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December 18, 2019

The Members of the Utah State Legislature
The Honorable Gary R. Herbert, Governor, State of Utah

We are pleased to submit the Single Audit Report of federal financial assistance for the State of Utah for the year ended June 30, 2019. The audit was conducted in accordance with the requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

This report contains the following:

- Our reports on compliance and on internal control, at the financial statement level and at the major federal program level, and on the Schedule of Expenditures of Federal Awards.
- The Schedule of Expenditures of Federal Awards.
- The Schedule of Findings and Questioned Costs, together with the views of responsible officials.
- Management’s corrective action plans.
- The Summary Schedule of Prior Audit Findings.

The results of this report are critical since the State of Utah continues to have a heavy dependence on federal financial assistance, which amounted to $4.9 billion in federal expenditures and $1.2 billion in loans, loan guarantees, endowments, and nonmonetary assistance for the fiscal year ended June 30, 2019.

The State of Utah’s Comprehensive Annual Financial Report for the year ended June 30, 2019 and our report thereon, dated November 25, 2019, have been issued under separate cover.

We express our appreciation to the State agencies’ and institutions’ program and accounting personnel and to the State Division of Finance who continue to demonstrate professionalism and competence in administering and accounting for the complexities of federal financial assistance.

Sincerely,

John Dougall
State Auditor
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- INTERNAL CONTROL OVER COMPLIANCE
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<td>Student Financial Assistance Programs</td>
<td>Dixie State University</td>
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<td>Federal Direct Student Loans</td>
<td>Dixie State University</td>
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<td>2019-005. Errors in Processing Return of Title IV Funds</td>
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<td>Salt Lake Community College</td>
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<td>2019-007. Untimely and Inaccurate Enrollment Reporting</td>
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<td>Southern Utah University</td>
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<td>2019-012. CCDF Benefit Overpayments Due to Eligibility System Updates</td>
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<td>2019-013. Child Care Provider Overpayments Due to Insufficient Reviews</td>
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TYPE OF FINDING AND RELATED AUDITOR’S REPORT:

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E. Material weakness in internal control – major program level.
F. Significant deficiency in internal control – major program level.
G. Material or possible material instance of noncompliance – major program level.
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<td>Crime Victim Compensation</td>
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<td>2019-017. Errors In and Inadequate Internal Controls Over Reporting and Earmarking</td>
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<td>2019-018. On-site Visits Not Performed Bi-Annually</td>
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<td>Crime Victim Assistance</td>
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INTRODUCTION

Background

The Federal Government requires the State of Utah to have an entity-wide audit of its financial statements and its federal programs as a condition of receiving federal financial assistance. The federally-required audit is commonly referred to as the “single audit.” The single audit focuses on testing compliance with laws and regulations and related internal controls over compliance for major programs. The requirements for performing the single audit are stated in Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

Scope

Uniform Guidance requires a risk-based approach to auditing federal programs. Under the risk-based approach, programs are classified as Type A or Type B programs based on a dollar level computed in accordance with Uniform Guidance. Type A programs for the State are those programs which exceeded $18,529,000 in federal awards expended for the fiscal year ended June 30, 2019. All other programs are classified as Type B. For the year ended June 30, 2019, 10 Type A and 5 Type B programs were audited as major programs in accordance with Uniform Guidance requirements. The State had 25 Type A programs and hundreds of Type B programs in fiscal year 2019. (See the Type A vs Type B Programs chart on the following page.)

Presentation

This report includes all required information for the single audit except the State’s financial statements and our report thereon, which were issued under separate cover. A Schedule of Expenditures of Federal Awards by federal agency is presented as required. An optional Schedule sorted by state agency is also presented. The required summary of our audit results, including a list of the major programs audited, is presented on pages 188-189. In addition, management’s corrective action plan and summary schedule of prior audit findings are presented in separate sections of the report. The type of each finding and the auditor’s report(s) to which it relates are listed in the foregoing Table of Contents.
INTRODUCTION

TYPE A vs TYPE B PROGRAMS
TOTAL FEDERAL ASSISTANCE
FOR THE FISCAL YEAR ENDED JUNE 30, 2019
(includes loan balances and disbursements)

Type B Programs
$0.499 Billion
8.08%

Type A Programs
$5.678 Billion
91.92%
INDEPENDENT STATE AUDITOR’S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF
FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Members of the Utah State Legislature
and
The Honorable Gary R. Herbert
Governor, State of Utah

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of Utah (State), as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the State’s basic financial statements, and have issued our report thereon dated November 25, 2019. Our report includes a reference to other auditors who audited the financial statements of the School and Institutional Trust Funds Office, Student Assistance Programs, Public Employees Health Program, Utah Transit Authority, University of Utah Hospitals and Clinics, the University of Utah’s component units, Utah State University Research Foundation, Utah Retirement Systems, and Utah Educational Savings Plan dba my529, as described in our report on the State’s financial statements. This report includes our consideration of the results of the other auditors’ testing of internal control over financial reporting and compliance and other matters that are reported on separately by those other auditors. However, this report, insofar as it relates to the results of the other auditors, is based solely on the reports of the other auditors.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the State’s internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the State’s internal control. Accordingly, we do not express an opinion on the effectiveness of the State’s internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. However, as described in the accompanying schedule of findings and recommendations, we and the other auditors did identify certain deficiencies in internal control that we consider to be material weaknesses or significant deficiencies.
A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or to detect and correct misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity’s financial statements will not be prevented, or detected and corrected on a timely basis. We consider the deficiency described in the accompanying schedule of findings and recommendations as Finding 2019-001 to be a material weakness.

A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We consider the deficiency described in the accompanying schedule of findings and recommendations as Finding 2019-002 to be a significant deficiency.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the State’s basic financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests and those of the other auditors disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

The State’s Response to Findings

The State’s written responses to and corrective action plans for the findings identified in our audit are described in the accompanying “Schedule of Findings and Questioned Costs” and “Corrective Action Plan.” The State’s responses and corrective action plans were not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on them.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity’s internal control or on compliance. This report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the entity’s internal control and compliance. Accordingly, this communication is not suitable for any other purpose. However, pursuant to Utah Code Title 63G Chapter 2, this report is a matter of public record, and, as such, its distribution is not limited.
INDEPENDENT STATE AUDITOR’S REPORT ON:

- COMPLIANCE FOR EACH MAJOR FEDERAL PROGRAM
- INTERNAL CONTROL OVER COMPLIANCE
- SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS REQUIRED BY UNIFORM GUIDANCE

To the Members of the Utah State Legislature
and
The Honorable Gary R. Herbert
Governor, State of Utah

Report on Compliance for Each Major Federal Program

We have audited the State of Utah’s (State’s) compliance with the types of compliance requirements described in the 2019 OMB Compliance Supplement that could have a direct and material effect on each of the State’s major federal programs for the year ended June 30, 2019. The State’s major federal programs are identified in the Summary of Auditor’s Results section of the accompanying “Schedule of Findings and Questioned Costs.”

We did not audit the Federal Family Education Loan Program (CFDA 84.032). This program was audited by other auditors whose report thereon has been furnished to us, and our opinion, insofar as it relates to compliance requirements for this program, is based solely on the report of the other auditors.

The State’s basic financial statements include the operations of Utah Transit Authority (UTA), a discretely presented component unit. UTA expended $93.4 million in federal awards for its fiscal year ended December 31, 2018. Its federal awards were audited by other auditors in accordance with the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). The results of that audit are reported separately.

Management’s Responsibility

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of the federal awards applicable to its federal programs.

Auditor’s Responsibility

Our responsibility is to express an opinion on compliance for each of the State’s major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the
United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the State’s compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our qualified and unmodified opinions on compliance for major federal programs. However, our audit does not provide a legal determination of the State’s compliance.

*Basis for Qualified Opinions on CFDA 16.576 Crime Victim Compensation and CFDA 16.575 Crime Victim Assistance*

As described in the accompanying “Schedule of Findings and Questioned Costs,” the State did not comply with CFDA 16.575 Crime Victim Assistance Reporting and Subrecipient Monitoring requirements as described in findings 2019-017 and 2019-018. Compliance with such requirements is necessary, in our opinion, for the State to comply with the requirements applicable to those programs.

Furthermore, as described in the accompanying “Schedule of Findings and Questioned Costs,” we were unable to obtain sufficient appropriate audit evidence supporting the State’s compliance with CFDA 16.576 Crime Victim Compensation Period of Performance requirements as described in finding 2019-015, or CFDA 16.575 Crime Victim Assistance Earmarking requirements as described in finding 2019-017. Consequently, we were unable to determine whether the State complied with those requirements applicable to those programs.

*Qualified Opinions on CFDA 16.576 Crime Victim Compensation and CFDA 16.575 Crime Victim Assistance*

In our opinion, except for the noncompliance related to findings 2019-017 and 2019-018 and for the possible effects of the matters noted in findings 2019-015 and 2019-017, as described in the Basis for Qualified Opinion paragraphs, the State complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on CFDA 16.576 Crime Victim Compensation and CFDA 16.575 Crime Victim Assistance for the year ended June 30, 2019.

*Unmodified Opinion on Each of the Other Major Federal Programs*

In our opinion, the State complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its other major federal programs identified in the Summary of Auditor’s Results section of the accompanying “Schedule of Findings and Questioned Costs” for the year ended June 30, 2019.
Other Matters

The results of our auditing procedures disclosed other instances of noncompliance, which are required to be reported in accordance with Uniform Guidance and which are identified as Type H in the foregoing “Table of Contents” and described in the accompanying “Schedule of Findings and Questioned Costs.” Our opinion on each major federal program is not modified with respect to these matters.

The State’s responses to and corrective action plans for the noncompliance findings identified in our audit are described in the accompanying “Schedule of Findings and Questioned Costs” and “Corrective Action Plan.” The State’s responses and corrective action plans were not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on them.

Report on Internal Control Over Compliance

Management of the State is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the State’s internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the State’s internal control over compliance.

Our consideration of internal control over compliance was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. However, as discussed below, we identified certain deficiencies in internal control over compliance that we consider to be material weaknesses and significant deficiencies.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent or to detect and correct noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected on a timely basis. We consider the deficiencies in internal control over compliance identified in the foregoing “Table of Contents” as Type E and described in the accompanying “Schedule of Findings and Questioned Costs” to be material weaknesses.

A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to be reported under Uniform Guidance. We consider the deficiencies in
internal control over compliance identified in the foregoing “Table of Contents” as **Type F** and described in the accompanying ”Schedule of Findings and Questioned Costs” to be significant deficiencies.

The State’s responses to and corrective action plans for the internal control over compliance findings identified in our audit are described in the accompanying “Schedule of Findings and Questioned Costs” and “Corrective Action Plan.” The State’s responses and corrective action plans were not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on them.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of Uniform Guidance. Accordingly, this report is not suitable for any other purpose. However, pursuant to Utah Code Title 63G Chapter 2, this report is a matter of public record, and as such, its distribution is not limited.

**Report on Schedule of Expenditures of Federal Awards Required by Uniform Guidance**

We have audited the financial statements of the State as of and for the year ended June 30, 2019, and have issued our report thereon dated November 25, 2019, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements as a whole. The accompanying “Schedule of Expenditures of Federal Awards” is presented for purposes of additional analysis as required by Uniform Guidance and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied by us in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. The accompanying “Schedule of Expenditures of Federal Awards” does not include UTA’s $93.4 million in federal awards expended for its fiscal year ended December 31, 2018; these expenditures were reported on separately. In our opinion, the “Schedule of Expenditures of Federal Awards” is fairly stated in all material respects in relation to the financial statements as a whole.

Office of the State Auditor
November 25, 2019
SCHEDULE OF EXPENDITURES

OF FEDERAL AWARDS

By Federal Agency

- Research and Development Programs Page 10
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# State of Utah
## Schedule of Expenditures of Federal Awards
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<th>Provided to Subrecipients</th>
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<td>58-6404-3-010 American Honey Producers Association</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
### RESEARCH AND DEVELOPMENT PROGRAMS

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Subtotal Research and Development Programs – Forest Service: 924,643

### National Institute of Food and Agriculture

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# Schedule of Expenditures of Federal Awards

**For the Year Ended June 30, 2019**

## RESEARCH AND DEVELOPMENT PROGRAMS

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<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
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Subtotal Research and Development Programs– National Institute of Food and Agriculture: 11,678,682

## Natural Resources Conservation Service

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Subtotal Research and Development Programs– Natural Resources Conservation Service: 93,580

## Risk Management Agency

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Subtotal Research and Development Programs– Risk Management Agency: 68,263

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
# Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2019

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
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<th>Award/Contract</th>
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<th>Name of Pass-through Entity</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### State of Utah

**Schedule of Expenditures of Federal Awards**

**For the Year Ended June 30, 2019**

<table>
<thead>
<tr>
<th>Federal Agency and Major Subdivision</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Expenditures</th>
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Note: The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## RESEARCH AND DEVELOPMENT PROGRAMS

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<th>Award/Contract</th>
<th>CFDA</th>
<th>Name of Pass-through Entity</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## RESEARCH AND DEVELOPMENT PROGRAMS

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<th>Federal Agency and Major Subdivision</th>
<th>Award/Contract</th>
<th>Agency</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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## Office of Economic Adjustment

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## Office of the Secretary of Defense

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## U.S. Army Materiel Command

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Subtotal Research and Development Programs– U.S. Army Medical Command 9,547,353 797,016

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## RESEARCH AND DEVELOPMENT PROGRAMS

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Subtotal Research and Development Programs– Institute of Museum and Library Services 126,582

### National Endowment for the Humanities

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Subtotal Research and Development Programs– National Endowment for the Humanities 149,889

Subtotal Research and Development Programs– FEDERAL COUNCIL ON THE ARTS AND THE HUMANITIES 276,471

### HEALTH AND HUMAN SERVICES, DEPARTMENT OF

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Subtotal Research and Development Programs– Administration for Children and Families 5,457

#### Administration for Community Living

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Subtotal Research and Development Programs– Administration for Community Living 340,404 | 31,565

#### Agency for Healthcare Research and Quality

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**Centers for Disease Control and Prevention**

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Subtotal Research and Development Programs– Centers for Disease Control and Prevention

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
State of Utah  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2019

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### RESEARCH AND DEVELOPMENT PROGRAMS

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# Research and Development Programs

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

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<tr>
<th>Federal Agency and Major Subdivision</th>
<th>Award/Contract</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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Subtotal Research and Development Programs– National Institutes of Health 218,457,463 22,876,733

**Office of the Secretary**

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Subtotal Research and Development Programs– Office of the Secretary 5,343

**Substance Abuse and Mental Health Services Administration**

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Subtotal Research and Development Programs– Substance Abuse and Mental Health Services Administration 1,400,795 87,558

**INTERIOR, DEPARTMENT OF THE**

**Bureau of Indian Affairs and Bureau of Indian Education**

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Subtotal Research and Development Programs– Bureau of Indian Affairs and Bureau of Indian Education 57,196

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### RESEARCH AND DEVELOPMENT PROGRAMS

#### Bureau of Land Management

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Subtotal Research and Development Programs– Bureau of Land Management: 2,294,196

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**The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards**
# Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2019

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## Miscellaneous

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Subtotal Research and Development Programs – MISCELLANEOUS 14,990,088 979,865

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

National Aeronautics and Space Administration

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Subtotal Research and Development Programs– National Aeronautics and Space Administration 21,902,112 3,524,648

Subtotal Research and Development Programs– NATIONAL AERONAUTICS AND SPACE ADMINISTRATION 21,902,112 3,524,648

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#### National Science Foundation

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

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Subtotal Research and Development Programs– National Science Foundation: 49,862,301, 4,688,596

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Research and Development Programs

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### Veterans Affairs, Department of

Department of Veterans Affairs

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
State of Utah  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Federal Agency and Major Subdivision</th>
<th>Award/Contract</th>
<th>CFDA</th>
<th>Name of Pass-through Entity</th>
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## CLUSTER PROGRAMS

### AGING CLUSTER

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<td>93.044</td>
<td>Special Programs for the Aging&gt;Title III, Part B_Grants for Supportive Services and Senior Centers</td>
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### CCDF CLUSTER

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<td>93.575</td>
<td>SLCO 4-H Entheos Kearns/Magna</td>
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<td>93.575</td>
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<td>93.596</td>
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### CHILD NUTRITION CLUSTER

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<td>10.553</td>
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<td>10.555</td>
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<td>In-kind Commodities</td>
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<td>Special Milk Program for Children</td>
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<td>10.559</td>
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### CLEAN WATER STATE REVOLVING FUND CLUSTER

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<td>66.458</td>
<td>Capitalization Grants for Clean Water State Revolving Funds</td>
<td>VARIOUS</td>
<td>DEQ</td>
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### DISABILITY INSURANCE/SSI CLUSTER

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<td>Social Security_Disability Insurance</td>
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### DRINKING WATER STATE REVOLVING FUND CLUSTER

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### CLUSTER PROGRAMS

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<th>CFDA</th>
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#### ECONOMIC DEVELOPMENT CLUSTER

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Subtotal – Economic Development Cluster 210,460

#### EMPLOYMENT SERVICE CLUSTER

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<td>17.207</td>
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<td>Disabled Veterans’ Outreach Program (DVOP)</td>
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Subtotal – Employment Service Cluster 8,019,799

#### FEDERAL TRANSIT CLUSTER

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Subtotal – Federal Transit Cluster 1,691,416

#### FISH AND WILDLIFE CLUSTER

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<td>15.611</td>
<td>Wildlife Restoration and Basic Hunter Education</td>
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Subtotal – Fish and Wildlife Cluster 18,208,660

#### FOOD DISTRIBUTION CLUSTER

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Subtotal – Food Distribution Cluster 4,435,080 4,231,340

#### FOREST SERVICE SCHOOLS AND ROADS CLUSTER

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<td>Schools and Roads - Grants to States</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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<td>State Medicaid Fraud Control Units</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## CLUSTER PROGRAMS

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Subtotal – Special Education Cluster (IDEA)  
82,277,673  74,483,200

## STUDENT FINANCIAL ASSISTANCE PROGRAMS

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

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Subtotal – Student Financial Assistance Programs 617,356,624

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Subtotal – TANF Cluster 56,005,643 6,833,593

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**Subtotal – Transit Services Programs Cluster**: 651,859 513,270

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Other Programs

### Agency for International Development

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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Program</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Expenditures Provided to Subrecipients</th>
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<td>U.S. Agency for International Development</td>
<td>OTHER PROGRAMS</td>
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Subtotal – Agency for International Development: 2,369,809 592,338

### Agriculture, Department of

<table>
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<th>Name</th>
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<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Expenditures Provided to Subrecipients</th>
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Subtotal – Agriculture, Department of: 1,360,535

10.001 Agricultural Research_Basic and Applied Research | VARIOUS | WSU | 3,703 | |
10.001 Agricultural Research_Basic and Applied Research | VARIOUS | USU | 22,289 | |

Subtotal – 10.001: 25,992

10.025 Plant and Animal Disease, Pest Control, and Animal Care | VARIOUS | USU | 137,000 | |
10.025 Plant and Animal Disease, Pest Control, and Animal Care | VARIOUS | DAG | 541,894 | |

Subtotal – 10.025: 678,894

10.069 Conservation Reserve Program | VARIOUS | DAG | 312,007 | |

Subtotal – 10.069: 312,007

10.162 Inspection Grading and Standardization | VARIOUS | DAG | 204,169 | |

Subtotal – 10.162: 204,169

10.163 Market Protection and Promotion | VARIOUS | DAG | 152,206 | |

Subtotal – 10.163: 152,206

10.168 Farmers’ Market and Local Food Promotion Program | VARIOUS | USU | 48,570 | 179 |

Subtotal – 10.168: 48,570

10.170 Specialty Crop Block Grant Program - Farm Bill | VARIOUS | DAG | 241,152 | 262,625 |

Subtotal – 10.170: 241,152

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### OTHER PROGRAMS

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Program Name of Pass-through Entity</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## OTHER PROGRAMS

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<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
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<td>Enhancing Direct Market Fresh</td>
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*The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards*
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Program</th>
<th>Total</th>
<th>Agency</th>
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<td>10.699</td>
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<td>29,612</td>
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<td>Cooperative Fire Protection Agreement</td>
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<td>10.855</td>
<td>Distance Learning and Telemedicine Loans and Grants</td>
<td><strong>515,148</strong></td>
<td>Snow</td>
<td>104,335</td>
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<td>Soil and Water Conservation</td>
<td>VARIOUS</td>
<td>8,548</td>
<td>DAG</td>
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<td>10.902</td>
<td>Beaver-Assisted Restoration &amp; Pheasants Forever, Inc.</td>
<td><strong>168,793</strong></td>
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<td>10.902</td>
<td>Soil and Water Conservation</td>
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<td>630,508</td>
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<td>10.912</td>
<td>Environmental Quality Incentives Program</td>
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<td>Wildlife Habitat Incentive Program</td>
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<td>Watershed Rehabilitation Program</td>
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<td>Emergency Watershed Protection Program</td>
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<td><strong>1,580,647</strong></td>
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<td>-22,623</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards

**For the Year Ended June 30, 2019**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Program</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Name of Pass-through Entity</td>
<td>Agency</td>
<td>Total Expenditures</td>
<td></td>
</tr>
</tbody>
</table>

### OTHER PROGRAMS

- **10.924 Conservation Stewardship Program**
  - VARIOUS
  - DAG: 113,201
  - Subtotal: -22,623

- **10.932 Regional Conservation Partnership Program**
  - VARIOUS
  - DNR: 776,604
  - Subtotal: 776,604

**Subtotal – Agriculture, Department of Commerce: 69,411,366, 38,650,293**

### COMMERCE, DEPARTMENT OF

- **11 Department of Commerce**
  - VARIOUS
  - UOU: 20,066

- **11 National Mesonet Program**
  - S2017-0132
  - USU: 59,247
  - Synoptic Data Corp.: 8,985
  - Subtotal: 79,313

- **11.303 Economic Development_Technical Assistance**
  - VARIOUS
  - DSU: 8,985

- **11.549 State and Local Implementation Grant Program**
  - VARIOUS
  - UCA: 230,190

- **11.611 Manufacturing Extension Partnership**
  - VARIOUS
  - UOU: 589,071

- **11.999 Pride in our Seas, Pride in Ourselves**
  - NA16NOS9990133
  - SUU: 905
  - Univ of the Virgin Islands: 905
  - Subtotal: 905

**Subtotal – Commerce, Department of Commerce: 908,464**

### CORPORATION FOR NATIONAL AND COMMUNITY SERVICE

- **94.003 State Commissions**
  - VARIOUS
  - DHA: 183,024
  - Subtotal: 183,024

- **94.006 TCN AmeriCorps TIP 2019**
  - 18NDHDC002
  - USU: 75,295
  - The Corps Network: 75,295

- **94.006 YOUTH BUILD AMERICORP**
  - 13NDHMA0010101
  - OWATC: 109,785
  - YOUTH BUILD USA: 109,785

- **94.006 AmeriCorps**
  - VARIOUS
  - DHA: 3,307,365
  - Subtotal: 3,492,445

- **94.007 Program Development and Innovation Grants**
  - VARIOUS
  - SLCC: 194,264
  - Subtotal: 194,264

- **94.009 Training and Technical Assistance**
  - VARIOUS
  - DHA: 300,568
  - Subtotal: 300,568

- **94.013 Volunteers in Service to America**
  - VARIOUS
  - DWS: 8,764
  - Subtotal: 8,764

- **94.013 Volunteers in Service to America**
  - VARIOUS
  - USU: 287,138
  - Subtotal: 295,902

---

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards

**For the Year Ended June 30, 2019**

### OTHER PROGRAMS

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Program Total</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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<td>94.020</td>
<td>CNCS Disaster Response Cooperative Agreement</td>
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<td>USU</td>
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<td>Volunteer Generation Fund</td>
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<td>DHA</td>
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<td>94.024</td>
<td>Social Innovation Fund Pay for Success</td>
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**Subtotal – Corporation for National and Community Service**

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<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Program Total</th>
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<td>ABRUPT</td>
<td>10045354</td>
<td>AMERICAN BURN ASSOCIATION</td>
<td>UOU</td>
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<tr>
<td>12</td>
<td>PROGSTAR</td>
<td>NNSP03130070UTAHNER</td>
<td>FOUNDATION FIGHTING BLINDNESS</td>
<td>UOU</td>
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<tr>
<td>12</td>
<td>SIVENT</td>
<td>FY16.794.011</td>
<td>UNIVERSITY OF COLORADO AT DENVER</td>
<td>UOU</td>
<td>10,810</td>
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<td>12</td>
<td>NAVFAC Manual Update--Chapter-Virigina Tech Polytechnic Institute</td>
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<td>USU</td>
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<td>Department of Defense</td>
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<tr>
<td>12</td>
<td>FHA DOD</td>
<td>VARIOUS</td>
<td>WESTERN INSTITUTE FOR BIOMEDICAL RESH</td>
<td>UOU</td>
<td>76,045</td>
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<td>12</td>
<td>COMPOSITE DAMPING TESTING</td>
<td>9737-AM05 / 10039795</td>
<td>MATERIALS SCIENCES CORPORATION</td>
<td>UOU</td>
<td>78,149</td>
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</table>

**Subtotal – Department of Defense**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Program Total</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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</thead>
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<tr>
<td>12.002</td>
<td>Procurement Technical Assistance For Business Firms</td>
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<td>GOED</td>
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<td>State Memorandum of Agreement Program for the Reimbursement of Technical Services</td>
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<td>DEQ</td>
<td>635,798</td>
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<td>12.300</td>
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<td>12.357</td>
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<td>12.357</td>
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<td>40,944,847</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Provided to Subrecipients</th>
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<tbody>
<tr>
<td>12.420</td>
<td>VANCO STUDY</td>
<td>SR00001694</td>
<td>JOHNS HOPKINS HOSPITAL</td>
<td>UOU</td>
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<td>12.610</td>
<td>Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies</td>
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<td>GOE</td>
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<td>12.800</td>
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<td>Language Grant Program</td>
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</table>

**Subtotal – Department of Defense** | 65,874,062 | 377,136 |

### DEPARTMENT OF HOMELAND SECURITY

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Total Expenditures</th>
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</thead>
<tbody>
<tr>
<td>97</td>
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<td>DPS</td>
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<td>Non-Profit Security Program</td>
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<td>1,064,814</td>
<td>1,044,996</td>
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</table>

**The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards**
<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
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<th>Program Total</th>
<th>Expenditures</th>
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<tbody>
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<td>Assistance to Firefighters Grant</td>
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<td>97.047</td>
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Subtotal – Department of Homeland Security $18,203,226 $10,981,642

**EDUCATION, DEPARTMENT OF**

<table>
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<th>CFDA</th>
<th>Name</th>
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<th>Name of Pass-through Entity</th>
<th>Agency</th>
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<td>Kansas Department of Education</td>
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<td>84</td>
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<tr>
<td></td>
<td>and Delinquent Children and Youth</td>
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<td>Language and Area Studies or Foreign Language</td>
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</tr>
<tr>
<td></td>
<td>and International Studies Program</td>
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<th>Name</th>
<th>Program</th>
<th>Name of Pass-through Entity</th>
<th>Total Expenditures</th>
<th>Expenditures Provided to Subrecipients</th>
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<tbody>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## Schedule of Expenditures of Federal Awards
### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Program Total</th>
<th>Expenditures</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## OTHER PROGRAMS

### ELECTION ASSISTANCE COMMISSION

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<tr>
<th>CFDA</th>
<th>Name</th>
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<th>Award/Contract</th>
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<th>Subtotal – Election Assistance Commission</th>
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### ENERGY, DEPARTMENT OF

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## Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2019

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<thead>
<tr>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Program</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Expenditures Provided to Subrecipients</th>
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Subtotal – Energy, Department of

| 5,591,545 | 2,294,694 |

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
### State of Utah

**Schedule of Expenditures of Federal Awards**

**For the Year Ended June 30, 2019**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Program</th>
<th>Total Expenditures</th>
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<tbody>
<tr>
<td>66.716</td>
<td>Pesticide Safety Education Man</td>
<td>SA-2019-11</td>
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<td>455,940</td>
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<td>2018 PSEP Funding</td>
<td>SA-2017-28</td>
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<td>Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements</td>
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<td>DNR</td>
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<tr>
<td>66.802</td>
<td>Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements</td>
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<td>DEQ</td>
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<td>Underground Storage Tank Prevention, Detection and Compliance Program</td>
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<td>DEQ</td>
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<td>66.805</td>
<td>Leaking Underground Storage Tank Trust Fund Corrective Action Program</td>
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<tr>
<td>66.813</td>
<td>ECOS</td>
<td>ITRC-16-UT</td>
<td>DEQ</td>
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<tr>
<td>66.817</td>
<td>State and Tribal Response Program Grants</td>
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<td>DEQ</td>
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**Other Programs**

**EQUAL EMPLOYMENT OPPORTUNITY COMMISSION**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
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<th>Total Expenditures</th>
<th>Provided to Subrecipients</th>
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<tr>
<td>30.001</td>
<td>Employment Discrimination_Title VII of the Civil Rights Act of 1964</td>
<td>VARIOUS</td>
<td>LBR</td>
<td>363,178</td>
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**EXECUTIVE OFFICE OF THE PRESIDENT**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
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<tr>
<td>95.001</td>
<td>High Intensity Drug Trafficking Areas Program</td>
<td>VARIOUS</td>
<td>DPS</td>
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**FEDERAL COUNCIL ON THE ARTS AND THE HUMANITIES**

<table>
<thead>
<tr>
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<th>Award/Contract</th>
<th>Program</th>
<th>Total Expenditures</th>
<th>Provided to Subrecipients</th>
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<tbody>
<tr>
<td>45.024</td>
<td>Promotion of the Arts_Grants to Organizations and Individuals</td>
<td>VARIOUS</td>
<td>USU</td>
<td>7,785</td>
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<tr>
<td>45.024</td>
<td>Promotion of the Arts_Grants to Organizations and Individuals</td>
<td>VARIOUS</td>
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<td>25,000</td>
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<td>45.024</td>
<td>Promotion of the Arts_Grants to Organizations and Individuals</td>
<td>VARIOUS</td>
<td>UOU</td>
<td>66,635</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## OTHER PROGRAMS

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
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<th>Expenditures</th>
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<tr>
<td>45.025</td>
<td>Promotion of the Arts_Partnership Agreements</td>
<td>VARIOUS</td>
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<td>DHA</td>
<td>878,828</td>
<td>813,379</td>
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<tr>
<td>45.163</td>
<td>Promotion of the Humanities_Professional Development</td>
<td>VARIOUS</td>
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<td>UOU</td>
<td>57,522</td>
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<tr>
<td>45.163</td>
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<td>SLCC</td>
<td>82,148</td>
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<tr>
<td>45.301</td>
<td>Museums for America</td>
<td>VARIOUS</td>
<td></td>
<td>UOU</td>
<td>26,892</td>
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<tr>
<td>45.310</td>
<td>Grants to States</td>
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<td>DHA</td>
<td>2,199,762</td>
<td>697,078</td>
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<tr>
<td>45.312</td>
<td>National Leadership Grants</td>
<td>VARIOUS</td>
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<td>UOU</td>
<td>165,357</td>
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</table>

Subtotal – Federal Council on the Arts and the Humanities: 4,346,055, 1,510,457

## GENERAL SERVICES ADMINISTRATION

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
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<th>Program Total</th>
<th>Expenditures</th>
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<tbody>
<tr>
<td>39.003</td>
<td>Donation of Federal Surplus Personal Property</td>
<td>VARIOUS</td>
<td></td>
<td>DAS</td>
<td>260,002</td>
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Subtotal – General Services Administration: 260,002

## HEALTH AND HUMAN SERVICES, DEPARTMENT OF

<table>
<thead>
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<th>Name</th>
<th>Award/Contract</th>
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<tbody>
<tr>
<td>93</td>
<td>Department of Health and Human Services</td>
<td>VARIOUS</td>
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<td>DAG</td>
<td>8,961</td>
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<tr>
<td>93</td>
<td>Department of Health and Human Services</td>
<td>VARIOUS</td>
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<td>DOH</td>
<td>174,018</td>
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<tr>
<td>93.041</td>
<td>Special Programs for the Aging_Title VII, Chapter 3_Programs for Prevention of Elder Abuse, Neglect, and Exploitation</td>
<td>VARIOUS</td>
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<td>DHS</td>
<td>28,267</td>
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<tr>
<td>93.042</td>
<td>Special Programs for the Aging_Title VII, Chapter 2_Long Term Care Ombudsman Services for Older Individuals</td>
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<td>DHS</td>
<td>102,902</td>
<td>77,228</td>
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<tr>
<td>93.043</td>
<td>Special Programs for the Aging_Title III, Part D_Disease Prevention and Health Promotion Services</td>
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<td>DHS</td>
<td>134,081</td>
<td>134,081</td>
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<tr>
<td>93.048</td>
<td>Special Programs for the Aging_Title IV_and Title II_Discretionary Projects</td>
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<td>DHS</td>
<td>284,837</td>
<td>248,826</td>
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<tr>
<td>93.052</td>
<td>National Family Caregiver Support, Title III, Part E</td>
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<td>DHS</td>
<td>969,113</td>
<td>969,113</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
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<th>Program Total</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>OTHER PROGRAMS</strong></td>
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<tr>
<td>93.065</td>
<td>Laboratory Leadership, Workforce Training and Management Development, Improving Public Health Laboratory Infrastructure</td>
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<td>DOH</td>
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<td>93.068</td>
<td>Chronic Diseases: Research, Control, and Prevention</td>
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<td>DOH</td>
<td>128,847</td>
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<tr>
<td>93.069</td>
<td>Public Health Emergency Preparedness</td>
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<td>DOH</td>
<td>6,793,782</td>
<td>4,479,315</td>
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<tr>
<td>93.070</td>
<td>Environmental Public Health and Emergency Response</td>
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<td>DOH</td>
<td>2,278,643</td>
<td>9,141</td>
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<td>93.071</td>
<td>Medicare Enrollment Assistance Program</td>
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<td>DHS</td>
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<tr>
<td>93.073</td>
<td>Birth Defects and Developmental Disabilities - Prevention and Surveillance</td>
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<td>DOH</td>
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<td>93.074</td>
<td>Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements</td>
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<td>DOH</td>
<td>2,429,730</td>
<td>1,626,970</td>
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<td>Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance</td>
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<td>95,160</td>
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<td>DHS: BYU Relationship Enrichment Program</td>
<td>A02435, Brigham Young University</td>
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<tr>
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<td>Healthy Marriage Promotion and Responsible Fatherhood Grants</td>
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<tr>
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<td>Affordable Care Act (ACA) Personal Responsibility Education Program</td>
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<td>DOH</td>
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<tr>
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<tr>
<td>93.104</td>
<td>Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)</td>
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<td>DHS</td>
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<tr>
<td>93.110</td>
<td>Maternal and Child Health Federal Consolidated Programs</td>
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<td>DOH</td>
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<tr>
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<td>Maternal and Child Health Federal Consolidated Programs</td>
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<td>93.116</td>
<td>Project Grants and Cooperative Agreements for Tuberculosis Control Programs</td>
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<td></td>
<td>DOH</td>
<td>354,872</td>
<td>192,481</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
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<th>Program Name</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Expenditures Provided to Subrecipients</th>
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<tbody>
<tr>
<td>93.127</td>
<td>Emergency Medical Services for Children</td>
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<td>Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices</td>
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<td>93.136</td>
<td>Injury Prevention and Control Research and State and Community Based Programs</td>
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<td>4,551,253</td>
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<td>Projects for Assistance in Transition from Homelessness (PATH)</td>
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<td>Disabilities Prevention</td>
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<td>Telehealth Programs</td>
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<td>Affordable Care Act (ACA) Abstinence Education Program</td>
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<td>USU FCS Family Wellness Program</td>
<td>Various Ute Indian Tribe</td>
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<td>State Capacity Building</td>
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<td>State Rural Hospital Flexibility Program</td>
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<td>Substance Abuse and Mental Health Services_Projects of Regional and National Significance</td>
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<td>93.243</td>
<td>Substance Abuse and Mental Health Services_Projects of Regional and National Significance</td>
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<td>Substance Abuse and Mental Health Services_Projects of Regional and National Significance</td>
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<td>Substance Abuse and Mental Health Services_Projects of Regional and National Significance</td>
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<td>Universal Newborn Hearing Screening</td>
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<td>DOH</td>
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<td>273,792</td>
<td>10,824</td>
</tr>
</tbody>
</table>
# State of Utah

**Schedule of Expenditures of Federal Awards**

For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Program Expenditures</th>
<th>Provided to Subrecipients</th>
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</thead>
<tbody>
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<td>93.262</td>
<td>Agricultural Safety Education</td>
<td>5866-USU-CSU-1107</td>
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<td>93.268</td>
<td>Immunization Cooperative Agreements</td>
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<td>Adult Viral Hepatitis Prevention and Control</td>
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<td>29,369,038</td>
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<td>93.283</td>
<td>Centers for Disease Control and Prevention, Investigations and Technical Assistance</td>
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<td>State Partnership Grant Program to Improve Minority Health</td>
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<td>National State Based Tobacco Control Programs</td>
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<tr>
<td>93.314</td>
<td>Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Program</td>
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<td>DOH</td>
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<td>962,889</td>
<td>529,527</td>
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<tr>
<td>93.323</td>
<td>Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)</td>
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<td>3,633,942</td>
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<td>93.324</td>
<td>State Health Insurance Assistance Program</td>
<td>VARIOUS</td>
<td>DHS</td>
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<td>3,633,942</td>
<td>298,497</td>
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<tr>
<td>93.336</td>
<td>Behavioral Risk Factor Surveillance System</td>
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<tr>
<td>93.369</td>
<td>SILC: Training and Technical A</td>
<td>19-1825</td>
<td>USU</td>
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<td>ACL Independent Living State Grants</td>
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<td>915,849</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## Other Programs

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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
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<td>DOH</td>
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<td>WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)</td>
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### State of Utah
### Schedule of Expenditures of Federal Awards
### For the Year Ended June 30, 2019

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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Program Total</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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<td>DHS</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Agency</th>
<th>Program Total</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### State of Utah
#### Schedule of Expenditures of Federal Awards
##### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## OTHER PROGRAMS

### HOUSING AND URBAN DEVELOPMENT, DEPARTMENT OF

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
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Subtotal – Health and Human Services, Department of: 405,532,418 108,707,333

### INTERIOR, DEPARTMENT OF THE

<table>
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Subtotal – Housing and Urban Development, Department of: 93,699,393 7,733,704

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### State of Utah

#### Schedule of Expenditures of Federal Awards

**For the Year Ended June 30, 2019**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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<th>CFDA</th>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### State of Utah
#### Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2019

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract Name of Pass-through Entity</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
# Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2019

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<th>Agency</th>
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Subtotal – Interior, Department of the **27,355,191** **627,672**

## JUSTICE, DEPARTMENT OF

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<th>Program</th>
<th>Name</th>
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<th>Program Total Dollars</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

96
### OTHER PROGRAMS

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards

**For the Year Ended June 30, 2019**

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<tr>
<th>CFDA</th>
<th>Award/Contract Name</th>
<th>Program Total Expenditures</th>
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<td>Paul Coverdell Forensic Sciences Improvement Grant Program</td>
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<td>Harold Rogers Prescription Drug Monitoring Program</td>
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<td>John R. Justice Prosecutors and Defenders Incentive Act</td>
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<td>Equitable Sharing Program</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Agency</th>
<th>Total Expenditures</th>
<th>Expenditures Provided to Subrecipients</th>
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#### OTHER PROGRAMS

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<td><strong>56,295</strong></td>
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<tr>
<td>17.005</td>
<td><strong>1,087,599</strong></td>
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<tr>
<td>17.225</td>
<td><strong>96,793</strong></td>
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<tr>
<td>17.235</td>
<td><strong>179,921,673</strong></td>
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<tr>
<td>17.245</td>
<td><strong>474,047</strong></td>
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<td>17.271</td>
<td><strong>156,505</strong></td>
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<tr>
<td>17.273</td>
<td><strong>52,991</strong></td>
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<td>17.274</td>
<td><strong>573,514</strong></td>
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<td><strong>168,245</strong></td>
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<td>17.285</td>
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<tr>
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**Subtotal – Justice, Department of Labor:**

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<th>Program</th>
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<tbody>
<tr>
<td>17</td>
<td><strong>36,719,141</strong></td>
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<tr>
<td>17.002</td>
<td><strong>56,295</strong></td>
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<td>17.235</td>
<td><strong>179,921,673</strong></td>
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<td><strong>474,047</strong></td>
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<td>17.285</td>
<td><strong>54,787</strong></td>
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<tr>
<td>17.503</td>
<td><strong>1,528,800</strong></td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## OTHER PROGRAMS

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

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Subtotal – National Aeronautics and Space Administration: 832,012

**NATIONAL ARCHIVES AND RECORDS ADMINISTRATION**

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Subtotal – National Archives and Records Administration: 33,687

**NUCLEAR REGULATORY COMMISSION**

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Subtotal – Nuclear Regulatory Commission: 105,704

**SECURITIES AND EXCHANGE COMMISSION**

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Subtotal – Securities and Exchange Commission: 229,562

**SMALL BUSINESS ADMINISTRATION**

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Subtotal – Small Business Administration: 950,077
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
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<td>Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract Name of Pass-through Entity</th>
<th>Program Agency</th>
<th>Total Expenditures</th>
<th>Provided to Subrecipients</th>
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</thead>
<tbody>
<tr>
<td>20.528</td>
<td>Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>Program</th>
<th>Total Expenditures</th>
<th>Expenditures</th>
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<td>VIETNAM EDUCATION FOUNDATION</td>
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Subtotal – Vietnam Education Foundation 2,250

**TOTAL FEDERAL EXPENDITURES** 6,176,484,279 696,962,103

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
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SCHEDULE OF EXPENDITURES

OF FEDERAL AWARDS

By State Agency

- Primary Government  Page 106
- Component Units     Page 125
# Schedule of Expenditures of Federal Awards By State Agency
## For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<td>Consolidated Pesticide Enforcement Cooperative Agreements</td>
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<td>93.103</td>
<td>Food and Drug Administration, Research</td>
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<td>Ruminant Feed Ban Support Project</td>
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<td>16</td>
<td>Department of Justice</td>
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<td>3,242</td>
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</tbody>
</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency
### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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<tbody>
<tr>
<td>16</td>
<td>Western Regional Children's Advocacy Center Chapter Capacity Impact Stipend</td>
<td>Training Grant</td>
<td>Western Regional Advocacy Center</td>
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<td>Services for Trafficking Victims</td>
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<td>Missing Children's Assistance</td>
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<td>16.758</td>
<td>OJJDP FY17 Victims of Child Abuse (VOCA) Children's Advocacy Centers National Subgrants Program</td>
<td>2015-CI-FX-K001</td>
<td>National Children's Alliance</td>
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<td>John R. Justice Prosecutors and Defenders Incentive Act</td>
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<td>State Medicaid Fraud Control Units</td>
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**Subtotal – Attorney General**

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<th>R&amp;D Expenditures</th>
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<tr>
<td>20.700</td>
<td>Pipeline Safety Program State Base Grant</td>
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**Subtotal – Commerce, Department Of**

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<td>Second Chance Act Reentry Initiative</td>
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**Subtotal – Corrections, Department Of**

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<td>Trade Mitigation Program Eligible Recipient Agency Operational Funds</td>
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<td>Child and Adult Care Food Program</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards By State Agency
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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<td>30-312-08 WIPP</td>
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**Subtotal – Environmental Quality, Department Of**

| 31,680,459 | 9,402,256 |

### GOVERNOR’S OFFICE

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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**Subtotal – Governor's Office**

| 28,408,760 | 21,670,794 |

### GOVERNOR’S OFFICE OF ECONOMIC DEVELOPMENT

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<th>Award/Contract</th>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
# Schedule of Expenditures of Federal Awards By State Agency

For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
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<th>R&amp;D Expenditures</th>
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</table>

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<thead>
<tr>
<th>CFDA</th>
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<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## PRIMARY GOVERNMENT

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### HERITAGE AND ARTS, DEPARTMENT OF

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### HUMAN SERVICES, DEPARTMENT OF

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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*The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.*
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<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
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<th>Provided to Subrecipients</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards By State Agency
#### For the Year Ended June 30, 2019

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards By State Agency
#### For the Year Ended June 30, 2019

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<td>Subtotal – Regents, State Board Of</td>
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<td>Subtotal – Tax Commission</td>
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<td><strong>TECHNOLOGY SERVICES, DEPARTMENT OF</strong></td>
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<tr>
<td>15.817</td>
<td>National Geospatial Program: Building The National Map</td>
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<td>Subtotal – Technology Services, Department Of</td>
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<td>Airport Improvement Program</td>
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<td>Highway Research and Development Program</td>
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<td>20.215</td>
<td>Highway Training and Education</td>
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<td>Motor Carrier Safety Assistance</td>
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<td>Performance and Registration Information Systems Management</td>
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</tbody>
</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards By State Agency
#### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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<tbody>
<tr>
<td>20.237</td>
<td>Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements</td>
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Subtotal – Transportation, Department Of 386,373,302 10,635,863

#### UTAH NATIONAL GUARD

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<td>Military Construction, National Guard</td>
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<td>Department of Justice</td>
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Subtotal – Utah National Guard 69,815,856

#### VETERANS’ AND MILITARY AFFAIRS, DEPARTMENT OF

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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<td>Veterans Prescription Service</td>
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<td>Burial Expenses Allowance for Veterans</td>
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Subtotal – Veterans’ And Military Affairs, Department Of 36,340,227

#### WORKFORCE SERVICES, DEPARTMENT OF

<table>
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<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<td>SNAP Recipient Integrity Education Grant</td>
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</tbody>
</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## State of Utah

### Schedule of Expenditures of Federal Awards By State Agency

**For the Year Ended June 30, 2019**

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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<td>HOME Investment Partnerships Program Loans - Loans Made</td>
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<td>Program Income - HOME INVESTMENT PARTNERSHIP</td>
<td>PROGRAM INCOME</td>
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<td>1,407,840</td>
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<td>Continuum of Care Program</td>
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<td>Housing Trust Fund</td>
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<td>Housing Trust Fund Loans - Beginning Loan Balance</td>
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<td>Housing Trust Fund Loans - Loans Made</td>
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<td>Labor Force Statistics</td>
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<td>Trade Adjustment Assistance</td>
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<td>WIOA Dislocated Worker Formula Grants</td>
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<td>Apprenticeship USA Grants</td>
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<td>Disabled Veterans' Outreach Program (DVOP)</td>
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*The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards*
<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
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<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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<tbody>
<tr>
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<td>Rehabilitation Services_Independent Living Services for Older Individuals Who are Blind</td>
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<td>Promoting Readiness of Minors in Supplemental Security Income</td>
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<td>Refugee and Entrant Assistance_Targeted Assistance Grants</td>
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<td>Social Services Block Grant</td>
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<td>Volunteers in Service to America</td>
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</tbody>
</table>

Subtotal – Workforce Services, Department Of: 782,827,470 55,805,407

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## State of Utah
### Schedule of Expenditures of Federal Awards By State Agency
#### For the Year Ended June 30, 2019

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<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
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<th>Name of Pass-through Entity</th>
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<th>Provided to Subrecipients</th>
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<td>PRIMARY GOVERNMENT</td>
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<td>Subtotal – Primary Government</td>
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</tbody>
</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
# State of Utah

## Schedule of Expenditures of Federal Awards By State Agency

For the Year Ended June 30, 2019

<table>
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<tr>
<th>CFDA</th>
<th>Name</th>
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<th>Name of Pass-through Entity</th>
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<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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<tbody>
<tr>
<td></td>
<td><strong>COMPONENT UNITS</strong></td>
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<tr>
<td></td>
<td><strong>BRIDGERLAND TECHNICAL COLLEGE</strong></td>
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<td>Education and Human Resources</td>
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<td>R&amp;D</td>
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<td>Federal Pell Grant Program</td>
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<td><strong>Subtotal – Bridgerland Technical College</strong></td>
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<td>84.038</td>
<td>Perkins Loan Program - Beginning Loan Balance</td>
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<td>93.264</td>
<td>Nurse Faculty Loan Program (NFLP) - Loans Made</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
# State of Utah
## Schedule of Expenditures of Federal Awards By State Agency
### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
<th>Provided to Subrecipients</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency

For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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<th>Award/Contract</th>
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**SOUTHWEST TECHNICAL COLLEGE**

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<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D</th>
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**TOOELE TECHNICAL COLLEGE**

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## Schedule of Expenditures of Federal Awards By State Agency

For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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### Component Units

#### University of Utah

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
State of Utah  
Schedule of Expenditures of Federal Awards By State Agency  
For the Year Ended June 30, 2019  

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### COMPONENT UNITS

#### UNIVERSITY OF UTAH

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| 43   | STRUCTURE OF NUCLEAR CLUSTERS            | HSTAR1326801A     | SPACE TELESCOPE SCIENCE INSTITUTE                    | R&D              | 1,551                     |
| 43   | IMPROVING TRUST                          | GRANT#S15-178-05  | JAMES MADISON UNIVERSITY                             | R&D              | 2,448                     |
| 43   | IMPROVING BH MASS MEASUREMENTS           | HST-GO-14742.002-A | SPACE TELESCOPE SCIENCE INSTITUTE                    | R&D              | 8,886                     |
| 43   | ASTROBIOLOGY TO INCARCERATED             | BMSSA-01          | BLUE MARBLE SPACE INSTITUTE OF SCIENCE               | R&D              | 10,128                    |
| 43   | GALAXY BULGES                            | HST-GO-15133.002-A | SPACE TELESCOPE SCIENCE INSTITUTE                    | R&D              | 13,902                    |
| 43   | National Aeronautics and Space Administration | VARIOUS           |                                                      | R&D              | 15,560                    |
| 43   | M33 SURVEY                               | HST-GO-14610.012-A | SPACE TELESCOPE SCIENCE INSTITUTE                    | R&D              | 29,044                    |
| 43   | MODULAR OPTIMIZED OPERATIONAL            | VARIOUS           | VENCORE SERVICES AND SOLUTIONS INC                   | R&D              | 31,634                    |
| 43   | NASA CPEX WITH DAWN                      | NNH17CV05C-UTAH   | SIMPSON WEATHER ASSOCIATES                           | R&D              | 33,201                    |

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

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### COMPONENT UNITS

**UNIVERSITY OF UTAH**

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency
### For the Year Ended June 30, 2019

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### COMPONENT UNITS

**UNIVERSITY OF UTAH**

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## COMPONENT UNITS

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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## Schedule of Expenditures of Federal Awards By State Agency
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## COMPONENT UNITS

### UNIVERSITY OF UTAH

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<th>CFDA</th>
<th>Name</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## UNIVERSITY OF UTAH

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## Component Units

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## COMPONENT UNITS

### UNIVERSITY OF UTAH

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency
For the Year Ended June 30, 2019

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency
### For the Year Ended June 30, 2019

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency
For the Year Ended June 30, 2019

### COMPONENT UNITS

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<th>CFDA</th>
<th>Name</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
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Subtotal – University Of Utah  390,348,956  39,585,444

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Subtotal – Utah Communication Authority  230,190

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## Schedule of Expenditures of Federal Awards By State Agency
### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D</th>
<th>Expenditures</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
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<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract Title</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## Schedule of Expenditures of Federal Awards By State Agency
### For the Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<td>UTC Aerospace Systems</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### COMPONENT UNITS

#### UTAH STATE UNIVERSITY

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## COMPONENT UNITS

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
### COMPONENT UNITS

#### UTAH STATE UNIVERSITY

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## COMPONENT UNITS

### UTAH STATE UNIVERSITY

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.
## COMPONENT UNITS

### UTAH STATE UNIVERSITY

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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
## State of Utah
### Schedule of Expenditures of Federal Awards By State Agency
#### For the Year Ended June 30, 2019

### COMPONENT UNITS

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<td>AOS</td>
<td>Subcontract 10DS-0002-UT</td>
<td>Misc Other</td>
<td>R&amp;D</td>
<td>3,366,242</td>
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<td>Miscellaneous</td>
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<td>R&amp;D</td>
<td>6,743,152</td>
<td>193,845</td>
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</table>

Subtotal – Utah State University **289,376,211** **47,364,526**

#### UTAH VALLEY UNIVERSITY

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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<tr>
<td>10</td>
<td>Department of Agriculture</td>
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<td>43</td>
<td>Constraining Dust Hazes at the L/T Trans via Var</td>
<td>HST-GO-14051.008-A</td>
<td>Space Telescope Science Institute</td>
<td>R&amp;D</td>
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<td>43</td>
<td>A Second Ladder: Testing for Bias</td>
<td>HST-GO-14654.003-A</td>
<td>Space Telescope Science Institute</td>
<td>R&amp;D</td>
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<td>Space Telescope Science Institute</td>
<td>R&amp;D</td>
<td>22,355</td>
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</table>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

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## COMPONENT UNITS

### UTAH VALLEY UNIVERSITY

<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D</th>
<th>Expenditures</th>
<th>Provided to Subrecipients</th>
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</thead>
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<td>Mathematical and Physical Sciences</td>
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<td>R&amp;D</td>
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</tr>
<tr>
<td>47.075</td>
<td>Social, Behavioral, and Economic Sciences</td>
<td>VARIOUS</td>
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<td>R&amp;D</td>
<td>52,921</td>
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<tr>
<td>47.076</td>
<td>Education and Human Resources</td>
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<td>R&amp;D</td>
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<td>TRIO_Upward Bound</td>
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<tr>
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<td>234,636</td>
<td>47,209</td>
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<td>Gaining Early Awareness and Readiness for Undergraduate Programs</td>
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<td>4,033,456</td>
<td>435,472</td>
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<td>Child Care Access Means Parents in School</td>
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<td>Assistance to Firefighters Grant</td>
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Subtotal – Utah Valley University 63,684,300 496,174

### WEBER STATE UNIVERSITY

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<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
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<th>Expenditures</th>
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<tbody>
<tr>
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<td>10.001</td>
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<td>Science</td>
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<td>229,562</td>
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards 177
<table>
<thead>
<tr>
<th>CFDA</th>
<th>Name</th>
<th>Award/Contract</th>
<th>Name of Pass-through Entity</th>
<th>R&amp;D Expenditures</th>
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<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td>66.034</td>
<td>Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act</td>
<td>VARIOUS</td>
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<td>76,217</td>
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<td>81.049</td>
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<td>831KS30</td>
<td>The Board of Regents of the University of Wisconsin System</td>
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<td>12,495</td>
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<td>Federal Supplemental Educational Opportunity Grants</td>
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<td>84.334</td>
<td>Gaining Early Awareness and Readiness for Undergraduate Programs</td>
<td>MOU</td>
<td>Ogden City School District</td>
<td>43,629</td>
<td>43,629</td>
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<td>84.334</td>
<td>Gaining Early Awareness and Readiness for Undergraduate Programs</td>
<td>MOU-PO180408</td>
<td>Ogden City School District</td>
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<td>84.367</td>
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<td>07-UT02-SEED2017-ILI</td>
<td>National Writing Project Corporation</td>
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<td>93.243</td>
<td>Substance Abuse and Mental Health Services_Projects of Regional and National Significance</td>
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<td>Discovery and Applied Research for Technological Innovations to Improve Human Health</td>
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<td>76,536</td>
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</table>

Subtotal – Weber State University: 33,539,957 106,121

Subtotal – Component Units: 1,246,036,248 87,564,265

TOTAL FEDERAL EXPENDITURES: 6,176,484,279 696,962,103

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

NOTE 1. SIGNIFICANT ACCOUNTING POLICIES

The foregoing Schedule of Expenditures of Federal Awards (Schedule) is a supplementary schedule to the State’s basic financial statements and is presented for purposes of additional analysis. The Schedule is required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

A. Basis of Presentation – The information in the Schedule is presented in accordance with Uniform Guidance.

- Federal Financial Assistance – Pursuant to the Single Audit Act of 1984 (Public Law 98-502), the Single Audit Act Amendments of 1996 (Public Law 104-156), and Uniform Guidance, federal financial assistance is defined as assistance provided by a federal agency, either directly or indirectly, in the form of grants, contracts, cooperative agreements, loans, loan guarantees, property, interest subsidies, insurance, endowments, or direct appropriations. Accordingly, nonmonetary federal assistance, including food stamps, food commodities, vaccines, food vouchers, and surplus property, is included in federal financial assistance and, therefore, is reported on the Schedule. Federal financial assistance does not include direct federal cash assistance to individuals. Solicited contracts between the State and Federal Government for which the Federal Government procures tangible goods or services are not considered to be federal financial assistance.

- Catalog of Federal Domestic Assistance – Uniform Guidance requires the Schedule to show the total expenditures for each of the State’s federal financial assistance programs as identified in the Catalog of Federal Domestic Assistance (CFDA). The CFDA is a government-wide compendium of individual federal programs. Each program included in the CFDA is assigned a five-digit program identification number (CFDA number) which is reflected in the Schedule. Federal financial assistance programs and contracts which have not been assigned a CFDA number or, where management has been unable to determine the CFDA number, are identified with the federal agency two-digit prefix in the Schedule.
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

- Cluster of Programs – Closely related programs with different CFDA numbers which share common compliance requirements are considered a cluster of programs. The following list identifies those programs that are considered to be clusters of Federal programs as defined by the 2019 OMB Compliance Supplement.

  Aging Cluster  
  CCDF Cluster  
  Child Nutrition Cluster  
  Clean Water State Revolving Fund Cluster  
  Disability Insurance/SSI Cluster  
  Drinking Water State Revolving Fund Cluster  
  Economic Development Cluster  
  Employment Service Cluster  
  Federal Transit Cluster  
  Fish and Wildlife Cluster  
  Food Distribution Cluster  
  Forest Service Schools and Roads Cluster  
  Highway Planning and Construction Cluster  
  Highway Safety Cluster  
  Medicaid Cluster  
  Research and Development Programs  
  SNAP Cluster  
  Special Education Cluster (IDEA)  
  Student Financial Assistance Programs  
  TANF Cluster  
  Transit Services Programs Cluster  
  TRIO Cluster  
  WIOA Cluster

- Type A and Type B Programs – The Single Audit Act of 1984 (as amended in 1996) and Uniform Guidance establish the levels to be used in defining Type A and Type B federal programs. Type A programs for the State of Utah are those programs which exceeded $18,529,000 in federal awards expended for the fiscal year ended June 30, 2019. All other programs are classified as Type B by the State. For the year ended June 30, 2019, certain low-risk Type A programs were not audited and certain Type B programs were audited as required by Uniform Guidance. All Type A and Type B programs that were audited as major programs are listed in the “Schedule of Findings and Questioned Costs, Part I. Summary of Auditor’s Results,” item No. 7 (page 189).

B. Reporting Entity – The State of Utah’s reporting entity includes the primary government and its component units as described in Footnote 1.A. of the State’s basic financial statements for the year ended June 30, 2019. For purposes of presenting the Schedule, the Utah Transit Authority (UTA), a major discrete component unit, has been excluded from the reporting entity for the fiscal year 2019.
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

C. **Basis of Accounting** – Federal financial assistance programs included in the Schedule are primarily reported in the State’s basic financial statements as grants and contributions in the entity-wide Statement of Activities and as federal grants and contracts or federal reinsurance in the fund financial statements. Except for items F through H presented in Note 8, the Schedule is presented using the same basis of accounting as that used in reporting the expenditures of the related funds in the State’s basic financial statements. The basis of accounting used for each fund is described in Footnote 1.C. of the State’s basic financial statements.

- **Matching Costs** – Except as addressed in Note 3 for certain loan programs, the Schedule does not include matching expenditures.

- **Nonmonetary Assistance** – The Schedule contains values for several nonmonetary assistance programs. The Food Stamp program is presented at the dollar value of food stamp electronic benefit transfers authorized and used by recipients. The programs with commodities and vaccines are presented at the federally assigned value of commodities disbursed by the State. The surplus property program is presented at the estimated fair value of the property distributed. The fair value was estimated to be 23.3% of the property’s original federal acquisition value.

- **Endowment and Commodities** – Information on federal endowment and commodities inventory is included in the footnotes instead of on the Schedule (see Notes 5 and 6).

- **Loan and Loan Guarantee Programs** – The value of new loans and loan guarantees made during the year plus, as applicable, the beginning of the year loan balances and loan guarantees are included in the Schedule. The outstanding federal loan balances and loan guarantees at the end of the year are included in the footnotes instead of on the Schedule (see Note 3).

- **Direct and Indirect (Pass-Through) Federal Financial Assistance** – The majority of the State’s federal financial assistance is received directly from the granting federal agency (i.e., the State is the primary recipient). However, some federal financial assistance, as identified on the Schedule, is passed through a separate entity prior to receipt by the State (i.e., the State is a subrecipient). Although this type of assistance is included on the Schedule noting the “Name of Pass-Through Entity,” it is not reported as federal revenue on the State’s basic financial statements because it was not awarded directly from the Federal Government to the State.

- **Pass-Through Expenditures** – The Schedule includes a column for “Provided to Subrecipients” to identify the amount provided to subrecipients. The State makes subgrants to other entities to carry out some federal programs.
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

- Federal Transactions Between State Entities – Some state entities transfer (expend) federal assistance to other state entities (i.e., a pass-through of funds by the primary recipient state entity to a subrecipient state entity). In this case, the federal revenue and expenditures are only reported once within the same fund on the State’s basic financial statements in accordance with generally accepted accounting principles (GAAP) and reported once on the Schedule in the primary recipient state entity. This method avoids duplication and the overstatement of the aggregate level of federal financial assistance expended by the State. However, purchases of services between state entities using federal monies are reported in the basic financial statements as expenditures or expenses by the purchasing entity and as revenues for services rendered by the providing entity.

NOTE 2. DE MINIMUS COST RATE

The Schedule includes a portion of costs associated with general activities which are allocated to federal financial assistance programs under negotiated formulas commonly referred to as indirect cost rates. Three State agencies (the Department of Commerce; the Department of Natural Resources’ Division of Forestry, Fire and State Lands; and the Utah State Tax Commission) and one component unit (Bridgerland Technical College) use the 10 percent de minimis cost rate.

NOTE 3. FEDERAL LOAN PROGRAMS AND LOAN GUARANTEES

Outstanding federal loan balances and loan guarantees:

<table>
<thead>
<tr>
<th>CFDA #</th>
<th>Description</th>
<th>Ending Amount at June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.433</td>
<td>Rural Housing Preservation Loans</td>
<td>$ 1,934,378</td>
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<tr>
<td>10.447</td>
<td>Rural Development Loans</td>
<td>$ 3,566,936</td>
</tr>
<tr>
<td>14.230</td>
<td>Rental Housing Rehabilitation Loans</td>
<td>$ 214,787</td>
</tr>
<tr>
<td>14.239</td>
<td>HOME Investment Partnerships Program Loans</td>
<td>$ 75,651,329</td>
</tr>
<tr>
<td>14.275</td>
<td>Housing Trust Fund Loans</td>
<td>$ 2,350,000</td>
</tr>
<tr>
<td>81.041</td>
<td>State Energy Program Loans</td>
<td>$ 1,379,443</td>
</tr>
<tr>
<td>84.032</td>
<td>Federal Family Education Loans Reinsurance</td>
<td>$ 684,578,679</td>
</tr>
<tr>
<td>84.038</td>
<td>Perkins Loan Program</td>
<td>$ 30,873,403</td>
</tr>
<tr>
<td>93.264</td>
<td>Nurse Faculty Loan Program (NFLP)</td>
<td>$ 632,627</td>
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<tr>
<td>93.342</td>
<td>Health Professions Student Loans</td>
<td>$ 3,466,293</td>
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<tr>
<td>93.364</td>
<td>Nursing Student Loans</td>
<td>$ 522,766</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 805,170,641</td>
</tr>
</tbody>
</table>
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Any administrative allowances expended under these programs during the year are included in the Schedule. Also included in the Schedule as required by Uniform Guidance, is the value of new loans and loan guarantees made during the year plus, as applicable, the beginning of the year loan balances and loan guarantees.

Some of the above loan programs require matching funds from the State. The HOME Loan Program requires a 25 percent match; the loans made with the match money are separate loans, accounted for separately, and are not included in the above numbers. Other loan programs above require a 0 to 25 percent match. The above numbers for these loan programs include the State match.

NOTE 4. FEDERAL REINSURANCE ON DEFAULTED LOANS

The Utah Higher Education Assistance Authority has entered into agreements with the U.S. Department of Education which provide for federal reinsurance against defaulted acquired student loans.

On December 18, 2015, the Consolidated Appropriations Act (2016, Pub. L. 114-113) was signed, which changed the federal reinsurance rates to 100% (formerly 98% and 95%) effective December 1, 2015.

Effective December 1, 2015, the federal reinsurance on defaulted loans is paid to the Program according to the following schedule:

<table>
<thead>
<tr>
<th>Annual Default Rate</th>
<th>Federal Reinsurance</th>
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</thead>
<tbody>
<tr>
<td>0% to less than 5%</td>
<td>100%</td>
</tr>
<tr>
<td>5% to less than 9%</td>
<td>100% of claims up to 5% and 90% of claims greater than 5% but less than 9%</td>
</tr>
<tr>
<td>9% or greater</td>
<td>100% of claims up to 5%, 90% of claims greater than 5% but less than 9%, and 80% of claims 9% or greater</td>
</tr>
</tbody>
</table>

As of June 30, 2019, the Utah Higher Education Assistance Authority had guaranteed student loans outstanding with a current principal and interest balance of approximately $684,578,679. Annual default rates for purposes of application of federal reinsurance are calculated on a federal fiscal year-end basis by dividing default claims filed for the year by the original guarantee amount of loans in repayment at the end of the preceding year. The Utah Higher Education Assistance Authority’s annual default rate was less than 5% for the federal fiscal year ended September 30, 2018.
NOTE 5.  **FEDERAL ENDOWMENT**

The Utah Arts Council of the Utah Department of Heritage and Arts maintains an endowment from the U.S. National Endowment for the Arts. The endowment is a permanent fund used to provide support for the Utah Arts Endowment Fund and was created with $600,000 of federal funds on September 26, 1991. Only the interest from the endowment is used to make grants to individual artists and ethnic art groups. The Utah Arts Endowment Fund also accepts donations that are used to make grants. During the year ended June 30, 2019, interest earnings and contributions were $21,766 and no grants were issued. The Utah Arts Endowment Fund balance at June 30, 2019, which comprises the federal endowment and donations, was $857,892.

Weber State University maintains an endowment from the U.S. Department of Education (CFDA #84.031). The endowment addresses the needs of students that have been placed in developmental mathematics and developmental English. It was created June 30, 2019, for 20 years with federal funds of $80,000 and $80,000 matching funds. Additional contributions of $80,000 will be made by the U.S. Department of Education and Weber State University in 2020, 2021, 2022 and 2023. The endowment fund balance of both federal and match funds at June 30, 2019, was $160,000.

NOTE 6.  **NONMONETARY ASSISTANCE INVENTORY**

As described previously in Note 1, nonmonetary assistance is reported in the Schedule based on the amount disbursed. As of June 30, 2019, the following inventories of nonmonetary assistance existed:

<table>
<thead>
<tr>
<th>Assistance</th>
<th>Inventory Balance June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Commodities</td>
<td>$1,630,057</td>
</tr>
<tr>
<td>Surplus Property</td>
<td>3,342</td>
</tr>
</tbody>
</table>

NOTE 7.  **WOMEN, INFANT, AND CHILDREN PROGRAM FOOD REBATES**

During the fiscal year ended June 30, 2019, the Utah Department of Health received $8,462,581 of cash rebates from infant formula manufacturers on the sale of formula to participants in the Women, Infants and Children (WIC) Program (CFDA #10.557). Rebate contracts with infant formula manufacturers are authorized by federal regulation 7 CFR 246.16a as a cost containment measure.

Rebates are reported as a reduction of expenditures previously incurred for WIC food benefit costs.

The cash rebates received in the fiscal year ended June 30, 2019, correspond to an annual average food benefit for 13,378 persons.
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

NOTE 8.  **RECONCILIATION OF EXPENDITURES TO FEDERAL REVENUES**

Expenditures reported in the Schedule agree with the federal revenues reported in the State’s basic financial statements with the following reconciling items:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Federal Expenditures from the Schedule</strong></td>
<td>$ 6,176,484,279</td>
</tr>
<tr>
<td><strong>Reconciling items:</strong></td>
<td></td>
</tr>
<tr>
<td>A. Federal Capital Contribution for loan programs reported as</td>
<td></td>
</tr>
<tr>
<td>federal revenue in the State’s Proprietary Fund and Component</td>
<td></td>
</tr>
<tr>
<td>Unit Financial Statements but not reported on the Schedule:</td>
<td></td>
</tr>
<tr>
<td>HOME Investment Partnership Loans (14.239)</td>
<td>3,417,205</td>
</tr>
<tr>
<td>Housing Trust Fund (14.275)</td>
<td>2,238,336</td>
</tr>
<tr>
<td>Higher Education Institutional Aid (84.031)</td>
<td>80,000</td>
</tr>
<tr>
<td>B. The federal expenditures reported on the Schedule for the</td>
<td></td>
</tr>
<tr>
<td>Board of Regents’ Student Loan Purchase Program and the Student</td>
<td></td>
</tr>
<tr>
<td>Loan Guarantee Program – Utah Higher Education Assistance</td>
<td></td>
</tr>
<tr>
<td>Authority difference between the federal reinsurance and</td>
<td>22,213,782</td>
</tr>
<tr>
<td>allowances/reimbursements reported in the Proprietary Fund</td>
<td></td>
</tr>
<tr>
<td>Financial Statements.</td>
<td></td>
</tr>
<tr>
<td>C. Federal flow-through funds for colleges and universities which</td>
<td></td>
</tr>
<tr>
<td>are not reported in the Component Unit Financial Statements as</td>
<td></td>
</tr>
<tr>
<td>federal revenue.</td>
<td>(42,868,028)</td>
</tr>
<tr>
<td>D. State-funded unemployment insurance expenditures reported on the</td>
<td></td>
</tr>
<tr>
<td>Schedule which are not reported as federal revenue in the</td>
<td></td>
</tr>
<tr>
<td>Proprietary Fund Financial Statements.</td>
<td>(152,196,569)</td>
</tr>
<tr>
<td>E. Build America Bonds subsidy is not covered by single audit</td>
<td>16,746,038</td>
</tr>
<tr>
<td>requirements.</td>
<td></td>
</tr>
<tr>
<td>F. Fund Financial Statements accrual of federal pass-through</td>
<td>67,204,312</td>
</tr>
<tr>
<td>revenues to local school districts.</td>
<td></td>
</tr>
<tr>
<td>G. Fund Financial Statements accrual of Medicaid pharmacy rebates.</td>
<td>(9,569,604)</td>
</tr>
<tr>
<td>H. Program Income for HOME Investment Partnership Loans (14.239)</td>
<td>(5,221,566)</td>
</tr>
<tr>
<td>I. Reed Act money spent that was received in prior years.</td>
<td>(2,746,960)</td>
</tr>
<tr>
<td>J. Loans and loan guarantees made are reported on the Schedule.</td>
<td>(1,246,523,811)</td>
</tr>
<tr>
<td>K. Other miscellaneous reconciling items, net.</td>
<td>(2,582,872)</td>
</tr>
<tr>
<td><strong>Total federal revenue per the Fund Financial Statements</strong></td>
<td>$ 4,826,674,542</td>
</tr>
</tbody>
</table>

**FEDERAL REVENUE PER THE FUND FINANCIAL STATEMENTS:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governmental Funds – Federal Grants and Contracts</td>
<td>$ 3,973,026,000</td>
</tr>
<tr>
<td>Proprietary Funds – Federal Reinsurance and</td>
<td></td>
</tr>
<tr>
<td>Allowances / Reimbursements</td>
<td>17,417,000</td>
</tr>
<tr>
<td>Proprietary Funds – Federal Grants</td>
<td>16,158,000</td>
</tr>
<tr>
<td>Component Units – Operating Grants and Contributions</td>
<td>1,570,438,000</td>
</tr>
<tr>
<td>Component Units – Capital Grants and Contributions</td>
<td>63,879,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>5,640,918,000</td>
</tr>
<tr>
<td>Less amounts included in the Component Unit</td>
<td></td>
</tr>
<tr>
<td>revenues for:</td>
<td></td>
</tr>
<tr>
<td>State, local, and other grants and contributions</td>
<td>(663,019,944)</td>
</tr>
<tr>
<td>Utah Transit Authority Single Audit filed separate</td>
<td>(93,409,713)</td>
</tr>
<tr>
<td>College and university federal flow-through funds</td>
<td>(57,813,801)</td>
</tr>
<tr>
<td>from State agencies</td>
<td></td>
</tr>
<tr>
<td>**Total federal revenue per the Fund Financial</td>
<td>$ 4,826,674,542</td>
</tr>
</tbody>
</table>
|   Statements**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
PART I. SUMMARY OF AUDITOR’S RESULTS

FINANCIAL STATEMENTS:

1. Type of auditor’s report issued: Unmodified

2. Internal control over financial reporting:
   • Material weaknesses identified? (2019-001)
     ___ x yes ___ no
   • Significant deficiencies identified? (2019-002)
     ___ x yes ___ none reported

3. Noncompliance material to financial statements noted?
     ___ yes ___ x no

FEDERAL AWARDS

4. Internal control over major programs
   • Material weaknesses identified?
     ___ x yes ___ no
     The material weaknesses relate to the following programs:
     CFDA 16.575 Crime Victim Assistance (#2019-017 through #2019-019)
   • Significant deficiencies identified?
     ___ x yes ___ none reported

5. Type of auditor’s report issued on compliance for major programs:
   Unmodified for all major programs except for the following programs which were qualified:
     CFDA 16.575 Crime Victim Assistance (#2019-017 and #2019-018)

6. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a) of the Uniform Guidance.
     ___ x yes ___ no
## SCHEDULE OF FINDINGS AND QUESTIONED COSTS

### PART I.  SUMMARY OF AUDITOR’S RESULTS

7. Identification of major programs:

<table>
<thead>
<tr>
<th>CFDA #</th>
<th>GRANT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.400</td>
<td>Military Construction</td>
</tr>
<tr>
<td>15.231 *</td>
<td>Fish, Wildlife and Plant Conservation Resource Management</td>
</tr>
<tr>
<td>15.509 *</td>
<td>BOR/Colorado River Basin Salinity</td>
</tr>
<tr>
<td>16.575</td>
<td>Crime Victim Assistance</td>
</tr>
<tr>
<td>16.576 *</td>
<td>Crime Victim Compensation</td>
</tr>
<tr>
<td>17.225</td>
<td>Unemployment Insurance</td>
</tr>
<tr>
<td>64.015</td>
<td>Veterans State Nursing Home Care</td>
</tr>
<tr>
<td>84.032</td>
<td>Federal Family Education Loans</td>
</tr>
<tr>
<td>84.126</td>
<td>Vocational Rehabilitation (VOCR)</td>
</tr>
<tr>
<td>93.575, 93.596</td>
<td>CCDF Cluster (Child Care)</td>
</tr>
<tr>
<td>93.658</td>
<td>IV-E AFDC Foster Care</td>
</tr>
<tr>
<td>93.659 *</td>
<td>IV-E Adoption Assistance</td>
</tr>
<tr>
<td>93.775, 93.777, 93.778</td>
<td>Medicaid Cluster (MED)</td>
</tr>
<tr>
<td>93.788 *</td>
<td>Opioid STR</td>
</tr>
<tr>
<td>Various</td>
<td>Student Financial Assistance (SFA) Cluster</td>
</tr>
</tbody>
</table>

* Type B Program

8. Dollar threshold used to distinguish between Type A and Type B programs: **$18,529,000**

9. Auditee qualified as low-risk auditee? [ ] yes [x] no
2019-001. **SEcurities Lending Transactions Not Reported**  
(School and Institutional Trust Funds Office)  

School and Institutional Trust Funds Office (SITFO) did not include an asset and liability of $77.7 million for cash collateral held for securities lending transactions prior to recommendations during its annual audit. GASB 28 requires that cash collateral held for securities lending transactions be recorded as an asset and an offsetting liability. Securities lending transactions were new to SITFO for the year and management was unfamiliar with all the accounting standards relating to the transactions. Omission of these balances leads to understated assets and liabilities.

**Recommendation:**

We recommend that SITFO include these transactions in the financial statements now that it is aware of the accounting requirements under GASB 28.

**SITFO’s Response:**

Management agrees with this finding.

2019-002. **Lack of Separation of Duties Within HRIS**  
(Utah Department of Human Resource Management)  

Within the Department of Human Resource Management’s (DHRM’s) Human Resource Information System (HRIS), 64 employees have the ability to both enter and approve an employee or salary action transaction. System users who enter transactions should be prevented from approving those same transactions. Because DHRM has not implemented proper separation of duties controls in HRIS, the risk of improper employee or salary actions being entered into HRIS is increased.

**Recommendation:**

We recommend DHRM properly separate the transaction entry and approval functions in HRIS.

**DHRM’s Response:**

The Department of Human Resource Management (DHRM) agrees with the finding. DHRM’s Human Resource Information System (HRIS) does allow system users to both enter and approve transactions. However, for Executive Branch employees, all transactions are reviewed by Employee Resource Information Center (ERIC) before the transaction
workflow is closed, as written in transaction Standard Operating Procedures (SOPs) found at cfe.utah.gov/hr-innovation/portfolio/. Non-executive branch agencies utilizing the HRIS are not required to follow DHRM SOPs. Therefore, there may be internal control deficiencies within these agencies.
UNTIMELY ENROLLMENT REPORTING
(Dixie State University)

CFDA Numbers and Titles:
- 84.063 Federal Pell Grant Program
- 84.268 Federal Direct Student Loans
- 84.038 Federal Perkins Loan Program

Federal Award Number: Various
Questioned Costs: $0
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

Dixie State University (University) did not ensure that enrollment status changes were reported to the National Student Loan Data System (NSLDS), via a third party servicer, in a timely manner for 4 of the 25 students sampled. The delays ranged from 21–28 days late. According to the NSLDS Enrollment Reporting Guide, the University must report attendance changes within 30 days of determination unless a roster will be submitted within 60 days.

The University’s current process does not fully capture the enrollment information for students who have withdrawn or graduated. Untimely reporting of enrollment status could cause inappropriate delays in converting student loans to repayment status, could affect the protection of a student’s interest subsidy, and may result in the distribution of incorrect student data.

**Recommendation:**

We recommend the University correct its current process to fully capture student enrollment information and properly report this information to NSLDS in a timely manner.

**University’s Response:**

We agree.
2019-004. **UNTIMELY LOAN DISBURSEMENT NOTIFICATION**  
(Dixie State University)

CFDA Number and Title: **84.268 Federal Direct Student Loans**  
Federal Award Number: **Various**  
Questioned Costs: **$0**  
Pass-through Entity: **N/A**  
Prior Year Single Audit Report Finding Number: **N/A**

The University’s Financial Aid Office failed to send disbursement notices within the required timeframe for all Spring 2019 semester direct student loan disbursements. Federal regulations (34 CFR 668.165) require disbursement notices to be sent to the student no earlier than 30 days before and no later than 30 days after crediting the student's account at the institution. The Financial Aid Office was not notified when the Information Technology Department made updates to the systems involved in generating the notices. Consequently, the Financial Aid Office did not perform testing after the update to ensure the systems would properly generate the required notifications. Not sending the appropriate disbursement notifications resulted in the University being noncompliant with federal regulations for all Federal Direct Student Loans disbursed in Spring 2019.

**Recommendation:**

*We recommend the University perform testing to ensure the systems used to generate loan disbursement notices properly generate and send notices within the required timeframe.*

**University’s Response:**

*We agree.*
2019-005. **ERRORS IN PROCESSING RETURN OF TITLE IV FUNDS**
(Salt Lake Community College)

CFDA Numbers and Titles:  
84.007 Federal Supplemental Educational Opportunity Grants  
84.033 Federal Work-Study Program  
84.063 Federal Pell Grant Program  
84.268 Federal Direct Student Loans

Federal Award Numbers: Various  
Questioned Costs: $309  
Pass-through Entity: N/A  
Prior Year Single Audit Report Finding Number: N/A

Salt Lake Community College (College) has not established a consistent or formal method to verify the processing of return of Title IV funds. As a result, the College did not correctly process the return of Title IV funds for 2 of 25 student records examined, as follows:

- The College incorrectly excluded a student’s subsidized direct loan amounts from the calculation of return of Title IV funds. This error resulted in the College returning $309 fewer Title IV funds than should have been returned. We have questioned these costs.

- The College did not return the amount earned by a student within the required 45-day timeframe.

2 CFR 200.303(a) requires an entity using federal money to have formal and effective internal controls over compliance requirements. In addition, 34 CFR 668.22(a) and (j) state that the institution is responsible to ensure the timely and accurate calculation and return of Title IV funds. Inadequate controls over processing return of Title IV funds could result in noncompliance with federal requirements.

**Recommendation:**

We recommend the College establish a consistent or formal method to verify the timely and accurate processing of return of Title IV funds.

**College’s Response:**

SLCC agrees with the finding.
2019-006.  **INACCURATE LINE ITEMS IN THE FISAP REPORT**  
(Southern Utah University)

CFDA Numbers and Titles:  
84.007  Federal Supplemental Educational Opportunity Grants  
84.033  Federal Work-Study Program  
84.063  Federal Pell Grant Program  
84.268  Federal Direct Student Loans

Federal Award Numbers:  Various  
Questioned Costs:  $0  
Pass-through Entity:  N/A  
Prior Year Single Audit Report Finding Number:  2016-011

The 2017-2018 Fiscal Operations Report and Application to Participate (FISAP report) submitted by Southern Utah University included information that either did not agree to supporting documentation or did not have supporting documentation:

<table>
<thead>
<tr>
<th>Line</th>
<th>Reported Amount</th>
<th>Supporting Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part II, Section E, Line 22.a</td>
<td>$64,956,052</td>
<td>No supporting documentation</td>
</tr>
<tr>
<td>Part II, Section E, Line 22.b</td>
<td>$6,936,732</td>
<td>No supporting documentation</td>
</tr>
<tr>
<td>Part III, Section B, Line 8.b</td>
<td>$9,370</td>
<td>$5,908</td>
</tr>
<tr>
<td>Part III, Section B, Line 9.a</td>
<td>97 Borrowers</td>
<td>129 Borrowers</td>
</tr>
<tr>
<td>Part III, Section C, Line 2.b</td>
<td>362 Borrowers</td>
<td>361 Borrowers</td>
</tr>
<tr>
<td>Part III, Section C, Line 2.c</td>
<td>$802,751</td>
<td>$791,835</td>
</tr>
<tr>
<td>Part III, Section C, Line 2.2.b</td>
<td>7 Borrowers</td>
<td>6 Borrowers</td>
</tr>
<tr>
<td>Part III, Section C, Line 2.2.c</td>
<td>$48,845</td>
<td>$37,929</td>
</tr>
<tr>
<td>Part IV, Section D, Line 15</td>
<td>$9,767</td>
<td>$7,470</td>
</tr>
<tr>
<td>Part V, Section D, Line 14</td>
<td>$213,260</td>
<td>$213,340</td>
</tr>
<tr>
<td>Part V, Section D, Line 14(b)</td>
<td>$16,915</td>
<td>$16,995</td>
</tr>
<tr>
<td>Part V, Section D, Line 15</td>
<td>$14,218</td>
<td>$10,159</td>
</tr>
<tr>
<td>Part V, Section D, Line 17</td>
<td>$227,478</td>
<td>$223,449</td>
</tr>
<tr>
<td>Part V, Section D, Line 28</td>
<td>$12,686</td>
<td>$16,995</td>
</tr>
<tr>
<td>Part V, Section D, Line 28(a)</td>
<td>$4,229</td>
<td>$16,995</td>
</tr>
<tr>
<td>Part V, Section D, Line 29</td>
<td>$16,915</td>
<td>$16,995</td>
</tr>
<tr>
<td>Part VI, Section A, Line 3.d</td>
<td>$20,788</td>
<td>$21,067</td>
</tr>
<tr>
<td>Part VI, Section A, Line 6.a</td>
<td>0 Recipients</td>
<td>1 Recipient</td>
</tr>
<tr>
<td>Part VI, Section A, Line 6.b</td>
<td>$0</td>
<td>$4,000</td>
</tr>
</tbody>
</table>

According to the FISAP instructions, each institution’s chief executive officer must certify that the data on the report is accurate. Although the report was certified, the University does not have adequate internal control to allow for proper verification of the report’s accuracy. During the report preparation, the University relied on a Common Origination Disbursement (COD) system validation report rather than performing a thorough review. Errors on the FISAP report could potentially affect the amount of aid awarded the University in future years.
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
PART III. FINDINGS AND QUESTIONED COSTS FOR FEDERAL AWARDS

U.S. DEPARTMENT OF EDUCATION

Recommendation:

We recommend the University establish internal controls to verify the accuracy of the FISAP report.

University’s Response:

We concur that there were several errors on the FISAP report due to input errors, wrong calculations, and other incorrect reporting errors. We acknowledge we have a responsibility to establish internal controls to ensure the accuracy of the FISAP report.

2019-007. UNTIMELY AND INACCURATE ENROLLMENT REPORTING
(Southern Utah University)

CFDA Numbers and Titles: 84.007  Federal Supplemental Educational Opportunity Grants
84.033  Federal Work-Study Program
84.063  Federal Pell Grant Program
84.268  Federal Direct Student Loans
84.038  Federal Perkins Loan Program

Federal Award Numbers: Various
Questioned Costs: $0
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

The University does not have sufficient controls to verify that student enrollment changes being submitted, via 3rd party, to the National Student Loan Data System (NSLDS) are accurate, timely, or complete. Due to the insufficient controls, the enrollment status for 12 out of 25 students tested was improperly reported to NSLDS, as follows:

- The University reported the enrollment status of six students between 2 and 213 days after the required time frame of 60 days.
- The enrollment status for eight students was reported inaccurately.

According to 34 CFR 682.610 step c and 34 CFR 685.300, institutions are required to ensure accurate, timely (within 60 days), and complete enrollment reporting to NSLDS, even when utilizing a 3rd party servicer. The University was unaware of the requirements and was relying upon the 3rd party servicer to ensure the accuracy and timeliness of the submissions. Noncompliance with enrollment reporting requirements could result in the University’s loss of future grant funding.
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
PART III. FINDINGS AND QUESTIONED COSTS FOR FEDERAL AWARDS

U.S. DEPARTMENT OF EDUCATION

Recommendation:

We recommend the University establish internal controls to ensure student enrollment changes are reported in an accurate and timely manner to NSLDS.

University’s Response:

We concur with this finding, as it exposed multiple holes in the enrollment reporting process through our third-party provider, which we have already begun addressing.

2019-008. FAILURE TO DESIGN AND IMPLEMENT INTERNAL CONTROLS OVER ENROLLMENT REPORTING
(University of Utah)

CFDA Numbers and Titles: 84.038 Federal Perkins Loan Program
84.063 Federal Pell Grant Program
84.268 Federal Direct Student Loans

Federal Award Numbers: Various
Questioned Costs: N/A
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

The University of Utah (University) did not design and implement internal controls to prevent or to detect and correct inaccurate and untimely student enrollment status reporting. As a result, we identified 3 instances of noncompliance from a sample of 25 students (a 12 percent error rate) as follows:

a. One student was reported as withdrawn although the University determined the student’s status to be graduated.

b. One student was reported as attending full-time although the University retroactively determined the status to be half-time.

c. One student was reported as attending half-time although the University retroactively determined the status to be withdrawn.

The University did not report the change of status of these three students within 60 days. According to 34 CFR 685.309, 34 CFR 682.610, 34 CFR 674.33, and the NSLDS Enrollment Reporting Guide, the University must report relevant enrollment changes within 30 days of determination unless a roster will be submitted within 60 days. Additionally, 2 CFR 200.303 requires non-federal entities to establish and maintain effective internal control that provides reasonable assurance that the non-federal entity is managing the
program in compliance with terms and conditions of the federal award. The University’s internal processes for enrollment reporting did not include reviewing graduation status error reports or the reports showing enrollment status changes. Inaccurate and untimely reporting to the NSLDS could cause inappropriate delays in converting student loans to repayment status and could also jeopardize a student’s interest subsidy.

**Recommendation:**

We recommend the University design and implement internal controls over changes in student enrollment status.

**University’s Response:**

The University agrees with the finding.

2019-009. **UNTIMELY REVIEW AND APPROVAL OF CASH DRAWS**

(Utah State University)

CFDA Numbers and Titles:  
- 84.007 Federal Supplemental Educational Opportunity Grants  
- 84.033 Federal Work-Study Program  
- 84.063 Federal Pell Grant Program  
- 84.268 Federal Direct Student Loans

Federal Award Numbers: **Various**

Questioned Costs: N/A

Pass-through Entity: N/A

Prior Year Single Audit Report Finding Number: N/A

Utah State University (University) did not perform post-draw reviews and approvals of any financial aid cash draws which occurred during our review period of July 2018 to March 2019. According to 2 CFR 200.303(a), the University should establish and maintain effective internal controls over federal awards that provide reasonable assurance that the University is in compliance with federal statutes. The University has established a policy that post-draw reviews be performed timely; however, employee turnover and lack of understanding the importance of this control resulted in the control failures. If cash draws are not reviewed in a timely manner, improper draws, questioned costs, or interest liabilities to the University could occur.
Recommendation:

We recommend the University review and approve draws timely in accordance with its policies.

University’s Response:

We agree with the finding.
2019-010. **UNTIMELY AND INCOMPLETE VALIDATION OF PROVIDER ELIGIBILITY**  
(Utah Department of Health)  

CFDA Number and Title: **93.778 Medical Assistance Program (Medicaid Title XIX)**  
Federal Award Numbers: **Various**  
Questioned Costs: $0  
Pass-through Entity: N/A  
Prior Year Single Audit Report Finding Number: N/A  

We sampled 40 providers to determine if the Department of Health (DOH) had properly determined eligibility for the Medicaid program. We noted the following errors related to two of the providers tested:  

a. DOH did not revalidate one provider until three years after the required date.  
   Federal regulations (42 CFR 455.414) require state Medicaid agencies to revalidate the enrollment of all providers at least every 5 years or terminate the enrollment. 42 CFR 455.416(d) allows state agency management to override a termination if it is not in the best interest of the Medicaid program, but provides no timeline for revalidating the provider after an extended enrollment. DOH enacted policies in 2018 to better document management overrides and only allow extensions up to 90 days. However, this particular override occurred before the new policies were put into place, and DOH did not adequately follow up on the override. This provider was properly revalidated in May 2019. Lack of timely follow-up on providers who have received an extension in revalidating could lead to the Medicaid Program paying providers who do not meet all of the requirements stipulated for receiving Medicaid funds. We did not question costs associated with this provider because the override in this situation was allowed by federal regulations.  

b. For one provider, DOH did not have a signed provider agreement on file as required by 42 CFR 431.107. This error was due to the caseworker’s oversight. Without a signed provider agreement on file, DOH cannot ensure that providers meet all eligibility requirements and have made the necessary disclosures, including certification that they have not been suspended or debarred. DOH subsequently received a signed provider agreement from this provider. Also, this provider was enrolled and eligible for the Medicare program, and per 42 CFR.410(c)(1), Medicaid can rely on the Medicare provider screening process. Thus, we did not question costs associated with this provider.  

**Recommendation:**  

We recommend that DOH:
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
PART III. FINDINGS AND QUESTIONED COSTS FOR FEDERAL AWARDS

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

a. Follow its standard operating procedures for revalidating which were established in 2018, including for those providers whose revalidation was overridden before those procedures were put into place.

b. Ensure that a signed agreement is on file for each provider.

DOH’s Response:

The Utah Department of Health agrees with this finding.

2019-011. ERRORS ON PART 4 OF THE CB-496 FINANCIAL REPORT
(Utah Department of Human Services)

CFDA Number and Title: 93.659 Adoption Assistance
Federal Award Numbers: 1801UTADPT, 1901UTADPT
Questioned Costs: $0
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

During our review of Part 4 of the CB-496 financial report submitted by the Department of Human Services (DHS) for the federal fiscal year ended September 30, 2018, we noted the following errors:

a. DHS submitted Part 4 one week after the required due date of October 30th because the program staff did not realize the report was due until after the due date. Untimely submission of reports results in noncompliance with the program requirements.

b. DHS incorrectly reported Expenditures of Adoption Savings as follows:
   - Line 10, amount spent on post adoption services, was overreported as $508,654 instead of $507,651.
   - Line 11, amount spent on children at risk of foster care, was underreported as $309,516 instead of $349,222.

The net effect of these errors was an underreporting of expenditures by $38,703. These errors occurred because the staff were unaware of hidden restrictors in their query of the state’s data warehouse while preparing the line items. Not accurately reporting information results in inaccurate and/or incomplete program information being provided to users of the reports.
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Recommendation:

We recommend that DHS establish appropriate internal controls over reporting to ensure that staff responsible for preparing the reports understand the reporting requirements and that supervisors reviewing the reports to ensure they are accurate and submitted timely.

DHS’s Response:

We agree the federal Part 4 report should be submitted timely and properly reported.

2019-012. CCDF BENEFIT OVERPAYMENTS DUE TO ELIGIBILITY SYSTEM UPDATES
(Utah Department of Workforce Services)

CFDA Numbers and Titles:  1) 93.575 Child Care and Development Block Grant
                           2) 93.596 Child Care Mandatory and Matching Funds of the Child Care and Development Fund

Federal Award Numbers:  1) G-1901UTCCDD
                           2) G1701UTCCDF, G1801UTCCDF, G1901UTCCDF, G1901UTCCDM

Questioned Costs: $1,518
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

The Department of Workforce Services’ (DWS) eligibility system, eRep, incorrectly calculated Child Care benefit payments for 2 of 60 sample cases—a 3.3 percent error rate. The sampled case expenditures totaled $44,789 and were taken from a total population of $68,345,793. We have questioned the overpayments of $60 related to the sample cases and the additional costs of $1,458 paid on behalf of these two clients during fiscal year 2019, totaling $1,518.

Federal regulations (45 CFR 98.45) require DWS to establish and periodically revise a sliding fee scale based on income, family size, and other factors to create a range of child care options. Department policy considers income, family size, and participant work hours as factors in determining benefits. DWS implemented code changes in eRep that inadvertently caused the system to use the wrong sliding fee scale to calculate benefits for work training program participants. DWS did not test updates to eRep in its general change management to ensure the system properly integrated the changes. Incorrect calculations of benefit payments can result in benefit overpayments and noncompliance with grant requirements.
Recommendation:

We recommend DWS test updates to eRep prior to deployment.

DWS’s Response:

We agree with the finding and recommendation.

2019-013. CHILD CARE PROVIDER OVERPAYMENTS DUE TO INSUFFICIENT REVIEWS
(Utah Department of Workforce Services)

CFDA Numbers and Titles: 1) 93.575 Child Care and Development Block Grant 2) 93.596 Child Care Mandatory and Matching Funds of the Child Care and Development Fund

Federal Award Numbers: 1) G-1901UTCCDD 2) G1701UTCCDF, G1801UTCCDF, G1901UTCCDF, G1901UTCCDM

Questioned Costs: $392,682
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

As part of the department’s annual risk assessment, the Director of DWS’s Office of Child Care identified provider subsidy overpayment and provider agreement noncompliance as risks of noncompliance and communicated these risks to the Internal Audit Director. DWS had recently transitioned provider payments from participant benefit cards to direct provider payments.

DWS Internal Audit conducted audits of child care providers who received federal benefit subsidy payments between September 2016 and June 2019. Internal Audit identified providers with insufficient participant attendance records to support the subsidy payments, resulting in questioned costs totaling $392,682. Utah Administrative Code (R986-700-706) and DWS’s Payment to Provider Terms and Conditions agreements require providers to “keep accurate records of subsidized child care payments, and time and attendance” to which DWS “has the right to investigate…and audit.”

Internal Audit determined it was upon DWS’s transition to the direct provider payment process that the authorized providers began failing to maintain accurate time and attendance records or accurately certify attendance records on a monthly basis. Additionally, the Office of Child Care did not adequately obtain, process, and evaluate the voluminous and varied provider records. Inadequate monitoring of provider agreements, including original
attendance records and certifications, could cause DWS to incur undetected unallowable costs. Subsequent to the issuance of its reports, Internal Audit determined that DWS had initiated overpayment recovery through its overpayment division.

**Recommendation:**

We recommend DWS implement appropriate reviews of provider agreements, including original attendance records, to substantiate federal subsidy payments.

*DWS’s Response:*

*We agree with the finding and recommendation.*
2019-014. **INCONSISTENT COMPENSATION THRESHOLD AND INAPPROPRIATE ALLOCATION**  
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

CFDA Number and Title: **16.576 Crime Victim Compensation**  

Questioned Costs: $0  
Pass-through Entity: N/A  
Prior Year Single Audit Report Finding Number: **2018-029**

We sampled 40 Crime Victim Compensation (CVC) expenditures and selected 12 additional significant items at the Utah Office for Victims of Crime (UOVC), a division of the Commission on Criminal and Juvenile Justice (CCJJ), and noted the following noncompliance and internal control issues:

a. UOVC does not have policies and procedures to ensure it classifies claims and determines appropriate reparation in a consistent manner and maintains supporting documentation for the decisions. Instead, UOVC classifies claims on a case-by-case basis. We noted 2 of the 40 claims tested for which the reparations officer granted an increased award amount without supporting documentation. The two increased awards concerned the difference between aggravated versus non-aggravated assault. Lack of policies and procedures results in inconsistent claim classification which could, in turn, result in exceeding the aggregate amount allowed per crime as stated in *Utah Code* 63M-7-511.5. Because the reparation paid on these two claims did not exceed the amount related to the proper classification, we have not questioned any costs associated with these claims.

b. UOVC improperly documented and recorded $1,140 paid to a secondary victim for lost wages. The lost wages were shown in the Claims Management System (CMS) under the primary victim’s benefits rather than the secondary victim’s benefits. Payments for secondary victims reduce the victim’s maximum award (*Utah Code* 63M-7-511.5) and could result in the primary victim not receiving compensation for all eligible reimbursements. Because the reparation paid on this claim did not exceed the aggregate amount allowed, we have not questioned any costs associated with the claim.

**Recommendations:**

We recommend UOVC:
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a. Implement policies and procedures to ensure appropriate reparations are applied in a consistent manner and award decisions are adequately documented.

b. Ensure any changes to approved benefits, made after the original eligibility determination, are adequately supported and documented.

_UOVC’s Response:_

_UOVC agrees._

2019-015. **EXPENDITURES NOT MONITORED FOR PERIOD OF PERFORMANCE PURPOSES**

(Purpose: Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

**CFDA Number and Title:** 16.576 Crime Victim Compensation

**Federal Award Numbers:** 2015-VC-GX-0032, 2016-VC-GX-0057, 2017-VC-GX-0019, 2018-V1-GX-0026

**Questioned Costs:** N/A

**Pass-through Entity:** N/A

**Prior Year Single Audit Report Finding Number:** 2018-032

_UOVC does not monitor or verify that expenditures charged to the CVC program occurred during each award’s period of performance. Funding for this program is derived from both state and federal resources, is recorded in one fund code in FINET, and includes multiple federal awards, each of which have a four-year period of performance requirement. UOVC does not charge the majority of CVC expenditures to a specific award and does not perform any allocation after the fact. The 2017 Department of Justice Grants Financial Guide specifically states that for this program there is no financial requirement to identify the source (federal or state) of individual payments to crime victims. However, without an allocation or some other way to identify the expenditures to a specific federal award, we could not perform appropriate audit procedures to determine compliance with period of performance requirements. By not adequately tracking spending for period of performance purposes, UOVC could be spending funds outside the allowable period._

**Recommendation:**

_We recommend UOVC charge expenditures to specific awards or otherwise identify the source (federal or state) of payments to crime victims or obtain a waiver from the U.S. Department of Justice stating this requirement does not apply to this program._
UOVC’s Response:

UOVC agrees.

2019-016. INACCURATE SPECIAL AND PERFORMANCE REPORTS
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

CFDA Number and Title: 16.576 Crime Victim Compensation
Questioned Costs: N/A
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: 2018-031

UOVC has not established adequate internal controls over the State Certification Form and the annual performance report. Federal regulations (200 CFR 200.303(a)) state, “The non-Federal entity must establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award.” We selected one performance report and one state certification report submitted during state fiscal year 2019 and noted the following internal control issues and inaccuracies:

Inaccuracies in the CVC State Certification Form:

The State Certification Form is a federal financial report prepared from information in FINET (the State’s accounting system) and from supporting documentation. The following errors in the report indicate that UOVC’s review of this report is not effective in preventing, or detecting and correcting, errors in the report.

- Subrogation Recoveries, Part I Line B2 & Part II Line A7, was overstated by $2,653
- Restitution Recoveries, Part I Line B3 & Part II Line A8, was overstated by $2,654
- Fines and Penalties, Part II Line A4, was overstated by $2,650
- Earned Interest, Part II Line A11, was overstated by $1,560
- Reserves Carried Over, Part II Line A12, was overstated by $50,474
- VOCA Grant Funds, Part II Line C, was overstated by $9,811

The amounts reported in this report should agree to FINET since FINET contains the accounting records that support the audited financial statements and the Schedule of Expenditures of Federal Awards. These errors were caused by inaccurate calculations by
UOVC personnel that prepared the report. Inaccuracies in the State Certification Form can impact future program awards.

**Inaccuracies in the Performance Report**

The “Victims of Crime Act Compensation Grant Program State Performance Report” (Performance Report) is an annual report derived from information in UOVC’s Claims Management System. UOVC does not have sufficient controls to ensure the report is submitted with accurate data. We reviewed random line items in the report and noted the following errors:

- The amounts paid for each “crime type” were incorrectly reported on the Performance Report. Because FINET is not configured to track compensation payments by individual crime type, UOVC uses the amounts from the Claims Management System on the Performance Report. When the total amount paid for all crimes on the Performance Report did not match the amount reported in FINET, UOVC arbitrarily reduced the amount reported for the “Other” category (since it is the largest of the categories) by $6,156 so the total matched the amount reported in FINET.

- The required performance measurements that went into effect October 2015, e.g., dollar amount of expenses paid by category and type of crime, are not tracked. UOVC has a 2015 correspondence from the Department of Justice stating that these items can be reported as “not tracked.” The correspondence also stated that UOVC should comply as quickly as possible to start tracking the required measurements but did not give an implementation deadline. As of June 2019, these required performance measures are still being reported as “not tracked.” In addition to the “not tracked” performance measures, many of the reporting errors noted below resulted from the Claims Management System not being properly programmed to produce the required information for the Performance Report.

- UOVC’s Claims Management System contains different age ranges for 4 of 6 age categories required on the Performance Report. As such, we were unable to calculate the correct number of applicants within the age ranges requested on the Performance Report. The Claims Management System is not properly programmed to generate reports for the proper age categories.

- The “Number of applications denied/closed” during the reporting period was understated by 7 applications due to inaccurate input in the report. UOVC understated the number of applications denied/closed for “incomplete information”
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by 4 and understated the number of applications denied/closed for “other” reasons by 3.

UOVC should take greater care when entering data into the Claims Management System and preparing the Performance Report. Without tracking or properly generating the required performance measures, UOVC cannot provide the Department of Justice with the critical information needed to know how this program is being administered to help victims of various crimes.

Recommendations:

We recommend UOVC:

- Implement internal controls to ensure the required reports are prepared in an accurate manner. Such a control would typically include training for UOVC staff and a review by an individual other than the preparer.

- Implement internal controls to ensure the Claims Management System is programmed to accurately capture all data elements required for the Victims of Crime Act Compensation Grant Program State Performance Report.

UOVC’s Response:

UOVC agrees.

2019-017. ERRORS IN AND INADEQUATE INTERNAL CONTROLS OVER REPORTING AND EARMARKING
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

CFDA Number and Title: 16.575 Crime Victim Assistance
Questioned Costs: N/A
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: 2018-025

UOVC has not established internal controls over the Crime Victim Assistance (CVA) program’s financial and performance reports and administrative expenditure earmarking requirements. Federal regulations (200 CFR 200.303(a)) state, “The non-Federal entity must establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in
compliance with Federal statutes, regulations, and the terms and conditions of the Federal award.” We selected three financial reports and one performance report submitted during state fiscal year 2019 and noted the following deficiencies in the submitted reports.

**Errors in Federal Financial Reports (SF-425)**

The financial reports were prepared using information generated by UOVC’s internally developed Grant Management System (GMS) which did not agree to information recorded in FINET. While UOVC indicated that the GMS is reconciled to FINET on a monthly basis, we identified the following inaccuracies as we traced the reported amounts to FINET:

- The Federal Share of Expenditures (line 10.e) reported on the 2015 Award’s September 30, 2018 quarterly report was understated by $3,558.
- The Federal Share of Expenditures (line 10.e) reported on the 2016 Award’s December 31, 2018 quarterly report was understated by $949,514, mainly due to the report excluding expenditures for December 2018.

The amounts on the federal financial reports should agree to FINET since FINET contains the accounting records that support the audited financial statements and the Schedule of Expenditures of Federal Awards. These errors occurred because of calculation errors and because UOVC does not use expenditures recorded in FINET to prepare the reports. This practice could permit improper amounts to be reported on the SF-425 without detection, which could potentially affect future program funding.

**Subrecipient-Reported Information Not Adequately Verified**

UOVC does not perform procedures to verify the earmarking information reported on the U.S. Department of Justice, Office for Victims of Crimes Annual Performance Measurement Tool (PMT) Report. This information is used to ensure the requirements are met related to the 30 percent minimum earmarking for priority categories of crime victims and the 10 percent minimum earmarking for previously underserved victims of violent crimes. As part of its monitoring procedures, UOVC selects one of a subrecipient’s reimbursement requests, obtains supporting documentation for the reported amounts, including earmarking amounts, and performs a desk audit to determine the validity of the numbers reported. These desk audits focus on a single reimbursement request by a subrecipient and do not determine the validity of all amounts reported.

Because UOVC does not obtain and review supporting documentation for all necessary data elements, we were unable to determine whether UOVC actually met the 30 percent priority category and 10 percent previously underserved earmarking requirements. All information submitted on the Annual PMT Report should be verified either by obtaining and reconciling supporting documentation to the reported amounts or by performing other procedures to
validate the accuracy of the reported amounts and other performance measures submitted by the subrecipients. Inaccurate information on the Annual PMT Report, whether provided to UOVC by the subrecipients or reported by UOVC, could permit program purposes and performance measures to be overlooked or ignored without detection and could potentially affect future program funding.

Recommendations:

We recommend UOVC:

- Establish internal controls over the preparation of financial and performance reports, which could include a review by an individual other than the preparer.
- Prepare the financial and performance reports using expenditures recorded in FINET to ensure the accuracy in accordance with applicable reporting instructions.
- Establish procedures to verify all amounts reported by UOVC on the Annual PMT Report, particularly those amounts related to earmarking requirements.

UOVC’s Response:

UOVC agrees.

2019-018. ON-SITE VISITS NOT PERFORMED BI-ANNUALLY
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

CFDA Number and Title: 16.575 Crime Victim Assistance
Questioned Costs: N/A
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: 2018-026

UOVC has not performed bi-annual on-site visits to its subrecipients. Because UOVC is required to perform on-site visits once every two years, we reviewed UOVC’s monitoring efforts for the 2015-2017 federal fiscal awards. For all 20 subrecipients in our sample (a 100% error rate), UOVC did not perform and document an on-site visit during the last two years. Federal regulations (28 CFR 94.106(b)) require state administering agencies to conduct on-site monitoring of all subrecipients at least once every two years. However, UOVC’s Monitoring Policies and Procedures state that on-site visits should be conducted “as staffing allows” and do not specify a time period. UOVC should ensure its written Monitoring Policies and Procedures are in line with the federal regulations. Also, UOVC...
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should maintain a copy of site visit results to document its compliance. Inadequate monitoring of subrecipients could result in noncompliance with grant requirements.

Recommendation:

We recommend UOVC revise its procedures to ensure it properly performs and documents its on-site visits to subrecipients in accordance with 28 CFR 106(b).

UOVC’s Response:

UOVC agrees.

2019-019. INCONSISTENCY AND CALCULATION ERRORS IN FEDERAL CASH DRAWS
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

CFDA Number and Title: 16.575 Crime Victim Assistance
Questioned Costs: $0
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: 2018-027

UOVC lacks procedures to ensure that cash draws are made in a consistent manner. As a result, 4 (50%) of the 8 cash draw requests tested included errors that had a net effect of $34,282 being underdrawn for the CVA program. UOVC should develop effective internal controls over cash management by establishing and following procedures to ensure cash draws capture all expenditures recorded in FINET up to the draw date and are properly calculated. Drawing funds on an inconsistent basis can result in noncompliance with federal cash management requirements and possible lost interest for the State.

Recommendation:

We recommend UOVC establish procedures to ensure cash draws are made in a consistent manner, including:

- Capturing all expenditures recorded in FINET up to the draw date.
- Properly calculating draw requests.

UOVC’s Response:

UOVC agrees.
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2019-020. CHECKS ISSUED TO INCORRECT VENDORS
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)

CFDA Number and Title: 16.575 Crime Victim Assistance
Federal Award Numbers: 2016-VA-GX-0052
Questioned Costs: $0
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

UOVC disbursed four CVA program checks totaling $42,286 to incorrect vendors. These checks were subsequently cancelled and the payments sent to the correct vendor; therefore, we have not questioned any costs. Before cash disbursements are approved and distributed, a financial manager should review the transactions to ensure they are the proper amounts, allowable, and match supporting documentation. These errors occurred during UOVC’s transition to a grants management sub system that interfaces with FINET; an office specialist entered incorrect vendor numbers and financial managers failed to perform adequate reviews. Inadequate internal controls over cash disbursements could result in questioned costs and noncompliance with grant requirements.

Recommendations:

We recommend UOVC:

- Ensure vendor information in the UOVC grants management system is correct.
- Strengthen its review process over disbursements.

UOVC’s Response:

UOVC agrees.
2019-021. WORK HOURS AND EARNINGS DISREGARDED IN UNEMPLOYMENT INSURANCE BENEFIT OVERPAYMENT DETERMINATION
(Utah Department of Workforce Services)

CFDA Number and Title: 17.225 Unemployment Insurance
Federal Award Number: UI-32629-19-55-A-49
Questioned Costs: N/A
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: N/A

For 1 of 60 potential overpayments tested, DWS did not properly consider claimant work hours and earnings when determining whether Unemployment Insurance benefits were overpaid. Federal regulations defer overpayment identification to state policies and procedures, which dictate that DWS personnel consider all claimant work hours and earnings as part of the benefit overpayment determination. DWS personnel did not follow procedures or perform mitigating quality reviews to sufficiently prevent or detect and correct the errors. Failure to properly determine benefit overpayments results in misuse of program funds and overpayment penalties not being assessed.

Recommendation:

We recommend DWS:
- ensure personnel follow established policies and procedures, and
- strengthen mitigating quality reviews of benefit overpayment determination.

DWS’s Response:

We agree with the finding and recommendation.
2019-022. **INACCURATE STATE HOME REPORT AND STATEMENT OF FEDERAL AID CLAIMED**  
(Utah Department of Veterans and Military Affairs)

CFDA Number and Title: 64.015 Veterans State Nursing Home Care  
Federal Award Numbers: UT660DV, UT6602, UT6603, UT6604  
Questioned Costs: $0  
Pass-through Entity: N/A  
Prior Year Single Audit Report Finding Number: N/A  

We tested eight State Home Report and Statement of Federal Aid Claimed reports (VA Form 10-5588) prepared by the nursing homes overseen by the Utah Department of Veterans and Military Affairs (UDVMA). Four of the eight reports tested had inaccurate amounts on several line items as follows:

- **Line 22C, Direct and Indirect Cost, and 22D, Daily Cost of Care for the Month:** Incorrect indirect costs were used on all four reports, and incorrect direct costs were used on two of the reports. Per the form instructions, Line 22D is calculated using the amounts in line 22C; thus, the four reports with errors on line 22C also contained errors on Line 22D. The errors ranged from an understatement of $16,135 to an overstatement of $3,791.

- **Line 22B, Average Daily Census:** An error was noted in the Average Daily Census value for one submitted report. The value was adjusted on several lines of the report and the report was resubmitted; however, this value was not correctly adjusted on Line 22B. As a result, the value reported on Line 22B was incorrect by one person.

- **Line 17B, Total Non-Eligible Veterans and Civilian Residents Remaining at the End of the Month:** The value on Line 17B of two reports tested did not match the resident rosters and was incorrectly reported by one resident on one report and two residents on the other report.

- **Line 20B, Total Days of Care Furnished to Non-eligible Veterans and Civilians:** The value on Line 20B of one report tested did not match the resident rosters and was incorrectly reported by 24 days.

- **Line 19B, Female Veterans Residents Remaining at the End of the Month:** The value on Line 19B of one of the reports tested did not match the resident rosters and was incorrect by one resident.

The UDVMA should develop a sound methodology for use by the nursing homes in preparing VA Form 10-5588 to ensure that all information presented on the form matches the supporting documents. The errors above occurred due to improper design and implementation of controls and a lack of understanding by the various nursing homes on how to complete the forms. These type of errors can result in questioned costs and loss of
future federal funding. Because the errors noted did not change the amount that UDVMA requested for reimbursement, we have not questioned any costs.

**Recommendations:**

We recommend the UDVMA:

- Adopt a formal methodology for calculating direct and indirect costs that adheres to the VA Form 10-5588 instructions.
- Ensure that all UDVMA nursing homes receive training on completing the VA Form 10-5588 using the adopted methodology.
- Develop and put into place stronger controls for identifying reporting errors.

**UDVMA's Response:**

UDVMA agrees with the finding. As stated in the finding, errors noted did not change the dollar amount that the UDVMA requested from the VA for reimbursement.
2019-023. **WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES**  
(Department of Administrative Services)

CFDA Numbers and Titles: Various  
Federal Award Numbers: Various  
Questioned Costs: Undeterminable  
Pass-through Entity: N/A  
Prior Year Single Audit Report Finding Number: 2018-033

As of June 30, 2019, two funds within the Department of Administrative Services held working capital reserves in excess of federal guidelines as follows:

<table>
<thead>
<tr>
<th>Fund Description</th>
<th>Excess # of Days</th>
<th>Excess Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Division of Purchasing and General Services:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooperative Contract Management</td>
<td>143</td>
<td>$1,307,071</td>
</tr>
<tr>
<td>Print Services</td>
<td>4</td>
<td>$20,623</td>
</tr>
<tr>
<td>State Surplus Property</td>
<td>138</td>
<td>$212,679</td>
</tr>
<tr>
<td>Division of Risk Management:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Workers Compensation Fund</td>
<td>29</td>
<td>$596,647</td>
</tr>
<tr>
<td>Property Liability Self-Insurance Fund</td>
<td>80</td>
<td>$3,793,525</td>
</tr>
</tbody>
</table>

2 CFR part 200, Appendix V, paragraph G.2, generally allows a working capital reserve as part of retained earnings of up to 60 days cash expenses for normal operating purposes in each internal service fund. It is inherently difficult to accurately estimate expenses and their effect on working capital reserves when setting rates. Excess reserves could result in a federal liability since federal programs share an interest in the reserves.

**Recommendation:**

Depending on the business requirements, we recommend that the Department of Administrative Services reduce excess working capital reserves within each of the respective funds or obtain a waiver from the federal cost negotiator allowing for an increase in the number of days of working capital allowed to comply with federal guidelines.

**Department of Administrative Services’ Response:**

The Department of Administrative Services concurs with the findings.
2019-024. WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES
(Department of Human Resource Management)

CFDA Numbers and Titles: Various
Federal Award Numbers: Various
Questioned Costs: Undeterminable
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: 2018-034

As of June 30, 2019, the Department of Human Resource Management held working capital reserves in excess of federal guidelines as follows:

Service Area Level – Payroll Field Services
Excess # of Days in Reserve – 34
Excess Amount in Reserve – $57,708

2 CFR part 200, Appendix V, paragraph G.2, generally allows a working capital reserve as part of retained earnings of up to 60 days cash expenses for normal operating purposes in each internal service fund. It is inherently difficult to accurately estimate expenses and their effect on working capital reserves when setting rates. Excess reserves could result in a federal liability since federal programs share an interest in the reserves.

Recommendation:

Depending on the business requirements, we recommend that the Department of Human Resource Management reduce excess working capital reserves for its Payroll Field Services service area level or obtain a waiver from the federal cost negotiator allowing for an increase in the number of days of working capital allowed to comply with federal guidelines.

DHRM’s Response:

The Department of Human Resource Management (DHRM) agrees with the finding. DHRM is aware that the working capital reserves held in retained earnings exceeded the allowable 60 days of cash expenses on June 30, 2019 at the fund level due to excess reserves in Payroll Field Services.
2019-025. **WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES**
(Department of Technology Services)

CFDA Numbers and Titles: **Various**
Federal Award Numbers: **Various**
Questioned Costs: **Undeterminable**
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: **2018-035**

As of June 30, 2019, the Department of Technology Services held working capital reserves in excess of federal guidelines as follows:

- **Service Area Level – Hosting Services**
- **Excess # of Days in Reserve** – 59
- **Excess Amount in Reserve** – $2,581,609

2 CFR part 200, Appendix V, paragraph G.2, generally allows a working capital reserve as part of retained earnings of up to 60 days cash expenses for normal operating purposes in each internal service fund. However, based on federal cost negotiator guidelines, the Department’s reserves are currently calculated at the service area level with a maximum allowed 45 days of reserves. It is inherently difficult to accurately estimate expenses and their effect on working capital reserves when setting rates. Excess reserves could result in a federal liability since federal programs share an interest in the reserves.

**Recommendation:**

Depending on the business requirements, we recommend the Department of Technology Services reduce excess working capital reserves for its Hosting Services service area level or obtain a waiver from the federal cost negotiator allowing for an increase in the number of days of working capital allowed to comply with federal guidelines.

**Department’s Response:**

We agree with the findings from the State Auditor’s Office.
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VARIOUS FEDERAL AGENCIES

2019-026. WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES
(Public Employees Health Program)

CFDA Numbers and Titles: Various
Federal Award Numbers: Various
Questioned Costs: Undeterminable
Pass-through Entity: N/A
Prior Year Single Audit Report Finding Number: 2018-036

As of June 30, 2019, the Public Employees Health Program (PEHP) held working capital reserves in excess of federal guidelines as follows:

<table>
<thead>
<tr>
<th>Program</th>
<th>Excess # of Days in Reserve</th>
<th>Excess Amount in Reserve</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Medical</td>
<td>28</td>
<td>$ 25,259,543</td>
</tr>
<tr>
<td>State Dental</td>
<td>17</td>
<td>$ 813,689</td>
</tr>
<tr>
<td>Long-Term Disability</td>
<td>193</td>
<td>$ 3,496,800</td>
</tr>
<tr>
<td>Medicare Supplement</td>
<td>145</td>
<td>$ 18,989,366</td>
</tr>
</tbody>
</table>

2 CFR part 200, Appendix V, paragraph G.2, generally allows for a working capital reserve as part of retained earnings of up to 60 days cash expenses for normal operating purposes. It is inherently difficult to accurately estimate expenses and their effect on working capital reserves when setting rates. Excess reserves could result in a federal liability since federal programs share an interest in the reserves.

Recommendation:

Depending on the business requirements, we recommend that PEHP reduce excess working capital reserves or obtain a waiver from the federal cost negotiator allowing for an increase in the number of days of working capital allowed to comply with federal guidelines.

PEHP’s Response:

PEHP agrees that reserves are in excess of the federally allowed guidelines.
2019-027. **ERRORS IN RANDOM MOMENT TIME STRIKE (RMTS) STUDY**  
(Utah Department of Workforce Services)

CFDA Numbers and Titles:   Various  
Federal Award Numbers:   Various  
Questioned Costs:   N/A  
Pass-through Entity:   N/A  
Prior Year Single Audit Report Finding Number:   N/A

DWS did not properly execute the random moment time study (RMTS) as developed and approved for its cost allocation plan. As a result, the following errors occurred in fiscal year 2019’s first quarter:

a. Payroll costs for 18 employees, or 1.9% of pool employees, were inappropriately included in the RMTS pool to be allocated.

b. Payroll costs for 2 employees, or 0.21% of pool employees, were inappropriately excluded from the RMTS pool to be allocated.

c. Four employees, or 0.42% of pool employees, were inappropriately excluded from taking the RMTS survey.

DWS’s federally-approved cost allocation plan indicates the intended goal of the RMTS is to provide a simple, efficient, and reasonable methodology to appropriately allocate costs to the programs/activities that benefit from the costs within the requirements of Uniform Guidance. DWS’s plan outlines the proper inclusion of employee RMTS surveys to determine appropriate allocation percentages. Improper RMTS and payroll coding resulting from employee turnover and employee misunderstanding of job duties caused these errors to occur. The incorrect inclusion and exclusion of costs to be allocated in the pool, compounded with disproportionate allocation percentages from the RMTS, could result in unallowable costs charged to federal programs.

**Recommendation:**

We recommend DWS:

- ensure its internal controls operate as designed to prevent, or to detect and correct, RMTS and payroll coding errors;
- maintain the integrity of its internal controls with mitigating controls, especially during periods of transition; and
- provide adequate staff training and communication for RMTS policies and procedures.

**DWS’s Response:**

We agree with the finding and recommendation.
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CORRECTIVE ACTION PLAN
December 16, 2019

John Dougall
State Auditor
Office of the Utah State Auditor
Utah State Capitol Complex Suite E310
Salt Lake City, Utah 84114

Dear Mr. Dougall,

Enclosed with this letter is the State of Utah’s Corrective Action Plan for the audit findings in the fiscal year 2019 single audit report.

The State’s Corrective Action Plan is a compilation of the corrective action plan information provided to us by the applicable state agencies. The Corrective Action Plan document is prepared in conjunction with your fiscal year 2019 single audit. We believe it satisfies the requirements in the Federal Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards §200.511(c) for a corrective action plan.

We appreciate the efforts of the Office of the Utah State Auditor in completing the Single Audit for the State for fiscal year 2019. If you have any questions regarding this Corrective Action Plan, please do not hesitate to contact our office.

Sincerely,

John C. Reidhead, CPA
Director of Finance

Attachment
FINDINGS RELATING TO THE FINANCIAL STATEMENTS:

2019-001. SECURITIES LENDING TRANSACTIONS NOT REPORTED

**State Agency:** School and Institutional Trust Funds Office

Management has corrected the asset and liability presentation to ensure securities lending collateral is reflected according to GASB reporting requirements.

Contact Person: Ryan Kulig, Administrative Analyst, (801) 355-3070
Anticipated Correction Date: October 2019

2019-002. LACK OF SEPARATION OF DUTIES WITHIN HRIS

**State Agency:** Department of Human Resource Management

DHRM will investigate whether internal controls within the HRIS are necessary for non-executive branch agencies utilizing HRIS. Additionally, DHRM will review current transaction SOPs to determine if internal controls for Executive Branch agency transactions are adequately mitigating the risk of improper employee or salary actions being entered into HRIS.

Contact Person: Mysti Miskimins, Financial Director, 385-256-5394
Anticipated Correction Date: June 30, 2020

FINDINGS RELATING TO FEDERAL AWARDS:

U.S. DEPARTMENT OF EDUCATION:

2019-003. UNTIMELY ENROLLMENT REPORTING

**State Agency:** Dixie State University

**Federal Program:**
- 84.063  Federal Pell Grant Program
- 84.268  Federal Direct Student Loans
- 84.038  Federal Perkins Loan Program

Dixie State University will report a final semester enrollment status report to NSLDS via the Clearinghouse after final grades are entered and the unofficial withdrawal process has been completed. The report will be sent to the Clearinghouse before the next semester’s report is due. By sending this report, we will meet the required reporting timelines and the correct enrollment status for students who fail to complete a semester.

Contact Person: Julie Stender, Registrar, (435) 652-7703
Anticipated Correction Date: Already completed and implemented
2019-004. **UNTIMELY LOAN DISBURSEMENT NOTIFICATION**

**State Agency:** Dixie State University  
**Federal Program:** 84.268 Federal Direct Student Loans

The issue discovered during the recent audit concerning our loan disbursement notices was a result of an imaging/indexing software upgrade that broke our established process for documenting and tracking the dissemination of said notices.

Our process for both sending and documenting the disbursement notices runs on an automated schedule in which jobs within the schedule run in succession to each other. A simplified version (for explanation purposes) of the process is as follows: 1) Select the population of students who received a loan disbursement the prior day. 2) Pull all specified data for the selected students needed for the notice, including email address. 3) Create and send the disbursement notice. 4) Move a copy of the sent notice in to the student’s file. 5) Update RUAMAIL (in Banner) with the appropriate code to show the notice has been sent. The schedule works such that when the 1st job is successful, it moves on to the 2nd and so on. However, if any of the jobs are not successful the schedule stops at the failed job and does not finish any remaining jobs. The issue we experienced occurred at job 4 (copying the file to the student’s account) as the schedule would fail due to the file path being broken as a result of the software upgrade. This caused not only the copy to fail but the RUAMAIL update would not run either.

As a result of the issue stated above, our ability to document our loan disbursement notices was compromised. Upon discovery of this issue, immediate corrective action was taken and appropriate checks established to prevent any further issue. For instance, if an error occurs within the schedule a notification is immediately sent to two office staff by email. In addition, as a matter of procedure we will be regularly checking both the imaging files and RUAMAIL to make sure the process is functioning as expected.

**Contact Person:** Dustin Johnson, Associate Director–Financial Aid & Scholarships, (435) 652-7583  
**Anticipated Correction Date:** Already completed and implemented

2019-005. **ERRORS IN PROCESSING RETURN OF TITLE IV FUNDS**

**State Agency:** Salt Lake Community College  
**Federal Programs:**  
84.007 Federal Supplemental Educational Opportunity Grants  
84.033 Federal Work-Study Program  
84.063 Federal Pell Grant Program  
84.268 Federal Direct Student Loans

SLCC understands the importance of timely and accurate calculation and return of Title IV funds. This appears to be a case related to training and an employee not fully understanding all compliance requirements. To ensure all financial aid advisors have adequate training as to the return of funds, all SLCC financial aid advisors will be attending a NASFAA Credential Workshop on the Return of Title IV funds on November 15, 2019. Upon completion of the workshop, advisors may take a test to demonstrate competency in this area and to become credentialed in the Return of Title IV Funds.

SLCC will also be implementing a quality assurance program. Advisors will check each other’s return of funds calculations monthly to ensure calculations are accurate and that refunds occur within the 45-day timeframe. A quarterly review will take place at Senior staff meeting to discuss issues. This program will begin January 2020.

Currently the return of funds process is completed using an excel spreadsheet. SLCC’s Banner software has an automated return process. This process will be reviewed to determine if it can be utilized to minimize calculation errors. If the process is considered viable it will be tested and implemented by May 2020.

**Contact Person:** Cristi Millard, Director of the Office of Financial Aid and Scholarships, 801-957-4145  
**Anticipated Correction Date:** May 2020
State of Utah Single Audit
Corrective Action Plan
For the Year Ended June 30, 2019

2019-006. INACCURATE LINE ITEMS IN THE FISAP REPORT

State Agency: Southern Utah University
Federal Programs: 84.007 Federal Supplemental Educational Opportunity Grants
84.033 Federal Work-Study Program
84.063 Federal Pell Grant Program
84.268 Federal Direct Student Loans

We will implement a thorough review process prior to submission of the FISAP report. This review process will include a meeting of personnel from Accounting Services, Financial Aid & Scholarships, and Institutional Research well ahead of the submission deadline to plan and prepare for the FISAP reporting cycle. Following the preparation of the FISAP report, we will perform a follow-up review to ensure 1) adequate documentation supporting data entered, and 2) the accuracy of the information entered in the FISAP report.

Contact Person: David Hughes, Director of Financial Aid & Scholarships, 435-586-7734
Anticipated Correction Date: With submission of the 2018-19 FISAP report.

2019-007. UNTIMELY AND INACCURATE ENROLLMENT REPORTING

State Agency: Southern Utah University
Federal Programs: 84.007 Federal Supplemental Educational Opportunity Grants
84.033 Federal Work-Study Program
84.063 Federal Pell Grant Program
84.268 Federal Direct Student Loans
84.038 Federal Perkins Loan Program

Our corrective action plan includes various steps to ensure accurate and timely reporting of enrollment changes, as follows:

1. Establish a good working relationship with an assigned Clearinghouse caseworker. This will give us a better line for accountability with the Clearinghouse when compliance issues are discovered.
2. Implement internal verification of data exchanged between the Clearinghouse and NSLDS via direct access to the NSLDS. This access was previously unavailable to the enrollment reporting officer prior to this audit. This will take place 10 days after enrollment data is reported to the Clearinghouse.
3. Maintain training and implementation of enrollment reporting tools and changes offered by the Clearinghouse to maintain compliance and communication.
4. Create and verify information between Financial Aid and the Registrars’ offices to verify timely status issues for correct program reporting to the NSLDS.

Contact Person: Blair Bentley, Enrollment Specialist/Enrollment Reporting Officer, 435-586-1964
Anticipated Correction Date: With submission of the 2018-19 FISAP report.

2019-008. FAILURE TO DESIGN AND IMPLEMENT INTERNAL CONTROLS OVER ENROLLMENT REPORTING

State Agency: University of Utah
Federal Programs: 84.038 Federal Perkins Loan Program
84.063 Federal Pell Grant Program
84.268 Federal Direct Student Loans

Retroactive changes: The Registrar’s Office worked with the National Student Clearinghouse (NSC) to make these retroactive petition enrollment changes. NSC did not have best practice recommendations in place for these types of changes since this situation was not a known issue to them.
The corrective action plan currently in place will involve the Registrar’s Office reporting to NSC the change in the student’s enrollment status after processing a retroactive petition within 5 business days. The Registrar’s Office will also send an email to the University Office of Scholarships and Financial Aid within the same 5 business days of processing the retroactive petition to notify them that updates to NSLDS should be made. The Registrar’s Office will validate the change in status within NSC when they report that the change has been made.

Change in student status: The Registrar’s Office will assign a staff member to be responsible for manually reviewing the students’ files that show as rejected on our current graduated student file, and to make the necessary updates to the individual student’s status via NSC’s web interface. Through this audit, the Registrar’s Office learned the file they are sending currently is a supplemental file for a NSC service. Next year (2020), the Registrar’s Office will update the NSC enrollment file to include the graduating students (G status). Until this is complete, they will continue to update the students’ records manually to be in compliance. The graduating student file will update the students’ status to a “G” only if it is a one-to-one relation, meaning the student did not graduate with a double major. This is the reason NSC recommends submitting the “G” status through the enrollment file, where the report allows all program statuses for a student to be submitted.

Contact Persons: Brenda Burke, Executive Director University Office of Scholarships and Financial Aid, bburke@utah.edu and Tim Ebner, University Registrar, tebner@utah.edu

Anticipated Correction Date: January 31, 2020

2019-009. UNTIMELY REVIEW AND APPROVAL OF CASH DRAWS

State Agency: Utah State University

Federal Program: 84.007 Federal Supplemental Educational Opportunity Grants
84.033 Federal Work-Study Program
84.063 Federal Pell Grant Program
84.268 Federal Direct Student Loans

An employee in Sponsored Programs Accounting, different from the employee who draws down the money, will perform timely post-draw reviews and approvals, with appropriate documentation.

Contact Person: Jennifer Jenkins, Manager of Sponsored Programs Accounting, 435-797-1070
Anticipated Correction Date: November 30, 2019

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES:

2019-010. UNTIMELY AND INCOMPLETE VALIDATION OF PROVIDER ELIGIBILITY

State Agency: Department of Health

Federal Program: 93.778 Medical Assistance Program (Medicaid Title XIX)

a. As noted in the finding, Standard Operating Procedures were established and implemented to document and manage any manual overrides after November 2018. Additionally, data analysis was performed to ensure all providers that were overridden in the past are all currently revalidated as required by federal regulations.

b. Current procedures include a second checkpoint to make certain all documentation is on file for the provider record before approving the application. Staff will be reminded to pay better attention to this validation process and this will be tracked in our performance measures.

Contact Person: Shandi Adamson, Bureau Director, Medicaid Operations, 801-538-6308
Anticipated Correction Date: August 2019
2019-011. **ERRORS ON PART 4 OF THE CB-496 FINANCIAL REPORT**  
**State Agency:** Department of Human Services  
**Federal Program:** 93.659 Adoption Assistance

The federal Part 4 report for the September 2019 quarter was submitted timely. The query was adjusted resulting in the error being resolved cumulatively.

Contact Person: Xochiatl Thomas, Financial Manager, 801-538-4123  
Anticipated Completion Date: October 2019

2019-012. **CCDF BENEFIT OVERPAYMENTS DUE TO ELIGIBILITY SYSTEM UPDATES**  
**State Agency:** Department of Workforce Services  
**Federal Program:** 93.575 Child Care and Development Block Grant  
93.596 Child Care Mandatory and Matching Funds of the Child Care and Development Fund

The Department of Workforce Services reviewed the errors identified and determined the cause and population of cases potentially subject to the error. From the population identified, we found that 31 cases totaling $11,397 were issued in error. Notification and adjudication processes have been initiated on those cases that fell above the overpayment threshold for child care. Also, a system fix for these cases was deployed on July 13, 2019 and all open ongoing child care cases were reassessed on September 14, 2019.

We have also reviewed controls designed to ensure that benefits are paid for the correct amount. These controls include a Program Review Team that reviews cases to ensure the correct determinations have been made and the correct benefits have been issued. The Department also has a Quality Control team that is currently on cycle that reviews cases to determine if there are any element or payment errors. Both of these processes help us to determine what worker or system errors are occurring.

Currently, we have an eREP system testing procedure in place that allows us to test the eREP environment of the system before it is implemented to staff. There are multiple levels of testing that occur prior to release of changes to the system before a fix or change is implemented to include unit, integration, system and acceptance testing. Each potential change is processed manually by program specialists, information analysts, business analysts and designated testers to ensure the system is issuing benefits correctly. Our review has found that controls are properly designed and implemented to provide reasonable assurance that benefits are paid for the correct amount and that the cost of implementing additional controls would exceed the benefit. Therefore, we have reviewed the errors noted with individuals responsible for performing these controls to increase their awareness. We have determined that this will sufficiently correct this error going forward.

Contact Person: Chris Williams, Manager, Eligibility Services Division, 801-626-0273  
Anticipated Correction Date: September 14, 2019

2019-013. **CHILD CARE PROVIDER OVERPAYMENTS DUE TO INSUFFICIENT REVIEWS**  
**State Agency:** Department of Workforce Services  
**Federal Program:** 93.575 Child Care and Development Block Grant  
93.596 Child Care Mandatory and Matching Funds of the Child Care and Development Fund

As noted in the finding, all questioned costs have been referred to the department’s overpayment division. Some questioned costs have been repaid and repayment is being pursued for the remaining verified questioned costs. The Office of Child Care has worked with the department's internal audit division to have them conduct ongoing reviews of original provider attendance records.

Contact Person: Ann Stockham Mejia, Program Manager, 801- 526-9362  
Anticipated Correction Date: October 1, 2019
U.S. DEPARTMENT OF JUSTICE:

2019-014. INCONSISTENT COMPENSATION THRESHOLD AND INAPPROPRIATE ALLOCATION

State Agency: Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime

UOVC has completed the recommended updates to procedures, which were in draft form and under review at the time of the audit.

Contact Persons: Melanie Scarlet, Reparation Program Manager UOVC, 801-238-2364
Gary Scheller, Director UOVC, 801-238-2362

Anticipated Correction Date: Any remaining or additional updates determined necessary or recommended by this Single Audit process, will be completed, implemented and disseminated prior to December 1, 2019.

2019-015. EXPENDITURES NOT MONITORED FOR PERIOD OF PERFORMANCE PURPOSES

State Agency: Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime

UOVC has drafted procedures which address the related recommendation and which have been provided to the Federal Funding entity for review in October of 2019 in response to a Site Evaluation from that entity in April of 2019.

Contact Persons: Connie Wettlaufer, Financial Point of Contact (FPOC) UOVC, 801-238-2371
Patti Jensen, Financial Manager UOVC, 801-238-2364
Gary Scheller, Director UOVC, 801-238-2362

Anticipated Correction Date: Any remaining or additional updates determined necessary or recommended by the Federal Funding Entity and/or this Single Audit process, will be completed, implemented and disseminated, appropriately and timely subsequent to the Federal Funding Entity’s response.

2019-016. INACCURATE SPECIAL AND PERFORMANCE REPORTS

State Agency: Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime

UOVC has drafted procedures which address the related recommendation and which have been provided to the Federal Funding entity for review in October of 2019 in response to a Site Evaluation from that entity in April of 2019. Additionally, UOVC has applied for and been awarded a technology grant for the purpose of developing a new Compensation Claim Data Management system. The new system will be configured to track the required data related to this finding. UOVC Financial Manager Patti Jensen has reported that the most recent past certification form submitted the funding entity has been corrected in their system.

Contact Persons: Patti Jensen, Financial Manager UOVC, 801-238-2364
Gary Scheller, Director UOVC, 801-238-2362

Anticipated Correction Date: Any remaining or additional updates determined necessary or recommended by the Federal Funding Entity and/or this Single Audit process, will be completed, implemented and disseminated, appropriately and timely subsequent to the Federal Funding Entity’s response. The anticipated timeline of the completed data management system is approximately 3 years.
2019-017. **ERRORS IN AND INADEQUATE INTERNAL CONTROLS OVER REPORTING AND EARMARKING**

**State Agency:** Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime  
**Federal Program:** 16.575  Crime Victim Assistance

UOVC has drafted procedures which address the related recommendations and which have been provided to the Federal Funding entity for review in October of 2019 in response to a Site Evaluation from that entity in April of 2019. The procedures were updated again on November 1, 2019 subsequent to UOVC meeting with the auditing personnel and receiving further clarity. UOVC continues to work with the funding entity regarding the PMT issues raised by the State Auditor, to assure the concerns of the State Auditor are properly addressed.

Contact Persons: Tallie Viteri, Assistant Director, Assistance Grants Program Manager, UOVC, 801-297-2620  
Arnold Liu, Financial Analyst (POC), Assistance Grants, UOVC, 801-238-2374  
Gary Scheller, Director UOVC, 801-238-2362

Anticipated Correction Date: Procedures were updated in July, 2019 and again in October of 2019. Any remaining or additional updates determined necessary or recommended by the Federal Funding Entity and/or this Single Audit process, will be completed, implemented and disseminated, appropriately and timely subsequent to the Federal Funding Entity's response.

2019-018. **ON-SITE VISITS NOT PERFORMED BI-ANNUALLY**

**State Agency:** Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime  
**Federal Program:** 16.575  Crime Victim Assistance

Within the past year, UOVC has hired two auditors to help UOVC be compliant with all subrecipient monitoring requirements. UOVC monitoring policies have been updated to include policies regarding subrecipient site visits. There is currently a schedule in place that will ensure all subrecipients receive a formal site visit in conjunction with a desk review during FY20. The monitoring policy and accompanying tools have been updated to meet all subrecipient monitoring requirements outlined in 28 CFR 106(b).

Contact Persons: Lynsey Stock, Audit Manager UOVC, 304-545-7589  
Gary Scheller, Director UOVC, 801-238-2362

Anticipated Correction Date: Complete as of 11/01/2019

2019-019. **INCONSISTENCY AND CALCULATION ERRORS IN FEDERAL CASH DRAWS**

**State Agency:** Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime  
**Federal Program:** 16.575  Crime Victim Assistance

UOVC has drafted procedures which address the related recommendation and which have been provided to the Federal Funding entity for review in October of 2019 in response to a Site Evaluation from that entity in April of 2019.

Contact Persons: Connie Wettlaufer, Financial Point of Contact (FPOC) UOVC, 801-238-2371  
Gary Scheller, Director UOVC, 801-238-2362

Anticipated Correction Date: Procedures were updated in July, 2019 and again in October of 2019. Any remaining or additional updates determined necessary or recommended by the Federal Funding Entity and/or this Single Audit process, will be completed, implemented and disseminated, appropriately and timely subsequent to the Federal Funding Entity's response.
2019-020. **CHECKS ISSUED TO INCORRECT VENDORS**  

**State Agency:** Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime  
**Federal Program:** 16.575 Crime Victim Assistance

UOVC has made changes to staff and the processing of disbursements. UOVC has now eliminated the office specialist to process payments in FINET as a result of UOVC transitioning into a new grants management system. This has simplified UOVC's payment process by reducing data entry and data entry errors.

With the new transition of the financial piece in Utah Grants Management system, and the ability to enter payments via Excel spreadsheet upload in FINET, there has been additional review process put in place before the Financial Manager Approves the payment in FINET. Specifically, the Financial Analyst reviews all payment requests for accuracy before the Financial Manager reviews again for final approval in FINET.

**Contact Persons:** Patti Jensen, Financial Manager UOVC, 801-238-2364  
Arnold Liu, Financial Analyst (FPOC), Assistance Grants, UOVC, 801-238-2374  
Gary Scheller, Director UOVC, 801-238-2362

**Anticipated Correction Date:** Complete as of 11/01/2019

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**U.S. DEPARTMENT OF LABOR:**

2019-021. **WORK HOURS AND EARNINGS DISREGARDED IN UNEMPLOYMENT INSURANCE BENEFIT OVERPAYMENT DETERMINATION**

**State Agency:** Department of Workforce Services  
**Federal Program:** 17.225 Unemployment Insurance

The Department of Workforce Services takes the responsibility of program integrity very seriously, and in this case the existing policy and procedure were not followed properly. The team responsible for this work is scheduled to review the findings of this audit, as well as existing policy and procedures for future compliance. Quality reviews will continue to be used to monitor program compliance for this and other scenarios moving forward.

**Contact Person:** Kevin Burt, Unemployment Insurance Director, kburt@utah.gov, 801-526-9575

**Anticipated Correction Date:** November 2019

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**U.S. DEPARTMENT OF VETERANS AFFAIRS:**

2019-022. **INACCURATE STATE HOME REPORT AND STATEMENT OF FEDERAL AID CLAIMED**

**State Agency:** Utah Department of Veterans and Military Affairs (UDVMA)  
**Federal Program:** 64.015 Veterans State Nursing Home Care

UDVMA will standardize the method used for calculating direct and indirect cost that adheres to the VA Form 10-5588 instructions. The calculation will be reviewed and updated by the UDVMA annually in September, at the end of the federal fiscal year.

The UDVMA will re-train each State Officer on filling out VA Form 10-5588. To improve accuracy and consistency, supporting forms will be standardized for all state veterans homes.

**Contact Person:** Dennis McFall, Deputy Director, (801) 755-8722

**Anticipated Correction Date:** October 31, 2019
VARIABLE FEDERAL AGENCIES:

2019-023. WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES

State Agency: Department of Administrative Services
Federal Programs: Various

Division of Purchasing and General Services

Cooperative Contract Management
The Division continues to decrease the administrative fees on each of its state cooperative contracts as each contract expires and is rebid. The Division is allowed under law to collect up to a 1.0% administrative fee on each cooperative contract. Currently, the average administrative fee is 0.38%.

In addition, the Division has also hired two additional employees and invested in a new contract usage system and analytics tool. The new system and additional employees will help improve the management of its cooperative contracts. The system also will assist the Division in anticipating usage and decreasing the administrative fees of appropriate contracts.

Print Services
Print Services has reviewed and decreased its administrative fees.

State Surplus Property
State Surplus will use the excess reserve funds to invest in a new building when they relocate in 2021.

Contact Person: Christopher Hughes, Director, 801-538-3254
Anticipated Correction Dates: Cooperative Contract Management – June 30, 2022
Print Services – June 30, 2020
State Surplus Property – June 30, 2021

Division of Risk Management

Workers’ Compensation Fund
The Division has requested a $1 million transfer out of this fund in fiscal year 2020, subject to legislative approval.

Property Liability Self-Insurance Fund
The Division’s role is to estimate insurance claims and set rates to match. Claim and other costs have been lower than anticipated for a few years. We have intentionally reduced rates to compensate. The Division used a lower property rate than the actuary recommended for fiscal years 2019 and 2020. We will use a lower property rate than the actuary recommended for fiscal year 2021 to reduce retained earnings. We will continue to observe claim levels and set rates intended to reduce the retained earnings to appropriate levels.

Contact Person: Brian Nelson, Director, 801-538-9576
Anticipated Correction Dates: Workers Compensation Fund - June 30, 2020
Property Fund - June 30, 2021

2019-024. WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES

State Agency: Department of Human Resource Management
Federal Programs: Various

The excess retained earnings for Payroll Field Services was caused by lower than anticipated expenses in fiscal year 2019. DHRM is evaluating the Payroll Field Services rate for fiscal year 2020 and will adjust it, if necessary. DHRM anticipates this retained earnings balance will be in compliance with the 60 day working capital limit by June 30, 2020.

Contact Person: Mysti Miskimins, Financial Director, 385-256-5394
Anticipated Correction Date: June 30, 2020
2019-025. WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES

State Agency: Department of Technology
Federal Programs: Various

Partial Corrective Action Achieved
DTS gave significant mid-year rate reductions and rebates in both FY 2018 and FY 2019 to Hosting Services customers of about $1.3 million and $900 thousand respectively. In addition, DTS has proposed rates for FY 2020 and FY 2021, which are lower than the projected actual costs to provide this service. This was done in order to further draw down Hosting Services retained earnings by about $1.7 million in FY 2020 and $900 thousand in FY 2021.

Further Corrective Action Plan
The advent and adoption of cloud based hosting technology will continue to change DTS operations and demand for DTS Hosting Services. As part of the DTS strategic plan, DTS will take advantage of cloud based hosting to provide even more efficient services. DTS is positioned to assist customers with a switch from hosting with DTS in the State Data Center to hosting with another provider. This switch will impact revenue; funds that would have been paid to DTS will now be paid to an outside vendor. Finally, many agencies are taking advantage of software as a service which, in some instances, moves the hosting services away from DTS to a vendor used by the software company. DTS currently estimates it will lose at least $1.1 million to cloud based hosting services alone in FY 2020 and another $1 million in FY 2021. These amounts are conservative estimates and if cloud based hosting services adoption continues to rise, DTS will likely see additional revenue shortfalls.

As customers continue to transition from DTS Hosting services to cloud based hosting services, DTS will closely track the impact to Hosting Services revenues and expenses. DTS will annually review and adjust rates and will issue mid-year rebates if necessary to bring DTS Hosting Services into compliance with Federal excess reserve guidelines by the end of FY 2022.

Contact Person: Daniel Frei, Finance Director, 801-538-3459
Anticipated Correction Date: FY2022 anticipated completion date

2019-026. WORKING CAPITAL RESERVES IN EXCESS OF FEDERAL GUIDELINES

State Agency: Public Employees Health Program
Federal Program: Various

PEHP plans to issue a $30 million experience dividend from the State Medical program to participants in May 2020 to bring this program’s reserves down to the federally allowed amount. The Division of Finance will calculate the federal portion of the State of Utah’s share of this experience dividend and submit it to Cost Allocation Services (CAS) for approval.

PEHP has also requested the Division of Finance calculate the federal portion of the excess reserves balance as of June 30, 2019 in the State Dental program and submit it to CAS for approval. Once approved, PEHP will refund the federal portion amount for the State Dental program excess reserves.

PEHP recently refunded the federal portion of the Long-term Disability program excess reserve balance as of June 30, 2018. Because Long-term Disability claims fluctuate each year, PEHP will request approval from CAS for an additional year to study long-term disability liabilities, premiums, and claim trends. However, if material excess reserves still exist in this program at fiscal year ending June 30, 2020, PEHP will refund the federal portion of the excess reserves as of that date.

As a result of the Medicare Supplement program experiencing favorable claim loss ratios and receiving pharmacy subsidies greater than the expected amounts, PEHP will request approval from CAS for an additional year to study the liabilities and expected claims in this program. However, if material excess reserves still exist in this program at June 30, 2020, PEHP will refund the federal portion of the excess reserves as of that date.

Contact Person: Robert Dolphin, Chief Financial Officer, 801-366-7429
Anticipated Correction Date: June 30, 2021
2019-027. **ERRORS IN RANDOM MOMENT TIME STRIKE (RMTS) STUDY**

**State Agency:** Department of Workforce Services  
**Federal Program:** Various

The Department of Workforce Services has an established system of internal controls to ensure that time and effort costs that are allocated to programs/activities that benefit from the costs using the random moment time study (RMTS) methodology, as delineated in the department’s federally-approved Public Assistance Cost Allocation Plan, are recorded in the appropriate cost centers. It appears that the established internal controls that should have prevented and/or detected the errors cited by the auditors did not function as designed. The department is conducting a comprehensive review of its RMTS procedures and the associated internal controls to identify the cause of the errors noted in the audit. The results of the review will be utilized to make needed adjustments to RMTS procedures, internal controls, staff training, and communication of RMTS policies and procedures.

Contact Person: Nathan Harrison, Finance Director, 801-526-9402  
Anticipated Correction Date: December 31, 2019
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SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
### U.S. DEPARTMENT OF AGRICULTURE

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
</table>
| 2018-002 | 2018         | **Finding:** Noncompliance With Subrecipient Monitoring Requirements (Utah Department of Natural Resources)  
**Status:** Partially corrected.  
**Reasons for Recurrence:** The revised grant award document did not have all the required elements.  
**Partial Corrective Action Taken:** The Department of Natural Resources (DNR) created a new grant award document to address all of the issues. However, two required elements were overlooked. Upon review with the Auditor, DNR had overlooked two applicable terms required by 2 CFR 200.331.  
**Corrective Action Planned:** DNR will update the grant document to include the missing elements.  
**Contact Person:** Stacy Carroll, Financial Manager, 801-538-7307  
**Anticipated Completion Date:** August 31, 2019 |
| 2018-003 | 2018         | **Finding:** Noncompliance With Reporting Requirements (Utah Department of Natural Resources)  
**Status:** Implemented – corrective action taken. |
| 2018-004 | 2018         | **Finding:** No Independent Review of Federal Reports and Matching Requirements (Utah Department of Natural Resources)  
**Status:** Implemented – corrective action taken. |
| 2018-005 | 2018         | **Finding:** Inadequate Internal Controls Over Cash Draws (Utah Department of Natural Resources)  
**Status:** Implemented – corrective action taken. |
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
**For Years Prior to the Year Ended June 30, 2019**

**Status as of June 30, 2019**

**U.S. DEPARTMENT OF AGRICULTURE** (continued)

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<tr>
<th>Finding</th>
<th>Initial Year</th>
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</tr>
</thead>
</table>
| 2018-006 | 2018         | **Finding:** Inadequate Internal Controls Over Suspension and Debarment  
(Utah Department of Natural Resources)  
**Status:** Not corrected.  
**Reasons for Recurrence:** Due to a transition of duties, employee turnover, and a significant fire season increasing workload, the Division of Forestry, Fire, and State Lands (FFSL) was not able update policies and procedures for checking suspension and debarment.  
**Partial Corrective Action Taken:** Corrective action was not taken due to unusually high volumes of work, transition of duties and employee turnover.  
**Corrective Action Planned:** FFSL will check suspension and debarment on all new and existing awards with target completion date of August 31, 2019.  
**Contact Person:** Stacy Carroll, Financial Manager, 801-538-7307  
**Anticipated Completion Date:** August 31, 2019 |
| 2018-007 | 2018         | **Finding:** Backdating of Transactions for Period of Performance  
(Utah Department of Natural Resources)  
**Status:** Implemented – corrective action taken. |
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**

*Status as of June 30, 2019*

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
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</thead>
<tbody>
<tr>
<td>2018-008</td>
<td>2014</td>
<td>Finding: Inadequate Internal Controls Over Suspension and Debarment (Utah National Guard)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Status: Partially corrected.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reasons for Recurrence: Utah National Guard (UNG) had this finding in the 2014 audit. UNG implemented its corrective action plan, but failed to properly enforce it. UNG had the finding again in the 2018 audit and fully implemented the procedures in the current fiscal year.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Partial Corrective Action Taken: UNG had only implemented its plan for new contracts, but had not gone back to review old contracts. A follow up audit of a related program found that UNG had only partially implemented the plan. Corrective actions have been made and were in place for most of fiscal year 2019.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Corrective Action Planned: The SAM report will be attached to each payment request for DFCM contracts (or any contract without the suspension and debarment condition) over $25,000 as required. This provides additional controls that every payment will have verification for easy reference and ensures that no payments are made for any contract, in the past or present, to a suspended or debarred vendor.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contact Person: Michael J. Norton, Finance Director, 801-432-4445</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Anticipated Completion Date: October, 2018.</td>
</tr>
</tbody>
</table>
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**

*Status as of June 30, 2019*

#### U.S. DEPARTMENT OF EDUCATION

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<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
</table>
| 2016-011  | 2016         | **Finding:** Inaccurate Line Items in the FISAP Report  
(Southern Utah University)  
**Status:** Not corrected. See current year finding 2019-006.  
**Reasons for Recurrence:**  
The 2017 FISAP report had exceptions in Part III, Section B, lines 10(a) and 10(b). The methodology used and the supporting documentation for the information was not provided as support.  
**Partial Corrective Action Taken:**  
Certain parts of the report that were previously not reported correctly have been corrected.  
**Corrective Action Planned:**  
We have created and implemented a review process to mitigate these errors. Part III of the FISAP will be reviewed by an Accounting Supervisor, then Accounting Manager to ensure accuracy and completeness of the numbers and supporting documentation. After the numbers are input by the Director of Financial Aid, Part III will then be reviewed by a member of accounting services to verify the accuracy of inputs.  
**Contact Person:** David Hughes, Director of Financial Aid, 435-586-7734  
**Anticipated Completion Date:** December 31, 2019 |
| 2017-007  | 2017         | **Finding:** Inadequate Internal Controls Over Subrecipient Monitoring Pre-award Requirements  
(Utah State Board of Education)  
**Status:** Implemented – corrective action taken. |
| 2017-008  | 2017         | **Finding:** Lack of Documentation for Evaluation of Subrecipient Risk of Noncompliance  
(Utah State Board of Education)  
**Status:** Implemented – corrective action taken. |
| 2018-009  | 2018         | **Finding:** Inadequate Controls Over Subrecipient Monitoring  
(Utah State Board of Education)  
**Status:** Implemented – corrective action taken. |
| 2018-010  | 2017         | **Finding:** Noncommunication of Pre-Award Information to Subrecipients  
(Utah State Board of Education)  
**Status:** Implemented – corrective action taken. |
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**

*Status as of June 30, 2019*

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-011</td>
<td>2018</td>
<td>Finding: No Verification of LEA Suspension and Debarment Status (Utah State Board of Education)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Status: Implemented – corrective action taken.</td>
</tr>
</tbody>
</table>
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**

**Status as of June 30, 2019**

#### U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
</table>
| 2017-011 | 2015         | Finding: Inadequate Internal Controls Over Eligibility (Utah Department of Health)  
Questioned Costs: $22,248 The Health Resources and Services Administration management decision letter dated January 11, 2019, deemed questioned costs of $870 as unallowable. The repayment of $870 was made by warrant on January 25, 2019.  
Status: Repeated in fiscal year 2018, see finding 2018-013. |
| 2017-012 | 2017         | Finding: LIHEAP Eligibility Determination Errors and Invalid Documentation (Utah Department of Workforce Services)  
Questioned Costs: $460 The Utah Department of Workforce Services has not received a management decision regarding the questioned costs.  
Status: Implemented – corrective action taken. |
| 2018-012 | 2018         | Finding: Inadequate Internal Controls Over Subrecipient Determination and Monitoring (Utah Department of Health)  
Status: Partially corrected.  
Reasons for Recurrence:  
Corrective action was not fully implemented until January 1, 2019.  
Partial Corrective Action Taken:  
Both contracts identified in the finding were changed to the appropriate designation. The program attended department-wide grant training and is utilizing an AGA questionnaire provided in the training to ensure all contractual relationships are properly classified.  
Corrective Action Planned:  
All planned corrective action was completed as of January 1, 2019.  
Contact Person: Amelia Self, Prevention, Treatment and Care Program Manager, 801-538-6221  
Brianne Glenn, Policy and Eligibility Manager, 801-538-6738  
Anticipated Completion Date: January 1, 2019 |
## SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

### FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019

**Status as of June 30, 2019**

### U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

(continued)

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
</table>
| 2018-013  | 2015         | **Finding:** Inadequate Internal Controls Over Eligibility  
               (Utah Department of Health)  
               **Questioned Costs:** $9,897  
               The Health Resources and Services Administration (HRSA) has reviewed the $9,897 of questioned costs and determined that no monetary recoveries are necessary, per the HRSA management decision letter dated July 12, 2019.  
               **Status:** Partially corrected.  
               **Reasons for Recurrence:** Corrective action was not fully implemented until April 1, 2019.  
               **Partial Corrective Action Taken:**  
               Additional controls were implemented over the approval of program sponsored insurance coverage, including additional documentation and review of client eligibility. Policies and procedures regarding vigorous pursuit and health insurance assessments have been revised. Partners and staff received training on new policies on March 14, 2019. Policies were fully implemented on April 1, 2019.  
               **Corrective Action Planned:** All planned corrective action was completed as of April 1, 2019.  
               **Contact Person:** Amelia Self, Prevention, Treatment and Care Program Manager, 801-538-6221  
               Brianne Glenn, Policy and Eligibility Manager, 801-538-6738  
               **Anticipated Completion Date:** April 1, 2019 |
| 2018-014  | 2018         | **Finding:** Inadequate Internal Controls Over Preparation of SF-425 Reports for SAPT  
               (Utah Department of Human Services)  
               **Status:** Implemented – corrective action taken. |
| 2018-015  | 2018         | **Finding:** Inadequate Internal Controls Over Preparation of SF-425 Reports for SAMH Projects  
               (Utah Department of Human Services)  
               **Status:** Implemented – corrective action taken. |
<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-016</td>
<td>2018</td>
<td><strong>Finding:</strong> Inadequate Internal Controls Over CCDF Eligibility (Utah Department of Workforce Services)</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Questioned Costs:</strong> $8,723 The $8,723 of questioned cost will not be pursued for recovery by the</td>
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<td>Administration for Children and Families (ACF), per the ACF management decision letter dated September</td>
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<td></td>
<td></td>
<td>3, 2019.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Status:</strong> Partially corrected.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Reasons for Recurrence:</strong></td>
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<td></td>
<td>The Department of Workforce Services (DWS) has updated Child Care policy, Section 730 - Eligibility</td>
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<td>Period, to address when reviews are accepted, effective April 1, 2019. DWS has established that</td>
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<td>Child Care reviews cannot be shortened or lengthened. DWS implemented a system to lock-in the Child</td>
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<td>Care program until the next review. An update was given to staff educating them on the lock-in in</td>
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<td>July 2018. In September 2018, staff meetings were attended by the Child Care Program Specialist to</td>
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<td>instruct staff of the policy requirements on the updated Child Care policy. Because the updated policy</td>
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<td>was not in place for a majority of the year, the finding is considered partially corrected.</td>
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<td></td>
<td><strong>Partial Corrective Action Taken:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>The updated policy was implemented April 1, 2019.</td>
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<td><strong>Corrective Action Planned:</strong></td>
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<tr>
<td></td>
<td></td>
<td>The corrective action was completed but was not in place for the majority of the fiscal year.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Contact Person:</strong> Tilila Taulanga, Program Specialist, 801-833-2007</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Anticipated Completion Date:</strong> April 1, 2019</td>
</tr>
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</table>
## SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019
Status as of June 30, 2019

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  (continued)

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
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</tr>
</thead>
</table>
| 2018-017  | 2018         | **Finding:** Inadequate Internal Controls Over TANF Child Support Non-Cooperation (Utah Department of Workforce Services)  
**Questioned Costs:** $3,980  
The Utah Department of Workforce Services has not received a management decision regarding the questioned costs.  
**Status:** Partially corrected.  
**Reasons for Recurrence:** The corrective action required a computer system change and the department worked with Office of Recovery Services to identify the technical solution. As a result of the coordination and resources required to make the technical change the solution was not implemented for the majority of the fiscal year.  
**Partial Corrective Action Taken:** The system enhancement was made and implemented April 1, 2019.  
**Corrective Action Planned:** The corrective action was completed but was not in place for the majority of the fiscal year.  
**Contact Person:** Liz Carver, Director, Workforce Development Program & Training, 801-526-9327  
**Anticipated Completion Date:** April 1, 2019 |
| 2018-018  | 2018         | **Finding:** Inadequate Internal Controls Over Reporting (Utah Department of Workforce Services)  
**Status:** Partially corrected.  
**Reasons for Recurrence:** The corrective action required a policy change. Due to coordination across programs, computer systems, and reporting, policy was published January 1, 2019. The federal reporting time frame was such that the first implementation of the new process couldn’t occur prior to December 2018.  
**Partial Corrective Action Taken:** Policy was implemented January 1, 2019, and the new process is being used.  
**Corrective Action Planned:** The corrective action was completed, but was not in place for the majority of the fiscal year.  
**Contact Person:** Liz Carver, Director, Workforce Development Program & Training, 801-526-9327  
**Anticipated Completion Date:** January 1, 2019 |
<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
</table>
| 2018-019 | 2018 | **Finding:** Internal Control Weaknesses Over Federal Reports  
(Utah Department of Agriculture and Food)  
**Status:** Implemented – corrective action taken. |
| 2018-020 | 2018 | **Finding:** Inadequate Internal Controls Over and Noncompliance with Allowable Payroll-Related Charges  
(Utah Department of Agriculture and Food)  
**Questioned Costs:** $10,546  
The $10,546 questioned costs were repaid by reducing the Basin State Salinity grant draw on July 29, 2019 by this amount. This repayment was reported on the SF270 Request for Reimbursement report for the quarter ending June 30, 2019.  
**Status:** Implemented – corrective action taken. |
| 2018-021 | 2018 | **Finding:** Internal Control Weaknesses and Noncompliance with Procurement, Suspension & Debarment, and Subrecipient Pre-Award Requirements  
(Utah Department of Agriculture and Food)  
**Status:** Implemented – corrective action taken. |
| 2018-022 | 2018 | **Finding:** Failure to Monitor Subrecipient Single Audit Reports  
(Utah Department of Agriculture and Food)  
**Status:** Implemented – corrective action taken. |
| 2018-023 | 2018 | **Finding:** Error in Reimbursement Request Calculation  
(Utah Department of Agriculture and Food)  
**Status:** Implemented – corrective action taken. |
| 2018-024 | 2018 | **Finding:** Inadequate Controls Over Capital Asset Inventory  
(Utah Department of Natural Resources)  
**Status:** Implemented – corrective action taken. |
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**

**Status as of June 30, 2019**

#### U.S. DEPARTMENT OF JUSTICE

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<th>Finding</th>
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</tr>
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</table>
| 2017-018   | 2017         | **Finding:** Inadequate Internal Controls and Noncompliance with Federal Cash Management Requirements  
Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)  
**Questioned Costs:** $139,194  
Per their management decision letter dated March 19, 2019, the U.S. Department of Justice, Office of Justice Programs is not requesting return of the $139,194 questioned costs.  
**Status:** Repeated in fiscal year 2018, see finding 2018-027. |
| 2018-025   | 2017         | **Finding:** Internal Control Deficiencies Over and Errors in Financial & Performance Reporting, Matching, and Earmarking  
Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)  
**Status:** Partially corrected.  
**Reasons for Recurrence:** This finding reoccurred due to lack of staff availability and training, in addition to unforeseen policy amendments and updates.  
**Partial Corrective Action Taken:** The Utah Office for Victims of Crime (UOVC) policies were updated January 3, 2017 and July 28, 2018 to enhance internal controls over the preparation of financial and performance reports as well as direction to use expenditures recorded in FINET to ensure accuracy in reporting. Effective January 28, 2019, UOVC’s monitoring policy was updated, stating that grant analysts are required to review quarterly PMT reports. Effective March 1, 2019, UOVC implemented a policy requiring subrecipients to submit supporting documentation for all match funds for each billing. UOVC grant analysts review this supporting documentation at the time it is submitted. Beginning May 1, 2019, auditors verified that subrecipients had supporting documentation for their PMT reports during the annual desk review. All UOVC federal grant funded and federal grant management staff attended a two-day federal grant management training from the federal entity’s grant management training contractor on June 6 and 7, 2019. This training was coordinated by the Commission on Criminal and Juvenile Justice (CCJJ) for all such CCJJ and UOVC staff.  
**Corrective Action Planned:** Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-017.  
**Contact Person:** Gary Scheller, Director UOVC, 801-238-2362  
**Anticipated Completion Date:** August 31, 2019 |
### U.S. DEPARTMENT OF JUSTICE (continued)

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<th>Finding ID</th>
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**Reasons for Recurrence:**
This finding reoccurred due to lack of staff availability and training as well as issues coordinating with the grants management system regarding risk assessments and documentation of monitoring activities.

**Partial Corrective Action Taken:**
In fiscal year 2019 the Utah Office for Victims of Crime (UOVC) began documenting risk assessments in the online grants management system. UOVC added an audit manager in October 2018 who has education and professional experience in auditing, and this staff’s focus is on internal and external grant compliance to help address these concerns. An additional auditor was hired in May 2019 to assist in completing desk reviews and site visits of subrecipients. All UOVC federal grant funded and federal grant management staff attended a two-day federal grant management training from the federal entity’s grant management training contractor on June 6 and 7, 2019. This training was coordinated by the Commission on Criminal and Juvenile Justice (CCJJ) for all such CCJJ and UOVC staff.

**Corrective Action Planned:**
Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-018.

**Contact Person:** Gary Scheller, Director UOVC, 801-238-2362

**Anticipated Completion Date:** August 31, 2019
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**  
*Status as of June 30, 2019*

#### U.S. DEPARTMENT OF JUSTICE (continued)

<table>
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<tr>
<th>Finding ID</th>
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<th>Finding Description</th>
<th>Status</th>
<th>Finding Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-027</td>
<td>2017</td>
<td>Timing and Calculation Errors in Federal Cash Draws (Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)</td>
<td>Partially corrected.</td>
<td>This finding reoccurred due to lack of staff training and timing of policy full implementation. The Utah Office for Victims of Crime (UOVC) policies specific to this finding were updated on July 28, 2018. Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-019. Contact Person: Gary Scheller, Director UOVC, 801-238-2362 Anticipated Completion Date: August 31, 2019</td>
</tr>
<tr>
<td>2018-028</td>
<td>2018</td>
<td>No Allocation of Leave Balances Between Activities (Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)</td>
<td>Partially corrected.</td>
<td>This finding reoccurred due to lack of staff training and availability of recorded data and information in the state time management system, timing of policy implementation. Training has occurred with all grant funded staff, their time approval supervisors and the agency financial manager. The financial manager has been provided additional access to the state’s time entry system for the purpose of additional review of time entry. All Utah Office for Victims of Crime (UOVC) federal grant funded and federal grant management staff attended a two-day federal grant management training from the federal entity’s grant management training contractor on June 6 and 7, 2019. This training was coordinated by the Commission on Criminal and Juvenile Justice (CCJJ) for all such CCJJ and UOVC staff. Continued training, monitoring and access permission to the state’s time reporting system will be pursued to assure proper reporting and tracking occurs. Contact Person: Gary Scheller, Director UOVC, 801-238-2362 Anticipated Completion Date: August 31, 2019</td>
</tr>
</tbody>
</table>
### U.S. DEPARTMENT OF JUSTICE (continued)

<table>
<thead>
<tr>
<th>Finding</th>
<th>Questioned Costs</th>
<th>Status</th>
<th>Reasons for Recurrence</th>
<th>Partial Corrective Action Taken</th>
<th>Corrective Action Planned</th>
<th>Contact Person</th>
<th>Anticipated Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-029</td>
<td>Improper Crime Victim Compensation Expenditures</td>
<td>$12,224</td>
<td>Partially corrected.</td>
<td>The Reparations Program Manager continues weekly staff meetings and one on one coaching with reparations staff as well as periodic random reviews of claims. Additional training and review of payment and other processes and standards increased. A draft administrative rule codifying insurance waivers was presented to the Utah Office for Victims of Crime Board and approved June 11, 2019 and will be submitted to Rules for adoption.</td>
<td>Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-014.</td>
<td>Gary Scheller, Director UOVC, 801-238-2362</td>
<td>August 31, 2019</td>
</tr>
</tbody>
</table>
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**  
*Status as of June 30, 2019*

**U.S. DEPARTMENT OF JUSTICE (continued)**

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<tr>
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<th>Status</th>
<th>Reasons for Recurrence</th>
<th>Partial Corrective Action Taken</th>
<th>Corrective Action Planned</th>
<th>Contact Person</th>
<th>Anticipated Completion Date</th>
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</thead>
<tbody>
<tr>
<td>Internal Controls Over Federal Cash Management Requirements not Established (Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)</td>
<td>Partly corrected.</td>
<td>This finding reoccurred due to lack of staff availability and training, timing of policy implementation and additional amendments and updates.</td>
<td>The Utah Office for Victims of Crime (UOVC) policies specific to this finding were updated January 2017 and July 2018. All UOVC federal grant funded and federal grant management staff attended a two-day federal grant management training from the federal entity’s grant management training contractor on June 6 and 7, 2019. This training was coordinated by the Commission on Criminal and Juvenile Justice (CCJJ) for all such CCJJ and UOVC staff.</td>
<td>Administrative costs drawn from grants are drawn monthly rather than quarterly as had historically been the case. Drawn amounts are verified to balance to expenditures in FINET and reviewed by agency director or financial manager.</td>
<td>Gary Scheller, Director UOVC, 801-238-2362</td>
<td>August 31, 2019</td>
</tr>
</tbody>
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U.S. DEPARTMENT OF JUSTICE (continued)

<table>
<thead>
<tr>
<th>2018-031</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Finding:</strong></td>
<td>Internal Control Deficiencies Over and Errors in Financial &amp; Performance Reporting (Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)</td>
</tr>
<tr>
<td><strong>Status:</strong></td>
<td>Partially corrected.</td>
</tr>
<tr>
<td><strong>Reasons for Recurrence:</strong></td>
<td>This finding reflects primarily a change in federal reporting criteria implemented in 2015 and the added criteria not previously being tracked in Utah Office for Victims of Crime’s (UOVC) data system. It also reflects differences in the definition and categorization of crimes in state law and that of the data requested in federal report.</td>
</tr>
<tr>
<td><strong>Partial Corrective Action Taken:</strong></td>
<td>The UOVC director and financial manager have communicated with and consulted with the federal entity to assure compliance with, to the best of their ability, the performance reporting requirements and the annual certification form and to resolve matters prior to the end term of the compliance “grace period.” All UOVC federal grant funded and federal grant management staff attended a two-day federal grant management training from the federal entity’s grant management training contractor on June 6 and 7, 2019. This training was coordinated by the Commission on Criminal and Juvenile Justice (CCJJ) for all such CCJJ and UOVC staff.</td>
</tr>
<tr>
<td><strong>Corrective Action Planned:</strong></td>
<td>Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-016.</td>
</tr>
<tr>
<td><strong>Contact Person:</strong></td>
<td>Gary Scheller, Director UOVC, 801-238-2362</td>
</tr>
<tr>
<td><strong>Anticipated Completion Date:</strong></td>
<td>August 31, 2019 and ongoing.</td>
</tr>
</tbody>
</table>
### SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

**FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019**

**Status as of June 30, 2019**

<table>
<thead>
<tr>
<th>Finding</th>
<th>Partial Corrective Action Taken:</th>
</tr>
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</table>
| **Finding:** Inadequate Internal Controls Over Period of Performance  
(Commission on Criminal and Juvenile Justice, Utah Office for Victims of Crime)** | UOVC continues its consultation with the awarding federal entity and the other state’s administering agencies who also receive this grant funding. UOVC is contemplating and developing resolutions which will provide the level of accountability the auditor determines necessary, which also enable the agency to complete its mission. |
| **Reasons for Recurrence:** | Utah’s Reparation Program is a state-administered program established in Utah law and funded primarily with state dollars comprised of the fluctuating amounts collected monthly from a surcharge on criminal fines penalties and fees. The agency does not have a set legislative appropriated amount upon which to plan each year. The program also receives a federal formula grant based upon the amount expended the prior year. The federal program does not require each specific expenditure be identified as having been made with state or federal funds. Utah Office for Victims of Crime’s (UOVC) has historically drawn from the federal grant when it appears the state surcharge will be inadequate to meet current and anticipated expenditures. This permits the greatest degree of flexibility and solvency for the agency. UOVC is however, evaluating the most effective manner of addressing the finding of the auditor. |
| **Corrective Action Planned:** | Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-015. |
| **Contact Person:** | Gary Scheller, Director UOVC, 801-238-2362 |
| **Anticipated Completion Date:** | On going. |
## GENERAL FINDINGS

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<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
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| 2018-001 | 2018         | **Finding:** Inadequate Internal Controls Over Uncollectible Tax Estimates Used in Financial Reporting  
(Utah State Tax Commission)  
**Status:** Implemented – corrective action taken. |
| 2018-033 | 2011         | **Finding:** Working Capital Reserves in Excess of Federal Guidelines  
(Utah Department of Administrative Services)  
**This finding was issued to four internal service funds (ISF) in the Department of Administrative Services. A status is presented for each ISF.**  
**DIVISION OF PURCHASING AND GENERAL SERVICES**  
**Status:** Partially corrected.  
**Reasons for Recurrence:**  
**Cooperative Contract Management:**  
This fund still has working capital reserves above the federally allowed amount. The Division of Purchasing and General Services (Division) has been decreasing its administrative fees each time a contract expires and is rebid. This, however, is a slow process since contracts only expire and are rebid every five years and the Division has nearly 1,100 state cooperative contracts. The Division has also experienced an increase in the usage of its state cooperative contracts by public entities each year over the past seven years. With this increase in the usage of state cooperative contracts has come a corresponding increase in the collection of administrative fees. If the adjustment of fees had simply involved decreasing the fees on a fixed usage of the contracts, the Division would have been able to reduce their retained earnings much sooner.  
**Print Services:**  
This fund still has working capital reserves above the federally allowed amount. Print Services expenses increased from the prior year, which resulted in a net operating loss, but it was not enough to eliminate the excess reserve balance. The excess amount has decreased significantly, however, from $80,573 as of June 30, 2018, to $20,623 as of June 30, 2019.  
**State Surplus Property:**  
State Surplus Property will be relocating in 2021 when the Utah State Prison is relocated. State Surplus will need to use these excess reserves to invest in a new building. The excess reserves are anticipated to continue until that time. |
### GENERAL FINDINGS (continued)

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<td>2018-033 (continued) 2011</td>
<td><strong>Partial Corrective Action Taken:</strong></td>
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<td></td>
<td></td>
<td><strong>Cooperative Contract Management:</strong></td>
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<td>The Division continues to decrease the administrative fees on each of its state cooperative contracts as each contract expires and is rebid. The Division is allowed under law to collect up to a 1.0% administrative fee on each cooperative contract. Currently, the average administrative fee is 0.38%.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In addition, the Division has also hired two additional employees and invested in a new contract usage system and analytics tool. The new system and additional employees will help improve the management of its cooperative contracts. The system also will assist the Division in anticipating usage and decreasing the administrative fees of appropriate contracts.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Print Services:</strong></td>
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<tr>
<td></td>
<td></td>
<td>Print Services has reviewed and decreased its administrative fees.</td>
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<tr>
<td></td>
<td></td>
<td><strong>State Surplus Property:</strong></td>
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<tr>
<td></td>
<td></td>
<td>State Surplus will use the excess reserve funds to invest in a new building when they relocate in 2021.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Corrective Action Planned:</strong></td>
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<tr>
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<td></td>
<td>Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-023.</td>
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<tr>
<td></td>
<td></td>
<td><strong>Contact Person:</strong> Christopher Hughes, Director, 801-538-3254</td>
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<td></td>
<td></td>
<td><strong>Anticipated Completion Date:</strong></td>
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<tr>
<td></td>
<td></td>
<td>Cooperative Contract Management – June 30, 2022,</td>
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<td></td>
<td></td>
<td>Print Services – June 30, 2020,</td>
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**DIVISION OF FINANCE**

**Status:** Implemented – corrective action taken. (Purchasing Card Services)
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<td>2011</td>
<td><strong>DIVISION OF RISK MANAGEMENT</strong></td>
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<tr>
<td>(continued)</td>
<td></td>
<td><strong>Status:</strong> Partially corrected.</td>
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<tr>
<td></td>
<td></td>
<td><strong>Reasons for Recurrence:</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>Workers’ Compensation:</strong></td>
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<tr>
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<td>The Division was unaware of the magnitude of the adjustments to calculate the federal retained earnings balance and had worked to decrease just the retained earnings balance on the FINET accounting system so it was less than the retained earnings balance allowed by federal regulations.</td>
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<tr>
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<td></td>
<td><strong>Property Self Insurance:</strong></td>
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<td></td>
<td>The Property fund had lower than anticipated claims in FY 2019, increasing the retained earnings balance.</td>
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<tr>
<td></td>
<td></td>
<td><strong>Partial Corrective Action Taken:</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>Workers’ Compensation:</strong></td>
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<td></td>
<td>The Division transferred $5.5 million out of the fund during FY 2018 and FY 2019 to reduce the retained earnings balance. The Division has also requested a rate decrease beginning in FY 2020. The Division will be requesting an additional $1 million transfer out of this fund in FY 2020.</td>
</tr>
<tr>
<td></td>
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<td><strong>Property Liability Self Insurance:</strong></td>
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<td>The Division used a lower property rate than the actuary recommended for FY 2019 and FY 2020, and will use a lower property rate than the actuary recommended for FY 2021 to reduce retained earnings. The Division will watch results and request a rate for FY 2022 appropriate to keep retained earnings within the 60-day federal guidelines.</td>
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<tr>
<td></td>
<td></td>
<td><strong>Corrective Action Planned:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-023.</td>
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<tr>
<td></td>
<td></td>
<td><strong>Contact Person:</strong> Brian Nelson, Director, 801-538-9576</td>
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<td></td>
<td></td>
<td><strong>Anticipated Completion Date:</strong></td>
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<tr>
<td></td>
<td></td>
<td>Workers Compensation Fund: June 30, 2020</td>
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<tr>
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<td></td>
<td>Property Fund: June 30, 2021</td>
</tr>
<tr>
<td><strong>DIVISION OF FLEET OPERATIONS</strong></td>
<td></td>
<td><strong>Status:</strong> Implemented – corrective action taken. (Motor Pool and Travel Office)</td>
</tr>
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</table>
### GENERAL FINDINGS (continued)

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<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
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</table>
(Utah Department of Human Resource Management)  
**Status**: Partially corrected. (Human Resources Field Services – Implemented,  
Payroll Field Services – Not implemented)  
**Reasons for Recurrence**: The excess retained earnings for Payroll Field Services was caused by lower than anticipated expenses.  
**Partial Corrective Action Taken**: The Department of Human Resource Management (DHRM) is evaluating the Payroll Field Services’ rate for fiscal year 2020 and will adjust it prior to billing, if necessary. DHRM anticipates this retained earnings balance will be in compliance with the 60-day working capital limit by June 30, 2020.  
**Corrective Action Planned**: Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-024.  
**Contact Person**: Paul Garver, Executive Director, DHRM 801-538-3185 and Robbie Bullock, Human Resources Analyst, 801-538-3174  
**Anticipated Completion Date**: June 30, 2020 |
(Utah Department of Technology Services)  
**Status**: Partially corrected.  
(Hosting Services – Not implemented, Network Services – Implemented)  
**Reasons for Recurrence**: The adoption of cloud based hosting technologies has been slower than anticipated due to an effort by the Department of Technology Services (DTS) to implement strong governance and best practices in this area. DTS has also taken a conservative approach regarding spending by only investing in the infrastructure needed in the near term with the expectation that they will need to increase investment as cloud based hosting usage increases.  
**Partial Corrective Action Taken**: DTS gave significant mid-year rate reductions and rebates in both FY 2018 and FY 2019 to Hosting Services customers of about $1.3 million and $900 thousand respectively. In addition, DTS has proposed rates for FY 2020 and FY 2021 which are lower than the projected actual costs to provide this service. This was done in order to further draw down Hosting Services retained earnings by about $1.7 million in FY 2020 and $900 thousand in FY 2021. |
## GENERAL FINDINGS (continued)

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
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<tbody>
<tr>
<td>2018-035</td>
<td>2018</td>
<td>The advent and adoption of cloud based hosting technology will continue to change DTS operations and demand for DTS Hosting Services. As part of the DTS strategic plan, DTS will take advantage of cloud based hosting to provide even more efficient services. DTS is positioned to assist customers with a switch from hosting with DTS in the State Data Center to hosting with another provider. This switch will impact revenue; funds that would have been paid to DTS will now be paid to an outside vendor. Finally, many agencies are taking advantage of software as a service which, in some instances, moves the hosting services away from DTS to a vendor used by the software company. DTS currently estimates it will lose at least $1.1 million to cloud based hosting services alone in FY 2020 and another $1 million in FY 2021. These amounts are conservative estimates and if cloud based hosting services adoption continues to rise, DTS will likely see additional revenue shortfalls. As customers continue to transition from DTS Hosting services to cloud based hosting services, DTS will closely track the impact to Hosting Services revenues and expenses. DTS will annually review and adjust rates and will issue mid-year rebates if necessary to bring DTS Hosting Services into compliance with federal excess reserve guidelines by the end of FY 2022. Corrective Action Planned: Planned corrective action is described in the current year’s Corrective Action Plan in finding 2019-025.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Contact Person:</strong> Dan Frei, Finance Director, 801-538-3459</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Anticipated Completion Date:</strong> June 30, 2022</td>
</tr>
<tr>
<td>2018-036</td>
<td>1997</td>
<td><strong>Finding:</strong> Working Capital Reserves in Excess of Federal Guidelines (Public Employees Health Program)</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Status:</strong> Partially corrected.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Reasons for Recurrence:</strong> The Public Employees Health Program (PEHP) State Medical, State Dental, Long-term Disability, and Medicare Supplement programs still have working capital reserves above the federally allowed amounts. This is because it is difficult to predict actual trends and experience. Actual results in claims experience that are different than PEHP’s initial assumptions have a significant impact on the level of working capital reserves. <strong>Partial Corrective Action Taken:</strong> State Medical – As previously agreed with Cost Allocation Services (CAS), PEHP has refunded the federal portion of the excess reserve balance in this program as of June 30, 2018. Due to favorable claim experience, cost cutting measures, and higher than projected investment income, actual results were much better than expected in this program for fiscal year ending June 30, 2019. As a result, this program had reserves in</td>
</tr>
</tbody>
</table>
SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
FOR YEARS PRIOR TO THE YEAR ENDED JUNE 30, 2019
Status as of June 30, 2019

GENERAL FINDINGS (continued)

<table>
<thead>
<tr>
<th>Finding</th>
<th>Initial Year</th>
<th>Status of Findings and Questioned Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-036</td>
<td>1997</td>
<td>excess of the federally allowed amount as of June 30, 2019. PEHP plans to issue a $30 million experience dividend from this program to participants in May 2020. This experience dividend is expected to bring the reserves in this program down to the federally allowable amount. When the State of Utah receives their share of the $30 million experience dividend from PEHP, the Division of Finance will calculate the federal portion and submit it to CAS for their review and approval.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>State Dental</strong> – PEHP paid out a $4 million experience dividend to reduce the excess reserves in this program in fiscal year 2017. PEHP also did not increase the premium rate for this program for fiscal year 2018 and decreased the rate 2.89% for fiscal year 2019. Even with these measures, this program had an excess reserve balance above the federally allowed amount for fiscal year 2019. As previously agreed, PEHP will request the Division of Finance to calculate the federal portion of this excess reserve balance and submit it to CAS for their review and approval.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Long-term Disability</strong> – PEHP paid out a $5.5 million experience dividend to reduce the excess reserves in this program in fiscal year 2017. PEHP also lowered the premium rate for this program from 0.6% to 0.5%. As previously agreed, PEHP has also refunded the federal portion of the excess reserve balance in this program as of June 30, 2018. Due to favorable claim experience and cost-cutting measures, this program still had reserves in excess of the federally allowed amount at June 30, 2019. PEHP plans to request approval from CAS for an additional year to study the current rates in relationship to claim trends. If there is still an excess reserve balance as of June 30, 2020, PEHP plans on refunding the federal portion of the excess reserve balance as of that date.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Medicare Supplement</strong> – Due to the large changes in the reserve for this program, the rate for calendar year 2019 was increased 3% from the prior year. The rate for calendar year 2020 was increased 4% and is expected to meet actual medical trend costs; whereas the rate for Medicare Part D was decreased by 6.5%. This program has recently had favorable claim experience and received pharmacy subsidies greater than expected amounts. PEHP plans to request approval from CAS for an additional year from the previously agreed upon excess reserve elimination deadline date of June 20, 2019 to determine if an excess reserve actually exists in this program. However, if this program continues to have excess reserves at June 30, 2020, PEHP plans on refunding the federal portion of the excess reserve balance as of that date.</td>
</tr>
</tbody>
</table>

**Corrective Action Planned:**
Planned corrective action is described in the current year’s Corrective Action Plan for finding 2019-026.

**Contact Person:** Robert Dolphin, Chief Financial Officer, 801-366-7429

**Anticipated Completion Date:** June 30, 2021
### GENERAL FINDINGS (continued)

<table>
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<tr>
<th>Finding</th>
<th>Initial Year</th>
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</tr>
</thead>
</table>
| 2018-037  | 2018         | **Finding:** Working Capital Reserves in Excess of Federal Guidelines  
Utah State University  
**Status:** Implemented – corrective action taken. |
| 2018-038  | 2018         | **Finding:** Cost Allocation Implementation Errors  
Utah Department of Workforce Services  
**Status:** Partially corrected.  
**Reasons for Recurrence:** The corrective action required implementation of additional reviews. As a result of the coordination and resources required to implement the additional reviews, the corrective action was not in place for the majority of the fiscal year.  
**Partial Corrective Action Taken:** The Utah Department of Workforce Services strengthened existing internal controls to ensure that costs are appropriately recorded and to ensure that costs are allocated in accordance with the department’s federally-approved public assistance cost allocation plan. Specifically, the department (1) implemented additional reviews to ensure that costs are appropriately recorded directly to federal or state programs or to an appropriate cost center, and (2) added a review of the monthly cost allocation preparation by the department’s budget manager to ensure that random moment time study distributions include all appropriate strikes. The corrective action was fully implemented as of December 31, 2018.  
**Corrective Action Planned:** The corrective action was completed, but was not in place for the majority of the fiscal year.  
**Contact Person:** Nathan Harrison, Finance Director, 801-526-9402  
**Anticipated Completion Date:** December 31, 2018. |
FOR THE FISCAL YEAR
ENDED JUNE 30, 2019

2019

STATE
OF UTAH

Comprehensive Annual
Financial Report
CONSTITUTIONAL OFFICERS OF THE STATE OF UTAH

Gary R. Herbert..................................................................................................................Governor
Spencer J. Cox..................................................................................................................Lt. Governor
John Dougall....................................................................................................................State Auditor
David C. Damschen, CTP..................................................................................................State Treasurer
Sean D. Reyes...................................................................................................................Attorney General
J. Stuart Adams................................................................................................................President of the Senate
Brad R. Wilson................................................................................................................Speaker of the House
Matthew B. Durrant..........................................................................................................Chief Justice, Supreme Court

OTHER STATE OFFICIALS

Tani Pack Downing.........................................................................................................Executive Director, Department of Administrative Services
John C. Reidhead, CPA....................................................................................................Director, Division of Finance
Kristen Cox......................................................................................................................Director, Governor’s Office of Management and Budget
Jonathan C. Ball............................................................................................................Director, Office of the Legislative Fiscal Analyst
Kade R. Minchey, CIA, CFE..........................................................................................Auditor General, Office of the Legislative Auditor General
John Q. Cannon...............................................................................................................Director, Office of Legislative Research and General Counsel

ACKNOWLEDGMENTS

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  Darin C. Janzen
  Kurt M. Kleckner
  Lynda B. McLane, CPA
  Lynn T. Webb, CPA
  Allyson C. Branch, CPA
  Scott R. Blackham, CPA emeritus
  Matthew B. Ferguson, CPA
  Amanda L. Hensley
  Benjamin D. Higley

Special appreciation is given to all of the budget and accounting officers throughout the State whose extra time and effort has made this report possible. Thank you also to Clark Kidman at Design Type Service for providing images and captions displaying Utah’s many opportunities for outdoor recreation.
# COMPREHENSIVE ANNUAL FINANCIAL REPORT
For the Fiscal Year Ended June 30, 2019

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To the Citizens, Governor,
and Members of the Legislature
of the State of Utah:

It is our pleasure to present the 2019 Comprehensive Annual Financial Report of the State of Utah in accordance with Section 63A-3-204 of the Utah Code. Responsibility for the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with the State’s management. To the best of our knowledge and belief, the enclosed data accurately presents the State’s financial position and results of operations in all material respects in accordance with generally accepted accounting principles (GAAP). We believe that all disclosures necessary to enable the reader to gain an understanding of the State’s financial activities are included.

Internal Control – The State’s systems of internal control over assets recorded in the accounting system have been designed to provide reasonable, but not absolute, assurance of safeguarding assets against loss from unauthorized use or disposition and to ensure the reliability of financial records for preparing financial statements. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived and that the evaluation of costs and benefits requires estimates and judgments by management.

Independent Auditors – In compliance with state statute, an annual financial audit of the “State Reporting Entity” is completed each year by the Office of the State Auditor in conjunction with other independent audit firms. Their audits were conducted in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States. The State Auditor’s report and the opinion on the fair presentation of the Basic Financial Statements are included in the Financial Section of this report.


Management’s Discussion and Analysis (MD&A) – The discussion and analysis provides an overview and analysis of the State’s Basic Financial Statements. This letter of transmittal is intended to complement the MD&A and should be read in conjunction with it.

PROFILE OF THE GOVERNMENT

Structure – As shown in the Organizational Chart, state government is divided into three separate branches: legislative, executive, and judicial. The duties of each branch are outlined in the Utah Constitution, which can be amended only by vote of the Legislature and a majority vote of the State’s citizens, and in the Utah Code, which can be amended by the Legislature or by citizen initiatives. State government provides various services to over 3,212,000 citizens. Services include building and maintaining roads; providing public safety, health, and environmental protection services to protect the general welfare of the State’s citizens; helping adults, children, and families through difficult times such as abuse, divorce, illness, death, and unemployment; fostering an attractive business climate to encourage economic growth; and protecting public lands and natural resources for conservation.
and recreational activities. The State also provides significant financial support to its higher education institutions, local
governments, and school districts to help those entities meet the specific needs of their constituents.

**The State Reporting Entity** – The State Reporting Entity includes the primary government and its discretely presented
component units. The primary government of the State of Utah includes all funds, departments, boards, and commissions that
make up its legal entity. In addition to these primary government activities, this report includes information related to discretely
presented component units for which the primary government is financially accountable. Although such information is provided
in this report, the MD&A and Basic Financial Statements focus on the primary government and its activities. Separately issued
financial statements are available from the significant discretely presented component units and should be read to obtain a better
understanding of their financial conditions. Additional information on all discretely presented component units can be found in
Note 1. A. to the financial statements.

**Budgetary Process and Control** – The Utah Constitution requires that budgeted expenditures not exceed estimated revenues
and other sources of funding, including beginning fund balances. Annually, the Governor is required to submit a balanced budget
for the governmental funds with an annual appropriated budget (General, Education, Transportation, Transportation Investment,
and Debt Service Funds), by function (e.g., health), and activity (e.g., medical assistance) to the Legislature. The Legislature
authorizes expenditures by line item in the annual Appropriations Acts. Line item is the legal level of budgetary control. The
Acts also identify the sources of funding for budgeted expenditures. In the event actual revenues are insufficient to cover budgeted
expenditures, the Governor must order budget reductions or call a special session of the Legislature to address budget issues.
Adjustments to the budget may also be made throughout the year for changes in departmental or fund revenues so that line items
and funds will not end the fiscal year in a deficit position. For additional information on the budgetary process and control, see
the Required Supplementary Information and related notes.

**INFORMATION USEFUL IN ASSESSING A GOVERNMENT'S ECONOMIC CONDITION**

**Local Economy** – The Utah economy continues to out-perform national averages. Utah’s economy is expected to
grow moderately through 2020 on the strength of steady job and wage growth.

Utah’s unemployment rate averaged 3.1 percent in calendar year 2018, and is expected to decrease to an average of 2.9
percent in 2019, and 2.8 percent in 2020. In 2018, personal income increased by 7.2 percent and nonagricultural wages
increased by 7.6 percent. In 2019, personal income is expected to increase by 5.9 percent and nonagricultural wages are expected to increase by 6.6 percent. Taxable retail sales increased by 5.1 percent in 2018 and are expected to
increase by 3.9 percent in 2019.

Total construction value was $8.5 billion in 2018, a 3.7 percent increase from the prior year. In 2019, total construction value is expected to increase to $9.2 billion, an
8.2 percent increase due to continued strength in residential and commercial construction. Residential construction was
$5.2 billion in 2018, a 10.6 percent increase from the prior year. Residential permit value is expected to increase 7.7
percent to $5.6 billion in 2019. Nonresidential construction was $2.2 billion in 2018, a 4.3 percent decrease from the
prior year, but still well above the annual average since 2000 of $1.7 billion (inflation adjusted). Nonresidential
construction is expected to increase 4.5 percent in 2019.

In 2019, Utah’s population is estimated at 3,212,000, which
is an increase of 1.6 percent over the prior year. Utah had positive net migration of approximately 29,100 people in
2018 and is expected to grow by 22,900 in 2019. Utah has
had positive net migration for the past 29 years and this trend
is expected to continue in the coming years.

Source: State of Utah Revenue Assumptions Working Group, Moody’s Economy.com, and IHS Global Insight.
Industries – Utah’s job market has grown 32.6 percent since hitting a low point at the beginning of 2010. At the end of fiscal year 2019, Utah’s unemployment rate was the fifth lowest in the nation. Utah’s nonagricultural employment is expected to increase by 2.8 percent in 2019 and by 2.3 percent in 2020, which is below the Utah average yearly rate of 3.1 percent (1950 through June 2019). All industrial sectors added jobs to Utah’s employment base. Professional and business added 10,200 jobs, with administration, waste management, and remediation contributing most of the gains. Education and health services added 10,000 jobs, with the largest increase in health services and social assistance. Manufacturing added 6,300 jobs, primarily in durable goods. Construction added 5,800 jobs, with specialty trade contractors adding the most jobs. The results for August 2018 to August 2019 are presented in the following table:

<table>
<thead>
<tr>
<th>Components of Labor Force</th>
<th>August (p) 2019</th>
<th>August (r) 2018</th>
<th>Numerical Change</th>
<th>Percentage Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade, Transportation, and Utilities</td>
<td>290.20</td>
<td>287.80</td>
<td>2.40</td>
<td>0.83%</td>
</tr>
<tr>
<td>Professional and Business</td>
<td>229.00</td>
<td>218.80</td>
<td>10.20</td>
<td>4.66%</td>
</tr>
<tr>
<td>Education and Health Services</td>
<td>209.70</td>
<td>199.70</td>
<td>10.00</td>
<td>5.01%</td>
</tr>
<tr>
<td>Government (Local/Federal)</td>
<td>157.70</td>
<td>155.90</td>
<td>1.80</td>
<td>1.15%</td>
</tr>
<tr>
<td>Leisure and Hospitality</td>
<td>158.10</td>
<td>154.70</td>
<td>3.40</td>
<td>2.20%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>140.10</td>
<td>133.80</td>
<td>6.30</td>
<td>4.71%</td>
</tr>
<tr>
<td>Construction</td>
<td>113.50</td>
<td>107.70</td>
<td>5.80</td>
<td>5.39%</td>
</tr>
<tr>
<td>Financial Activities</td>
<td>91.20</td>
<td>88.80</td>
<td>2.40</td>
<td>2.70%</td>
</tr>
<tr>
<td>Government (State/Higher Ed.)</td>
<td>78.70</td>
<td>78.00</td>
<td>0.70</td>
<td>0.90%</td>
</tr>
<tr>
<td>Other Services</td>
<td>43.40</td>
<td>42.20</td>
<td>1.20</td>
<td>2.84%</td>
</tr>
<tr>
<td>Information</td>
<td>40.80</td>
<td>39.60</td>
<td>1.20</td>
<td>3.03%</td>
</tr>
<tr>
<td>Natural Resources and Mining</td>
<td>10.10</td>
<td>9.60</td>
<td>0.50</td>
<td>5.21%</td>
</tr>
<tr>
<td>Total</td>
<td>1,562.50</td>
<td>1,516.60</td>
<td>45.90</td>
<td>100.00%</td>
</tr>
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</table>

(p) = preliminary (r) = revised

Outlook – The national economy is expected to continue to grow moderately in the last half of 2019 and decelerate in 2020. The Utah economy continues to grow more rapidly than the nation. Utah’s young, educated workforce, diverse mix of industries, and appealing business climate continue to be advantages for the Utah economy. Despite this positive outlook, downside risks remain. Risks to the Utah economy include the supply of workers, housing affordability, interest rates, and air quality issues. Overall, Utah is expected to grow moderately barring any major disruptions to the national and global economies.

FINANCIAL PLANNING AND POLICIES

General Obligation Debt Administration – As part of long-term financial planning, the State has used a combination of bonding and pay-as-you-go methods to meet its infrastructure needs. In fiscal years 2009 through 2014, under budget constraints coupled with a low interest rate environment, the State elected to increase its debt by issuing bonds for highway and/or building projects that otherwise would have been funded from current resources. During the years debt was issued, the State continued to fund some projects with cash. In fiscal years 2015 and 2016, the State continued its prudent fiscal management by paying cash for most building, highway, and other projects. In fiscal year 2015, the State authorized $474.7 million in general obligation debt for the new prison project. There were no general obligation bond issuances, authorizations, or refundings in fiscal year 2016.

In fiscal year 2017, the State authorized $1.047 billion in general obligation bonds for highway construction projects and authorized an additional $101 million for the prison project. In fiscal year 2018, the State authorized no new general obligation

FINANCIAL PLANNING AND POLICIES

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In fiscal year 2017, the State authorized $1.047 billion in general obligation bonds for highway construction projects and authorized an additional $101 million for the prison project. In fiscal year 2018, the State authorized no new general obligation
bonds, but issued $295.8 million for highway construction projects and $189.4 million for the prison project from prior authorizations. The State also advance refunded $118.7 million of general obligation bonds to take advantage of the low interest rate environment. In fiscal year 2019, the State issued $127.7 million for highway construction projects from prior bond authorizations. As of June 30, 2019, the State’s general obligation debt per capita was $739. The State has an aggressive policy of repaying its general obligation debt within ten years for debt associated with capital facilities and fifteen years for highway construction projects. More information about the State’s long-term debt is found in Note 10 to the Basic Financial Statements.

Revenue and Expenditure Forecasts – Economists and budget analysts from the Executive and Legislative branches of government work with experts from the private sector and academia to develop the consensus revenue forecast used for establishing the State’s annual budget. The final 2019 consensus revenue forecast projected an increase of 5.7 percent in fiscal year 2019 from 2018 actual revenue for the General and Education Funds combined. For fiscal year 2020, 4.8 percent growth is projected. The long-term average revenue growth rate, adjusted for inflation, was approximately 3.5 percent for fiscal periods 1971 through 2018. See the Budgetary Highlights – General Fund in the MD&A for a comparison of budgeted to actual results for fiscal year 2019.

Budget Stabilization – In accordance with Sections 63J-1-312 and 313 of the Utah Code, the State maintains the General Fund Budget Reserve Account in the General Fund (the “Rainy Day Fund”) and an Education Fund Budget Reserve Account in the Education Fund (the “Education Reserve”). State law requires 25 percent of any revenue surplus in the General Fund to be deposited in the Rainy Day Fund after any required Medicaid growth savings transfer is made (see Medicaid Sustainability section below) and 25 percent of any revenue surplus in the Education Fund to be deposited in the Education Reserve, in each case up to a statutory limit. State law limits the totals of the Rainy Day Fund and Education Reserve based on the amount of appropriations from the General Fund and Education Fund, respectively, for the fiscal year in which the surplus occurred. For additional information on the State’s budget stabilization accounts see Note 12.B.

Medicaid Sustainability – The State implemented reforms in the Medicaid program in an effort to bring Medicaid growth more in line with overall state revenue growth. The reforms align financial incentives in the health care system by replacing the fee-for-service model with one or more risk-based delivery models. When a General Fund revenue surplus occurs, an amount representing the Medicaid growth savings from the risk-based delivery models will be deposited into the “Medicaid Budget Stabilization Account.” The account will then be used to meet the growing needs in the program in years when growth is expected to be at least 8 percent. For additional information on the State’s budget stabilization accounts, see Note 12.B.

Public Education Growth – Projections indicate that an additional 6,800 new students will enroll in fall 2019. Due to the current and future enrollment growth, and the demands it places on state funding, public education continues to be a top priority for the Governor and the Legislature. The Office of the Legislative Fiscal Analyst has developed a public education distribution model that allows legislators to see how proposed education policy changes will impact funding.

Federal Funding – In an effort to prepare for potential future reductions in federal funding, Section 63J-1-219 of the Utah Code requires most state agencies including public education and higher education institutions to report specific federal funding information to the Legislature. Annually, these entities must report total federal receipts received the preceding fiscal year in addition to providing contingency plans in the event federal receipts are reduced by either 5 percent or 25 percent.

The Legislature created the Federalism Commission. One aspect of the Commission’s responsibilities is to study and make recommendations on federal funding issues. The Commission is tasked with considering the financial stability of the federal government, the risk that the State will experience a reduction in the amount or value of federal funds, and methods to avoid or minimize the risk. Utah law requires economists and budget analysts from the Executive and Legislative branches of government to consider expected changes in federal funding when preparing the annual revenue volatility report and, if appropriate, recommend changes to amounts or limits of reserve funds. Utah law also requires the analyst to evaluate current and long-term trends relating to federal funds receipts and taxes, and prepare a three-year cycle of analysis on revenue volatility and budget matters.

In addition, all federal funds for state agencies must go through the annual appropriations process. To gain tighter control over federal grants that span several years, the Legislature also requires multiyear grants to go through an approval and summary requirements process, including approval in the annual Appropriations Acts.

Spending Limitation – The State has a statutory appropriations limit. The appropriations limit adjusts annually pursuant to a statutory formula based on population and inflation. The definition of appropriations includes only appropriations from General Fund and Education Fund sources (spending for public education and for transportation is exempt from the limitation). For the fiscal year ended June 30, 2019, the State was $597.068 million below the appropriations limitation.
**Adequate Funding for Ongoing Programs** – The Legislature works to ensure all programs have adequate ongoing funding. Coming into the 2019 General Session of the Legislature, before accounting for growth in either costs or revenues, Utah had a small temporal surplus of $14.5 million – meaning ongoing projected revenue exceeded ongoing commitments. A temporal balance is a short-term measure of structural balance. Legislators closed the 2019 General Session with a temporal surplus of $427.4 million. However, more than $300 million of this temporal surplus was from traditionally ongoing appropriations that were shifted to one-time due to uncertainty surrounding future General Fund revenue growth. A revenue restructuring task force will address this issue during the 2019 Interim, and the one-time appropriations may revert to ongoing before the 2020 General Session.

**Operating/Capital Expenditure Accountability** – During the 2014 General Session, the Legislature passed laws and rules to implement budget policy changes. These budget bills were, in part, aimed at smoothing revenue volatility by recognizing above trend growth, managing the volatility with rainy day deposit mechanisms, and treating windfalls as one-time revenue. The Legislature added in-depth budget reviews to the regular budget process. The legislation also required that the Office of the Legislative Fiscal Analyst prepare, before each annual general session of the Legislature, a summary showing the current status of the State’s debt, long-term liabilities, contingent liabilities, General Fund borrowing, reserves, fund and nonlapsing balances, and cash-funded capital investments, as compared to the prior nine fiscal years. In addition, the Legislative Fiscal Analyst also implemented a “fiscal health dashboard” website where legislators and citizens can quickly and easily check Utah’s fiscal health.

**MAJOR INITIATIVES**

During fiscal year 2019, the State of Utah continued to rank among the top states in private sector job growth and overall job growth. Due to continued economic expansion, the consensus revenue forecast adopted during the 2019 General Session anticipates that fiscal year 2020 will mark the tenth consecutive year of growth in unrestricted General Fund and Education Fund revenue collections.

Approximately $1.1 billion in new unrestricted revenue was available for appropriation during the 2019 General Session from the fiscal year 2018 surplus and revenue growth forecast for fiscal years 2019 and 2020. Under the consensus forecast, $670 million of this revenue was available for ongoing appropriations and $429 million for one-time appropriations. An additional 44 million was available due to a legal settlement, fiscal note bills and balance transfers, and future tax changes. Highlights of new appropriations for public and higher education, infrastructure, and other priorities are summarized below.

**Public Education** – The Legislature provided $303 million in new ongoing state-directed funding for the K-12 education system. Among other things, this new funding will support enrollment growth, local decisions about increases in teachers’ compensation, additional support for students at risk of academic failure, greater access to technology for instructional purposes, expansion of the Dual Language Immersion programs, student safety programs, and greater access to school counseling services.

**Higher Education** – The Legislature provided $105 million in new ongoing state funding for the postsecondary-education systems. Among other things, this new funding will support enrollment growth, efforts to further align educational offerings with workforce demands and efforts to knock down barriers to graduation.

The Legislature provided $150 million in new one-time state funding for the construction or renovation of three postsecondary-education facilities: Dixie State University Science Building, the Utah Valley University Business Building, and the Weber State University Engineering and Applied Science Building.

The 2019 General Session initiated several changes to higher education capital facilities funding mechanisms. The Legislature created two new higher education capital facilities funds, one for the Technical Colleges, and the other for Higher Education and shifted funding from the ongoing appropriation of $87 million to the Capital Projects Fund. The Legislature also expressed intent to appropriate $7 million one-time in fiscal year 2021 and $14 million ongoing beginning in fiscal year 2022 to the Technical Colleges Capital Projects Fund and $36.5 million one-time in fiscal year 2021 and $73 million ongoing beginning in fiscal year 2022 to the Higher Education Capital Projects Fund.

**Social Services** – Social Services programs received $61.4 million in new ongoing state general funds during the 2019 legislative session. These appropriations will address cost inflation and enrollment growth in current programs, but will also support new programs and the expansion of services associated with various pieces of legislation. The largest share of new state funds allocated to social service agencies went to the state Medicaid program. These dollars covered cost increases associated with programmatic changes, inflation and enrollment growth for individuals covered by Medicaid, and in-home waiver services.

Beyond the status quo, the 2019 General Session addressed the long-standing and much-debated issue of Medicaid expansion by expanding coverage to adults with income up to 100 percent of the Federal Poverty Level (FPL) with provisions in place to
expand to 138 percent FPL if certain Medicaid waivers are not approved by the federal government. As of this writing, the Federal Center for Medicare and Medicaid Services has denied Utah’s request for 90 percent federal cost sharing to serve the State’s expansion population up to 100 percent FPL as contemplated by Senate Bill 96, *Medicaid Expansion Adjustments*. Consequently, the State is currently developing its next-stage Medicaid expansion waiver request, which will include coverage for newly eligible adults up to 138 percent FPL, along with various other elements such as a self-sufficiency requirement for program beneficiaries and a lock-out period for program violations.

Another noteworthy item is the State’s efforts to address air quality. The Legislature appropriated $28.2 million for air quality related projects in the 2019 legislative session. That funding is for upgrades to equipment, incentives for private individuals and businesses, and messaging activities. This also includes just over $6 million for state government telework initiatives.

**Transportation** – With Utah’s population projected to increase more than 40 percent by 2040, the State faces significant transportation needs. The fiscal year 2020 budget contains approximately $1.7 billion for the Department of Transportation (UDOT) to help ensure that Utah citizens continue to enjoy a high degree of mobility.

**Other Highlights** – During the 2019 General Session, the Legislature approved the equivalent of a 2.5 percent salary increase for state employees. Legislators appropriated $24.8 million General Fund to the General Fund Budget Reserve Account and $69.1 million Education Fund to the Education Fund Budget Reserve Account. The Capitol Preservation Board received $110 million one-time to address space needs for the Department of Agriculture, Department of Heritage and Arts, and agencies residing on Capitol Hill. Additionally, during the 2018 Third Special Session, the legislature appropriated $67 million in fiscal year 2019 and $110 million ongoing (plus $58 million one-time in fiscal year 2020) for cash funding of the remaining known costs of constructing a new state prison near the Great Salt Lake. The $110 million ongoing appropriation was later switched to one-time as a component of the State’s revenue restructuring process.

**State Employee Other Postemployment Benefit Plan** – The Actuarially Determined Contribution (ADC) for the State Employee Other Postemployment Benefit (OPEB) plan was $25.9 million. The Legislature considered this ADC when establishing the OPEB budget for fiscal year 2020. The ADC represents a level of funding that, if paid on an ongoing basis, is actuarially projected to fund the unfunded liability over a period of five years.

**AWARDS AND ACKNOWLEDGEMENTS**

The Government Finance Officers Association (GFOA) awarded the *Certificate of Achievement for Excellence in Financial Reporting* to the State of Utah for its comprehensive annual financial report for the fiscal year ended June 30, 2018. This was the thirty-fourth consecutive year the State has achieved this prestigious award.

In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program’s requirements, and we are submitting it to GFOA to determine its eligibility for another certificate. We are committed to this effort, and we intend to maintain a highly qualified and professional staff to make this certification possible.

The preparation of this report would not have been possible without the efficient and dedicated service of the entire staff of the Division of Finance, Department of Administrative Services. We also express our gratitude to the budget and accounting officers throughout state government and the Office of the State Auditor for their assistance.

Sincerely,

John C. Reidhead, CPA
Director of Finance
Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

State of Utah

For its Comprehensive Annual Financial Report for the Fiscal Year Ended

June 30, 2018

Christophe P. Morrill
Executive Director/CEO
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FINANCIAL
SECTION

STATE OF UTAH
Comprehensive Annual Financial Report
FOR THE FISCAL YEAR ENDED JUNE 30, 2019

2019

Hiking The Narrows in Zion National Park
To Members of the Utah State Legislature
and
The Honorable Gary R. Herbert
Governor, State of Utah

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of Utah (State), as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the State’s basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We did not audit the financial statements of the following funds or entities:

- School and Institutional Trust Funds Office which represents 96 percent of the assets, 97 percent of the fund balances, and 53 percent of the revenues of the Permanent Trust Lands Fund.
- Student Assistance Programs which represent all of the assets, net position, and revenues of the Student Assistance Programs’ major enterprise fund.
- Public Employees Health Program, Utah Transit Authority, University of Utah Hospitals and Clinics, the University of Utah’s component units, and Utah State University Research Foundation which collectively represent 41 percent of the assets, 27 percent of the net position, and 48 percent of the revenues of the aggregate discretely presented component units.
- Utah Retirement Systems and Utah Educational Savings Plan dba my529 which represent 80 percent of the assets, 81 percent of the fund balance/net position, and 21 percent of the revenues/additions of the aggregate remaining fund information.

Those financial statements were audited by other auditors whose reports have been furnished to us, and our opinion, insofar as it relates to the amounts included for these entities, is based solely on the reports of the other auditors.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.
An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor’s judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity’s preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity’s internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, based on our audit and the reports of other auditors, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State as of June 30, 2019, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

During the 2018 General Session of the Utah State Legislature, the governance structure of the Utah Transit Authority was modified, creating a governing board appointed by the Governor. Due to this change in governance structure, the State can now impose its will on UTA, effective November 1, 2018. As a result, UTA is now included as part of the State of Utah’s reporting entity as a major discrete component unit, and the Statement of Activities - Component Units reflects a $993.677 million increase in net position restricted for transit services. See further discussion in Note 2. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the following information-management’s discussion and analysis (pages 18-30), and the budgetary comparison schedules and information about the State’s pension plans, other postemployment benefit plans, and infrastructure assets reported using the modified approach (pages 136-153) - be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management’s responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the State’s basic financial statements. Supplementary information such as the combining and individual fund financial statements and schedules, and other information such as the introductory and statistical sections, are presented for purposes of additional analysis and are not a required part of the basic financial statements.
The combining and individual fund financial statements and schedules (pages 158-203) are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, based on our audit, the procedures performed as described above, and the reports of other auditors, the combining and individual fund financial statements and schedules are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory and statistical sections (pages 1-11 and 207-243) have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on them.

**Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report, dated November 25, 2019, on our consideration of the State’s internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the State’s internal control over financial reporting and compliance.

Office of the State Auditor
November 25, 2019
INTRODUCTION

The following is a discussion and analysis of the State of Utah’s financial performance and condition, providing an overview of the State’s activities for the fiscal year ended June 30, 2019. Please read this in conjunction with the transmittal letter in the Introductory Section of this report and with the State’s financial statements that follow this section.

HIGHLIGHTS

Government-wide

- Total assets and deferred outflows of resources of the State exceeded liabilities and deferred inflows of resources by $27.588 billion (reported as net position). Of this amount, $3.167 billion (unrestricted net position) may be used to meet the government’s ongoing obligations while $24.421 billion is restricted for specific uses or invested in capital assets.

- The State’s total net position increased $1.278 billion or 4.86 percent over the prior year. Net position of governmental activities increased $1.178 billion or 5.17 percent. Net position of business-type activities increased $100.265 million or 2.83 percent.

Fund Level

- The governmental funds reported combined ending fund balances of $7.317 billion, an increase of $696.201 million in comparison with the prior year. Approximately 37.19 percent, or $2.721 billion of the ending fund balance is considered unrestricted (committed, assigned, or unassigned) and is available for spending either at the government’s discretion or upon legislative approval.

- The General Fund ended the fiscal year with a zero dollar surplus by using $21.707 million of the $112.180 million of General Fund budgeted revenues set aside for fiscal year 2020. Because there was no revenue surplus, there were no statutory transfers from the General Fund to any stabilization or reserve accounts.

- The Education Fund ended the fiscal year with a $107.275 million surplus after a statutory transfer of $33.510 million to the Education Budget Reserve Account.

- The State’s stabilization accounts, the General Fund Budget Reserve Account (Rainy Day Fund), Medicaid Budget Stabilization Account, and Education Budget Reserve Account, ended the fiscal year with balances of $225.121 million, $74.819 million, and $471.908 million, respectively.

- Sales tax revenues in the governmental funds increased $158.622 million or 5.99 percent, compared to $243.649 million or 10.14 percent increase in the prior year. Total tax revenues increased $83.919 million or 3.49 percent in the General Fund and $410.547 million or 9.15 percent in the Education Fund.

Long-term Debt

- The State’s long-term bonded debt decreased by a net $416.616 million or 9.54 percent. General obligation bonds for the primary government decreased $123.801 million or 4.96 percent, while revenue bonds for the primary government decreased $292.815 million or 15.80 percent.

OVERVIEW OF THE FINANCIAL STATEMENTS

This report includes the State’s Basic Financial Statements, Required Supplementary Information, and Supplementary Information. The Basic Financial Statements include three components: government-wide financial statements, fund financial statements, and notes to the financial statements.

Government-wide Statements – Reporting the State as a Whole

The Statement of Net Position and the Statement of Activities together comprise the government-wide financial statements. These statements provide a broad overview of the State’s finances as a whole with a long-term focus and are prepared using the full-accrual basis of accounting, similar to private-sector companies. This means all revenues and expenses are recognized regardless of when cash is received or spent, and all assets, deferred outflows of resources, liabilities, and deferred inflows of resources, including capital assets and long-term debt, are reported at the entity level. The government-wide statements report the State’s net position—the difference between assets and deferred outflows of resources, compared to liabilities and deferred inflows of resources—and how it has changed from the prior year. Over time, increases and decreases in net position measure whether the State’s overall financial condition is improving or deteriorating. In evaluating the State’s overall condition, additional non-financial factors should
be considered such as the State’s economic outlook, changes in its demographics, and the condition of its capital assets and infrastructure. The government-wide statements report three activities:

- **Governmental Activities** – Most of the State’s basic services fall under this activity including education, transportation, public safety, courts, corrections, health, and human services. Taxes and federal grants are the major funding sources for these programs.

- **Business-type Activities** – The State operates certain activities much like private-sector companies by charging fees to customers to cover all or most of the costs of providing the goods and services. Student loans, unemployment compensation, water loan programs, and liquor sales are examples of business-type activities.

- **Component Units** – A number of entities are legally separate from the State, yet the State remains financially accountable for them. Colleges and Universities, Utah Communications Authority, and Utah State Fair Corporation are examples of discrete component units.

**Fund Financial Statements – Reporting the State’s Most Significant Funds**

The fund financial statements provide detailed information about individual major funds, not the State as a whole. A fund is a group of related accounts that the State uses to keep track of specific resources that are segregated for a specific purpose. Some funds are required by law to exist, while others are established internally to maintain control over a particular activity. All of the State’s funds are divided into three types, each of which uses a different accounting approach:

- **Governmental Funds** – Most of the State’s basic services are accounted for in governmental funds and are essentially the same functions reported as governmental activities in the government-wide statements. Governmental funds use the modified accrual basis of accounting, which measures the flow of current financial resources that can be converted to cash and the balances left at yearend that are available for future spending. This short-term view of the State’s financial position helps determine whether the State has sufficient resources to cover expenditures for its basic services in the near future.

- **Proprietary Funds** – Proprietary funds include enterprise funds and internal service funds and account for state activities that are operated much like private-sector companies. Like the government-wide statements, proprietary fund statements are presented using the full-accrual basis of accounting. Activities whose customers are mostly outside of state government (e.g., water loans to local governments) are accounted for in enterprise funds and are the same functions reported as business-type activities. Thus, the enterprise fund financial statements reinforce the information reported for business-type activities in the government-wide statements, but provide more detail and additional information, such as cash flows. Activities whose customers are mostly other state agencies (e.g., motor pool) are accounted for in internal service funds. The internal service fund activities are consolidated with the governmental activities in the government-wide statements because those services predominantly benefit governmental rather than business-type activities.

- **Fiduciary Funds** – Fiduciary funds account for assets that, because of trust relationships, can be used only for trust beneficiaries. The State is responsible for ensuring these assets are used for their intended purposes. Fiduciary funds use the full-accrual basis of accounting, but are not included in the government-wide statements because their assets are not available to finance the State’s own programs.

**Reconciliation between Government-wide and Fund Statements**

The financial statements include reconciliation schedules that explain the differences between the amounts reported for governmental activities on the government-wide statements (full accrual basis of accounting, long-term focus) with amounts reported on the governmental fund statements (modified accrual basis of accounting, short-term focus). The following are some of the major differences between the two statements:

- Capital assets and long-term debt are included on the government-wide statements, but are not reported on the governmental fund statements.

- Capital outlay expenses result in capital assets on the government-wide statements, but are reported as expenditures on the governmental fund statements.

- Bond proceeds result in liabilities on the government-wide statements, but are other financing sources on the governmental fund statements.

- Certain tax revenues that are earned but not yet available are reported as revenue on the government-wide statements,
but are deferred inflows of resources (unavailable revenue) on the governmental fund statements.

Notes to the Financial Statements
The notes provide additional information and schedules that are essential to a complete understanding of the financial statements. The notes apply to both the government-wide financial statements and the governmental fund financial statements.

Required Supplementary Information (RSI)
Following the Basic Financial Statements are budgetary comparison schedules for major funds with legally adopted budgets. In addition, RSI includes up to ten years of information on the State’s pension plans, including schedules on the changes in the net pension liability and employer contributions for all systems with up to ten years of information. RSI also includes schedules for the State’s defined benefit Other Postemployment Benefit Plans and condition assessment data related to infrastructure. RSI further supports the information in the basic financial statements.

Supplementary Information
Supplementary Information includes combining statements for the State’s nonmajor governmental, nonmajor enterprise, internal service funds, fiduciary funds, and nonmajor discretely presented component units. This section also includes schedules which compare budgeted expenditures to actual results at the legal level of control, which is generally the line item level of the Appropriations Acts.

Statistical Section
This section provides up to ten years of financial, economic, and demographic information.

Adjustments to Beginning Net Position and Other Significant Changes
As discussed in Note 2 of the financial statements, governmental activities beginning net position decreased $15.469 million to reflect the removal of land improvements associated with land that was sold in previous years within the Trust Lands Permanent Fund.

Also discussed in Note 2, as a result of legislation passed during the 2018 Legislative General Session, the Utah Transit Authority is now included as part of the reporting entity of the State of Utah as a major discrete component unit. This resulted in an increase of component unit net position restricted for transit services of $993.677 million as reflected in the government-wide Statement of Activities - Component Units.

FINANCIAL ANALYSIS OF THE STATE AS A WHOLE

Net Position
The largest component of the State’s net position, 62.28 percent, reflects investments in capital assets (e.g., land, buildings, equipment, intangible assets, roads, and other infrastructure) less the outstanding debt issued to finance those assets. These types of assets are not available for future spending, nor can they be readily liquidated to pay off their related liabilities. Resources needed to repay capital-related debt must be provided from other sources.

Restricted net position comprises 26.25 percent of total net position and is subject to constitutional, legal, or external constraints on use. Net position that is restricted by the Utah Constitution includes individual income and corporate income taxes that can be used only for public and higher education costs and proceeds from fees, taxes, charges related to motor vehicles that can be used only for transportation expenses, and earnings received from investment of the permanent State School Fund.

The remaining balance of unrestricted net position may be used to meet the State’s ongoing obligations, though certain laws and internally imposed commitments or assignments of resources further limit the purposes for which much of the overall net position may be used.

(MD&A continues on next page.)
The State’s total net position increased $1.278 billion or 4.86 percent in fiscal year 2019. In comparison, net position in the prior year increased $1.525 billion or 6.15 percent. The increase in total net position reflects a growing economy and the active management of the State’s resources. The change in net position is comprised of the following:

- **Net Investment in Capital Assets** – Total net investment in capital assets increased slightly by 1.92 percent or $323.325 million. The State’s investment in highways and buildings exceeded depreciation and the net additional debt that was incurred to finance capital-related projects.

- **Restricted Net Position** – Total restricted net position increased $325.535 million or 4.71 percent over the prior year adjusted net position:

  **Restricted Net Position of Governmental Activities** increased $260.462 million or 5.55 percent, as follows:
  - Transportation net position increased $93.750 million or 24.23 percent due to an increase in unspent restricted revenues.
  - Public Education - Nonexpendable net position increased $72.404 million or 4.46 percent, primarily due to revenues generated from land use and gains on sale of trust lands in the Trust Lands Permanent Fund.
  - Public Education - Expendable net position increased $68.893 million or 2.78 percent primarily due to an increase in individual and corporate income tax revenues from the continued economic expansion. The increase in corporate tax revenues was also due to recent federal tax changes, which created a temporary surge as corporations repatriated foreign corporate earnings.

  **Restricted Net Position of Business-type Activities** increased $65.073 million or 2.93 percent due in part to a $41.020 million increase in the Unemployment Compensation and Insurance Program as unemployment compensation revenues exceeded related claims. Net position restricted for loan programs also increased $26.551 million as a result of additional loan capital provided from federal contracts and grants for Water Loan Programs, Community and Economic Loan Programs, and Student Assistance Programs. These increases were offset by a $2.498 million decrease in net position restricted for debt service.

- **Unrestricted Net Position** – Total unrestricted net position in governmental activities increased $597.883 million or 47.84 percent primarily due to an increase in the amount unspent and carried forward in the General Fund and for transportation and capital projects. Unrestricted net position in business-type activities increased $31.457 million or 2.44 percent due to dedicated sales tax revenues provided by the State as additional capital for the Water Loan Programs.

<table>
<thead>
<tr>
<th></th>
<th>Governmental Activities</th>
<th>Business-type Activities</th>
<th>Total Primary Government</th>
<th>Total Percentage Change 2018–2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2019</td>
<td>2018</td>
<td>2019</td>
<td>2018</td>
</tr>
<tr>
<td>Current and Other Assets</td>
<td>$9,433,121</td>
<td>$8,591,245</td>
<td>$4,978,396</td>
<td>$5,129,388</td>
</tr>
<tr>
<td>Capital Assets</td>
<td>19,573,801</td>
<td>19,211,956</td>
<td>96,818</td>
<td>92,779</td>
</tr>
<tr>
<td>Total Assets</td>
<td>$29,006,922</td>
<td>$27,803,201</td>
<td>$5,075,214</td>
<td>$5,222,167</td>
</tr>
<tr>
<td>Deferred Outflows of Resources</td>
<td>$483,436</td>
<td>$468,008</td>
<td>$12,047</td>
<td>$12,162</td>
</tr>
<tr>
<td>Current and Other Liabilities</td>
<td>$1,354,780</td>
<td>$1,221,622</td>
<td>$48,336</td>
<td>$47,821</td>
</tr>
<tr>
<td>Long-term Liabilities</td>
<td>4,100,452</td>
<td>3,886,101</td>
<td>1,380,019</td>
<td>1,628,078</td>
</tr>
<tr>
<td>Total Liabilities</td>
<td>$5,455,232</td>
<td>$5,107,723</td>
<td>$1,428,355</td>
<td>$1,675,899</td>
</tr>
<tr>
<td>Deferred Inflows of Resources</td>
<td>$86,312</td>
<td>$392,607</td>
<td>$20,019</td>
<td>$19,808</td>
</tr>
<tr>
<td>Net Investment in Capital Assets</td>
<td>$17,147,477</td>
<td>$16,827,887</td>
<td>$32,972</td>
<td>$29,237</td>
</tr>
<tr>
<td>Restricted</td>
<td>$4,953,627</td>
<td>$4,693,165</td>
<td>$2,286,785</td>
<td>$2,221,712</td>
</tr>
<tr>
<td>Unrestricted</td>
<td>1,847,710</td>
<td>1,249,827</td>
<td>1,319,130</td>
<td>1,287,673</td>
</tr>
<tr>
<td>Total Net Position</td>
<td>$23,948,814</td>
<td>$22,770,879</td>
<td>$3,638,887</td>
<td>$3,538,622</td>
</tr>
</tbody>
</table>

Percent change in total

Net Position from prior year: 5.17% 2.83% 4.86%
Changes in Net Position

The following table and charts summarize the State’s total revenues, expenses, and changes in net position for fiscal year 2019:

<table>
<thead>
<tr>
<th>State of Utah</th>
<th>Management’s Discussion and Analysis</th>
<th>Fiscal Year Ended June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Changes in Net Position</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for the Fiscal Year Ended June 30</td>
<td>(dollars expressed in thousands)</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
<td>Revenues</td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>General Revenues:</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>General Government......................</td>
<td>$ 576,183 $ 503,430</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 503,430</td>
</tr>
<tr>
<td></td>
<td>Human Services/Juvenile Justice Services</td>
<td>$ 932,553 $ 854,614</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 854,614</td>
</tr>
<tr>
<td></td>
<td>Corrections .................................</td>
<td>$ 340,123 $ 314,701</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 314,701</td>
</tr>
<tr>
<td></td>
<td>Public Safety................................</td>
<td>$ 363,510 $ 307,121</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 307,121</td>
</tr>
<tr>
<td></td>
<td>Courts ....................................</td>
<td>$ 165,833 $ 162,049</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 162,049</td>
</tr>
<tr>
<td></td>
<td>Health and Environmental Quality......</td>
<td>$ 2,979,063 $ 2,807,215</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 2,807,215</td>
</tr>
<tr>
<td></td>
<td>Higher Education.......................</td>
<td>$ 1,339,338 $ 1,318,207</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 1,318,207</td>
</tr>
<tr>
<td></td>
<td>Employment and Family Services........</td>
<td>$ 769,277 $ 753,205</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 753,205</td>
</tr>
<tr>
<td></td>
<td>Natural Resources......................</td>
<td>$ 264,093 $ 238,545</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 238,545</td>
</tr>
<tr>
<td></td>
<td>Heritage and Arts......................</td>
<td>$ 31,928 $ 30,279</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 30,279</td>
</tr>
<tr>
<td></td>
<td>Business, Labor, and Agriculture......</td>
<td>$ 122,449 $ 116,964</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 116,964</td>
</tr>
<tr>
<td></td>
<td>Public Education.......................</td>
<td>$ 1,411,443 $ 3,981,186</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 3,981,186</td>
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<tr>
<td></td>
<td>Transportation.........................</td>
<td>$ 1,288,760 $ 970,442</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 970,442</td>
</tr>
<tr>
<td></td>
<td>Interest and Charges on Long-term Debt</td>
<td>$ 83,657 $ 85,141</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 85,141</td>
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<tr>
<td></td>
<td>Student Assistance Programs...............</td>
<td>—$ 114,087 $ 120,169</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 120,169</td>
</tr>
<tr>
<td></td>
<td>Unemployment Compensation...............</td>
<td>—$ 152,359 $ 156,121</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 156,121</td>
</tr>
<tr>
<td></td>
<td>Water Loan Programs....................</td>
<td>—$ 13,744 $ 12,613</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 12,613</td>
</tr>
<tr>
<td></td>
<td>Community and Economic Loan Programs..</td>
<td>—$ 2,402 $ 4,991</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 4,991</td>
</tr>
<tr>
<td></td>
<td>Liquor Retail Sales....................</td>
<td>—$ 311,261 $ 292,936</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 292,936</td>
</tr>
<tr>
<td></td>
<td>Other Business-type Activities.........</td>
<td>—$ 45,344 $ 45,065</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 45,065</td>
</tr>
<tr>
<td></td>
<td>Total Expenses..........................</td>
<td>$13,398,210 $ 12,443,099</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 12,443,099</td>
</tr>
<tr>
<td></td>
<td>Excess (Deficit) Before Transfers......</td>
<td>$ 1,034,199 $ 1,248,499</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 1,248,499</td>
</tr>
<tr>
<td></td>
<td>Transfers..................................</td>
<td>$ 143,736 $ 96,245</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 96,245</td>
</tr>
<tr>
<td></td>
<td>Capital Contributions...................</td>
<td>—$ 45,344 $ 45,065</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 45,065</td>
</tr>
<tr>
<td></td>
<td>Change in Net Position..................</td>
<td>$ 1,177,935 $ 1,344,744</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 1,344,744</td>
</tr>
<tr>
<td></td>
<td>Net Position – Beginning................</td>
<td>$ 22,786,348 $ 21,440,397</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 21,440,397</td>
</tr>
<tr>
<td></td>
<td>Adjustment to Beginning Net position..</td>
<td>(15,469) $ 1,207</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 1,207</td>
</tr>
<tr>
<td></td>
<td>Net Position – Beginning as Adjusted...</td>
<td>$ 22,770,879 $ 21,441,604</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 21,441,604</td>
</tr>
<tr>
<td></td>
<td>Net Position – Ending...................</td>
<td>$ 23,948,814 $ 22,786,348</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$ 22,786,348</td>
</tr>
</tbody>
</table>

(Charts on next page)
This year the State received 56.38 percent of its revenues from state taxes and 28.41 percent of its revenues from grants and contributions, primarily from federal sources. In the prior year, state taxes accounted for 55.51 percent and grants and contributions were 29.22 percent of total revenues. Charges for goods and services such as licenses, permits, liquor sales, park fees, and court fees, combined with other miscellaneous collections, comprised 15.21 percent of total revenues in fiscal year 2019, compared to 15.27 percent in fiscal year 2018.

Governmental Activities
The State’s total governmental revenues from all sources increased $740.811 million or 5.41 percent. The majority of this increase was due to an increase in tax revenues of $556.618 million or 6.92 percent due to continued growth in the economy. Significant changes in governmental activities’ revenues and expenses at the government-wide level mirror the changes in the governmental funds, except for Transportation expenses as discussed below. However, due to differences in measurement focus and timing of collections, the increase at the government-wide level should not be used to predict future increases at the fund statement or budget level.

- **Transportation** – Expenses increased $318.318 million or 32.80 percent, as compared to the prior year, primarily due to a decrease in the amount spent for capital outlay (i.e. land, roads, and bridges). The amount expended for capital outlay is not reported as expense, but as an asset on the government-wide statements.

The following table shows to what extent program revenues (charges for services and grants) covered program expenses. For fiscal year 2019, program revenues covered $5.602 billion or 41.81 percent of $13.398 billion in total program expenses. For the remaining $7.796 billion or 58.19 percent of program expenses, the State relied on state taxes and other general revenues. For further discussion of changes, see the section here entitled “Financial Analysis of the State’s Governmental Funds.”

(Table on next page)
Business-type Activities

The State’s business-type activities operate primarily from program revenues, except for the Water Loan Programs and Agriculture Loan Fund, that by law receive dedicated sales tax revenues. Accounting standards require unemployment taxes collected from employers and deposited in the Unemployment Compensation Fund be reported as charges for services rather than taxes. Therefore, taxes in the business-type activities are comprised entirely of sales tax revenues in the water and agriculture loan programs.

Overall, total revenues from the State’s business-type activities decreased $24.433 million or 2.69 percent from the prior year as follows: Dedicated sales and use tax decreased $25.586 million or 42.74 percent as a result of a statutory reallocation. Operating grants and contributions decreased $10.817 million or 42.74 percent due to a decreases in federal contracts and grants in the Water Loan Programs and Community and Economic Loan Programs. These decreases were offset by an increase in unrestricted investment income of $11.601 million or 20.51 percent due to legislative intent. There was no unassigned fund balance that by law receive dedicated sales tax revenues. Accounting standards require unemployment taxes collected from employers and deposited in the Unemployment Compensation Fund be reported as charges for services rather than taxes. Therefore, taxes in the business-type activities are comprised entirely of sales tax revenues in the water and agriculture loan programs.

Total expenses for the State’s business-type activities increased overall by $7.302 million or 1.16 percent. The increase was due to an $18.325 million or 6.26 percent increase in expenses related to liquor retail sales as a result of higher sales volume. This increase was offset by a $6.082 million or 5.06 percent decrease in the student loan service expenses within the Student Loan Programs and a $3.762 million or 2.41 percent decrease in the Unemployment Compensation Fund due to fewer claims paid.

Changes in the State’s business-type activities at the government-wide level mirror the changes noted in the State’s proprietary funds, except that the State’s proprietary funds provide detail summarized by program or fund, while the business-type activity at the government-wide level is presented overall. The changes in the State’s proprietary funds are detailed further in the section entitled “Financial Analysis of the State’s Proprietary Funds.”

FINANCIAL ANALYSIS OF THE STATE’S GOVERNMENTAL FUNDS

Adjustment to Beginning Fund Balance

As described in Note 2 of the financial statements, the beginning fund balance was adjusted to reflect a decrease $15.469 million in the Trust Lands Permanent Fund to remove land improvements associated with land that was sold in previous years.

Fund Balances

At June 30, 2019, the State’s governmental funds reported combined ending fund balances of $7.317 billion. Of this amount, $1.818 billion or 24.85 percent is nonspendable, either due to its form or legal constraints, and $2.775 billion or 37.92 percent is restricted for specific programs by external constraints, constitutional provisions, or contractual obligations. Unspent bond proceeds, revenue restricted for public education, revenue that derives from the operation of motor vehicles on public highways, mineral lease revenues, and earnings received from investment of the Trust Lands Permanent Fund are included in restricted fund balance. An additional $1.835 billion or 25.08 percent of total fund balance has been committed to specific purposes, as expressed by legislative intent. There was no unassigned fund balance available for future appropriations at yearend.
General Fund

The General Fund’s total fund balance increased $183.304 million or 17.37 percent in fiscal year 2019. The General Fund ended the year with a zero dollar surplus, or unassigned fund balance, by using $21.707 million of the $112.180 million of General Fund budgeted revenues set aside for fiscal year 2020. In the prior year, the General Fund ended the year with a $7.966 million surplus, or unassigned fund balance. Because there was no surplus, no statutory transfers were made to the General Fund Budget Reserve Account in fiscal year 2019. The Account ended the year with a balance of $225.121 million after the Legislature elected to appropriate $73.313 million to the account during the year.

Specific changes in the General Fund balance include the following:

- Nonspendable fund balance increased $1.975 million or 10.89 percent due to an increase in prepaid items of $5.162 million as a result of an increase in Medicare premiums paid for dual eligible Medicaid members at yearend. This increase was offset by a $2.887 million decrease in the long-term portion of loans receivable due to a reduction of loan balances within Internal Services Funds.

- Restricted fund balance increased $4.263 million or 10.94 percent as a result of an increase in revenues set aside for specific purposes due to constraints that are imposed externally or by law.

- Committed fund balance increased overall by $159.943 million or 23.69 percent due to an increase in monies set aside for specific purposes as follows: (I) Agency carry-forward balances increased $81.481 million; (2) monies set aside for committed purposes in various restricted accounts increased $5.149 million; and (3) the General Fund Budget Reserve Account balance increased $73.313 million due to a legislative appropriation to the account.

- Assigned fund balance increased $25.089 million or 7.97 percent. The increase was due in part to a $13.708 million increase in the amount set aside for next year’s budget by the Legislature. Assigned fund balance also increased $13.355 million due to an increase in tax accruals assigned by law. These increases were offset by a $1.975 million decrease in nonspendable items, as described above. Items classified as nonspendable reduce assigned fund balance.

Total tax revenues in the General Fund increased $83.919 million or 3.49 percent, the largest of which was sales and use tax which increased $83.352 million or 4.04 percent. Overall, sales tax revenue in all governmental funds increased $158.622 million or 5.99 percent primarily due to growth in the Utah economy.

Total General Fund non-tax revenues increased $146.172 million or 3.77 percent, explained as follows: (I) Federal contracts and grants increased $125.530 million or 4.22 percent primarily due to an increase in federal funding for Medicaid programs and the National Guard. Additional increases in federal contracts and grants correspond to the increase in related expenditures as explained below; (2) Investment income increased $19.456 million or 80.48 percent due to higher interest rates; (3) Charges for services increased $10.224 million or 2.08 percent driven by demand for government services; and (4) Miscellaneous and other revenues decreased $9.811 million or 3.53 percent primarily due to a one-time increase in tobacco settlement proceeds in the prior year.

Overall, total General Fund expenditures increased $447.686 million or 6.45 percent as the State responded to a growing economy and an increase in the public’s demand for government services. Significant changes in expenditures occurred in the following areas:

- **Health and Environmental Quality** – Total expenditures increased $173.718 million or 6.16 percent primarily due to growth in the Medicaid program. These expenditures increased $166.621 million as a result of: (I) implementation of the new Medicaid Expansion program; (2) an increase in payments to nursing homes for qualifying services; (3) increased utilization in the Community Supports Waiver program; (4) an increase in expenditures related to the replacement of the
Medicaid Management Information System; and (5) the full fiscal year impact of a 3.50 percent increase in funding authorized for Medicaid’s accountable care organizations, which was effective January 2018.

- **Higher Education** – Total expenditures increased $101.636 million or 9.61 percent due to an increase in state appropriations. The State provided $29.100 million for higher education employee compensation and benefit increases. Major new state-funded system-wide initiatives included: (1) $9.200 million for programs to assist institutions in meeting regional workforce needs; (2) $9.100 million for enrollment growth and to increase capacity; (3) $4.800 million to implement programs that will reduce barrier to students’ completing their degree; (4) $3.300 million for the Board of Regents’ Scholarship; and (5) $3.300 million for market demand programs for the Utah System of Technical Colleges.

- **Human Services and Juvenile Justice Services** - Total expenditures increased $57.536 million or 6.76 percent due in part to a $36.264 million funding increase within Services for People with Disabilities, as follows: (1) $23.496 million for individuals receiving disability services and youth aging out of services; (2) $6.634 million to provide services for people on the waiting list in the Medicaid Home and Community Based Waiver Services Program; and (3) $5 million for salary increases for direct care service workers. Expenditures also increased $5.020 million to address suicide prevention, crisis help lines, and children’s center family support and $2.270 million for children in family treatment, opioid crisis funding, and medication assisted treatments.

- **Public Safety** – Total expenditures increased $41.766 million or 16.12 percent. Significant increases included: (1) $17.628 million for the Utah Communications Authority for the 800 and 150 MHz radio networks and management of the 911 program; (2) $14.715 million for the National Guard due to additional federal funding provided for the Aaron Butler Special Forces Readiness Center at Camp Williams; and (3) $4.391 million for the Utah Highway Patrol for the Operation Rio Grande program.

- **General Government** – Total expenditures increased $26.613 million or 6.76 percent due to $26 million ($9 million ongoing and $17 million in one-time funds) provided to the firefighter retirement program as a result of changes in insurance premium allocation.

- **Natural Resources** – Total expenditures increased $24.875 million or 11.20 percent due to increases in funding provided for wildland fire suppression and prevention, watershed rehabilitation and habitat restoration projects, and state parks maintenance and improvements.

In addition to the significant changes in expenditures described above, the increase in overall expenditures is also due to a $23.213 million increase as a result of a 2.50 percent salary increase for most state employees, increases in health insurance costs, and targeted compensation increases.

**Budgetary Highlights – General Fund**

The Legislature adopted the initial fiscal year 2019 budget during the 2018 General Session (January to March 2018). The original consensus revenue estimates in the General Fund budget at the start of fiscal year 2019, excluding department-specific revenue sources such as federal grants and departmental collections, and miscellaneous transfers, were 5.35 percent higher than the final fiscal year 2018 budget. The increase was primarily due to growth in the sales and use tax and insurance premium allocation.

The fiscal year 2019 budget was again addressed during the 2019 General Session of the Legislature (January to March 2019). General revenue estimates had increased $41.098 million from the original consensus estimates adopted during the 2018 General Session due to projected increases in sales and use tax and investment income. Revenue estimates and base budget resources allowed the Legislature to set aside $112.180 million for fiscal year 2020 appropriations. In the end, taxes and other general revenues ended the year $55.205 million below final budgeted amounts. Various statutory transfers and adjustments that occurred at yearend covered the shortfall in the final budgeted amounts. This included agencies lapsing $8.707 million of unspent budgeted dollars back to the General Fund and reducing amounts set aside for fiscal year 2020 appropriations by $21.707 million. Final budgets of department-specific revenue sources decreased from original budgets due to a decrease in expected federal contracts and grants. Actual department-specific revenues increased slightly from final budgets primarily due to an increase in the state mineral lease revenue. Final budgets for many of the departmental-specific revenue sources and related expenditures such as federal grants, departmental collections, and miscellaneous revenues are generally revised based on actual collections. The difference between final budgeted expenditures and actual expenditures is primarily due to nonlapsing and unspent restricted funds that will be carried forward to the next year.
Education Fund

The fund balance in the Education Fund increased overall by $58.958 million or 5.15 percent from the prior year as revenues and transfers in exceeded expenditures and transfers out. The amount unspent and carried forward for education increased $25.583 million. Education funds set aside for specific purposes increased $13.477 million. Amounts set aside for fiscal year 2020 appropriations increased $11.720 million. Tax accruals restricted by law for education increased $5.264 million.

In addition to these changes, the Education Fund ended the year with a $107.275 million surplus after a $6.181 million property tax recapture and a $33.510 million transfer to the Education Budget Reserve Account from an original revenue surplus of $134.040 million. In the event of a “revenue surplus” in the Education Fund, state law requires that 25 percent of the surplus be transferred to the Education Budget Reserve Account, a budget stabilization account. State law requires an additional 25 percent be transferred to repay prior year transfers out of the account, but limits these transfers to 11 percent of Education Fund appropriations. The Education Budget Reserve Account ended the year with a balance of $471.908 million.

Overall, total revenue in the Education Fund increased $377.509 million or 7.46 percent. Individual income tax increased $303.117 million or 7.52 percent. Corporate income tax increased $111.958 million or 26.47 percent. These increases were primarily due to continued economic expansion. The increase in corporate tax revenues was also due to recent federal tax changes, which created a temporary surge as corporations repatriated foreign corporate earnings. Investment income also increased $9.379 million or 114.70 percent due to rising interest rates and an increase in funds available for investment. These increases were offset by decreases in other revenue sources. Federal contracts and grants expenditures and corresponding revenue decreased $39.753 million or 8.48 percent due to the timing of federal funding utilized by the local school districts. Other taxes decreased $4.528 million or 14.36 percent primarily due to a decrease in the Charter School Levy, a property tax imposed by the State to support Charter Schools. Miscellaneous and other revenues decreased $3.625 million or 8.68 percent due to one-time settlement proceeds received in the prior year.

Overall, expenditures increased $157.253 million or 3.95 percent in the Education Fund. The increase was primarily due to a $176.811 million increase in the Minimum School Program to provide for student enrollment growth and 2.5 percent increase in the weighted pupil unit value, which is the primary funding mechanism for public education.

Net other financing uses increased $424.814 million or 52.05 percent. This change resulted from a $408.071 million increase in transfers out due to an increase in transfers for higher education and capital projects and a $16.743 million decrease in transfers in from the Trust Lands Permanent Fund for the School Land Program.

Transportation Fund

Total fund balance in the Transportation Fund increased $103.953 million or 25.50 percent from the prior year. Restricted fund balance increased $101.862 million or 25.98 percent as restricted revenues and transfers in exceeded expenditures and transfers out. Assigned fund balance increased $3.335 million or 292.54 percent due to an increase in unspent general revenues appropriated to the Transportation Fund. Nonspendable inventory decreased $619 thousand or 4.50 percent.

Overall, transportation revenues increased $20.418 million or 1.83 percent. The increase resulted from the following changes in revenue as compared to the prior year:

- Motor and special fuels tax increased $21.150 million or 4.23 percent due in part to a six-tenths of a penny per gallon gas tax increase that became effective January 1, 2019, and also the result of higher fuel consumption.
- License, permits, and fees increased $7.004 million or 7.64 percent primarily due to an increase in registration fees and new fees for alternative fuel vehicles.
- Charges for services increased $5.259 million or 10.53 percent due to an increase in driver’s license fees.
- Investment income increased $4.415 million or 85.30 percent due to rising interest rates.
- Federal contracts and grants decreased $15.602 million or 3.88 percent as a result of timing differences related to highway construction projects.

Expenditures within the Transportation Fund decreased $25.079 million or 2.46 percent due to a decrease in state and federal funding provided for highway construction projects. Net other financing uses decreased $6.772 million or 16.12 percent due in part to an $11.713 million increase in the sale of capital assets, which was offset by a $4.941 million increase in net transfers out of the fund for various purposes.

Authorized federal funding for highway construction remains relatively stable from year to year. However, the spending of state and federal revenue reflects the timing of highway construction projects, which is impacted by a variety of circumstances such as environmental studies or existing weather conditions. In addition, the Department of Transportation has discretion on allocating federal funds among projects, which impacts the amount of federal revenue reported in the Transportation Fund.
Transportation Investment Fund

Total fund balance in the Transportation Investment Fund increased $15.476 million or 2.36 percent from the prior year. Restricted fund balance decreased $54.770 million or 100 percent as general obligation bond proceeds were used for highway projects. Committed fund balance increased $70.246 million or 11.71 percent due to unspent dedicated sales and use tax revenue at yearend.

Overall, revenues increased $74.353 million or 11.09 percent. Sales and use tax revenues, statutorily reallocated from use in the General Fund to use for highway projects, increased $59.212 million or 10.29 percent due to growth in the economy. Investment income increased $13.291 million or 176.23 percent due to rising interest rates and an increase in funds available for investment. Expenditures increased $100.593 million or 19.65 percent from the prior year due to increased spending on highway construction projects. Net other financing uses increased $179.130 million or 288.38 percent, due to a $181.142 million decrease in bond issuance and related premiums in the current compared to the prior year.

Trust Lands Permanent Fund

The fund balance of the Trust Lands Permanent Fund increased $81.560 million or 3.16 percent from the prior year adjusted fund balance largely due to a $77.735 million or 4.55 percent increase in nonspendable fund balance. This increase was attributable to revenues generated from land use and gains on sale of trust lands. As a result of a constitutional amendment that became effective July 1, 2017, the Utah Constitution allows all investment earnings of the Trust Lands Fund Permanent Fund to be distributed to beneficiaries, limited to annual distributions not to exceed four percent of the fund (based on a calculation described in statute).

Revenues decreased $38.762 million or 20.71 percent. The decrease was largely attributable to a $37.189 million or 27.57 percent decrease in investment income due to a change in investment strategies. Investment fund managers shifted from a heavy equity allocation to private market investments which take much longer to deploy and are slower to return capital. In the long-run, fund managers expect these strategies to have lower volatility and higher returns. Expenditures and transfers out decreased $15.012 million or 12.93 percent due to a decrease in the amount available for distribution to beneficiaries. Sale of capital assets increased $13.624 million or 66.24 percent due to an increase of surface and developed land sales. Overall, revenues and transfers in exceeded expenditures and transfers out resulting in a increase in assets of $182.577 million or 6.99 percent, offset by an increase of liabilities of $115.609 million or 1447.10 percent. Liabilities increased due to timing of distributions to beneficiaries.

FINANCIAL ANALYSIS OF THE STATE’S PROPRIETARY FUNDS

Student Assistance Programs

The net position of the Student Assistance Programs increased slightly by $5.482 million or 1.47 percent from the prior year. The majority of this change is attributable to a decrease in assets of $237.891 million or 12.50 percent mainly due to a decrease in student loans receivable and a decrease in total liabilities of $248.873 million or 16.40 percent primarily due to payments on principal on student loan revenue bonds and notes payable. Operating revenues decreased $7.436 million or 6.09 percent mainly due to a combination of a decrease in interest on student loans of $9.420 million and a decrease of $3.325 million in Federal Reinsurance payments, offset by a $5.254 million increase in federal loans servicing revenue. Operating expenses decreased $6.332 million or 5.27 percent primarily due to decreases of $7.940 in student loan servicing expenses and $3.328 million in payments to lenders for guaranteed claims, offset by an increase of $5.678 million of interest expense. Of total net position of $378.245 million, $303.845 million is restricted for use within the programs by bond covenants or federal law.

Unemployment Compensation Fund

The State’s average unemployment rate for the fiscal year 2019 decreased slightly from the prior year. Employer tax revenue decreased $18.249 million or 9.74 percent due to an overall contribution rate decrease from the prior year. Expenses decreased $3.762 million or 2.41 percent due to fewer claims paid. Overall, employer taxes and other revenues exceeded benefit payments and transfers out, resulting in an increase of net position of $41.020 million or 3.57 percent. The entire net position of $1.189 billion is restricted for use within the program by state and federal law.

Water Loan Programs

Revenues and expenses of the Water Loan Programs remained relatively unchanged from the prior year. Net position increased $38.741 million or 3.77 percent primarily due to $33.753 million of additional capital for loans provided from dedicated sales tax revenue. This increase is reflected in a corresponding increase of loans receivable of $37.858 million. Of the total net position of $1.067 billion, $472.661 million is restricted for use within the Water Loan Programs by Federal grant requirements and $152.882 million is restricted pursuant to bond agreements within the programs.
Community Impact Loan Fund

The net position of the Community Impact Loan fund decreased slightly by $4.574 million or 0.65 percent from the prior year as transfers out and expense exceeded nonoperating revenues. Fund expenses remained mostly unchanged, but nonoperating revenues decreased $29.291 million largely due to a $27 million reduction in statutorily appropriated mineral lease revenue. This resulted in less funding available for future loan programs. There is no restriction on the Fund’s net position of $703.885 million.

CAPITAL ASSET AND LONG-TERM DEBT ADMINISTRATION

Capital Assets

The State’s capital assets increased by a net $365.884 million during the year. The change consisted of net increases in: infrastructure (i.e., state roads and bridges) of $147.099 million; land and related assets of $144.066 million; buildings and improvements of $76.358 million; construction in progress of $6.708 million; and machinery and equipment of $4.630 million. Software decreased $12.977 million due to current year amortization exceeding software additions. Significant projects included:

- Completion of the SR-108 widening project in Davis and Weber Counties
- Completion of the Provo District Courthouse
- Completion of the Fairpark Days of 47 Arena
- Purchase of the Taylorsville State Office Building and surrounding land

Several buildings financed by the State are actually owned by the colleges and universities, which are discrete component units of the State. Therefore, while the capital assets are on the discrete component unit’s financial statements, any outstanding debt issued by the State to finance construction of those assets is reported as a liability of the State’s governmental activities. This in turn reduces unrestricted net position. As of June 30, 2019, the State had $59.671 million of outstanding debt related to capital assets of discretely presented component units.

At June 30, 2019, the State had commitments in capital projects funds of $646.941 million for building projects and $733.845 million for highway construction and improvement projects. The State also had commitments of $424.166 million for road construction and other contract commitments in the Transportation Fund. Funding for the commitments will come from existing resources in these funds and from future appropriations and bond proceeds.

The State has adopted an allowable alternative to reporting depreciation for state roads and bridges (infrastructure assets) maintained by the Utah Department of Transportation (UDOT). Under this alternative method, referred to as the “modified approach,” UDOT must maintain an asset management system and demonstrate that the infrastructure is being preserved at or above established condition levels. Infrastructure assets accounted for under the modified approach are not depreciated, and maintenance and preservation costs are expensed.

The State’s established condition level for state roads is to maintain a certain percentage of mileage at a “fair” or better condition. The overall system has a target of 80 percent rated as “fair” or better. The most recent condition assessment completed in 2018 indicated that 91.40 percent of roads were in “fair” or better condition. These results reflect maintaining roads above target percentages and are consistent with calendar year 2017, when 90.36 percent of roads were assessed as “fair” or better condition.

The State’s established condition level for bridges is to maintain 50 percent with a rating of “good” and no more than 10 percent of bridges with a “poor” rating. The most recent condition assessment, completed in April 2019, indicated that 64.38 percent and 2.91 percent of bridges were in “good” and “poor” condition, respectively. These results reflect maintaining bridges at a consistent condition level as 2018 when 64.52 percent of the bridges were assessed as “good” and 2.76 percent assessed were in “poor” condition.

During fiscal year 2019, the State spent $310.690 million and $54.828 million to maintain and preserve roads and bridges, respectively. These combined amounts were 22.45 percent above the estimated amounts of $253.728 million and $44.775 million needed to maintain these roads and bridges at established condition levels, respectively.

More information about capital assets is included in Note 8 and more detailed information on the State’s modified approach for reporting infrastructure is presented in the Required Supplementary Information – Information About Infrastructure Assets Reported Using the Modified Approach.

Long-term Debt

The Utah Constitution allows the State to contract debts not exceeding 1.50 percent of the value of the total taxable property of the State (i.e., constitutional debt limit). The Legislature authorizes general obligation indebtedness within this limit. The State Appropriation and Tax Limitation Act (i.e., statutory debt limit) further limits the outstanding general obligation debt of the State.
to not exceed 45 percent of the maximum allowable state budget appropriation limit. As of June 30, 2019, the general obligation indebtedness of the State was $3.861 billion below the constitutional debt limit and $1.561 billion below the statutory debt limit.

Revenue bonds of the State Building Ownership Authority are not backed by the general taxing authority of the State, but are payable from revenue provided through appropriations of the Legislature or other operating revenues. Revenue bonds of the Student Assistance Programs and Water Loan Programs are not backed by the general taxing authority of the State, but are payable solely from specific fees or loan repayments as pledged in the bond indentures.

Revenue Bonds:
- State Building Ownership Authority: $205 million in 2019, $244 million in 2018, representing a decrease of 13.76%.
- Student Assistance Programs: $77 million in 2019, $83 million in 2018, representing a decrease of 16.12%.
- Water Loan Programs: $26 million in 2019, $31 million in 2018, representing a decrease of 16.13%.

The State’s active management of its resources has helped the State maintain its triple-A rating on general obligation bonds from all three national rating agencies, and double-A rating on lease revenue bonds from two national rating agencies from which ratings were sought. These ratings are the best available and save millions of dollars in interest costs each year because the State is able to obtain very favorable interest rates on new debt. Note 10 contains more information about the State’s outstanding debt.

**ECONOMIC OUTLOOK AND NEXT YEAR’S BUDGET**

Original general revenue estimates of the General Fund for fiscal year 2020 are 6.51 percent higher than actual fiscal year 2019 revenues. Original revenue estimates of the Education Fund for fiscal year 2020 are 1.83 percent higher than actual fiscal year 2019 revenues. The Legislature balanced the 2020 budget using projected revenue growth, prior year reserves, and fund balances.

Preliminary data for fiscal year 2020 show tax revenues to be in line with estimates. The State’s overall unemployment rate is expected to be 2.90 percent in 2019, a decrease from the average 2018 rate of 3.10 percent. Taxable retail sales are expected to increase 3.90 percent in 2019 and increase 4.60 percent in 2020. Personal income is expected to increase 5.90 percent in 2019, and 6.50 percent in 2020. Because these indicators are measured on a calendar year basis, the impact on the State budget will not be fully realized until well into fiscal year 2020. The Governor and Legislature will review the fiscal year 2020 budget again during the upcoming 2020 General Session and take action as necessary to ensure a balanced budget.

**CONTACTING THE STATE’S DIVISION OF FINANCE**

This financial report is designed to provide our citizens, taxpayers, customers, investors, and creditors with a general overview of the State’s finances and to demonstrate the State’s accountability for the money it receives. If you have questions about this report or need additional financial information, please contact the Department of Administrative Services: Division of Finance, Financial Reporting Section at P.O. Box 141031, Salt Lake City, UT, 84114, phone (801) 538-3082 or by email at utahcafr@utah.gov. You may also visit our website at finance.utah.gov.

The preceding discussion and analysis focuses on the State’s primary government operations. With the exception of a few nonmajor discretely presented component units, the State’s discrete component units each issue separate audited financial statements that include their respective management’s discussion and analysis. Discrete component unit statements may be obtained from their respective administrative offices or from the Office of the State Auditor, Utah State Capitol Complex, East Office Building, Suite E310, Salt Lake City, UT 84114. You may also visit their website at auditor.utah.gov.
BASIC FINANCIAL STATEMENTS

STATE OF UTAH
Comprehensive Annual Financial Report
FOR THE FISCAL YEAR ENDED JUNE 30, 2019

Camping Near Flaming Gorge Reservoir

2019
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### Statement of Net Position (expressed in thousands)

**June 30, 2019**

#### ASSETS

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<th>Business-type Activities</th>
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<td>13,948</td>
<td>2,706,001</td>
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<td>Capital Lease Payments Receivable, net</td>
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<td>Pledged Loans Receivables</td>
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<td>105,826</td>
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<tr>
<td>Other Assets</td>
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<td>76,519</td>
<td>98,145</td>
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<td>Capital Assets:</td>
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<tr>
<td>Land and Other Non-depreciable Assets</td>
<td>2,187,779</td>
<td>27,683</td>
<td>2,215,462</td>
<td>856,943</td>
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<td>Infrastructure</td>
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<td>Construction in Progress</td>
<td>1,236,466</td>
<td>2,993</td>
<td>1,239,459</td>
<td>668,134</td>
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<td>Buildings, Equipment, and Other Depreciable Assets</td>
<td>3,259,797</td>
<td>125,150</td>
<td>3,384,947</td>
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<td>Less Accumulated Depreciation</td>
<td>(1,630,635)</td>
<td>(59,008)</td>
<td>(1,689,643)</td>
<td>(5,905,620)</td>
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<td>96,818</td>
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<td>Total Assets</td>
<td>$ 29,006,922</td>
<td>$ 5,075,214</td>
<td>$ 34,082,136</td>
<td>$ 16,825,609</td>
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#### DEFERRED INFLOWS OF RESOURCES

Total Deferred Inflows of Resources                                      $ 483,436 $ 12,047 $ 495,483 $ 283,733

#### LIABILITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Governmental Activities</th>
<th>Business-type Activities</th>
<th>Total</th>
<th>Component Units</th>
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</thead>
<tbody>
<tr>
<td>Accounts Payable and Accrued Liabilities</td>
<td>$ 1,187,241</td>
<td>$ 43,491</td>
<td>$ 1,230,732</td>
<td>$ 578,565</td>
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<tr>
<td>Component Units</td>
<td>320</td>
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<tr>
<td>Primary Government</td>
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<td>Securities Lending</td>
<td>77,750</td>
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<td>77,750</td>
<td>2,923</td>
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<td>Unearned Revenue</td>
<td>89,469</td>
<td>4,833</td>
<td>94,302</td>
<td>205,144</td>
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<td>Deposits</td>
<td>—</td>
<td>12</td>
<td>12</td>
<td>214,451</td>
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<td>Long-term Liabilities:</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Due Within One Year</td>
<td>429,804</td>
<td>285,454</td>
<td>715,258</td>
<td>327,429</td>
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<tr>
<td>Due in More Than One Year</td>
<td>3,670,648</td>
<td>1,094,565</td>
<td>4,765,213</td>
<td>4,552,514</td>
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<tr>
<td>Total Liabilities</td>
<td>$ 4,555,232</td>
<td>$ 1,428,355</td>
<td>$ 6,883,587</td>
<td>$ 5,958,350</td>
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#### DEFERRED OUTFLOWS OF RESOURCES

Total Deferred Outflows of Resources                                      $ 483,436 $ 12,047 $ 495,483 $ 283,733

#### NET POSITION

<table>
<thead>
<tr>
<th>Description</th>
<th>Governmental Activities</th>
<th>Business-type Activities</th>
<th>Total</th>
<th>Component Units</th>
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</thead>
<tbody>
<tr>
<td>Net Investment in Capital Assets</td>
<td>$ 17,147,477</td>
<td>$ 32,972</td>
<td>$ 17,180,449</td>
<td>$ 5,590,729</td>
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<tr>
<td>Restricted for:</td>
<td></td>
<td></td>
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<tr>
<td>Transportation</td>
<td>480,698</td>
<td></td>
<td>480,698</td>
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</tr>
<tr>
<td>Public Education – Expendable</td>
<td>2,546,744</td>
<td></td>
<td>2,546,744</td>
<td>—</td>
</tr>
<tr>
<td>Public Education – Nonexpendable</td>
<td>1,696,660</td>
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<td>1,696,660</td>
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<tr>
<td>Higher Education – Expendable</td>
<td>26,075</td>
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<td>26,075</td>
<td>1,149,212</td>
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<tr>
<td>Higher Education – Nonexpendable</td>
<td>63,306</td>
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<td>63,306</td>
<td>995,301</td>
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<tr>
<td>Capital Projects</td>
<td>1,845</td>
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<td>1,845</td>
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<tr>
<td>Debt Service</td>
<td>—</td>
<td>152,882</td>
<td>152,882</td>
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<tr>
<td>Unemployment Compensation and Insurance Programs</td>
<td>8,607</td>
<td>1,189,344</td>
<td>1,197,951</td>
<td>358,670</td>
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<tr>
<td>Loan Programs</td>
<td>—</td>
<td>944,559</td>
<td>944,559</td>
<td>—</td>
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<tr>
<td>Transit Services</td>
<td>—</td>
<td></td>
<td></td>
<td>132,735</td>
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<tr>
<td>Other Purposes – Expendable</td>
<td>104,474</td>
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<td>104,474</td>
<td>7,822</td>
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<tr>
<td>Other Purposes – Nonexpendable</td>
<td>25,218</td>
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<td>25,218</td>
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<tr>
<td>Unrestricted</td>
<td>1,847,710</td>
<td>1,319,130</td>
<td>3,166,840</td>
<td>2,858,613</td>
</tr>
<tr>
<td>Total Net Position</td>
<td>$ 23,948,814</td>
<td>$ 3,638,887</td>
<td>$ 27,587,701</td>
<td>$ 11,093,082</td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
## Statement of Activities
(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

### Activities

<table>
<thead>
<tr>
<th>Primary Government:</th>
<th>Expenses</th>
<th>Charges for Services</th>
<th>Operating Grants and Contributions</th>
<th>Capital Grants and Contributions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governmental:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Government</td>
<td>$576,183</td>
<td>$208,338</td>
<td>$162,541</td>
<td>$1,533</td>
</tr>
<tr>
<td>Human Services and Juvenile Justice Services</td>
<td>932,553</td>
<td>10,843</td>
<td>413,944</td>
<td>-</td>
</tr>
<tr>
<td>Corrections</td>
<td>340,123</td>
<td>1,960</td>
<td>606</td>
<td>-</td>
</tr>
<tr>
<td>Public Safety</td>
<td>363,510</td>
<td>78,901</td>
<td>132,373</td>
<td>-</td>
</tr>
<tr>
<td>Courts</td>
<td>165,833</td>
<td>54,481</td>
<td>899</td>
<td>-</td>
</tr>
<tr>
<td>Health and Environmental Quality</td>
<td>2,979,063</td>
<td>391,072</td>
<td>2,037,725</td>
<td>-</td>
</tr>
<tr>
<td>Higher Education</td>
<td>1,339,338</td>
<td>500</td>
<td>260</td>
<td>-</td>
</tr>
<tr>
<td>Employment and Family Services</td>
<td>769,277</td>
<td>9,153</td>
<td>556,901</td>
<td>-</td>
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<tr>
<td>Natural Resources</td>
<td>264,093</td>
<td>107,817</td>
<td>51,847</td>
<td>-</td>
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<tr>
<td>Heritage and Arts</td>
<td>31,928</td>
<td>3,325</td>
<td>8,182</td>
<td>-</td>
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<tr>
<td>Business, Labor, and Agriculture</td>
<td>122,449</td>
<td>119,166</td>
<td>9,054</td>
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<tr>
<td>Public Education</td>
<td>4,141,443</td>
<td>75,944</td>
<td>532,791</td>
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<tr>
<td>Transportation</td>
<td>1,288,760</td>
<td>222,588</td>
<td>255,455</td>
<td>153,732</td>
</tr>
<tr>
<td>Interest and Other Charges on Long-term Debt</td>
<td>83,657</td>
<td></td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Total Governmental Activities</td>
<td>13,398,210</td>
<td>1,284,088</td>
<td>4,162,578</td>
<td>155,265</td>
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<tr>
<td>Business-type:</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Student Assistance Programs</td>
<td>114,087</td>
<td>97,239</td>
<td>17,417</td>
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<tr>
<td>Unemployment Compensation</td>
<td>152,359</td>
<td>169,468</td>
<td>162</td>
<td>-</td>
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<tr>
<td>Water Loan Programs</td>
<td>13,744</td>
<td>729</td>
<td>10,026</td>
<td>-</td>
</tr>
<tr>
<td>Community and Economic Loan Programs</td>
<td>2,402</td>
<td>3,159</td>
<td>5,665</td>
<td>-</td>
</tr>
<tr>
<td>Liquor Retail Sales</td>
<td>311,261</td>
<td>430,829</td>
<td>305</td>
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<tr>
<td>Other Business-type Activities</td>
<td>45,344</td>
<td>45,891</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Total Business-type Activities</td>
<td>639,197</td>
<td>747,315</td>
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<tr>
<td>Total Primary Government</td>
<td>14,037,407</td>
<td>2,031,403</td>
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<td>155,265</td>
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<tr>
<td>Component Units:</td>
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<td></td>
</tr>
<tr>
<td>Public Employees Health Program</td>
<td>$743,910</td>
<td>$764,289</td>
<td>$26,059</td>
<td>$111,094</td>
</tr>
<tr>
<td>University of Utah</td>
<td>5,170,867</td>
<td>4,343,261</td>
<td>798,369</td>
<td>54,192</td>
</tr>
<tr>
<td>Utah State University</td>
<td>840,991</td>
<td>252,298</td>
<td>404,544</td>
<td>63,879</td>
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<tr>
<td>Utah Transit Authority</td>
<td>492,162</td>
<td>343,924</td>
<td>61,821</td>
<td>107,811</td>
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<tr>
<td>Nonmajor Colleges and Universities</td>
<td>1,277,981</td>
<td>527,808</td>
<td>278,213</td>
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<tr>
<td>Nonmajor Component Units</td>
<td>101,042</td>
<td>32,220</td>
<td>1,432</td>
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<tr>
<td>Total Component Units</td>
<td>$8,626,953</td>
<td>$6,263,800</td>
<td>$1,570,438</td>
<td>$336,976</td>
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</tbody>
</table>

### General Revenues:

| Taxes:                                      |                      |                      |                                    |                                  |
|---------------------------------------------|----------------------|----------------------|                                    |                                  |
| Sales and Use Tax                           |                      |                      |                                    |                                  |
| Individual Income Tax Imposed for Education |                      |                      |                                    |                                  |
| Corporate Tax Imposed for Education         |                      |                      |                                    |                                  |
| Motor and Special Fuel Taxes Imposed for Transportation |          |                      |                                    |                                  |
| Other Taxes                                 |                      |                      |                                    |                                  |
| Total Taxes                                 |                      |                      |                                    |                                  |
| Investment Income                          |                      |                      |                                    |                                  |
| State Funding for Colleges and Universities|                      |                      |                                    |                                  |
| State Funding for Other Component Units    |                      |                      |                                    |                                  |
| Gain on Sale of Capital Assets             |                      |                      |                                    |                                  |
| Miscellaneous                               |                      |                      |                                    |                                  |
| Permanent Endowments Contributions         |                      |                      |                                    |                                  |
| Transfers—Internal Activities              |                      |                      |                                    |                                  |
| Total General Revenues, Contributions and Transfers |      |                      |                                    |                                  |
| Change in Net Position                     |                      |                      |                                    |                                  |
| Net Position—Beginning                     |                      |                      |                                    |                                  |
| Adjustment to Beginning Net Position       |                      |                      |                                    |                                  |
| Net Position—Beginning as Adjusted         |                      |                      |                                    |                                  |
| Net Position—Ending                        |                      |                      |                                    |                                  |

The Notes to the Financial Statements are an integral part of this statement.
<table>
<thead>
<tr>
<th>Governmental Activities</th>
<th>Business-type Activities</th>
<th>Total</th>
<th>Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ (203,771)</td>
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<td>$ (203,771)</td>
<td>$</td>
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<tr>
<td>(507,766)</td>
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<td>(507,766)</td>
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<td>(337,557)</td>
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<td>(337,557)</td>
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<tr>
<td>(152,236)</td>
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<td>(152,236)</td>
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<tr>
<td>(110,453)</td>
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<td>(550,266)</td>
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<tr>
<td>(1,338,578)</td>
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<td>(1,338,578)</td>
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<td>(203,223)</td>
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<tr>
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<td>(104,429)</td>
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</tr>
<tr>
<td>(20,421)</td>
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<td>(20,421)</td>
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<tr>
<td>5,771</td>
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</tr>
<tr>
<td>(3,532,708)</td>
<td>—</td>
<td>(3,532,708)</td>
<td>—</td>
</tr>
<tr>
<td>(656,985)</td>
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<td>(656,985)</td>
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<tr>
<td>(83,657)</td>
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<td>(83,657)</td>
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<tr>
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<td>(7,796,279)</td>
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<td></td>
<td>17,271</td>
<td>17,271</td>
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<tr>
<td></td>
<td>(2,989)</td>
<td>(2,989)</td>
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<tr>
<td></td>
<td>6,422</td>
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<td>547</td>
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<tr>
<td>(7,796,279)</td>
<td>141,693</td>
<td>(7,654,586)</td>
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<td></td>
<td>46,438</td>
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<td></td>
<td>81,857</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>(129,957)</td>
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<td></td>
<td>(22,538)</td>
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<td>(67,390)</td>
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<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>(455,739)</td>
</tr>
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</table>

2,804,457 34,278 2,838,735 —
4,346,855 34,278 4,346,855 —
529,279 34,278 529,279 —
521,012 34,278 521,012 —
398,486 34,278 398,486 —
8,600,089 34,278 8,634,367 0
60,503 68,162 128,665 532
— — 1,097,093 0
— — 68,534 0
65,471 (132) 65,339 122
104,415 — 104,415 13,514
— — 39,515 0
143,736 (143,736) — —
8,974,214 (41,428) 8,932,786 1,219,310
1,177,935 100,265 1,278,200 763,571
22,786,348 3,538,622 26,324,970 9,401,499
(15,469) (15,469) 928,012 0
22,770,879 3,538,622 26,309,501 10,329,511
$ 23,948,814 $ 3,638,887 $ 27,587,701 $ 11,093,082
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General Fund
This fund is the principal operating fund of the State. It accounts for all financial resources not accounted for and reported in another fund.

Education Fund
This fund accounts for all corporate and income taxes that support public and higher education in the State. This fund is also used to account for specific revenues and expenditures that support the public elementary and secondary schools.

Transportation Fund
This fund is maintained to account for revenues and expenditures associated with highway construction and maintenance. Principal funding is provided from dedicated highway user taxes, fees, and federal funds.

Transportation Investment Fund
This capital projects fund is used to account for revenues and expenditures associated with the construction and reconstruction of specific state and federal highways. Projects designated for the Transportation Investment Capacity program are accounted for within this fund. Funding is provided from highway general obligation bonds, federal funds, vehicle registration fees, sales and use taxes, and appropriations.

Trust Lands Fund
This permanent fund accounts for the investment earnings, land grants, and the sale of lands received from the federal Enabling Act. The principal in the fund is perpetual with the earnings used primarily to support public education.

Nonmajor Governmental Funds
Nonmajor governmental funds are presented in more detail by fund type within Supplementary Information – Combining Statements and Individual Fund Statements and Schedules.
## Balance Sheet
### Governmental Funds

**June 30, 2019**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>General Fund</th>
<th>Special Revenue Funds</th>
<th>Capital Projects Fund</th>
<th>Transportation Investment</th>
<th>Permanent Fund</th>
<th>Nonmajor Governmental Funds</th>
<th>Total Governmental Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cash and Cash Equivalents</strong></td>
<td>$686,919</td>
<td>$188,184</td>
<td>$406,718</td>
<td>—</td>
<td>$39,270</td>
<td>$643,444</td>
<td>$1,964,535</td>
</tr>
<tr>
<td><strong>Investments</strong></td>
<td>254,168</td>
<td>561,611</td>
<td>152,799</td>
<td>594,107</td>
<td>2,647,564</td>
<td>453,946</td>
<td>4,664,195</td>
</tr>
<tr>
<td><strong>Receivables:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts, net</td>
<td>525,342</td>
<td>170,525</td>
<td>98,173</td>
<td>—</td>
<td>29,734</td>
<td>31,128</td>
<td>854,902</td>
</tr>
<tr>
<td>Accrued Interest</td>
<td>108</td>
<td>17</td>
<td>—</td>
<td>—</td>
<td>266</td>
<td>997</td>
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<td>Accrued Taxes, net</td>
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<td>84,684</td>
<td>—</td>
<td>2,606</td>
<td>1,556,933</td>
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<td>Notes/Mortgages, net</td>
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<td>11,380</td>
<td>—</td>
<td>—</td>
<td>1,703</td>
<td>—</td>
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<td>Capital Lease Payments, net</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>86,350</td>
<td>86,350</td>
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<tr>
<td>Due From Other Funds</td>
<td>50,187</td>
<td>26,627</td>
<td>482</td>
<td>—</td>
<td>1,401</td>
<td>2,810</td>
<td>81,507</td>
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<td>Due From Component Units</td>
<td>965</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>75,457</td>
<td>76,422</td>
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<tr>
<td>Prepaid Items</td>
<td>7,625</td>
<td>43</td>
<td>378</td>
<td>—</td>
<td>—</td>
<td>16</td>
<td>8,062</td>
</tr>
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<td>Inventories</td>
<td>421</td>
<td>—</td>
<td>12,769</td>
<td>—</td>
<td>—</td>
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<td>Interfund Loans Receivable</td>
<td>31,417</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<td>Other Assets</td>
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<td>—</td>
<td>76,161</td>
<td>—</td>
<td>76,411</td>
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<td><strong>Total Assets</strong></td>
<td>$1,918,795</td>
<td>$1,981,679</td>
<td>$757,242</td>
<td>$678,791</td>
<td>$2,796,099</td>
<td>$1,296,754</td>
<td>$9,429,360</td>
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<table>
<thead>
<tr>
<th>LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND FUND BALANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liabilities:</td>
</tr>
<tr>
<td>Accounts Payable and Accrued Liabilities</td>
</tr>
<tr>
<td>Due To Other Funds</td>
</tr>
<tr>
<td>Due To Component Units</td>
</tr>
<tr>
<td>Securities Lending</td>
</tr>
<tr>
<td>Unearned Revenue</td>
</tr>
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<td><strong>Total Liabilities</strong></td>
</tr>
<tr>
<td>Deferred Inflows of Resources:</td>
</tr>
<tr>
<td>Unavailable Revenue</td>
</tr>
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<td><strong>Total Deferred Inflows of Resources</strong></td>
</tr>
<tr>
<td>Fund Balances:</td>
</tr>
<tr>
<td>Nonspendable:</td>
</tr>
<tr>
<td>Long-term Portion of Interfund Loans Receivable</td>
</tr>
<tr>
<td>Prepaid Items</td>
</tr>
<tr>
<td>Inventories</td>
</tr>
<tr>
<td>Permanent Fund Principal</td>
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<td>Restricted</td>
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<td>Committed</td>
</tr>
<tr>
<td>Assigned</td>
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<tr>
<td><strong>Total Fund Balances</strong></td>
</tr>
<tr>
<td><strong>Total Liabilities, Deferred Inflows of Resources, and Fund Balances</strong></td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
Reconciliation of the Balance Sheet to the Statement of Net Position

Governmental Funds

(expressed in thousands)

June 30, 2019

Total Fund Balances – Governmental Funds ................................................................. $ 7,316,843

The total net position reported for governmental activities in the Statement of Net Position is different because:

Capital assets used in governmental activities are not financial resources and therefore are not reported in the governmental funds: (See Note 8)

- Land and Related Non-depreciable Assets ................................................ $ 2,187,779
- Infrastructure, Non-depreciable ............................................................... 14,520,394
- Construction in Progress ................................................................... 1,236,466
- Buildings, Equipment, and Other Depreciable Assets .................... 3,061,497
- Accumulated Depreciation .................................................................. (1,519,375) 19,486,761

Deferred inflows of resources are not reported in the governmental funds:

- Revenues are not available soon enough after yearend to pay for the current period’s expenditures ................................................ $ 680,399
- Related to Pensions ............................................................................... (39,355)
- Related to Other Postemployment Benefits ........................................ (33,629) 607,415

Internal service funds are used by management to charge the costs of certain activities, such as insurance, technology services, and fleet operations to individual governmental funds. The assets, deferred outflows of resources, liabilities, and deferred inflows of resources of the internal service funds are included in governmental activities in the Statement of Net Position .................. 32,219

Deferred outflows of resources are not reported in the governmental funds:

- Amount on Refundings of Bonded Debt ............................................. $ 15,517
- Related to Pensions ............................................................................. 402,786
- Related to OPEB .................................................................................. 28,889 447,192

Long-term liabilities and related accrued interest are not due and payable in the current period and therefore are not reported in the governmental funds: (See Note 10)

- General Obligation and Revenue Bonds Payable ......................... $(2,473,203)
- Unamortized Bond Premiums ......................................................... (106,066)
- Accrued Interest on Bonds Payable .................................................. (1,098)
- Pollution Remediation Obligation .................................................... (5,324)
- Settlement Obligation ................................................................. (227)
- Arbitrage Liability ............................................................................ (544)
- Compensated Absences ................................................................. (211,138)
- Capital Leases .................................................................................. (31,006)
- Net Other Postemployment Benefits Liability ............................. (63,222)
- Net Pension Liability ...................................................................... (1,049,788) (3,941,616)

Total Net Position – Governmental Activities ......................................................... $ 23,948,814

The Notes to the Financial Statements are an integral part of this statement.
State of Utah

Statement of Revenues, Expenditures and Changes in Fund Balances

Governmental Funds

(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>REVENUES</th>
<th>General Fund</th>
<th>Education</th>
<th>Transportation</th>
<th>Transportation Investment</th>
<th>Trust Lands</th>
<th>Nonmajor Govermental Funds</th>
<th>Total Govermental Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taxes:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales and Use Tax</td>
<td>$ 2,147,235</td>
<td>$ —</td>
<td>$ 65</td>
<td>$ 634,888</td>
<td>$ —</td>
<td>$ 23,430</td>
<td>$ 2,805,618</td>
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<td>Individual Income Tax</td>
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<td>—</td>
<td>—</td>
<td>4,336,437</td>
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<tr>
<td>Corporate Tax</td>
<td>—</td>
<td>534,977</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>534,977</td>
</tr>
<tr>
<td>Motor and Special Fuels Tax</td>
<td>—</td>
<td>—</td>
<td>521,199</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>521,199</td>
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<tr>
<td>Other Taxes</td>
<td>342,048</td>
<td>27,000</td>
<td>13,546</td>
<td>—</td>
<td>—</td>
<td>16,090</td>
<td>398,684</td>
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<tr>
<td>Other Revenues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Federal Contracts and Grants</td>
<td>3,103,195</td>
<td>428,881</td>
<td>386,374</td>
<td>—</td>
<td>—</td>
<td>10,634</td>
<td>3,973,026</td>
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<td>Charges for Services/Royalties</td>
<td>501,910</td>
<td>1,152</td>
<td>55,193</td>
<td>—</td>
<td>—</td>
<td>507,577</td>
<td>780,790</td>
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<tr>
<td>Licenses, Permits, and Fees</td>
<td>25,664</td>
<td>6,449</td>
<td>98,682</td>
<td>89,177</td>
<td>—</td>
<td>—</td>
<td>219,972</td>
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<tr>
<td>Federal Mineral Lease</td>
<td>77,607</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>77,607</td>
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<td>Intergovernmental</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>16,029</td>
<td>16,029</td>
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<td>Investment Income</td>
<td>43,630</td>
<td>17,556</td>
<td>9,591</td>
<td>20,833</td>
<td>97,690</td>
<td>28,777</td>
<td>218,077</td>
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<tr>
<td>Miscellaneous Other:</td>
<td>268,298</td>
<td>38,127</td>
<td>49,345</td>
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<td>—</td>
<td>29,939</td>
<td>385,709</td>
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<td>Total Revenues</td>
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<td>5,438,603</td>
<td>1,133,995</td>
<td>744,898</td>
<td>148,447</td>
<td>340,619</td>
<td>14,316,149</td>
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<td>EXPENDITURES</td>
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<td></td>
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<td>General Government</td>
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<td>—</td>
<td>14,362</td>
<td>58,376</td>
<td>492,800</td>
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<td>Human Services and Juvenile Justice Services</td>
<td>908,593</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>10,634</td>
<td>919,227</td>
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<td>Corrections</td>
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<td>328,586</td>
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<td>Public Safety</td>
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<td>—</td>
<td>—</td>
<td>39,371</td>
<td>340,210</td>
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<td>Courts</td>
<td>159,098</td>
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<td>—</td>
<td>6,271</td>
<td>165,369</td>
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<td>Health and Environmental Quality</td>
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<td>—</td>
<td>—</td>
<td>1,576</td>
<td>2,997,039</td>
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<td>Higher Education – State Administration</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>96,323</td>
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<td>Higher Education – Colleges and Universities</td>
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<td>4,073</td>
<td>34,979</td>
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<td>Employment and Family Services</td>
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<td>—</td>
<td>—</td>
<td>11,277</td>
<td>755,613</td>
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<td>Natural Resources</td>
<td>247,042</td>
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<td>—</td>
<td>—</td>
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<td>251,545</td>
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<td>Heritage and Arts.</td>
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<td>—</td>
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<td>31,981</td>
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<td>Business, Labor, and Agriculture</td>
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<td>21,572</td>
<td>119,491</td>
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<td>Public Education</td>
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<td>1,555</td>
<td>4,140,263</td>
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<td>Transportation</td>
<td>—</td>
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<td>994,803</td>
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<td>1,925</td>
<td>996,728</td>
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<td>Capital Outlay</td>
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<td>235,134</td>
<td>847,541</td>
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<td>Debt Service:</td>
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<td>Principal Retirement</td>
<td>—</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>260,949</td>
<td>260,949</td>
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<tr>
<td>Interest and Other Charges</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>103,417</td>
<td>103,417</td>
</tr>
<tr>
<td>Excess Revenues Over (Under) Expenditures</td>
<td>(876,721)</td>
<td>1,299,895</td>
<td>139,192</td>
<td>132,491</td>
<td>130,012</td>
<td>(458,112)</td>
<td>366,757</td>
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<tr>
<td>OTHER FINANCING SOURCES (USES)</td>
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<td></td>
</tr>
<tr>
<td>General Obligation Bonds Issued</td>
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<td>—</td>
<td>127,715</td>
<td>—</td>
<td>—</td>
<td>127,715</td>
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<tr>
<td>Premium on Bonds Issued</td>
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<td>—</td>
<td>—</td>
<td>22,688</td>
<td>—</td>
<td>—</td>
<td>23,308</td>
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<tr>
<td>Payment to Refunded Bond Escrow Agent</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(27,770)</td>
<td>(27,770)</td>
</tr>
<tr>
<td>Sale of Capital Assets</td>
<td>—</td>
<td>31,134</td>
<td>34,192</td>
<td>2</td>
<td>65,311</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfers In</td>
<td>1,501,574</td>
<td>94,074</td>
<td>44,027</td>
<td>38,147</td>
<td>19</td>
<td>903,740</td>
<td>2,581,581</td>
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<tr>
<td>Transfers Out</td>
<td>(441,552)</td>
<td>(1,335,011)</td>
<td>(110,400)</td>
<td>(305,565)</td>
<td>(82,663)</td>
<td>(165,530)</td>
<td>(2,440,721)</td>
</tr>
<tr>
<td>Total Other Financing Sources (Uses)</td>
<td>1,060,025</td>
<td>(1,240,937)</td>
<td>(35,239)</td>
<td>(117,015)</td>
<td>(48,452)</td>
<td>711,062</td>
<td>329,444</td>
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<tr>
<td>Net Change in Fund Balances</td>
<td>183,304</td>
<td>58,958</td>
<td>103,953</td>
<td>15,476</td>
<td>81,560</td>
<td>252,950</td>
<td>696,201</td>
</tr>
<tr>
<td>Fund Balances – Beginning</td>
<td>1,055,216</td>
<td>1,144,738</td>
<td>407,653</td>
<td>654,819</td>
<td>2,596,245</td>
<td>777,440</td>
<td>6,636,111</td>
</tr>
<tr>
<td>Adjustment to Beginning Fund Balances</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(15,469)</td>
<td>—</td>
<td>(15,469)</td>
</tr>
<tr>
<td>Fund Balances – Beginning As Adjusted</td>
<td>1,055,216</td>
<td>1,144,738</td>
<td>407,653</td>
<td>654,819</td>
<td>2,580,776</td>
<td>777,440</td>
<td>6,620,642</td>
</tr>
<tr>
<td>Fund Balances – Ending</td>
<td>$ 1,238,520</td>
<td>$ 1,203,696</td>
<td>$ 511,606</td>
<td>$ 670,295</td>
<td>$ 2,662,336</td>
<td>$ 1,030,390</td>
<td>$ 7,316,843</td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balances to the Statement of Activities

Governmental Funds

(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

Net Change in Fund Balances – Governmental Funds ......................... $ 696,201

The change in net position reported for governmental activities in the Statement of Activities is different because:

Governmental funds report capital outlays as expenditures. However, in the Statement of Activities the cost of those assets is allocated over their estimated useful lives as depreciation expense. The primary government also constructs buildings for discrete component units. When the buildings are completed they are “transferred” to the respective discrete component unit and reported as expenses in its Statement of Activities. This is the amount by which capital outlays of $663,500 exceeded depreciation expense of $(117,383) and buildings “transferred” to discrete component units of $(140,747) in the current period. (See Note 8) ......................... 405,370

In the Statement of Activities only the gain/loss on the sale of assets is reported, whereas in the governmental funds, the proceeds from the sales increase financial resources. Thus the change in net position differs from the change in governmental fund balance by the cost of the assets sold. ........ (38,709)

Net effect of revenues reported on the accrual basis in the Statement of Activities that are reported as deferred inflows of resources in the governmental funds, as they are unavailable and do not provide current financial resources................................................................. 2,959

Internal service funds are used by management to charge the costs of certain activities, such as insurance, technology services, and fleet operations to individual governmental funds. The net revenue (expense) of the internal service funds is reported with governmental activities. ........................................ (2,132)

Bond proceeds and capital leases provide current financial resources to governmental funds by issuing debt which increases long-term liabilities in the Statement of Net Position. Repayments of bond and capital lease principal are expenditures in the governmental funds, but reduce liabilities in the Statement of Net Position: (See Note 10)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonds Issued</td>
<td>$127,715</td>
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<tr>
<td>Premiums on Bonds Issued</td>
<td>(23,308)</td>
</tr>
<tr>
<td>Defeasance on Bonds</td>
<td>27,770</td>
</tr>
<tr>
<td>Payment of Bond Principal</td>
<td>260,949</td>
</tr>
<tr>
<td>Capital Lease Payments</td>
<td>2,126</td>
</tr>
<tr>
<td></td>
<td>139,822</td>
</tr>
</tbody>
</table>

Expenditures are recognized in the governmental funds when paid or due for: items not normally paid with available financial resources; and interest on long-term debt unless certain conditions are met. However, the Statement of Activities is presented on the accrual basis and expenses are reported when incurred, regardless of when financial resources are available or expenditures are paid or due. This adjustment combines the net changes of the following balances:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pollution Remediation Outlays</td>
<td>$42</td>
</tr>
<tr>
<td>Settlement Obligations</td>
<td>46</td>
</tr>
<tr>
<td>Compensated Absences Expense</td>
<td>(26,633)</td>
</tr>
<tr>
<td>Accrued Interest on Bonds Payable</td>
<td>246</td>
</tr>
<tr>
<td>Amortization of Bond Premiums</td>
<td>25,357</td>
</tr>
<tr>
<td>Amortization of Deferred Amount on Refundings of Bonded Debt</td>
<td>(4,305)</td>
</tr>
<tr>
<td>Arbitrage Interest Expense</td>
<td>(544)</td>
</tr>
<tr>
<td>Other Postemployment Benefits Expense</td>
<td>18,860</td>
</tr>
<tr>
<td>Pension Expense</td>
<td>(38,645)</td>
</tr>
</tbody>
</table>

Change in Net Position – Governmental Activities ................................ $ 1,177,935

The Notes to the Financial Statements are an integral part of this statement.
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Student Assistance Programs
These programs are administered by the State Board of Regents and are comprised of the Utah Higher Education Assistance Authority Student Loan Guarantee Program and the Student Loan Purchase Program. The purpose of these programs is to guarantee the repayment of student loans made by participating lenders to eligible borrowers and service outstanding student loans. Funds are acquired from the sale of bonds, lines of credit, and funding notes.

Unemployment Compensation Fund
This fund pays claims for unemployment to eligible recipients and is funded through employer contributions and reimbursements, and federal grants.

Water Loan Programs
These programs provide loans to local governments, water districts, and other entities for the purpose of upgrading water storage facilities and other related structures. Capital for this fund was provided from the General Fund and from general obligation bonds that were repaid with general tax revenues. Additional funds have been generated by issuing water loan recapitalization revenue bonds that are secured by pledged principal and interest payments of specific revolving water resources loan funds.

Community Impact Loan Fund
This fund provides loans to local governments to alleviate the social, economic, and public financial impacts resulting from the development of the State’s natural resources. Working capital for this fund is provided from federal mineral lease funds transferred from the General Fund. This fund also administers loans and loan guarantees from federal funds to small businesses under the Small Business Credit Initiative.

Nonmajor Enterprise Funds
Nonmajor enterprise funds are presented in more detail within Supplementary Information – Combining Statements and Individual Fund Statements and Schedules.

Governmental Activities – Internal Service Funds
These funds are maintained to account for the operation of state agencies that provide goods or services to other state agencies and other governmental units on a cost-reimbursement basis. These funds are presented in more detail within Supplementary Information – Combining Statements and Individual Fund Statements and Schedules.
## Statement of Net Position
### Proprietary Funds
(Expressed in thousands)

#### June 30, 2019

<table>
<thead>
<tr>
<th>Student Assistance Programs</th>
<th>Unemployment Compensation Fund</th>
<th>Water Loans Programs</th>
<th>Community Impact Loan Fund</th>
<th>Nonmajor Enterprise Funds</th>
<th>Total</th>
<th>Internal Service Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSETS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$128,577</td>
<td>$1,145,835</td>
<td>$368,766</td>
<td>$212,975</td>
<td>$79,178</td>
<td>$1,935,331</td>
</tr>
<tr>
<td>Restricted Investments</td>
<td>58,634</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receivables</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts, net</td>
<td>8,559</td>
<td>54,968</td>
<td>2,701</td>
<td>71</td>
<td>13,178</td>
<td>79,406</td>
</tr>
<tr>
<td>Accrued Interest</td>
<td>33,608</td>
<td></td>
<td>4,012</td>
<td>4,763</td>
<td>2,727</td>
<td>45,110</td>
</tr>
<tr>
<td>Accrued Taxes, net</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes/Loans/Mortgages, net</td>
<td>242,115</td>
<td></td>
<td>39,122</td>
<td>26,166</td>
<td>14,884</td>
<td>322,287</td>
</tr>
<tr>
<td>Due From Other Funds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Due From Component Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prepaid Items</td>
<td>71</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inventories</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Current Assets</td>
<td>472,203</td>
<td>1,200,803</td>
<td>431,764</td>
<td>243,984</td>
<td>166,106</td>
<td>2,514,780</td>
</tr>
<tr>
<td>Noncurrent Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infrastructure – depreciating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>13,436</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td>4,068</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intangible Assets–Software</td>
<td>1,174</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction in Progress</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less Accumulated Depreciation</td>
<td>(8,998)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Noncurrent Assets</td>
<td>1,192,303</td>
<td>2,722</td>
<td>661,789</td>
<td>460,084</td>
<td>287,693</td>
<td>2,604,711</td>
</tr>
<tr>
<td>Total Assets</td>
<td>$1,664,706</td>
<td>$1,203,525</td>
<td>$1,093,553</td>
<td>$703,908</td>
<td>$453,799</td>
<td>$5,119,491</td>
</tr>
</tbody>
</table>

#### DEFERRED OUTFLOWS OF RESOURCES

- Deferred Amount on Refundings of Bonded Debt: $2,816
- Deferred Outflows Relating to Pensions: 1,021
- Deferred Outflows Relating to Other Postemployment Benefit: 1,761

Total Deferred Outflows of Resources: $4,588

#### LIABILITIES

- Current Liabilities:
  - Accounts Payable and Accrued Liabilities: $24,772
  - Due To Other Funds: 2
  - Due To Component Units: 37
  - Interfund Loans Payable: 603
  - Unearned Revenue: 4,833
  - Policy Claims and Uninsured Liabilities: 3,279
  - Notes Payable: 19
  - Revenue Bonds Payable: 6,709

- Total Current Liabilities: 282,345

- Noncurrent Liabilities:
  - Revenue Bonds Payable: 282,156

- Total Liabilities: 304,496

#### DEFERRED INFLOWS OF RESOURCES

- Deferred Amount on Refundings of Bonded Debt: $8,086
- Fair Value of Interest Rate Swap Agreements: 10,293
- Deferred Inflows Relating to Pensions: 477

Total Deferred Inflows of Resources: $15,056

#### NET POSITION

- Net Investment in Capital Assets: $6,840
- Restricted Funds:
  - Unemployment Compensation and Insurance Programs: 1,189,344
  - Loan Programs: 303,845
  - Debt Service: 152,882
  - Unrestricted (Deficit): 67,560

Total Net Position: $378,245

The Notes to the Financial Statements are an integral part of this statement.
### Statement of Revenues, Expenses and Changes in Fund Net Position
**Proprietary Funds**
(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

#### OPERATING REVENUES

<table>
<thead>
<tr>
<th>Student Assistance Programs</th>
<th>Unemployment Compensation Fund</th>
<th>Water Loans Programs</th>
<th>Community Impact Loan Fund</th>
<th>Nonmajor Enterprise Funds</th>
<th>Total</th>
<th>Internal Service Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales and Charges for Services/Premiums</td>
<td>$25,414</td>
<td>$169,123</td>
<td>$209</td>
<td>$—</td>
<td>$469,760</td>
<td>$664,506</td>
</tr>
<tr>
<td>Fees and Assessments</td>
<td>606</td>
<td>345</td>
<td>520</td>
<td>—</td>
<td>6,337</td>
<td>7,808</td>
</tr>
<tr>
<td>Interest on Notes/Mortgages</td>
<td>68,787</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>3,168</td>
<td>71,955</td>
</tr>
<tr>
<td>Federal Reinsurance and Allowances/Reimbursements</td>
<td>17,417</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>17,417</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>2,432</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>614</td>
<td>3,046</td>
</tr>
<tr>
<td><strong>Total Operating Revenues</strong></td>
<td><strong>114,656</strong></td>
<td><strong>169,468</strong></td>
<td><strong>729</strong></td>
<td><strong>—</strong></td>
<td><strong>479,879</strong></td>
<td><strong>764,732</strong></td>
</tr>
</tbody>
</table>

#### OPERATING EXPENSES

| Administration | 4,174 | — | — | — | 39,497 | 43,671 | 134,736 |
| Purchases, Materials, and Services for Resale | — | — | — | — | 276,567 | 276,567 | 70,834 |
| Grants | — | — | 8,797 | — | 1,423 | 10,220 | 285 |
| Rentals and Leases | — | — | 25 | — | 1,961 | 1,986 | 5,982 |
| Maintenance | — | — | — | — | 5,523 | 5,523 | 27,417 |
| Interest | 44,081 | — | — | — | — | — | 44,081 |
| Depreciation/Amortization | 1,038 | — | — | — | 3,805 | 4,843 | 18,404 |
| Student Loan Servicing and Related Expenses | 46,631 | — | — | — | — | 46,631 | — |
| Payment to Lenders for Guaranteed Claims | 17,409 | — | — | — | — | 17,409 | — |
| Benefit Claims and Unemployment Compensation | — | 152,359 | — | — | — | 152,359 | 22,050 |
| Supplies and Other Miscellaneous | 404 | — | 3,755 | 332 | 26,658 | 31,149 | 44,078 |
| **Total Operating Expenses** | **113,737** | **152,359** | **12,577** | **332** | **355,434** | **634,439** | **323,786** |

**Operating Income (Loss)**

| 919 | 17,109 | (11,848) | (332) | 124,445 | 130,293 | (6,357) |

#### NONOPERATING REVENUES (EXPENSES)

| Investment Income | 4,913 | 26,496 | 20,617 | 13,718 | 2,418 | 68,162 | 2,097 |
| Federal Contracts and Grants | — | 162 | 10,026 | 7 | 5,963 | 16,158 | — |
| Disposal of Capital Assets | — | — | — | — | (132) | (132) | 175 |
| Tax Revenues | — | — | 33,753 | — | 525 | 34,278 | — |
| Interest Expense | — | — | (1,167) | — | (3,241) | (4,408) | (15) |
| Refunds Paid to Federal Government | (100) | — | — | — | (100) | (2,034) | (455) |
| Other Revenues (Expenses) | (250) | — | — | — | (250) | (6,357) | (222) |
| **Total Nonoperating Revenues (Expenses)** | **4,563** | **26,658** | **63,229** | **13,725** | **5,533** | **113,308** | **6,569** |

**Income (Loss) before Capital Contributions and Transfers**

| 5,482 | 43,767 | 51,381 | 13,393 | 129,978 | 244,061 | (6,569) |

**Capital Contributions**

| — | — | — | — | — | — | 1,561 |

**Transfers In**

| — | — | 1,241 | — | 12,175 | 13,416 | 3,134 |

**Transfers Out**

| (2,747) | (13,881) | (17,967) | (122,557) | (157,152) | (258) |

**Change in Net Position**

| 5,482 | 41,020 | 38,741 | (4,574) | 19,596 | 100,265 | (2,132) |

**Net Position – Beginning**

| 372,763 | 1,148,324 | 1,028,005 | 708,459 | 281,071 | 3,538,622 | 45,397 |

**Adjustment to Beginning Net Position**

| — | — | — | — | — | — | 11,046 |

**Net Position – Beginning as Adjusted**

| 372,763 | 1,148,324 | 1,028,005 | 708,459 | 281,071 | 3,538,622 | 34,351 |

**Net Position – Ending**

| $378,245 | $1,189,344 | $1,066,746 | $703,885 | $300,667 | $3,638,887 | $32,219 |

The Notes to the Financial Statements are an integral part of this statement.
### Statement of Cash Flows

**Proprietary Funds**

**Proprietary Funds** (expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CASH FLOWS FROM OPERATING ACTIVITIES</th>
<th>Student Assistance Programs</th>
<th>Unemployment Compensation Fund</th>
<th>Water Loan Fund</th>
<th>Community Impact Loan Fund</th>
<th>Nonmajor Enterprise Funds</th>
<th>Total</th>
<th>Internal Service Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipts from Customers/Loan Interest/Fees/Premiums</td>
<td>$72,783</td>
<td>$174,274</td>
<td>$(1,231)</td>
<td>—</td>
<td>$497,175</td>
<td>$743,001</td>
<td>$61,184</td>
</tr>
<tr>
<td>Receipts from Loan Maturities</td>
<td>269,463</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>11,030</td>
<td>280,493</td>
<td>—</td>
</tr>
<tr>
<td>Receipts Federal Reinsurance and Allowances/Reimbursements</td>
<td>823</td>
<td>(3)</td>
<td>—</td>
<td>—</td>
<td>26,161</td>
<td>26,161</td>
<td>469,770</td>
</tr>
<tr>
<td>Receipts from State Customers</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>39,006</td>
<td>65,058</td>
<td>133,118</td>
</tr>
<tr>
<td>Payments to Suppliers/Claims/Grants</td>
<td>(14,127)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>15,658</td>
<td>(29,785)</td>
<td>—</td>
</tr>
<tr>
<td>Payments on Loan Guarantees</td>
<td>(17,286)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(17,286)</td>
<td>—</td>
</tr>
<tr>
<td>Payments for Employee Services and Benefits</td>
<td>(26,052)</td>
<td>—</td>
<td>(3,242)</td>
<td>(326)</td>
<td>(5,887)</td>
<td>(9,455)</td>
<td>(61,603)</td>
</tr>
<tr>
<td>Payments of Sales Tax and School Lunch Collections</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(50,039)</td>
<td>(50,039)</td>
<td>—</td>
</tr>
<tr>
<td>Net Cash Provided (Used) by Operating Activities</td>
<td>266,829</td>
<td>20,965</td>
<td>(12,744)</td>
<td>(309)</td>
<td>124,541</td>
<td>399,282</td>
<td>13,947</td>
</tr>
</tbody>
</table>

| CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES | | | | | | | |
| Borrowings Under Interfund Loans | — | — | — | — | 34,418 | 34,418 | 3,697 |
| Repayments Under Interfund Loans | — | — | — | — | (34,574) | (34,574) | — |
| Payments of Bonds, Notes, Deposits, and Refunds | (241,085) | — | (5,705) | — | (246,790) | (41) |
| Interest Paid on Bonds, Notes, and Financing Costs | (46,282) | — | 10,988 | — | (35,294) | (11) |
| Federal Contracts and Grants and Other Revenues | — | 162 | 10,021 | 6 | 7,153 | 17,342 | — |
| Restricted Sales Tax | — | 33,290 | — | — | 525 | 33,815 | — |
| Transfers In from Other Funds | — | 1,241 | — | — | 12,175 | 13,416 | 1,349 |
| Transfers Out to Other Funds | — | (2,747) | (13,881) | (17,967) | (122,557) | (157,152) | (258) |
| Net Cash Provided (Used) by Noncapital Financing Activities | (287,367) | (2,585) | 35,954 | (17,961) | (102,860) | (374,819) | 4,736 |

| CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES | | | | | | | |
| Borrowings Under Interfund Loans | — | — | — | — | — | — | 16,944 |
| Repayments Under Interfund Loans | — | — | — | — | — | — | (23,464) |
| Proceeds from Bond and Note Debt Issuance | — | — | — | — | 305 | 305 | — |
| Proceeds from Disposition of Capital Assets | — | — | — | — | 13 | 13 | 3,854 |
| Federal Grants and Other Revenues | — | — | — | — | — | — | 1,561 |
| Principal Paid on Debt and Contract Maturities | — | — | — | — | (5,609) | (5,609) | (84) |
| Acquisition and Construction of Capital Assets | (442) | — | — | — | (1,316) | (1,758) | (17,266) |
| Interest Paid on Bonds, Notes, and Capital Leases | — | — | — | — | (3,635) | (3,635) | (1) |
| Transfers In from Other Funds | — | — | — | — | — | — | 1,785 |
| Net Cash Provided (Used) by Capital and Related Financing Activities | (442) | 0 | 0 | 0 | (10,242) | (10,684) | (16,671) |

| CASH FLOWS FROM INVESTING ACTIVITIES | | | | | | | |
| Proceeds from the Sale and Maturity of Investments | 322,419 | 26,496 | 8,447 | 13,718 | 1,279 | 54,864 | 2,097 |
| Receipts of Interest and Dividends | 4,924 | — | — | — | — | — | — |
| Receipts from Loan Maturities | — | — | 39,616 | 32,316 | 2,057 | 73,989 | — |
| Receipts of Interest from Loans | — | — | 636 | 21 | 671 | 1,328 | — |
| Payments to Purchase Investments | (310,740) | — | — | — | — | (310,740) | — |
| Disbursements for Loans Receivable | — | — | (73,659) | (56,208) | (36,750) | (166,617) | — |
| Net Cash Provided (Used) by Investing Activities | 16,603 | 26,496 | (24,960) | (10,153) | (32,731) | (24,745) | 2,097 |

Net Cash Provided (Used) – All Activities | (4,377) | 44,876 | (1,750) | (28,423) | (21,292) | (10,966) | 4,109 |

Cash and Cash Equivalents – Beginning | $128,577 | $1,145,835 | $368,766 | $212,975 | $79,178 | $1,935,331 | $79,968 |

The Notes to the Financial Statements are an integral part of this statement.

Continues
State of Utah

### RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Student Assistance Programs</th>
<th>Unemployment Compensation Fund</th>
<th>Water Loan Fund</th>
<th>Community Impact Loan Fund</th>
<th>Nonmajor Enterprise Funds</th>
<th>Total</th>
<th>Internal Service Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Income (Loss)</td>
<td>$ 919</td>
<td>$ 17,109</td>
<td>$ (11,848)</td>
<td>$ (332)</td>
<td>$ 124,445</td>
<td>$ 130,293</td>
<td>$ (6,337)</td>
</tr>
<tr>
<td>Adjustments to Reconcile Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depreciation/Amortization Expense</td>
<td>1,038</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>3,805</td>
<td>4,843</td>
<td>18,404</td>
</tr>
<tr>
<td>Interest Expense for Noncapital and Capital Financing</td>
<td>44,689</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Pension and OPEB Expense Accruals</td>
<td>(45)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>447</td>
<td>402</td>
<td>1,424</td>
</tr>
<tr>
<td>Miscellaneous Gains, Losses, and Other Items</td>
<td>(305)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(305)</td>
<td>(2,489)</td>
<td></td>
</tr>
<tr>
<td>Net Changes in Assets, Deferred Outflows of Resources, Liabilities, and Deferred Inflows of Resources:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts Receivable/Due From Other Funds</td>
<td>(6,480)</td>
<td>3,777</td>
<td>(1,394)</td>
<td>—</td>
<td>(7,281)</td>
<td>(11,378)</td>
<td>(12,600)</td>
</tr>
<tr>
<td>Notes/Accrued Interest Receivables</td>
<td>227,579</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(4,540)</td>
<td>223,039</td>
<td>—</td>
</tr>
<tr>
<td>Inventories</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(701)</td>
<td>2,330</td>
</tr>
<tr>
<td>Prepaid Items/Deferred Charges</td>
<td>(210)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(1,368)</td>
<td>(1,578)</td>
<td>(1,689)</td>
</tr>
<tr>
<td>Accrued Liabilities/Due to Other Funds</td>
<td>(356)</td>
<td>1,164</td>
<td>498</td>
<td>23</td>
<td>9,108</td>
<td>10,437</td>
<td>9,964</td>
</tr>
<tr>
<td>Unearned Revenue/Deposits</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>626</td>
<td>626</td>
<td>(1,288)</td>
</tr>
<tr>
<td>Policy Claims Liabilities</td>
<td>—</td>
<td>(1,085)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(1,085)</td>
<td>6,228</td>
</tr>
<tr>
<td>Net Cash Provided (Used) by Operating Activities</td>
<td>$ 266,829</td>
<td>$ 20,965</td>
<td>$ (12,744)</td>
<td>$ (309)</td>
<td>$ 124,541</td>
<td>$ 399,282</td>
<td>$ 13,947</td>
</tr>
</tbody>
</table>

### SCHEDULE OF NONCASH INVESTING, CAPITAL, AND FINANCING ACTIVITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Student Assistance Programs</th>
<th>Unemployment Compensation Fund</th>
<th>Water Loan Fund</th>
<th>Community Impact Loan Fund</th>
<th>Nonmajor Enterprise Funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase (Decrease) in Fair Value of Investments</td>
<td>—</td>
<td>—</td>
<td>$ 61</td>
<td>$ 44</td>
<td>$ (186)</td>
<td>$ (81)</td>
</tr>
<tr>
<td>Total Noncash Investing, Capital, and Financing Activities</td>
<td>$ 0</td>
<td>$ 0</td>
<td>$ 61</td>
<td>$ 44</td>
<td>$ (186)</td>
<td>$ (81)</td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
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Pension and Other Employee Benefit Trust Funds
These funds are used to account for the defined benefit pension plans and defined contribution plans administered by the Utah Retirement Systems, and the Post-Retirement Benefits Trust Funds, defined benefit other postemployment benefit plans (OPEB Plans), and other employee benefit plans administered by the State.

Investment Trust Fund
This fund is used to account for the investments related to external participants in the Utah State Public Treasurers’ Investment Fund.

Private Purpose Trust Funds
These funds are used to report resources of all other trust arrangements under which principal and income benefit individuals, private organizations, or other governments.

Agency Funds
Agency funds account for assets held by the State as an agent for other governmental units, other organizations, or individuals.

Individual funds are presented in more detail by fund type within Supplementary Information – Combining Statements and Individual Fund Statements and Schedules.
State of Utah

Statement of Fiduciary Net Position
Fiduciary Funds
(expressed in thousands)

June 30, 2019

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>Pension and Other Employee Benefit Trust Funds</th>
<th>Investment Trust Fund</th>
<th>Private Purpose Trust Fund</th>
<th>Agency Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$1,570,443</td>
<td>$64</td>
<td>$10,169</td>
<td>$181,006</td>
</tr>
<tr>
<td>Receivables:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts</td>
<td>847</td>
<td></td>
<td>6,434</td>
<td>20,048</td>
</tr>
<tr>
<td>Contributions</td>
<td>58,544</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investments</td>
<td>707,266</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accrued Interest</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accrued Assessments</td>
<td></td>
<td></td>
<td>2,939</td>
<td></td>
</tr>
<tr>
<td>Loans</td>
<td></td>
<td></td>
<td>1,169</td>
<td></td>
</tr>
<tr>
<td>Due From Other Funds</td>
<td></td>
<td></td>
<td></td>
<td>182</td>
</tr>
<tr>
<td>Investments:</td>
<td></td>
<td></td>
<td></td>
<td>123</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>7,623,410</td>
<td>10,221,267</td>
<td>3,426,433</td>
<td>3,309</td>
</tr>
<tr>
<td>Equity Investments</td>
<td>14,320,272</td>
<td></td>
<td>11,196,317</td>
<td></td>
</tr>
<tr>
<td>Absolute Return</td>
<td>4,598,396</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Equity</td>
<td>3,661,356</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Real Assets</td>
<td>5,445,086</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Invested Securities Lending Collateral</td>
<td>1,058,056</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Investments</td>
<td>$36,706,576</td>
<td>$10,221,267</td>
<td>$14,622,750</td>
<td>$3,309</td>
</tr>
<tr>
<td>Other Assets</td>
<td></td>
<td></td>
<td>12,397</td>
<td>54,121</td>
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<tr>
<td>Capital Assets:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land</td>
<td>1,781</td>
<td></td>
<td>270</td>
<td></td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>20,270</td>
<td></td>
<td>10,715</td>
<td></td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td>3,127</td>
<td></td>
<td>2,865</td>
<td></td>
</tr>
<tr>
<td>Intangible Assets</td>
<td>6,615</td>
<td></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Less Accumulated Depreciation</td>
<td>(27,118)</td>
<td></td>
<td>(6,949)</td>
<td></td>
</tr>
<tr>
<td>Total Capital Assets</td>
<td>4,675</td>
<td>0</td>
<td>6,912</td>
<td>0</td>
</tr>
<tr>
<td>Total Assets</td>
<td>$39,048,351</td>
<td>$10,221,331</td>
<td>$14,662,952</td>
<td>$258,607</td>
</tr>
</tbody>
</table>

DEFERRED OUTFLOWS OF RESOURCES
Deferred Outflows Relating to Pensions | $0 | $0 | $578 | $0 |

LIABILITIES
Accounts Payable | $625,006 | $17,125 | $1,901 | |
Securities Lending Liability | 1,058,056 | | | |
Due To Other Funds | | | 75 | |
Due To Individuals, Organizations, and Other Governments | | | 258,607 | |
Unearned Revenue | | | 376 | |
Leave/Postemployment Benefits | 17,490 | | | |
Policy Claims Liabilities/Insurance Reserves | 4,822 | | 225,087 | |
Real Estate Liabilities | 119,999 | | | |
Net Pension Obligation | | | 1,007 | |
Total Liabilities | $1,825,373 | $17,125 | $228,446 | $258,607 |

DEFERRED INFLOWS OF RESOURCES
Deferred Inflows Relating to Pensions | $0 | $0 | $318 | $0 |

NET POSITION
Restricted for:
Pension Benefits | $31,259,522 | | | |
Other Postemployment Benefits | 287,722 | | | |
Other Employee Benefits | 45,798 | | | |
Defined Contribution | 5,629,936 | | | |
Pool Participants | | 10,204,206 | | |
Individuals, Organizations, and Other Governments | | 14,434,766 | | |
Total Net Position | $37,222,978 | $10,204,206 | $14,434,766 | |

Participant Account Balance:
Net Position Valuation Factor | 1.00412782 |

The Notes to the Financial Statements are an integral part of this statement.
## Statement of Changes in Fiduciary Net Position

### Fiduciary Funds

(Expressed in thousands)

For the Fiscal Year Ended June 30, 2019

### ADDITIONS

<table>
<thead>
<tr>
<th>Contributions:</th>
<th>Pension and Other Employee Benefit Trust Funds</th>
<th>Investment Trust Fund</th>
<th>Private Purpose Trust Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member</td>
<td>$441,837</td>
<td>—</td>
<td>$1,328,070</td>
</tr>
<tr>
<td>Employer</td>
<td>1,203,506</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Court Fees and Fire Insurance Premiums</td>
<td>10,265</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total Contributions</strong></td>
<td>1,655,608</td>
<td>0</td>
<td>1,328,070</td>
</tr>
<tr>
<td>Pool Participant Deposits</td>
<td>—</td>
<td>11,328,498</td>
<td>—</td>
</tr>
</tbody>
</table>

### Investment Income:

<table>
<thead>
<tr>
<th>Item</th>
<th>Pension and Other Employee Benefit Trust Funds</th>
<th>Investment Trust Fund</th>
<th>Private Purpose Trust Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Increase (Decrease) in Fair Value of Investments</td>
<td>(968,209)</td>
<td>6,204</td>
<td>451,890</td>
</tr>
<tr>
<td>Interest, Dividends, and Other Investment Income</td>
<td>703,823</td>
<td>298,011</td>
<td>409,335</td>
</tr>
<tr>
<td><strong>Total Income From Investment Activity</strong></td>
<td>(264,386)</td>
<td>304,215</td>
<td>861,225</td>
</tr>
<tr>
<td>Net Income from Investment Activity</td>
<td>(333,146)</td>
<td>303,663</td>
<td>861,225</td>
</tr>
<tr>
<td>Income from Security Lending Activity</td>
<td>8,168</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Less Security Lending Expenses</td>
<td>(1,062)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Net Income from Security Lending Activity</strong></td>
<td>7,106</td>
<td>—</td>
<td>0</td>
</tr>
<tr>
<td><strong>Net Investment Income</strong></td>
<td>(326,040)</td>
<td>303,663</td>
<td>861,225</td>
</tr>
<tr>
<td>Transfers From Affiliated Systems</td>
<td>26,693</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

### Other Additions:

<table>
<thead>
<tr>
<th>Item</th>
<th>Pension and Other Employee Benefit Trust Funds</th>
<th>Investment Trust Fund</th>
<th>Private Purpose Trust Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escheats</td>
<td>—</td>
<td>—</td>
<td>44,465</td>
</tr>
<tr>
<td>Royalties and Rents</td>
<td>—</td>
<td>—</td>
<td>4,177</td>
</tr>
<tr>
<td>Fees, Assessments, and Revenues</td>
<td>—</td>
<td>—</td>
<td>49,195</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>—</td>
<td>—</td>
<td>5,285</td>
</tr>
<tr>
<td><strong>Total Other</strong></td>
<td>—</td>
<td>—</td>
<td>103,122</td>
</tr>
<tr>
<td><strong>Total Additions</strong></td>
<td>1,356,261</td>
<td>11,632,161</td>
<td>2,292,417</td>
</tr>
</tbody>
</table>

### DEDUCTIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>Pension and Other Employee Benefit Trust Funds</th>
<th>Investment Trust Fund</th>
<th>Private Purpose Trust Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pension Benefits</td>
<td>1,670,644</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Retiree Healthcare Benefits</td>
<td>30,972</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Refunds/Plan Distributions</td>
<td>348,885</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Earnings Distribution</td>
<td>—</td>
<td>297,460</td>
<td>—</td>
</tr>
<tr>
<td>Pool Participant Withdrawals</td>
<td>—</td>
<td>10,620,711</td>
<td>—</td>
</tr>
<tr>
<td>Transfers To Affiliated Systems</td>
<td>26,693</td>
<td>—</td>
<td>29,143</td>
</tr>
<tr>
<td>Trust Operating Expenses</td>
<td>—</td>
<td>—</td>
<td>29,532</td>
</tr>
<tr>
<td>Distributions and Benefit Payments</td>
<td>—</td>
<td>—</td>
<td>684,383</td>
</tr>
<tr>
<td>Administrative and General Expenses</td>
<td>21,743</td>
<td>—</td>
<td>29,532</td>
</tr>
<tr>
<td><strong>Total Deductions</strong></td>
<td>2,098,937</td>
<td>10,918,171</td>
<td>743,058</td>
</tr>
</tbody>
</table>

### Change in Net Position Restricted for:

<table>
<thead>
<tr>
<th>Item</th>
<th>Pension and Other Employee Benefit Trust Funds</th>
<th>Investment Trust Fund</th>
<th>Private Purpose Trust Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pension Benefits</td>
<td>(619,096)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Other Postemployment Benefits</td>
<td>22,656</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Other Employee Benefits</td>
<td>17,832</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Defined Contributions</td>
<td>(164,068)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Pool Participants</td>
<td>—</td>
<td>713,990</td>
<td>—</td>
</tr>
<tr>
<td>Individuals, Organizations, and Other Governments</td>
<td>—</td>
<td>—</td>
<td>1,549,359</td>
</tr>
<tr>
<td><strong>Net Position – Beginning</strong></td>
<td>37,965,654</td>
<td>9,490,216</td>
<td>12,885,407</td>
</tr>
<tr>
<td><strong>Net Position – Beginning as Adjusted</strong></td>
<td>37,965,654</td>
<td>9,490,216</td>
<td>12,885,407</td>
</tr>
<tr>
<td><strong>Net Position – Ending</strong></td>
<td>$37,222,978</td>
<td>$10,204,206</td>
<td>$14,434,766</td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
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Public Employees Health Program
This program provides employee medical and other insurance services predominantly for agencies of the State. It also provides claims processing and insurance services for local governments and other public entities within Utah.

University of Utah and Utah State University
These universities are funded through state appropriations, tuition, federal grants, and private donations and grants. In addition to instruction, these universities provide research and other services. The operations of the University of Utah also include the University of Utah Health Insurance Plans, a legally separate non-profit corporation of which the University is the sole corporate member, and its hospitals and clinics.

Utah Transit Authority
The Authority is an independent, nonprofit corporation whose purpose is to provide a public mass transportation system for Utah communities along the Wasatch Front and a small portion of Juab County. The Authority’s operations include commuter rail service, light rail service, bus service, paratransit service for the transit disabled, rideshare and van pool programs system wide.

Nonmajor Component Units
Nonmajor component units are presented in more detail within Supplementary Information – Combining Statements and Individual Fund Statements and Schedules.
## Combining Statement of Net Position
### Component Units

**Expressed in thousands**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>Public Employees Health Program</th>
<th>University of Utah</th>
<th>Utah State University</th>
<th>Utah Transit Authority</th>
<th>Nonmajor Component Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Assets:</strong></td>
<td>$145,062</td>
<td>$607,196</td>
<td>$53,914</td>
<td>$103,038</td>
<td>$271,027</td>
<td>$1,180,237</td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>12,872</td>
<td>958,358</td>
<td>37,832</td>
<td>—</td>
<td>160,802</td>
<td>1,169,864</td>
</tr>
<tr>
<td><strong>Receivables:</strong></td>
<td>55,475</td>
<td>551,913</td>
<td>69,386</td>
<td>79,315</td>
<td>39,909</td>
<td>795,998</td>
</tr>
<tr>
<td>Accounts, net</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Notes/Loans/Mortgages/Pledges, net</td>
<td>—</td>
<td>—</td>
<td>35,511</td>
<td>2,234</td>
<td>—</td>
<td>47,766</td>
</tr>
<tr>
<td>Accrued Interest</td>
<td>2,142</td>
<td>10,152</td>
<td>—</td>
<td>—</td>
<td>245</td>
<td>12,539</td>
</tr>
<tr>
<td>Due From Primary Government</td>
<td>—</td>
<td>—</td>
<td>4,294</td>
<td>2,842</td>
<td>10,635</td>
<td>38,788</td>
</tr>
<tr>
<td>Prepaid Items</td>
<td>21,017</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>320</td>
<td>10,250</td>
</tr>
<tr>
<td>Inventories</td>
<td>—</td>
<td>97,148</td>
<td>4,001</td>
<td>35,552</td>
<td>10,668</td>
<td>147,369</td>
</tr>
<tr>
<td>Other Assets</td>
<td>—</td>
<td>33,032</td>
<td>—</td>
<td>—</td>
<td>466</td>
<td>33,498</td>
</tr>
<tr>
<td><strong>Total Current Assets:</strong></td>
<td>236,568</td>
<td>2,293,310</td>
<td>171,661</td>
<td>230,677</td>
<td>498,848</td>
<td>3,431,064</td>
</tr>
<tr>
<td><strong>Noncurrent Assets:</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Restricted Investments</td>
<td>—</td>
<td>762,454</td>
<td>243,718</td>
<td>132,734</td>
<td>63,873</td>
<td>1,202,779</td>
</tr>
<tr>
<td>Restricted Receivables, net</td>
<td>—</td>
<td>—</td>
<td>8,236</td>
<td>—</td>
<td>8,236</td>
<td>—</td>
</tr>
<tr>
<td>Accounts Receivables, net</td>
<td>—</td>
<td>—</td>
<td>15,168</td>
<td>—</td>
<td>14,020</td>
<td>29,188</td>
</tr>
<tr>
<td>Investments</td>
<td>264,493</td>
<td>1,378,320</td>
<td>387,801</td>
<td>484,806</td>
<td>2,515,420</td>
<td>—</td>
</tr>
<tr>
<td>Notes/Loans/Mortgages/Pledges Receivables, net</td>
<td>—</td>
<td>198,757</td>
<td>7,274</td>
<td>—</td>
<td>43,225</td>
<td>249,256</td>
</tr>
<tr>
<td>Other Assets</td>
<td>85</td>
<td>20,840</td>
<td>—</td>
<td>31,747</td>
<td>11,975</td>
<td>64,647</td>
</tr>
<tr>
<td><strong>Capital Assets (net of Accumulated Depreciation):</strong></td>
<td>67</td>
<td>3,468,781</td>
<td>956,964</td>
<td>3,089,897</td>
<td>1,809,310</td>
<td>9,325,019</td>
</tr>
<tr>
<td><strong>Total Noncurrent Assets:</strong></td>
<td>264,645</td>
<td>5,829,152</td>
<td>1,619,161</td>
<td>3,254,378</td>
<td>2,427,209</td>
<td>13,394,545</td>
</tr>
<tr>
<td><strong>Total Assets:</strong></td>
<td>$501,213</td>
<td>$8,122,462</td>
<td>$1,790,822</td>
<td>$3,485,055</td>
<td>$2,926,057</td>
<td>$16,825,609</td>
</tr>
<tr>
<td><strong>Deferred Outflows of Resources:</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Deferred Amount on Refundings of Bonded Debt</td>
<td>—</td>
<td>—</td>
<td>7,964</td>
<td>7,090</td>
<td>88,490</td>
<td>626</td>
</tr>
<tr>
<td>Deferred Outflows Relating to Pensions</td>
<td>6,912</td>
<td>64,811</td>
<td>20,411</td>
<td>31,931</td>
<td>55,173</td>
<td>179,238</td>
</tr>
<tr>
<td>Deferred Outflows Relating to Other Postemployment Benefits</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>365</td>
<td>365</td>
</tr>
<tr>
<td><strong>Total Deferred Outflows of Resources:</strong></td>
<td>$6,912</td>
<td>$72,775</td>
<td>$27,501</td>
<td>$120,421</td>
<td>$56,164</td>
<td>$283,773</td>
</tr>
<tr>
<td><strong>Liabilities:</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Current Liabilities:</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Accounts Payable and Accrued Liabilities</td>
<td>12,617</td>
<td>348,888</td>
<td>79,981</td>
<td>52,042</td>
<td>56,527</td>
<td>550,055</td>
</tr>
<tr>
<td>Securities Lending Liability</td>
<td>2,923</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>2,923</td>
</tr>
<tr>
<td>Deposits</td>
<td>—</td>
<td>166,599</td>
<td>108</td>
<td>—</td>
<td>3,426</td>
<td>170,133</td>
</tr>
<tr>
<td>Due To Primary Government</td>
<td>—</td>
<td>61,367</td>
<td>1,441</td>
<td>138</td>
<td>14,378</td>
<td>77,324</td>
</tr>
<tr>
<td>Unearned Revenue</td>
<td>3,392</td>
<td>125,088</td>
<td>23,484</td>
<td>11,622</td>
<td>39,778</td>
<td>203,364</td>
</tr>
<tr>
<td><strong>Current Portion of Long-term Liabilities:</strong></td>
<td>69,305</td>
<td>158,379</td>
<td>29,613</td>
<td>36,818</td>
<td>33,314</td>
<td>327,429</td>
</tr>
<tr>
<td><strong>Total Current Liabilities:</strong></td>
<td>88,237</td>
<td>860,321</td>
<td>134,627</td>
<td>100,620</td>
<td>147,423</td>
<td>1,331,228</td>
</tr>
<tr>
<td>Noncurrent Liabilities:</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Accrued Liabilities</td>
<td>13,906</td>
<td>—</td>
<td>7,886</td>
<td>5,626</td>
<td>1,092</td>
<td>28,510</td>
</tr>
<tr>
<td>Unearned Revenue</td>
<td>—</td>
<td>—</td>
<td>1,265</td>
<td>—</td>
<td>515</td>
<td>1,780</td>
</tr>
<tr>
<td>Deposits</td>
<td>—</td>
<td>—</td>
<td>44,318</td>
<td>—</td>
<td>—</td>
<td>44,318</td>
</tr>
<tr>
<td>Net Pension Liability</td>
<td>11,139</td>
<td>174,785</td>
<td>53,846</td>
<td>131,548</td>
<td>496,585</td>
<td>—</td>
</tr>
<tr>
<td>Net Other Postemployment Benefit Liability</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>645</td>
<td>645</td>
</tr>
<tr>
<td><strong>Long-term Liabilities:</strong></td>
<td>77,708</td>
<td>1,119,434</td>
<td>250,092</td>
<td>2,385,003</td>
<td>223,047</td>
<td>4,055,284</td>
</tr>
<tr>
<td><strong>Total Noncurrent Liabilities:</strong></td>
<td>102,753</td>
<td>1,338,537</td>
<td>313,089</td>
<td>2,522,177</td>
<td>350,566</td>
<td>4,627,122</td>
</tr>
<tr>
<td><strong>Total Liabilities:</strong></td>
<td>$190,990</td>
<td>$2,198,858</td>
<td>$447,716</td>
<td>$2,622,797</td>
<td>$497,989</td>
<td>$5,958,350</td>
</tr>
<tr>
<td><strong>Deferred Inflows of Resources:</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Deferred Revenue</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Deferred Inflows Relating to Beneficial Interests</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>9,438</td>
<td>13,111</td>
</tr>
<tr>
<td>Deferred Amount on Refundings of Bonded Debt</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>1,441</td>
<td>—</td>
<td>1,441</td>
</tr>
<tr>
<td>Deferred Inflows Relating to Pensions</td>
<td>3,607</td>
<td>19,917</td>
<td>2,695</td>
<td>3,384</td>
<td>17,810</td>
<td>42,421</td>
</tr>
<tr>
<td>Deferred Inflows Relating to Other Postemployment Benefits</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>418</td>
<td>418</td>
</tr>
<tr>
<td><strong>Total Deferred Inflows of Resources:</strong></td>
<td>$3,607</td>
<td>$16,358</td>
<td>$6,927</td>
<td>$3,384</td>
<td>$27,674</td>
<td>$57,950</td>
</tr>
<tr>
<td><strong>Net Position:</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Net Investment in Capital Assets</td>
<td>67</td>
<td>2,411,866</td>
<td>742,503</td>
<td>827,646</td>
<td>1,608,647</td>
<td>5,590,729</td>
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<tr>
<td>Restricted:</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Higher Education</td>
<td>—</td>
<td>633,722</td>
<td>149,442</td>
<td>—</td>
<td>212,137</td>
<td>995,301</td>
</tr>
<tr>
<td>Insurance Plan</td>
<td>313,461</td>
<td>45,209</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>358,670</td>
</tr>
<tr>
<td>Transit Services</td>
<td>—</td>
<td>—</td>
<td>132,735</td>
<td>—</td>
<td>320</td>
<td>132,735</td>
</tr>
<tr>
<td>Unrestricted</td>
<td>—</td>
<td>2,184,225</td>
<td>235,815</td>
<td>18,914</td>
<td>419,659</td>
<td>2,858,613</td>
</tr>
<tr>
<td><strong>Total Net Position:</strong></td>
<td>$313,528</td>
<td>$5,980,021</td>
<td>$1,363,680</td>
<td>$979,295</td>
<td>$2,456,558</td>
<td>$11,093,082</td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
### Combining Statement of Activities

#### Component Units

(Expressed in thousands)

<table>
<thead>
<tr>
<th>For the Fiscal Year Ended June 30, 2019</th>
<th>Public Employees Health Program</th>
<th>University of Utah</th>
<th>Utah State University</th>
<th>Utah Transit Authority</th>
<th>Nonmajor Component Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenses</td>
<td>$743,910</td>
<td>$5,170,867</td>
<td>$840,991</td>
<td>$492,162</td>
<td>$1,379,023</td>
<td>$8,626,953</td>
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<tr>
<td>Program Revenues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charges for Services:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>—</td>
<td>465,766</td>
<td>243,127</td>
<td>—</td>
<td>589,678</td>
<td>1,298,571</td>
</tr>
<tr>
<td>Scholarship Allowances</td>
<td>—</td>
<td>(98,592)</td>
<td>(92,879)</td>
<td>—</td>
<td>(170,350)</td>
<td>(361,821)</td>
</tr>
<tr>
<td>Sales, Services, and Other Revenues</td>
<td>764,289</td>
<td>3,976,087</td>
<td>102,050</td>
<td>343,924</td>
<td>140,700</td>
<td>5,327,050</td>
</tr>
<tr>
<td>Operating Grants and Contributions</td>
<td>26,059</td>
<td>798,369</td>
<td>404,544</td>
<td>61,821</td>
<td>279,645</td>
<td>1,570,438</td>
</tr>
<tr>
<td>Capital Grants and Contributions</td>
<td>—</td>
<td>111,094</td>
<td>54,192</td>
<td>63,879</td>
<td>107,811</td>
<td>336,976</td>
</tr>
<tr>
<td>Total Program Revenues</td>
<td>790,348</td>
<td>5,252,724</td>
<td>711,034</td>
<td>469,624</td>
<td>947,484</td>
<td>8,171,214</td>
</tr>
<tr>
<td>Net (Expenses) Revenues</td>
<td>46,438</td>
<td>81,857</td>
<td>(129,957)</td>
<td>(469,624)</td>
<td>(1,570,438)</td>
<td>(4,355,739)</td>
</tr>
<tr>
<td>General Revenues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Appropriations</td>
<td>—</td>
<td>365,706</td>
<td>220,450</td>
<td>—</td>
<td>579,471</td>
<td>1,165,627</td>
</tr>
<tr>
<td>Unrestricted Investment Income</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>532</td>
</tr>
<tr>
<td>Gain (Loss) on Sale of Capital Assets</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>122</td>
<td>122</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>—</td>
<td>—</td>
<td>8,156</td>
<td>—</td>
<td>5,358</td>
<td>13,514</td>
</tr>
<tr>
<td>Permanent Endowments Contributions</td>
<td>—</td>
<td>30,637</td>
<td>3,806</td>
<td>—</td>
<td>5,072</td>
<td>39,515</td>
</tr>
<tr>
<td>Total General Revenues and Contributions</td>
<td>0</td>
<td>396,343</td>
<td>224,256</td>
<td>8,156</td>
<td>590,555</td>
<td>1,219,310</td>
</tr>
<tr>
<td>Change in Net Position</td>
<td>46,438</td>
<td>478,200</td>
<td>94,299</td>
<td>(14,382)</td>
<td>159,016</td>
<td>763,571</td>
</tr>
<tr>
<td>Net Position – Beginning</td>
<td>267,090</td>
<td>5,567,486</td>
<td>1,269,381</td>
<td>993,677</td>
<td>2,297,542</td>
<td>10,395,176</td>
</tr>
<tr>
<td>Adjustment to Beginning Net Position</td>
<td>—</td>
<td>(65,665)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(65,665)</td>
</tr>
<tr>
<td>Net Position – Beginning as Adjusted</td>
<td>267,090</td>
<td>5,501,821</td>
<td>1,269,381</td>
<td>993,677</td>
<td>2,297,542</td>
<td>10,329,511</td>
</tr>
<tr>
<td>Net Position – Ending</td>
<td>$313,528</td>
<td>$5,980,021</td>
<td>$1,363,680</td>
<td>$979,295</td>
<td>$2,456,558</td>
<td>$11,093,082</td>
</tr>
</tbody>
</table>

The Notes to the Financial Statements are an integral part of this statement.
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NOTES TO THE FINANCIAL STATEMENTS

For the Fiscal Year Ended June 30, 2019
NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of the State of Utah conform in all material respects with Generally Accepted Accounting Principles (GAAP) as prescribed by the Governmental Accounting Standards Board (GASB). Preparation of the financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates.

A. Reporting Entity

For financial reporting purposes, the State of Utah’s reporting entity includes the “primary government” and its “discrete component units.” The primary government includes all funds, organizations, institutions, agencies, boards, and commissions that make up its legal entity. The State’s discrete component units are legally separate organizations for which the State’s elected officials are financially accountable.

The GASB has set forth criteria to be considered in determining financial accountability. These criteria include appointing a voting majority of an organization’s governing body and either: (1) the ability of the State to impose its will on that organization; or (2) the potential for the organization to provide specific financial benefits to, or impose specific financial burdens on the State.

Where the State does not appoint a voting majority of an organization’s governing body, GASB standards require inclusion in the reporting entity if: (1) an organization is fiscally dependent on the State because its resources are held for the direct benefit of the State, or can be accessed by the State; and (2) the potential for the organization to provide specific financial benefits to, or impose specific financial burdens on the State. In addition, discrete component units can be other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the financial statements to be misleading.

Except where noted below, the State’s discrete component units issue their own separately audited financial statements as special-purpose governments engaged only in business-type activities. These financial statements can be obtained from their respective administrative offices or from the Office of the State Auditor, Utah State Capitol Complex, East Office Building, Suite E310, Salt Lake City, UT 84114, or online at auditor.utah.gov.

Entities such as the local school districts, charter schools, and other local authorities of various kinds that may only partially meet the criteria for inclusion in this report have not been included. The State’s support of the public education system is reported in the Education Fund (special revenue fund).

Blended Component Units

A component unit should be reported as part of the primary government and blended into the appropriate funds if: (1) services are provided entirely or almost entirely to the primary government; (2) the governing body is substantively the same as the governing body of the primary government and there is a financial benefit or burden relationship, or the primary government has operational responsibility; (3) the component unit’s total debt outstanding is expected to be repaid entirely or almost entirely by the primary government; or (4) if it is organized as a not-for-profit corporation in which the primary government is the sole corporate member.

Utah State Building Ownership Authority (blended with the primary government’s debt service and capital projects funds) – The Authority was created by the Legislature as a body politic and corporate for the sole purpose of financing, owning, leasing, and operating facilities to meet the needs of state government. In addition, any debt is paid entirely with resources of the State. The Board is comprised of three members: the Governor or designee, the State Treasurer, and the Chair of the State Building Board. Separate financial statements are not required or issued for the Authority.

Discrete Component Units

Discretely presented component units are reported in a separate column and/or rows in each of the government-wide statements to emphasize that they are legally separate from the State.

Except for the Utah Schools for the Deaf and Blind and the Utah System of Technical Colleges, the State appoints at least a majority of the governing board members of each of the State’s discrete component units, subject in most cases with consent from the Senate. The Utah Schools for the Deaf and Blind and the Utah System of Technical Colleges are included in the reporting entity because they meet both the fiscal dependency and financial benefit and burden relationship. The State approves and modifies the budgets and provides financial support for the Utah Schools for the Deaf and Blind and the Utah System of Technical Colleges.

The State has the ability to impose its will on the colleges and universities, the Utah Communications Authority, and the Public Employees Health Program, and the Utah State Fair Corporation, due to the level of budget oversight. The State appointed board members of the Utah Transit Authority, the Military Installation Development Authority, the Heber Valley Historic Railroad Authority, the Utah State Fair Corporation, and the Utah Inland Port Authority can be replaced at will by the State.

The determination that a discrete component unit is “major” is based on the nature and significance of its relationship to the primary government. The State’s major discrete component units are:

Public Employees Health Program – This Program provides employee medical and other insurance services predominantly for agencies of the State. It also provides claims processing and insurance services for local governments and other public entities within Utah. The Program is administered by the Utah State Retirement Board.

University of Utah and Utah State University – These universities are funded primarily through state appropriations, tuition, federal grants, and private donations and grants. In addition to instruction, these universities provide research and other services. The operations of the University of Utah also include the University of Utah Health Insurance Plans, a legally separate non-profit corporation of which the University is the sole corporate member, and its hospital and clinics.

Utah Transit Authority – During the 2018 General Session the Legislature passed Senate Bill 136, modifying the governance structure of the Authority, creating a governing board appointed by the Governor. This Authority is an independent, nonprofit corporation whose purpose is to provide public mass transportation system for Utah communities in the Wasatch Front and a small portion of Juab County. The Authority’s operations include commuter rail service, light rail service, bus service, paratransit...
service for the transit disabled, rideshare and van pool programs system wide.

The State’s nonmajor discrete component units are:

Utah Communications Authority – This Authority was established by the Utah State Legislature to provide public safety communication services and facilities on a regional or statewide basis for the benefit and use of all state and local governmental agencies.

Utah Schools for the Deaf and the Blind – These Schools provide practical education to individuals with hearing and/or vision impairments. Although not required, these Schools issue separate but unaudited financial statements.

Utah State Fair Corporation – This Corporation is a nonprofit public corporation that operates the State Fair Park and conducts the Utah State Fair and other various expositions and entertainment events.

Colleges and Universities – Weber State University, Southern Utah University, Salt Lake Community College, Utah Valley University, Dixie State University, Snow College, and the Utah System of Technical Colleges. These colleges and universities are funded primarily through state appropriations, tuition, federal grants, and private donations and grants. Separately audited financial statements are issued for the technical colleges within the Utah System of Technical Colleges.

Utah Charter School Finance Authority – This Authority was created to provide an efficient and cost-effective method of issuing conduit debt on behalf of charter schools to acquire or construct charter school facilities. The debt is the responsibility of the charter schools and neither the State nor any political subdivision of the State is obligated for repayment of the debt. Accordingly, this debt is not included as part of the State’s reporting entity. No financial statements are required or issued.

Military Installation Development Authority – This Authority is an independent nonprofit entity whose purpose is to provide for the development and improvement of project areas near military installations throughout the State.

Heber Valley Historic Railroad Authority – This Authority is an independent state agency that maintains and operates a scenic and historic railroad in and around the Heber Valley. The Authority issues a separate publicly available compilation report.

Utah Inland Port Authority – This Authority is an independent, nonprofit corporation whose purpose is to facilitate the development of the authority jurisdictional land to maximize the long-term economic and other benefit for the State. The Authority does not issue separate financial statements.

Fiduciary Component Units

Utah Retirement Systems (URS) (pension trust and defined contribution plans) – URS administers pension funds for various public employee retirement systems and plans of the State and its political subdivisions. URS is an independent state agency subject to legislative and executive department budgetary examination and comment. The Utah State Retirement Board, a seven-member board, is established by statute to administer the systems and plans, and to serve as investment trustees of the funds. Six members are appointed by the State with the advice and consent of the Senate, while the State Treasurer serves as the seventh member. Because of the State’s trustee responsibilities for these systems and plans, GAAP requires them to be reported as pension trust funds of the primary government rather than discrete component units.

Utah Educational Savings Plan Trust, dba my529 (Private Purpose Trust Fund) – This trust is a non-profit, self-supporting entity that was created as a means to encourage investment in a public trust to pay for future higher education costs. It is administered by the Utah State Board of Regents acting in its capacity as the Utah Higher Education Assistance Authority. Because of the State’s trustee responsibilities for this plan, GAAP requires it to be reported as a private purpose trust fund of the primary government rather than a discrete component unit.

In accordance with GAAP, fiduciary funds and discretely presented component units that are fiduciary in nature are excluded from the government-wide financial statements.

Related Organization (Excluded from Financial Statements)

Utah Housing Corporation (UHC) – UHC is a statutorily created public corporation. UHC issues bonds to provide capital for housing and home mortgages, especially for low and moderate-income families. Although the Governor appoints eight of the nine members of the governing board, and the ninth member is the State Treasurer, the State does not have the ability to impose its will on UHC since board members can only be removed for cause. UHC does not provide specific financial benefits to, or impose specific financial burdens on the State.

B. Government-wide and Fund Financial Statements

Government-wide Financial Statements

The Statement of Net Position and Statement of Activities report information on all nonfiduciary activities of the primary government and its discrete component units. Primary government activities are distinguished between governmental and business-type activities. Governmental activities generally are financed through taxes, intergovernmental revenues, and other nonexchange revenues. Business-type activities are financed in whole or in part by fees charged to external parties for goods or services.

The Statement of Net Position presents the reporting entity’s nonfiduciary assets, deferred outflows of resources, liabilities, and deferred inflows of resources, with the difference reported as net position. Net position is restricted when there are constraints either externally imposed or imposed by constitutional provisions or enabling legislation.

The Statement of Activities demonstrates the degree to which the direct expenses of a given activity or segment are offset by program revenues. Direct expenses are those that are clearly identifiable within a specific activity. The State does not allocate general government (indirect) expenses to other activities. Program revenues include: (1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given activity; and (2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular activity. Taxes and other revenues not meeting the definition of program revenues are reported as general revenues.

Fund Financial Statements

Separate financial statements are provided for governmental funds, proprietary funds, and fiduciary funds, even though the latter are excluded from the government-wide statements. For governmental and proprietary fund financial statements, the emphasis is on major individual governmental and enterprise funds, with each displayed in a separate column. All remaining governmental and enterprise funds are aggregated and reported as nonmajor funds. Internal
state of utah notes to the financial statements fiscal year ended june 30, 2019

service funds are also aggregated and reported in a separate column on the proprietary fund financial statements.

c. measurement focus, basis of accounting, and financial statement presentation

government-wide financial statements

the government-wide financial statements are prepared using the economic resources measurement focus and the modified accrual basis of accounting. revenues are recorded when earned and expenses are recorded when the related liability is incurred, regardless of the timing of the cash flows. nonexchange transactions in which the state receives value without directly giving equal value in exchange include taxes, grants, and donations. tax revenue is recognized in the fiscal year in which the related sales, wages, or activity being taxed occurred. revenue from grants and donations is recognized in the fiscal year in which all eligibility requirements have been met.

governmental fund financial statements

the governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. revenues are recognized as soon as they are both measurable and available. revenues are considered to be available when they are collected within the current period or expected to be collected soon enough thereafter to pay liabilities of the current period. for this purpose, the state generally considers taxes and other revenues to be available if the revenues are collected within 45 days after yearend. an exception to this policy is federal grant revenues, which generally are considered to be available if collection is expected within 12 months after yearend.

expenditures are generally recorded when the related liability is incurred, as under the accrual basis of accounting. however, expenditures for principal and interest on long-term debt are recorded when due or when amounts have been accumulated in the debt service fund for payment of interest to be made early in the following year. also, expenditures and related liabilities for compensated absences and claims and judgments are recorded only to the extent they have matured (i.e., come due for payment).

major governmental funds – the state reports the following major governmental funds:

• general fund. this fund is the principal operating fund of the state. it accounts for all financial resources not accounted for and reported in another fund.
• education fund. this special revenue fund accounts for all corporate taxes, income taxes, and revenues from taxes on intangible property that support public and higher education. specific revenues that support public elementary and secondary schools in the state are also reported in the education fund.
• transportation fund. this special revenue fund accounts for dedicated highway user taxes, fees, and federal funds associated with construction, maintenance, and repair of state highways and local roads.
• transportation investment fund. this capital projects fund accounts for vehicle registration fees, sales and use taxes, bond proceeds, and federal funds used in the construction and reconstruction of specific highway projects. projects designated for the transportation investment capacity program are accounted for in this fund.
• trust lands fund. this is a permanent fund that accounts for investment earnings, land grants, and the sale of lands received from the federal enabling act. the principal in the fund is perpetual, with the earnings used primarily to support public education. the utah constitution allows all investment earnings of the permanent fund to be distributed, limited to four percent of the fund (calculation described in statute). the utah school and institutional trust lands administration (sitla) and the school and institutional trust fund office (sitfo) manage the assets of the trust. sitfo issued separate audited statements for the investments they manage.

nonmajor governmental funds – the state’s nonmajor governmental funds include special revenue funds, capital projects funds, and debt service funds. the nonmajor special revenue funds account for specific revenue sources that are restricted or committed to expenditures for specific purposes. examples include tobacco settlement monies, environmental activities, crime victim reparations, debt collections, and rural development programs. the capital projects funds account for resources used for capital outlays, including the acquisition, construction, or improvement of capital facilities other than those financed by the transportation investment fund, proprietary funds, or assets held in trust. the debt service funds account for resources used for the payment of principal and interest on general long-term debt obligations.

proprietary fund financial statements

the financial statements of the proprietary funds are reported using the economic resources measurement focus and the accrual basis of accounting, similar to the government-wide financial statements described previously. proprietary funds include both enterprise and internal service fund types. enterprise funds report the activities for which fees are charged to external users for goods or services. internal service funds account for goods and services provided primarily to other agencies or funds of the state, rather than to the general public.

proprietary funds distinguish operating revenues and expenses from non-operating. operating revenues and expenses generally result from providing services, and producing and delivering goods in connection with a proprietary fund’s principal ongoing operations. revenues and expenses not meeting this definition, such as subsidies and investment earnings, are reported as non-operating.

major enterprise funds – the state reports the following major enterprise funds in its proprietary fund statements:

• student assistance programs. these programs guarantee the repayment of student loans made by participating lenders to eligible borrowers and service outstanding student loans.
• unemployment compensation fund. this fund pays claims for unemployment to eligible recipients.
• water loan programs. these programs provide loans to local governments, water districts, and other entities for the purpose of upgrading water storage facilities and other related structures.
• community impact loan fund. this fund provides loans to local governments to alleviate the social, economic, and public financial impacts resulting from the development of the state’s natural resources. this fund also provides oversight of loans and loan guarantees from federal funds to small businesses under the small business credit initiative.

nonmajor enterprise funds – the state’s nonmajor enterprise funds include loan programs for low-income housing, agricultural, energy efficiency, and local government; alcoholic beverage control (state liquor stores); utah correctional industries; state trust lands administration; the utah dairy commission; and medical cannabis funds.
Internal Service Funds – The State reports the internal service fund type in the proprietary funds statements. The activities accounted for in internal service funds include technology services, general services, fleet operations, risk management, property management, human resource management, and attorney general legal services. In the government-wide financial statements, internal service funds are included with governmental activities.

Fiduciary Fund Financial Statements

The fiduciary funds account for assets held by the State in a trustee capacity, or as an agent for other individuals or organizations. The fiduciary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. The following fiduciary fund types are reported:

Pension and Other Employee Benefit Trust Funds – These funds account for the plan assets, deferred outflows of resources, liabilities, deferred inflows of resources, net position, and changes in net position of: (1) defined benefit pension plans and defined contribution plans administered by Utah Retirement Systems; (2) the Post-Retirement Benefits Trust Funds, defined benefit other postemployment health care plans administered by the State for state employees and elected officials; and (3) Other Employee Benefits Trust Fund used to separately account and report assets dedicated for employee benefits other than postemployment healthcare benefits that are administered through the Post-Retirement Benefits Trust Funds.

Investment Trust Fund – This fund is used to account for the investments related to external participants in the Utah State Public Treasurers’ Investment Fund.

Private Purpose Trust Funds – These funds report resources of all other trust arrangements in which principal and income benefit individuals, private organizations, or other governments. Examples include the Utah Navajo Trust Fund, Unclaimed Property Trust, Employers’ Reinsurance Trust, Petroleum Storage Tank Trust, and the Utah Educational Savings Plan Trust.

Agency Funds – These funds account for assets held by the State as an agent for other governmental units, other organizations, or individuals. These funds include fines, forfeitures, tax collections, and withholding taxes for employees.

Discrete Component Unit Financial Statements

The combining discrete component unit financial statements are presented in order to provide information on each of the major discrete component units included in the discrete component unit’s column of the government-wide statements. The discrete component unit financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. The information is presented in order to be consistent with the government-wide statements and is less detailed than the presentation in each discrete component unit’s separately issued financial statements.

D. Fiscal Yearends

All funds and discretely presented component units are reported using fiscal years which end on June 30, except the defined benefit pension plans and defined contribution plans (fiduciary funds) administered by Utah Retirement Systems, and Public Employees Health Program (major discrete component unit), Utah Transit Authority (major discrete component unit), Utah State Fair Corporation (nonmajor discrete component unit), and Utah Dairy Commission (nonmajor enterprise fund), which have fiscal years ending December 31.

E. Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources, and Net Position/Fund Balances

Cash and Cash Equivalents and Investments

Cash equivalents are generally considered short-term, highly liquid investments with a maturity of three months or less from the purchase date. The Student Assistance Programs (major enterprise fund) use a trustee for their long-term investing needs, and they consider any cash and cash equivalents held by their trustee as investments.

All cash deposited with the State Treasurer by state entities is maintained by the Treasurer in various pooled investment funds. The State Treasurer invests the deposited cash, including the cash float, in short-term securities and other investments. All interest revenue is allocated to the General Fund unless state law or trust agreements require allocations of interest to other funds. Funds authorized to receive interest earnings are segregated into separate investment pools, and interest is allocated based on cash balances in the pool.

Investments (including cash equivalents) are under the control of the State Treasurer or other administrative bodies as determined by law. In certain instances, investments may be restricted by law or other legal instruments. Investments are presented at fair value. Accordingly, the change in fair value of investments is recognized as an increase or decrease to investment assets and investment income. The fair value measurements of investments is based on the hierarchy established by generally accepted accounting principles. The fair value hierarchy, which has three levels, is based on the valuation inputs used to measure an asset’s fair value: Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant observable inputs; Level 3 inputs are significant unobservable inputs. Also certain investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy. The Trust Lands Fund (permanent fund) invests in both open and closed end real estate funds that issue quarterly account statements and the fair value of the investments is based upon the Fund’s ownership interest in partners’ capital.

The State’s Unemployment Compensation Fund (major enterprise fund) monies are required by the Social Security Act to be invested in the U.S. Department of Treasury, Bureau of Public Debt Unemployment Trust Fund (BPDUTF), which is not registered with the SEC. The fair value of the position in the BPDUTF is the same as the value of the BPDUTF shares.

Utah Retirement Systems (pension trust and defined contribution plans) had five types of derivative instruments at yearend: futures, currency forwards, options, swaps, and Synthetic Guaranteed Investment Contracts. Futures contracts are traded on organized exchanges to minimize credit risk. Currency forwards are entered into in order to hedge the exposure to changes in foreign currency exchange rates on foreign currency denominated portfolio holdings. Options give the right, but not the obligation, to buy (call) or sell (put) an asset at a preset price over a specified period. Interest rate swap agreements are entered into in an attempt to manage their exposure to interest rate risk. Interest rate risk represents the exposure to fair value losses arising from the future changes in prevailing market interest rates. Synthetic Guaranteed Investment Contracts are available to members in the Utah Retirement Systems Defined Contribution Plans.
The Student Assistance Program (major enterprise fund) entered into an interest rate exchange (swap) agreement relating to some of its student loan revenue bonds. The Student Assistance Program accounts for the swap agreement as a fair value hedging derivative instrument to create a variable rate cost of funds that will be lower than the variable rate cost achievable in the cash bond market. See Note 3 for additional information about derivative instruments.

Receivables

Accounts receivables in the governmental and business-type activities consist mainly of amounts due from the Federal Government, customers, and others. Receivables from the Federal Government are reasonably assured; accordingly, no allowance for uncollectible accounts has been established.

Notes/mortgages receivables in the governmental and business-type activities are primarily long-term loans for local governments and agricultural development, home mortgages, and individual student loans. The interest rates on the loans vary but are generally lower than market rates and, in some cases, are non-interest-bearing. Student loans in the Student Assistance Programs (business-type activities) are fixed and variable rate federally insured loans. Student loans are insured at 97 to 100 percent of their principal balance depending on the date disbursed.

Receivables for capital lease payments, as reported in the governmental activities, are direct financing capital lease arrangements between State Building Ownership Authority (blended component unit) and certain College and Universities (discrete component units). The capital lease receivable is reported net and represents the sum of the future minimum lease payments to be received, less any executory costs and any unearned interest revenue on the capital lease. Receivables from the discrete component unit are reasonably assured; accordingly, no allowance for uncollectible accounts has been established.

Accrued taxes include receivables for taxpayer-assessed taxes where the underlying exchange has occurred in the period ending June 30, or prior and is presented net of applicable estimated refunds and allowances.

Note 5 provides a disaggregation of governmental and business-type receivables, including a breakout of current/noncurrent balances and established allowances.

Inventories, Prepaid Items, and Other Assets

Proprietary funds’ and discrete component units’ inventories are valued at the lower of cost or market. Cost evaluation methods include first-in-first-out (FIFO), last-in-first-out (LIFO), average cost, weighted average, weighted moving average, and retail inventory method.

Governmental fund consumable items are recorded as expenditures when purchased except for General Fund state park merchandise inventories and Transportation Fund road material inventories. General Fund state park merchandise inventories held for resale are valued at lower of cost or market and Transportation Fund inventories used in road construction are valued using a weighted average cost.

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in both the government-wide and fund financial statements. The cost of prepaid items is recorded as expenditures/expenses when consumed rather than when purchased.

Other Assets, as reported on the Statement of Net Position, governmental activities column, include assets of the Trust Lands Fund (permanent fund) acquired under the 1894 Utah Enabling Act that are not considered investments. The net pension asset and the net other postemployment benefit asset are also reported as other assets.

Capital Assets

Capital assets, which include land and related assets, buildings, equipment, intangible assets (software), and infrastructure (roads, bridges, drainage systems, lighting systems, and similar items), are reported in the applicable governmental or business-type activities columns, or in the component units column on the government-wide Statement of Net Position. Capital assets of proprietary funds and fiduciary funds are also recorded in their respective fund statements. Capital assets, with the exception of infrastructure and internally generated software (funded with nonfederal resources), are defined by the State as assets, which cost $5 thousand or more when acquired and have an estimated useful life greater than one year. Infrastructure assets are capitalized if the cost is over $1 million. Internally generated software, funded with nonfederal resources, is capitalized if the cost is over $500 thousand. Purchased or constructed capital assets are recorded at cost or at estimated historical cost where historical cost is not available. Donated capital assets are reported at acquisition value as of their acquisition date.

Capital assets purchased by governmental funds are recorded as expenditures in the governmental fund financial statements. Interest expense for capital asset construction related to governmental activities is not capitalized. Interest expense incurred during construction of capital facilities related to business-type activities and discrete component units is immaterial and is not capitalized in all cases.

Buildings, equipment, and other assets are depreciated or amortized using the straight-line method over the following estimated useful lives:

<table>
<thead>
<tr>
<th>Asset Class</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment/Software</td>
<td>3-15</td>
</tr>
<tr>
<td>Aircraft and Heavy Equipment</td>
<td>5-30</td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>30-40</td>
</tr>
<tr>
<td>Land Improvements</td>
<td>5-20</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>15-80</td>
</tr>
</tbody>
</table>

As provided by GASB standards, the State has elected to use the “modified approach” to account for infrastructure assets (i.e., roads and bridges) maintained by the State’s Department of Transportation. This includes infrastructure acquired prior to fiscal year 1981. Under this approach, depreciation expense is not recorded and only improvements that increase the capacity or efficiency of an infrastructure asset are capitalized. Using this approach requires the State to: (1) maintain an inventory of the assets and perform periodic condition assessments; (2) estimate each year the annual amount to maintain and preserve the assets at the condition level set by the State; and (3) document that the assets are being preserved approximately at, or above the condition level set by the State. Other infrastructure, which is primarily maintained by the Department of Natural Resources, is capitalized and depreciated.

Most works of art and historical treasures of the primary government are not capitalized or depreciated. These assets are held for public exhibition, education, or research rather than financial gain. These assets are also protected, unencumbered, preserved, and subject to policies requiring the proceeds from sales of collection items to be used to acquire other collection items. The State’s assets of this
nature include the State Fine Art Collection, photographs, prints, paintings, historical documents and artifacts, monuments, statues, and paleontological and archaeological collections. See Note 8 for additional information about capital assets.

Deferred Outflows of Resources

Deferred outflow of resources represents a consumption of net position by the government that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. Deferred outflows of resources are reported in the applicable governmental or business-type activities columns, or in the component units column on the government-wide Statement of Net Position. See Note 11 for a disaggregation of deferred outflows. Deferred outflows of resources of governmental funds, proprietary funds, and discrete component units are reported in detail in their respective fund statements.

Accrued Liabilities

Accrued liabilities include the liability for employee payrolls and liabilities accruing over time where demand for payment is due shortly after fiscal yearend. See Note 6 for additional information about accrued liabilities.

Unearned Revenue

In the government-wide statements, governmental fund statements, proprietary fund statements, and fiduciary fund statements, unearned revenue is recorded when cash or other assets are received prior to being earned.

Policy Claims Liabilities

Policy claims liabilities are for insurance claims incurred prior to the reporting date and are based on actuarial estimates; however, policy claims liabilities for Unemployment Insurance are for claims filed as of the reporting date. A substantial portion of policy claims liabilities is long-term in nature. Therefore, claims liabilities are reported as long-term liabilities on the Statement of Net Position. See Note 10 for additional information about policy claims liabilities.

Long-term Debt

Long-term debt, such as the net pension liability (NPL), net OPEB liability (NOL), revenue bonds, claims, contracts and notes payable, directly related to and intended to be paid from proprietary funds or discretely presented component units is included in the accounts of such funds. All other long-term debt, such as the compensated absences, claim or settlement obligations, pollution remediation obligations, general obligation bonds, and lease revenue bonds (and remaining NPL and NOL liabilities not allocated to proprietary funds or discretely presented component units), is reported in the government-wide financial statements. Bond premiums and discounts are amortized over the life of the bonds using the bonds outstanding method or straight-line method, which approximates the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are recognized during the current period.

In the governmental fund financial statements, long-term debt is recognized when due or expected to be financed from current expendable available financial resources. Amortization of bond premiums and discounts, as well as bond issuance costs, are recognized during the current period. The face amount of debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing sources, while discounts on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as debt service expenditures.

The Tax Reform Act of 1986 requires governmental entities issuing tax-exempt bonds to refund to the U.S. Treasury interest earnings on bond proceeds in excess of the yield on those bonds. Governmental entities must comply with arbitrage rebate requirements in order for their bonds to maintain tax-exempt status. Entities are required to remit arbitrage rebate payments for non-purpose interest to the federal government at least once every five years over the life of the bonds. Federal regulations also require the Student Assistance Programs (major enterprise fund) to keep the yield on student loans within a designated percentage of the interest cost of the related tax-exempt borrowing. One method of reducing this yield is to make yield reduction payments to the United States Treasury. Estimated yield reduction payments may be made by the end of the tenth year and every fifth year thereafter during the life of the bonds. Some State of Utah bonds may be exempt from the rebate requirements if they meet certain statutory exceptions per the regulations. At June 30, 2019, there was no liability for yield reduction payments or for non-purpose interest arbitrage rebate in Student Assistance Programs’.

Arbitrage liability is treated as an expense in the government-wide Statement of Net Position and the proprietary fund financial statements when the liability is recognized. Arbitrage liability is recorded as an expenditure in the governmental fund financial statements when the liability is due. Other arbitrage liabilities are immaterial.

Compensated Absences

For most employees vacation leave is accrued at a rate of four hours every two weeks for the first five years of employment, and grows to a rate of seven hours every two weeks after 20 years of employment. There is no requirement to use vacation leave, but a maximum of 320 hours may be carried forward at the beginning of each calendar year. The State established the State Employees’ Annual Leave Trust Fund (other employee benefit trust funds) where any unused vacation leave is paid to employees upon termination. The ongoing termination payments from the Trust Fund are provided by charges to agency budgets as benefits are earned. Vacation leave taken as time off is paid from current budgets when used.

Most employees earn sick leave at a rate of four hours for each two-week period, with no limit to the amount that can be accumulated. The State does not reimburse employees for unused sick leave upon termination unless the leave was earned prior to January 4, 2014, and employees had the option under certain circumstances to “convert” sick leave. Employees may use converted sick leave in place of vacation leave. Any unused converted sick is paid to employees upon termination. Sick leave is expended when used.

At retirement, for participating agencies, an employee receives 25 percent of the value of all unused accumulated sick leave, earned prior to January 4, 2014, as a mandatory employer contribution into a 401(k) account. Each day of remaining sick leave earned prior to January 1, 2006, may be used to participate in the State Employee Other Postemployment Benefit Plan (State Employee OPEB Plan), to purchase health and life insurance coverage or Medicare supplemental insurance. See Note 19 for additional information about the State Employee OPEB Plan.

Any remaining sick leave earned on or after January 1, 2006, but before January 4, 2014, is converted to a value (based on the higher of the employee’s rate of pay at retirement or the average pay rate of retirees in the previous year) and placed in a Health Reimbursement Arrangement administered by Public Employees Health Plan. Any payouts by the State of converted sick leave upon termination, contributions into a 401(k) account, or Health Reimbursement Arrangement upon retirement, are paid from the
Other Employee Benefits Trust Fund. The ongoing termination payments from the Trust Fund are provided by charges to agency budgets.

Proprietary funds, Utah Schools for the Deaf and the Blind, and private purpose trust funds of the primary government also participate in the compensated absences and have no liability for leave benefits once their contributions have been made. The total liability of the governmental activities for compensated absences is recorded in the government-wide Statement of Net Position as part of long-term liabilities. However, in accordance with GAAP, the liability is not recorded in the governmental fund financial statements. See Note 10 for additional information about the liability.

Compensatory time for overtime worked may be earned up to a maximum of 80 hours. Any overtime exceeding 80 hours is paid when earned. In accordance with GAAP, compensatory time is expended when used. Sick leave is expended when taken in governmental funds, but is expensed when earned for budgetary purposes.

Compensation time for overtime worked may be earned up to a maximum of 80 hours. Any overtime exceeding 80 hours is paid when earned. In accordance with GAAP, compensatory time is expended when used. Sick leave is expended when taken in governmental funds, but is expensed when earned for budgetary purposes.

Vacation earnings, sick leave earnings, and termination policies vary among discrete component units and from the primary government’s policies, but usually vacation leave is expended when earned and sick leave is expended when used.

Pensions
For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Utah Retirement Systems Pension Plan (URS) and additions to/ deductions from URS’s fiduciary net position have been determined on the same basis as they are reported by URS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. The primary government’s proportionate share of pension amounts were further allocated to proprietary funds (business-type activities) based on the amount of employer contributions paid by each proprietary fund. Pension investments are reported at fair value.

Postemployment Benefits Other than Pensions (OPEB)
For purposes of measuring the net OPEB liability, deferred outflows/inflows of resources and expenses, information about the fiduciary net positions of the State Employee Other Postemployment Benefit Plan and the Elected Official OPEB Plan (Plans) and additions to/ deductions from the Plans’ fiduciary net positions have been determined on the same basis as they are reported by the Plans. For this purpose, the Plans recognize benefit payments when due and payable in accordance with the benefit terms. The Plans’ proportionate share of OPEB amounts were further allocated to proprietary funds (business-type activities) based on the amount of employer contributions paid by each proprietary fund. OPEB investments for the Plans are reported at fair value.

Deferred Inflows of Resources
Deferred inflows of resources represent an acquisition of net position that applies to a future period, and so will not be recognized as an inflow of resources (revenue) until that time. Deferred inflows of resources are reported in the applicable governmental or business-type activities columns or in the component units column on the government-wide Statement of Net Position. See Note 11 for a disaggregation of deferred inflows. Deferred inflows of resources of governmental funds, proprietary funds, and discrete component units are reported in detail in their respective fund statements.

Net Position/Fund Balances
The difference between assets, deferred outflows of resources, liabilities, and deferred inflows of resources is “Net Position” on the government-wide, proprietary fund, and fiduciary fund financial statements and “Fund Balance” on the governmental fund financial statements.

In the governmental fund financial statements, fund balances are classified as nonspendable, restricted, or unrestricted (committed, assigned, or unassigned). Restricted balances represent those portions of fund balance where constraints placed on the resources are either externally imposed or imposed by law through constitutional provisions or enabling legislation. Committed fund balance represents amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the Legislature, such as dedicated revenues or legislation. Assigned fund balance is constrained by the Legislature’s intent to be used for specific purposes, by directive of the Executive Appropriations Committee of the Legislature or in some cases by legislation. See Note 12 for additional information about fund balances.

The State maintains three stabilization accounts: (1) the General Fund Budget Reserve Account in the General Fund (the “Rainy Day Fund”) reported as committed fund balance; (2) the Medicaid Growth Reduction and Budget Stabilization Restricted Account in the General Fund ("the Medicaid Budget Stabilization Account") reported as committed fund balance; and (3) the Education Budget Reserve Account in the Education Fund ("the Education Reserve") reported as restricted fund balance. These resources of these accounts may only be expended when specific non-routine budget shortfalls occur and upon appropriation by the Legislature.

Statutorily, the State established a minimum fund balance policy for the Disaster Recovery Restricted Account and the Local Government Emergency Response Loan Fund. Both these funds may issue loans for specific emergencies as long as a minimum fund balance is maintained in the funds. See Note 12 for additional information about the stabilization accounts and funds with a statutory minimum fund balance requirement.

F. Restricted and Unrestricted Resources
When an expenditure/expense is incurred for purposes for which both restricted and unrestricted resources are available, it is the State's general policy to use restricted resources first. When expenditures/expenses are incurred for purposes for which unrestricted (committed, assigned, and unassigned) resources are available, and amounts in any of these unrestricted classifications could be used, it is the State’s general policy to spend committed resources first. However, the State has some programs that are funded by appropriations from both unrestricted and resources required by law to be deposited in a specific fund for a specific purpose (which may include restricted resources and unrestricted-committed resources). In those instances, it is the State’s policy to expend those resources proportionally based on the amounts appropriated from each source.

Grants
Federal grants and assistance awards made on the basis of entitlement periods are recorded as revenues when entitlement occurs. All federal reimbursement-type grants are recorded as revenues when the related allowable expenditures are incurred and all applicable eligibility requirements are met.

Federal grants include nonmonetary transactions for food and vaccine commodities. Commodity revenues and expenditures are valued at their federally reported value. Commodity inventories at
yearend are immaterial. For the fiscal year ended June 30, 2019, the State reported revenues and expenditures of $26.108 million for commodities in the General Fund, and $17.116 million for commodities in the Education Fund (special revenue fund).

**Investment Income**

Investment income includes interest, dividends and other earnings, and the change in fair value of investments. Negative investment income is reported where the decrease in the fair value of investments due to market conditions exceeded the other components of investment income.

In accordance with state law, interest and dividend income from the State Endowment Fund (nonmajor governmental fund) is assigned to and reported directly in the General Fund. A portion of the applicable income reported in the General Fund is then transferred into the State Endowment Fund to increase the principal in the fund as required by state law. The State Endowment Fund generated $5.942 million of cash investment earnings, of which $3.753 million was reported in the General Fund and $2.189 million was reported in the State Endowment Fund.

**G. Interfund Transactions**

**Government-wide Financial Statements**

**Interfund Activity** – In general, eliminations have been made to minimize the double counting of internal activity, including internal service fund type activity. However, interfund services, provided and used between different functional categories, have not been eliminated in order to avoid distorting the direct costs and program revenues of the applicable functions. Transfers between governmental and business-type activities are reported at the net amount.

**Interfund Balances** – Interfund receivables and payables have been eliminated from the government-wide Statement of Net Position, except for the residual amounts due between governmental and business-type activities.

**Governmental Fund Financial Statements**

**Interfund Activity** – Interfund transactions for goods sold or services rendered for a price approximating their external exchange value, and employee benefit contributions are accounted for as revenues and expenditures/expenses in the funds involved.

Transfers are used to report flows of cash (or other assets) between funds without equivalent flows of assets in return or a requirement for repayment. The State’s transfers are based on legislative appropriations or other legal authority. Transfers are presented in Note 14.

**NOTE 2. BEGINNING NET POSITION ADJUSTMENTS AND OTHER CHANGES**

For the fiscal year ended June 30, 2019, the State implemented the following new accounting standards issued by the Governmental Accounting Standards Board (GASB):

- GASB Statement 83, Certain Asset Retirement Obligations.
- GASB Statement 88, Certain Disclosures Related to Debt, Including Direct Borrowings and Direct Placements.

**GASB Statement 83** – This Statement addresses accounting and financial reporting for certain asset retirement obligations. For the purposes of this statement, an asset retirement obligation is a legally enforceable liability associated with the future sale, abandonment recycling, or disposal of a tangible capital asset. This Statement requires the recognition of a liability and a corresponding deferred outflows of resources when the obligation is both incurred and reasonably estimable. The measurement of the liability is based on the best estimate of the current value of outlays expected to be incurred to retire the asset. Neither the primary government nor its discrete component units had any significant asset retirement obligations in fiscal year 2019.

**GASB Statement 88** – This Statement defines debt for purposes of disclosure in notes to financial statements and clarifies which liabilities governments should include when disclosing information related to debt, including direct borrowings and direct placements. This Statement also requires a more comprehensive footnote disclosure related to debt, including that existing and additional information be provided separately for direct borrowings and direct placements of debt. Changes were made to debt disclosures presented in Note 9 and 10.A to reflect the new requirements of this Statement.

During the 2018 General Session the Legislature passed Senate Bill 136, modifying the governance structure of the Utah Transit Authority (UTA), creating a governing board appointed by the Governor. Members of the board serve at the will of the Governor. UTA was incorporated in 1970 as a Utah Public Transit District and is legally separate from the State of Utah. With the change in governance, and in accordance with GASB standards, since the State can impose its will on UTA through the organization of the governing board, UTA is now included as part of the reporting entity of the State of Utah as a major discrete component unit. This resulted in an increase of component unit net position restricted for transit services of $993.677 million reflected in the government-wide Statement of Activities – Component Units.

During fiscal year 2019, it was discovered that land improvements associated with land sold in previous years from the Trust Lands Permanent Fund had not been removed from the State’s financial records. As a result, the beginning fund balance of the Permanent Fund was reduced by $15.469 million to reflect the sales of the land improvements as reflected in the Balance Sheet – Governmental Funds.

The Office of the Attorney General, included as part of the General Fund, began in fiscal year 2019 recording a portion of payroll costs and charges for its services in the Attorney General Legal Services Fund, an Internal Service Fund established during the 2016 General Session. As a result, the Internal Service Fund was allocated a proportionate share of the State’s Net Pension and OPEB liabilities in accordance with GASB Statements 68 and 75. This resulted in a reduction of the fund’s beginning net position of $11.046 million as reflected on the Statement of Revenues, Expenses, and Changes in Fund Net Position – Proprietary Funds.

For the year ended June 30, 2019, the University of Utah (major component unit) made adjustments which decreased beginning net position on the Combining Statement of Activities – University of Utah by a combined $65.700 million. Certain construction projects totaling $46.200 million were determined to be non-capital and removed from construction-in-progress. Additionally, a $19.500 million pledge receivable from the prior fiscal year was removed due to contingencies identified in the pledge agreement.

**Other Adjustments and Changes**

During calendar year 2018, the Utah Transit Authority (major component unit) evaluated its capital assets and the associated
accumulated depreciation of those assets which resulted in changes to the useful lives of all categories of assets. The new useful lives reflect the changing understanding of how long a transit asset is lasting after a decade of running service in the northern Utah environment. This change in accounting estimate resulted in a decrease in current year depreciation of $68.876 million and a decrease of accumulated depreciation of $57.256 million.

NOTE 3. DEPOSITS AND INVESTMENTS

Deposits and investments for the primary government and its discrete component units are governed by the Utah Money Management Act (Title 51, Chapter 7 of the Utah Code) and rules of the State Money Management Council. However, the Act also exempts certain funds that have a long time horizon to make investments of a long-term nature, such as equities and bond mutual funds. In the primary government these are the Trust Lands (permanent fund), State Endowment (nonmajor special revenue fund), Utah Navajo Trust (private purpose trust), Employers’ Reinsurance Trust (private purpose trust), Utah Educational Savings Plan Trust (private purpose trust), Pension Trust Funds (fiduciary funds), Post-Retirement Benefits Trust Funds (fiduciary funds), and Other Employee Benefits Trust Funds (fiduciary funds). The discrete component units exempt from the Act are Public Employees Health Program and the Colleges’ and Universities’ endowment funds.

A. Primary Government

Custodial Credit Risk – Deposits

The custodial credit risk for deposits is the risk that in the event of a bank failure, the State’s deposits may not be recovered. The Money Management Act (Act) requires that deposits be in a qualified depository. The Act defines a qualified depository as any financial institution whose deposits are insured by an agency of the federal government and that has been certified by the State Commissioner of Financial Institutions as having met the requirements of the Act and adhering to the rules of the State Money Management Council.

Deposits with qualified depository institutions in excess of Federal Deposit Insurance Corporation (FDIC) insurance limits are uninsured and uncollateralized. Deposits are neither collateralized nor are they required to be by State statute. The deposits for the primary government at June 30, 2019, including those of Utah Retirement Systems (URS) (pension trust and defined contribution plans) and Trust Lands (permanent fund), were $1.679 billion. These deposits are exposed to custodial credit risk as follows:

- $150.286 million were exposed to custodial credit risk as uninsured and uncollateralized.
- Exposure to custodial credit risk cannot be determined for $1.515 billion of the primary government deposits, which are in FDIC-insured accounts that are held in trust by Utah Educational Savings Plan Trust (private purpose trust fund) at two banks. Funds in the FDIC-insured accounts are insured on a pass-through basis to each account owner at each bank up to $250 thousand. The amount of FDIC insurance provided to an account owner is based on the total of (1) the value of an account owner’s investment in the FDIC-insured account at each bank plus, (2) the value of other accounts held (if any) at each bank, as determined by the banks and by FDIC regulations. It is the account owner’s responsibility to determine how investments in the FDIC-insured accounts would be aggregated with other investments at the banks for purposes of FDIC insurance coverage.

Investments

The Money Management Act defines the types of securities authorized as appropriate investments and the conditions for making investment transactions. Public treasurers conduct investment transactions through qualified depositories, certified dealers, or directly with issuers of the investment securities. The Utah State Treasurer is exempt from the requirement to conduct investment transactions through a certified dealer.

The Act authorizes investments in negotiable or nonnegotiable deposits of qualified depositories and permitted depositories; repurchase and reverse repurchase agreements; commercial paper that is classified as “first tier” by two nationally recognized statistical rating organizations; bankers’ acceptances; obligations of the United States Treasury including bills, notes, and bonds; obligations, other than mortgage derivative instruments, issued by U.S. government-sponsored enterprises (U.S. Agencies), such as the Federal Home Loan Bank System, Federal Home Loan Mortgage Corporation (Freddie Mac), and Federal National Mortgage Association (Fannie Mae); bonds, notes, and other evidence of indebtedness of political subdivisions of the State; fixed-rate corporate obligations and variable rate securities rated “A” or higher, or the equivalent of “A” or higher, by two nationally recognized statistical rating organizations; shares or certificates in a money market mutual fund as defined in the Money Management Act; the Utah Public Treasurers’ Investment Fund; negotiable brokered certificates of deposit and reciprocal deposits subject to rules of the State Money Management Council.

The Utah Educational Savings Plan Trust (private purpose trust) is permitted to invest in the Utah Public Treasurers’ Investment Fund; mutual funds, securities, or other investments registered with the United States Securities and Exchange Commission; federally insured depository institutions; stable value products, including guaranteed investment contracts, guaranteed interest contracts, and guaranteed insurance contracts; and any investments that are determined by the board of directors of the Utah Educational Savings Plan to be appropriate and that would be authorized under the provisions of the Money Management Act or Rule 2 of the State Money Management Council.

The Pension Trust Funds (fiduciary funds) administered by Utah Retirement Systems are governed by a seven-member Utah State Retirement Board (Board). The Board has statutory authority to pool pension assets in the Utah Retirement Investment Fund (Fund). Statutes also establish that this Fund will be invested in accordance with the “prudent person rule.”

The Trust Lands Fund (permanent fund) is governed by a five-member School and Institutional Trust Fund Board of Trustees (Board). The Board has statutory authority to establish policies and investment philosophy for the management of the permanent fund assets consistent with the enabling act, the Utah Constitution, and other applicable state law. These are to optimize returns and increase the value of the permanent fund following the “prudent person rule.”

The following funds are exempt from the Money Management Act where the State Treasurer is responsible for investing with the primary goal of providing for the stability, income, and growth of principal following the “prudent person rule”: State Endowment Fund (nonmajor special revenue fund), Post-Retirement Benefits Trust Funds and Other Employee Benefits Trust Funds (fiduciary funds), and Utah Navajo Trust and Employers’ Reinsurance Trust (private purpose trust funds).
The primary government’s investments at June 30, 2019, are presented below except those of the Pension Trust Funds administered by Utah Retirement Systems (URS) (fiduciary funds) and the Trust Lands Fund (permanent fund). The investments are presented at fair value and by investment type with debt securities presented by maturity.

**Note 3.B.** presents the investments of the Pension Trust Funds (fiduciary funds) administered by Utah Retirement Systems (URS). URS investments are presented consistent with their separately issued financial statements by investment type.

**Note 3.C.** presents the investments of the Trust Lands Fund (permanent fund). Trust Lands investments are presented consistent with their separately issued financial statements by investment type.

### Primary Government

#### Investments and Derivative Instruments Measured at Fair Value

(except Utah Retirement Systems and Trust Lands)

| At June 30, 2019 (expressed in thousands) | Fair Value | Fair Value Measurements Using |
| --- | --- | --- | --- |
| **Investments by Fair Value Level** | **Level 1** | **Level 2** | **Level 3** |
| **Debt Securities** | | | |
| U.S. Agencies | $823 | $823 | — | — |
| Corporate Debt | $15,028,926 | — | 15,028,926 | — |
| Money Market Mutual Funds | 533,529 | 533,529 | — | — |
| Commercial Paper | 391,740 | — | 391,740 | — |
| Bond Mutual Funds | 3,472,616 | — | 3,472,616 | — |
| Stable Value Funds | 693,883 | 693,883 | — | — |
| Total Debt Securities | 20,121,517 | 4,700,851 | 15,420,666 | 0 |
| **Equity Securities** | | | |
| Domestic Equity | 7,114,343 | 7,114,343 | — | — |
| International Equity | 2,093,895 | 2,093,895 | — | — |
| Equity Securities | 174 | 174 | — | — |
| Total Equity Securities | 9,208,412 | 9,208,412 | 0 | 0 |
| Total Investments by Fair Value Level | 29,329,929 | 13,909,263 | 15,420,666 | 0 |
| **Investments Measured at the Net Asset Value (NAV)** | | | |
| Private Real Estate | — | — | — | — |
| Total Investments Measured at Fair Value | $29,344,795 | — | — | — |
| **Investment Derivative Instruments** | | | |
| Interest Rate Exchange (swap) | $10,293 | $0 | $0 | $10,293 |

Debt and equity securities classified in Level 1 are valued using prices quoted in active markets for those securities. Other debt securities classified in Level 2 are valued using the following approaches:

- Corporate Bonds and Notes are valued using quoted prices for identical securities in markets that are not active.
- Commercial Paper are valued using quoted prices for identical or similar securities in markets that are not active.

Mutual funds classified in Level 1 are valued using prices provided by the fund company.

The Student Loan Purchase Program (major enterprise fund – student assistance programs) has an interest rate exchange (swap) investment derivative instrument. This investment fair value classification is Level 3. The fair value was calculated using information obtained from generally recognized sources with respect to quotations, reporting of specific transactions and market conditions and based on accepted industry standards and methodologies.

**Investments Measured at the Net Asset Value (NAV)**

The State Endowment (nonmajor governmental fund) and Post-Retirement Benefits Trust (fiduciary funds-pension and other employee benefit trust funds) have an investment in an open-end real estate fund measured at the NAV, with fair values of $7.394 million and $7.473 million, respectively. The fair values of the investments have been determined using the NAV per share (or its equivalent) of the fund’s ownership interest in partners’ capital.

The real estate fund is structured as a limited partnership and invests in commercial real estate located in the United States. The fund invests in income producing properties as well as properties that are near core properties with short-term challenges with the intent to sell to the properties to core funds when the challenges have been addressed. The State Endowment and Post-Retirement Benefits Trust original combined capital commitment of $15 million was fulfilled during fiscal year 2019. The fund allows for quarterly redemptions with 90 days’ notice subject to the discretion of the general partner based upon the funds liquidity position and other factors. If redemption requests are greater than available cash, the redemptions are fulfilled on a pro rata basis each quarter, until all redemption requests have been fulfilled.
The following table presents the debt investments and maturities at June 30, 2019, for the primary government, with the exception of URS and Trust Lands.

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value</th>
<th>1-5</th>
<th>6-10</th>
<th>More Than 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Securities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. Agencies</td>
<td>$823</td>
<td>$823</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporate Debt</td>
<td>15,028,926</td>
<td>15,028,926</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Money Market Mutual Funds</td>
<td>533,529</td>
<td>533,529</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Paper</td>
<td>391,740</td>
<td>391,740</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bond Mutual Funds</td>
<td>3,472,616</td>
<td>61,471</td>
<td>3,325,997</td>
<td>85,148</td>
</tr>
<tr>
<td>Stable Value Funds</td>
<td>693,883</td>
<td>693,883</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>20,121,517</td>
<td>16,709,549</td>
<td>823</td>
<td>3,325,997</td>
</tr>
<tr>
<td>Discrete Component Units Investment in Primary Government’s Investment Pool</td>
<td>$(804,894)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Debt Investments</td>
<td>$19,316,623</td>
<td>$16,709,549</td>
<td>$823</td>
<td>$3,325,997</td>
</tr>
</tbody>
</table>

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment.

The primary government’s policy for managing interest rate risk, with the exception of URS and Trust Lands, is to comply with the Money Management Act. Section 51-7-11 of the Act requires that the remaining term to maturity of investments may not exceed the period of availability of the funds to be invested. The Act further limits the remaining term to maturity on all investments in commercial paper, bankers’ acceptances, fixed-rate negotiable deposits, and fixed-rate corporate obligations to 270 days – 15 months or less. The Act further limits the remaining term to maturity on all investments in obligations of the United States Treasury; obligations issued by U.S. government-sponsored enterprises; and bonds, notes, and other evidence of indebtedness of political subdivisions of the State to five years. In addition, variable rate negotiable deposits and variable rate securities may not have a remaining term to final maturity exceeding three years.

The majority of the primary government’s corporate debt securities are variable-rate securities, which adjust periodically to the prevailing market interest rates. Because these securities frequently reprice, interest rate risk is substantially reduced at each periodic reset date. In the table above, variable-rate securities are presented according to the length of time until the next reset date rather than the stated maturity.

In addition, significant funds with a long-term investment perspective have the following mix of investments (percentages are of the fund’s total investments):

- **Utah Educational Savings Plan Trust (private purpose trust)** – $6.948 billion, 54.65 percent, in domestic equity mutual fund securities; $2.931 billion, 23.06 percent, in bond mutual funds; $2.065 billion, 16.24 percent, in international equity mutual fund securities; $693.883 million, 5.46 percent, in stable value funds; and $74.681 million, 0.59 percent, in the Utah Public Treasurers’ Investment Fund.

- **Post-Retirement Benefits Trust Funds (fiduciary funds), and Other Employee Benefits Trust Funds (fiduciary funds)** – $253.138 million, 76.29 percent, in bond mutual funds; $4.627 million, 1.39 percent, in domestic equity mutual fund securities; $4.021 million, 1.21 percent, in international equity mutual fund securities; $7.473 million, 2.25 percent, in private real estate; and $62.605 million, 18.86 percent, in the Utah Public Treasurers’ Investment Fund.

- **State Endowment Fund (special revenue fund)** – $110.684 million, 47.01 percent, in bond mutual funds; $91.609 million, 38.91 percent, in domestic equity mutual fund securities; $16.517 million, 7.02 percent, in international equity mutual fund securities; $7.393 million, 3.14 percent, in private real estate; and $9.230 million, 3.92 percent, in the Utah Public Treasurers’ Investment Fund.

- **Student Assistance Programs (major enterprise fund)** – $56.939 million, 31.04 percent, in domestic equity mutual fund securities; $125.658 million, 68.51 percent, in the Utah Public Treasurers’ Investment Fund; and $823 thousand, 0.45 percent, in the U.S. Government agency securities.

- **Employers’ Reinsurance Trust (private purpose trust)** – $149.872 million, 74.01 percent, in bond mutual funds; $7.845 million, 3.87 percent, in domestic equity mutual fund securities; $5.083 million, 2.51 percent, in international equity mutual fund securities; and $91.609 million, 19.61 percent, in the Utah Public Treasurers’ Investment Fund.

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The primary government, with the exception of URS and Trust Lands, follows the Money Management Act as previously discussed as its policy for reducing exposure to investment credit risk.

The primary government’s rated debt investments as of June 30, 2019, with the exception of URS and Trust Lands, were rated by Standard and Poor’s and/or an equivalent nationally recognized statistical rating organization and the ratings are presented below using the Standard and Poor’s rating scale. Securities rated less than “A” met the investment criteria at the time of purchase.
Custodial Credit Risk

Custodial credit risk for investments is the risk that, in the event of a failure of the counter party, the State will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party. The primary government does not have a formal policy for custodial credit risk.

The primary government’s investments at June 30, 2019, with the exception of URS and Trust Lands, were held by the State or in the State’s name by the State’s custodial banks.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government’s investment in a single issuer.

Except for URS and Trust Lands, the primary government’s policy for reducing this risk of loss is to comply with the Rules of the State Money Management Council. Rule 17 of the State Money Management Council limits investments in a single issuer of commercial paper and corporate obligations to between 5 and 10 percent depending upon the total dollar amount held in the portfolio. Such limitations do not apply to securities issued by the U.S. government and its agencies. The primary government had no debt securities investments at June 30, 2019, with more than 5 percent of the total investments in a single issuer.

Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The primary government, with the exception of URS and Trust Lands, does not have a formal policy to limit foreign currency risk. The following funds have investments in international equity funds, and as such, no foreign currency risk is presented: Utah Educational Savings Plan Trust (private purpose trust) $2.065 billion, Post-Retirement Benefits Trust Funds (fiduciary funds), and Other Employee Benefits Trust Funds (fiduciary funds) $4.021 million, State Endowment Fund (special revenue fund) $16.517 million, Employers’ Reinsurance Trust (private purpose trust) $5.083 million, Utah Navajo Trust (private purpose trust fund) $2.253 million, and General Fund $906 thousand.

B. Primary Government – Utah Retirement Systems

Investments

The Utah Retirement Systems’ and Plans’ (URS) (pension trust and defined contribution plans) investments by type are presented below.

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Defined Benefit</th>
<th>Defined Contribution</th>
<th>Total All Systems and Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short-term Securities Pools</td>
<td>$1,590,727</td>
<td>—</td>
<td>$1,590,727</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>4,925,751</td>
<td>1,994,543</td>
<td>6,920,294</td>
</tr>
<tr>
<td>Equity Securities</td>
<td>10,400,703</td>
<td>3,304,974</td>
<td>13,705,677</td>
</tr>
<tr>
<td>Absolute Return</td>
<td>4,598,396</td>
<td>—</td>
<td>4,598,396</td>
</tr>
<tr>
<td>Private Equity</td>
<td>3,661,356</td>
<td>—</td>
<td>3,661,356</td>
</tr>
<tr>
<td>Real Assets</td>
<td>5,206,229</td>
<td>231,384</td>
<td>5,437,613</td>
</tr>
<tr>
<td>Investments Held by Broker-dealers under Securities Lending Program:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equity Securities</td>
<td>605,947</td>
<td>—</td>
<td>605,947</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>387,281</td>
<td>—</td>
<td>387,281</td>
</tr>
<tr>
<td>Total</td>
<td>31,376,390</td>
<td>5,530,901</td>
<td>36,907,291</td>
</tr>
<tr>
<td>Securities Lending Collateral Pool</td>
<td>1,058,056</td>
<td>—</td>
<td>1,058,056</td>
</tr>
<tr>
<td>Total Investments</td>
<td>$32,434,446</td>
<td>$5,530,901</td>
<td>$37,965,347</td>
</tr>
</tbody>
</table>

URS values these investments in good faith at URS’s pro-rata interest in the net assets of these investments based upon audited financial statements or other information provided to URS by the underlying investment managers. The estimated fair value of these investments may differ significantly from values that would have been used had a ready market existed.
**State of Utah**

**Notes to the Financial Statements**

**Fiscal Year Ended June 30, 2019**

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**Fair Value Measurements**

URS categorizes the fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset and give the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements).

- **Level 1:** Unadjusted quoted prices for identical instruments in active markets.
- **Level 2:** Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations in which all significant inputs are observable.
- **Level 3:** Valuations derived from valuation techniques in which significant inputs are unobservable.

Investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy.

In instances where inputs used to measure fair value fall into different levels in the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. URS’s assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset or liability. The following table shows the fair value leveling of the investments for URS.

---

**Utah Retirement Systems**

(pension trust and defined contribution plans)

<table>
<thead>
<tr>
<th>Investments and Derivative Instruments Measured at Fair Value</th>
<th>Defined Benefit</th>
<th>Defined Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Investments by Fair Value Level</strong></td>
<td>Fair Value Measures Using</td>
<td>Fair Value Measures Using</td>
</tr>
<tr>
<td><strong>Investment Type</strong></td>
<td>Quoted Prices in Active Markets for Identical Assets</td>
<td>Significant Other Observable Inputs</td>
</tr>
<tr>
<td><strong>Short-term Securities</strong></td>
<td>Level 1</td>
<td>Level 2</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>$1,242,660</td>
<td>$66,763</td>
</tr>
<tr>
<td>Asset-backed Securities</td>
<td>264,390</td>
<td>—</td>
</tr>
<tr>
<td>Commercial Mortgage-backed</td>
<td>108,506</td>
<td>—</td>
</tr>
<tr>
<td>Corporate Bonds</td>
<td>1,396,850</td>
<td>—</td>
</tr>
<tr>
<td>Funds – Other Income</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Government Agencies</td>
<td>95,456</td>
<td>—</td>
</tr>
<tr>
<td>Government Bonds</td>
<td>1,043,102</td>
<td>—</td>
</tr>
<tr>
<td>Government Mortgage-backed Securities</td>
<td>924,939</td>
<td>—</td>
</tr>
<tr>
<td>Index-linked Government Bonds</td>
<td>1,413,408</td>
<td>—</td>
</tr>
<tr>
<td>Non-government Backed C.M.O.s</td>
<td>1,782</td>
<td>—</td>
</tr>
<tr>
<td>Total Debt Securities</td>
<td>5,323,853</td>
<td>0</td>
</tr>
<tr>
<td><strong>Equity Investments</strong></td>
<td>Fair Value</td>
<td></td>
</tr>
<tr>
<td>Consumer Goods</td>
<td>1,969,686</td>
<td>1,969,602</td>
</tr>
<tr>
<td>Energy</td>
<td>628,872</td>
<td>624,552</td>
</tr>
<tr>
<td>Energy Other</td>
<td>8,478</td>
<td>8,270</td>
</tr>
<tr>
<td>Financials</td>
<td>1,606,241</td>
<td>1,572,422</td>
</tr>
<tr>
<td>Health Care</td>
<td>1,178,456</td>
<td>1,178,391</td>
</tr>
<tr>
<td>Industrials</td>
<td>1,272,409</td>
<td>1,272,284</td>
</tr>
<tr>
<td>Information Technology</td>
<td>1,371,576</td>
<td>1,371,498</td>
</tr>
<tr>
<td>Materials</td>
<td>547,738</td>
<td>546,103</td>
</tr>
<tr>
<td>Real Estate Investment Trusts</td>
<td>402,939</td>
<td>402,966</td>
</tr>
<tr>
<td>Telecommunication Services</td>
<td>736,082</td>
<td>736,062</td>
</tr>
<tr>
<td>Utilities</td>
<td>275,742</td>
<td>275,742</td>
</tr>
<tr>
<td>Total Equity Investments</td>
<td>9,998,273</td>
<td>9,957,892</td>
</tr>
</tbody>
</table>

Debt, equity, and derivative instruments classified in Level 1 are valued using prices quoted in active markets for those securities. Debt and debt derivative instruments classified in Level 2 and Level 3 are valued using either a bid evaluation or a matrix pricing technique. Bid evaluations may include market quotations, yields, maturities, call features and ratings. Matrix pricing is used to value securities based on the securities relationship to benchmark quoted prices. Index-linked debt securities are valued by multiplying the external market price feed by the applicable day’s Index Ratio. Level 2 debt securities have non-proprietary information that was readily available to market participants, from multiple independent sources which are known to be actively involved in the market. Level 3 debt securities use proprietary information or single source pricing. Equity and equity derivative instruments classified in Level 2 are securities whose values are derived daily from associated traded securities. Equity securities classified in Level 3 are valued with last trade data having limited trading volume.

Real assets classified in Level 1 are valued using prices quoted in active markets for those securities. Real assets classified in Level 3 are real estate investment generally valued using the income approach by internal manager reviews or independent external appraisers. URS’s policy is to obtain an external appraisal a minimum of every three years for properties or portfolios that URS has some degree of control or discretion. In practice, some investments are appraised annually. Appraisals are performed by an independent appraiser with preference for Member Appraisal Institute (MAI) designated appraisers. The appraisals are performed using generally accepted valuation approaches applicable to the property type.

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## Investments and Derivative Instruments Measured at Fair Value (continued)

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value</th>
<th>Defined Benefit</th>
<th>Fair Value Measures Using</th>
<th>Defined Contribution</th>
<th>Fair Value Measures Using</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Quoted Prices in Active Markets for Identical Assets</td>
<td>Significant Other Observable Inputs</td>
<td>Significant Unobservable Inputs</td>
<td>Quoted Prices in Active Markets for Identical Assets</td>
</tr>
<tr>
<td>Real Assets</td>
<td></td>
<td>Level 1</td>
<td>Level 2</td>
<td>Level 3</td>
<td>Level 1</td>
</tr>
<tr>
<td>Agriculture</td>
<td>163,191</td>
<td>—</td>
<td>—</td>
<td>163,191</td>
<td>—</td>
</tr>
<tr>
<td>Commodities</td>
<td>40,253</td>
<td>40,253</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Real Estate</td>
<td>1,998,259</td>
<td>—</td>
<td>—</td>
<td>1,998,259</td>
<td>—</td>
</tr>
<tr>
<td>Total Real Assets</td>
<td>2,201,703</td>
<td>40,253</td>
<td>0</td>
<td>2,161,450</td>
<td>0</td>
</tr>
<tr>
<td>Total Investments by Fair Value Level</td>
<td>18,766,489</td>
<td>$0,064,908</td>
<td>$6,346,082</td>
<td>$2,355,499</td>
<td>$2,892,424</td>
</tr>
</tbody>
</table>

### Investments Measured at the Net Asset Value (NAV)

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value</th>
<th>Defined Benefit</th>
<th>Fair Value Measures Using</th>
<th>Defined Contribution</th>
<th>Fair Value Measures Using</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Quoted Prices in Active Markets for Identical Assets</td>
<td>Significant Other Observable Inputs</td>
<td>Significant Unobservable Inputs</td>
<td>Quoted Prices in Active Markets for Identical Assets</td>
</tr>
<tr>
<td>Short-Term Securities</td>
<td>347,503</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Equity Investments</td>
<td>569,326</td>
<td>373,364</td>
<td>503,251</td>
<td>11,496</td>
<td></td>
</tr>
<tr>
<td>Co-mingled International Equity Fund</td>
<td>715,813</td>
<td>288,086</td>
<td>1,217,950</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Co-mingled U.S. Small Cap Equity Fund</td>
<td>997,085</td>
<td>826,387</td>
<td>1,457,437</td>
<td>4,598,396</td>
<td></td>
</tr>
<tr>
<td>Co-mingled Large Cap Equity Fund</td>
<td>65,605</td>
<td>165,779</td>
<td>1,222,968</td>
<td>1,360,644</td>
<td></td>
</tr>
<tr>
<td>Co-mingled Russell 1000 Growth Equity Fund</td>
<td>35,697</td>
<td>—</td>
<td>328,632</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Equity Investments Measured at the NAV</td>
<td>1,003,899</td>
<td>—</td>
<td>1,118,897</td>
<td>3,661,356</td>
<td></td>
</tr>
<tr>
<td>Absolute Return</td>
<td>1,217,950</td>
<td>—</td>
<td>1,118,897</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Directional</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Equity Long/Short</td>
<td>196,330</td>
<td>—</td>
<td>165,779</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Event Driven</td>
<td>997,085</td>
<td>—</td>
<td>165,779</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Multistategy</td>
<td>826,387</td>
<td>—</td>
<td>165,779</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Relative Value</td>
<td>1,360,644</td>
<td>—</td>
<td>1,118,897</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Absolute Return Measured at the NAV</td>
<td>4,598,396</td>
<td>—</td>
<td>4,598,396</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Private Equity – Private Equity Partnerships</td>
<td>3,661,356</td>
<td>—</td>
<td>3,661,356</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Co-mingled Commodities Fund</td>
<td>65,605</td>
<td>—</td>
<td>65,605</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Co-mingled Real Estate Fund</td>
<td>165,779</td>
<td>—</td>
<td>165,779</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>35,697</td>
<td>—</td>
<td>35,697</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Energy</td>
<td>1,222,968</td>
<td>—</td>
<td>1,222,968</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Minerals</td>
<td>328,632</td>
<td>—</td>
<td>328,632</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Real Assets Measured at the NAV</td>
<td>3,011,010</td>
<td>—</td>
<td>3,011,010</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Investments Measured at the NAV</td>
<td>12,622,164</td>
<td>—</td>
<td>12,622,164</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Investments Measured at Fair Value</td>
<td>12,622,164</td>
<td>—</td>
<td>12,622,164</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Synthetic Guaranteed Investments Contracts</td>
<td>31,388,653</td>
<td>—</td>
<td>31,388,653</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Measured at Contract Value</td>
<td>$950,049</td>
<td>—</td>
<td>$950,049</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Investment Derivative Instruments</td>
<td>564</td>
<td>564</td>
<td>564</td>
<td>564</td>
<td></td>
</tr>
<tr>
<td>Short-term Securities – Options</td>
<td>12</td>
<td>—</td>
<td>12</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Debt Securities</td>
<td>11</td>
<td>—</td>
<td>11</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Options</td>
<td>12</td>
<td>—</td>
<td>12</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Swaptions</td>
<td>11</td>
<td>—</td>
<td>11</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Swap Liabilities</td>
<td>10</td>
<td>—</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Real Assets – Swap Liabilities</td>
<td>4</td>
<td>—</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Total Investment Derivative Instruments</td>
<td>2</td>
<td>—</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Invested Securities Lending Collateral</td>
<td>1,058,056</td>
<td>952,011</td>
<td>1,058,056</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Short-Term Securities</td>
<td>179,260</td>
<td>179,260</td>
<td>179,260</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Debt Securities</td>
<td>159,470</td>
<td>53,425</td>
<td>11,021</td>
<td>95,024</td>
<td></td>
</tr>
<tr>
<td>Equity Investments</td>
<td>719,326</td>
<td>719,326</td>
<td>719,326</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
Investments Measured at the Net Asset Value (NAV)

The following table presents the unfunded commitments, redemption frequency (if currently eligible), and the redemption notice period for the alternative investments measure at NAV.

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value</th>
<th>Unfunded Commitments</th>
<th>Redemption Frequency (if currently eligible)</th>
<th>Redemption Notice Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short-term Securities – Beta/Overlays</td>
<td>$347,503</td>
<td>$—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Equity Investments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Co-mingled International Equity Fund</td>
<td>715,813</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Co-mingled U.S. Small Cap Equity Fund</td>
<td>288,086</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Total Equities Investments</td>
<td>1,003,899</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Absolute Return</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Directional</td>
<td>1,217,950</td>
<td>16,192</td>
<td>Monthly, quarterly</td>
<td>30–60 days</td>
</tr>
<tr>
<td>Equity Long/Short</td>
<td>196,330</td>
<td></td>
<td>Monthly, quarterly, annually</td>
<td>30–60 days</td>
</tr>
<tr>
<td>Event Driven</td>
<td>997,085</td>
<td>14,400</td>
<td>Monthly, quarterly, semi-annually, annually, bi-annually</td>
<td>45–120 days</td>
</tr>
<tr>
<td>Multistrategy</td>
<td>826,387</td>
<td>—</td>
<td>Monthly, quarterly, semi-annually, annually</td>
<td>45–90 days</td>
</tr>
<tr>
<td>Relative Value</td>
<td>1,360,644</td>
<td>—</td>
<td>Weekly, monthly, quarterly, semi-annually, annually</td>
<td>30–90 days, N/A</td>
</tr>
<tr>
<td>Total Absolute Return</td>
<td>4,598,396</td>
<td>30,592</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Equity – Partnerships</td>
<td>3,661,356</td>
<td>1,722,618</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Real Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>35,697</td>
<td>36,658</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Energy</td>
<td>1,222,968</td>
<td>547,214</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Minerals</td>
<td>328,632</td>
<td>161,367</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Real Estate *</td>
<td>1,118,897</td>
<td>73,998</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Royalty *</td>
<td>11,683</td>
<td>203,300</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Timber *</td>
<td>293,133</td>
<td>—</td>
<td>Not eligible</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Real Assets</td>
<td>3,011,010</td>
<td>1,022,537</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Investments Measured at the NAV</td>
<td>$12,622,164</td>
<td>$2,775,747</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*See redemption descriptions for these investments under Real Estate and Timber Funds.

The valuation method for investments measured at the NAV per share (or its equivalent) is presented on the table above and on the table below. Synthetic guaranteed investment contracts that are fully benefit-responsive are measured at contract value and do not participate in fair value changes.

Defined Benefit

- **Short-term Beta/Overlays** – This type consists of one pooled investment fund that invests in exchange traded short-term options and futures referencing equity indexes used for portfolio rebalancing. The fair values have been determined using the NAV per share of the investments.

- **Co-mingled International Equity Fund and Co-mingled Small Cap Fund** – This type consists of three institutional investment funds that invest in international equities diversified across all sectors and one fund that invests in U.S. small cap equities. The fair values of the investments in these types have been determined using the NAV per share of the investments.

- **Absolute Return Funds** – The fair values of the investments in this type have been determined using the NAV per share of the investments. **Directional funds** include investments in eleven funds whose investments are more directional in nature although they can shift opportunistically between having a directional bias and a non-directional bias. **Equity long/short funds** includes investments in nine funds in which the equity securities maintain some level of market exposure (either net long or net short); however the level of market exposure may vary through time. **Event driven funds** include investments in nineteen funds whose investments focus on identifying and analyzing securities that can benefit from the occurrence of an extraordinary corporate transaction or event (e.g., restructurings, takeovers, mergers, spin-offs, bankruptcies, etc).

One fund is in the process of redemption totaling $23 thousand over the next two to ten years. **Multi-strategy funds** include investments in ten funds. Investments in these funds represent a mix of the other absolute return strategies. Five funds are in the process of redemption totaling $23 million over the next 1-5 years. **Relative value funds** include investments in twenty-one funds. These funds seek returns by capitalizing on the mispricing of related securities or financial instruments. One new fund with a value of $154 million has a redemption restriction of two years. All other funds currently have no redemption restrictions.

- **Private Equity Partnerships** – This type includes investments in limited partnerships. Generally speaking, the types of partnership strategies included in this portfolio are venture capital, growth equity, buyouts, special situations, mezzanine, and distressed debt. These investments have an approximate life of ten years and are considered illiquid. Redemptions are restricted over the life of the partnership. During the life of the partnerships distributions are received as underlying partnership investments are realized. The majority of the private equity partnership investments are managed by two gatekeepers. Both gatekeepers manage discretionary accounts for URS. The gatekeepers are required to manage the private equity portfolio in accordance with guidelines established by URS. URS has no plans to liquidate the total portfolio. As of December 31, 2018, it is probable that all the investments in this type will be sold at an amount different from the NAV per share (or its equivalent) of URS’s ownership interest in partners’ capital.

- **Energy, Mineral, and Royalty Funds** – Investments in **Energy** consist of 29 private equity partnerships, which invest primarily in oil and gas related investments. **Mineral funds** include seven private equity partnerships, which invest in...
mineral mining equity securities, commodities and other mining investments. Royalty funds include two private equity partnerships, which invest primarily in drug royalties. These investments have an approximate life of 10 years and are considered illiquid. Redemption restrictions are in place over the life of the partnership. During the life of the partnerships, distributions are received as underlying partnership investments are realized. As of December 31, 2018, it is probable that all the investments in this type will be sold at an amount different from the NAV per share (or its equivalent) of URS’s ownership interest in partners’ capital. The fair values of these investments have been determined using estimates provided by the underlying partnerships using recent observable transactions information for similar investments.

**Utah Retirement Systems**

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value</th>
<th>Unfunded Commitments</th>
<th>Redemption Frequency (if currently eligible)</th>
<th>Redemption Notice Period</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equity Securities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Co-mingled Large Cap Equity Fund</td>
<td>$569,326</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Co-mingled International Equity Fund</td>
<td>373,364</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Co-mingled U.S. Small Cap Equity Fund</td>
<td>503,251</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Co-mingled Russell 1000 Growth Equity Fund</td>
<td>11,496</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Total Equity Securities</td>
<td>1,457,437</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Real Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Co-mingled Real Estate Equity Fund</td>
<td>65,605</td>
<td>—</td>
<td>Quarterly</td>
<td>None</td>
</tr>
<tr>
<td>Co-mingled Commodities Fund</td>
<td>165,779</td>
<td>—</td>
<td>Daily</td>
<td>None</td>
</tr>
<tr>
<td>Total Real Asset</td>
<td>231,384</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Investments Measured at the NAV</td>
<td>$1,688,821</td>
<td>$0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Defined Contribution**

- **Co-Mingled Funds** – The fair values of the investments of this type have been determined using the NAV per share of the investments. The co-mingled real estate equity fund is comprised of institutional-quality commercial real estate across a broad range of real estate asset types. The co-mingled commodities fund invests mainly in bulk goods and raw materials. The other funds invest in securities indicative of their name.

**Interest Rate Risk**

Utah Retirement Systems (URS) (pension trust and defined contribution plans) manages its exposure to fair value loss arising from increasing interest rates by complying with the following policy:

- For domestic debt securities managers, an individual debt securities investment manager’s portfolio will have an effective duration between 75 and 125 percent of the effective duration of the appropriate index.
- The international debt securities investment managers will maintain an effective duration of their portfolio between 80 and 120 percent of the appropriate index.
- The global debt securities investment managers will maintain an effective duration of their portfolio between 75 and 125 percent of the appropriate index.
- The global debt inflation-linked debt securities investment managers will maintain an effective duration of their portfolio between 80 and 120 percent of the appropriate index.
- Duration is a measure of a debt investment’s exposure to fair value changes arising from changes in interest rates. It uses the present value of cash flows, weighted for those cash flows as a percentage of the investment’s full price.

URS compares an investment’s effective duration against the Bloomberg Barclays US Aggregate Bond Index for domestic debt securities, the Bloomberg Barclays Global Aggregate Index (USD hedged) for global debt securities, and the Bloomberg Barclays World Government Inflation-Linked Investment Bond Index (USD hedged) for inflation-linked debt securities. The index duration range as of December 31, 2018, was 4.40 to 7.34 for domestic debt securities, 5.22 to 8.70 for global debt securities, and 9.65 to 14.47 for inflation-linked debt securities.

URS compares an investment’s effective duration against the Bloomberg Barclays US Intermediate Aggregate Bond Index for domestic debt securities, the Bloomberg Barclays Global Aggregate ex-US Bond Index (USD hedged) for international debt securities, and the Bloomberg Barclays Global Inflation-Linked Bond Index 1-10 Year (USD hedged) for inflation-linked debt securities. The index duration range as of December 31, 2018, was 4.40 to 7.34 for domestic debt securities, 6.34 to 9.50 for international debt securities, and 4.02 to 6.04 for inflation-linked debt securities.

As of December 31, 2018, no individual debt securities investment manager’s portfolio was outside of the policy guidelines, except one manager that was 0.02 below its index duration range. This manager brought its portfolio back into range on the next business day.
As of December 31, 2018, the following table shows the investments by investment type, amount, and the effective weighted duration.

<table>
<thead>
<tr>
<th>Investment</th>
<th>Defined Benefit Plans</th>
<th>Defined Contribution Plans</th>
<th>Total All Systems and Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asset-backed Securities</td>
<td>$264,390</td>
<td>$59,674</td>
<td>$324,064</td>
</tr>
<tr>
<td>Commercial Mortgage-backed</td>
<td>108,505</td>
<td>698</td>
<td>109,203</td>
</tr>
<tr>
<td>Corporate Bonds</td>
<td>1,396,243</td>
<td>289,947</td>
<td>1,686,190</td>
</tr>
<tr>
<td>Fixed Income Other</td>
<td>39,774</td>
<td>98,187</td>
<td>137,961</td>
</tr>
<tr>
<td>Government Agencies</td>
<td>108,221</td>
<td>31,854</td>
<td>140,075</td>
</tr>
<tr>
<td>Government Bonds</td>
<td>1,030,337</td>
<td>172,613</td>
<td>1,202,950</td>
</tr>
<tr>
<td>Government Mortgage-backed Securities</td>
<td>924,939</td>
<td>249,149</td>
<td>1,174,088</td>
</tr>
<tr>
<td>Index Linked Bonds</td>
<td>1,413,408</td>
<td>142,185</td>
<td>1,555,593</td>
</tr>
<tr>
<td>Non-government Backed C.M.O.s</td>
<td>27,215</td>
<td>187</td>
<td>240,072</td>
</tr>
<tr>
<td>Synthetic Guaranteed Investment Contracts – measured at contract value</td>
<td>—</td>
<td>950,049</td>
<td>950,049</td>
</tr>
<tr>
<td>Total Debt Securities Investments</td>
<td>$5,313,032</td>
<td>$1,994,543</td>
<td>$7,307,575</td>
</tr>
</tbody>
</table>

**Custodial Credit Risk**

Custodial credit risk for investments is the risk that, in the event of a failure of the counterparty, URS will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party. URS does not have an investment policy regarding custodial credit risk. As of December 31, 2018, there is $41.820 million of cash and cash equivalents exposed to custodial credit risk and $518.972 million of other assets where exposure to custodial credit risk is not determined.

**Credit Risk of Debt Securities**

URS expects its domestic debt securities investment managers to maintain diversified portfolios by sector and by issuer using the following guidelines:

- **U.S. Government and Agency Securities** – no restriction.
- **Total portfolio quality will maintain a minimum overall rating of “A”.**
- **Securities with a quality rating of below BBB-** are considered below investment grade. No more than 5 percent of an investment manager’s assets can be below investment grade and no more than 1 percent of an investment manager’s assets can be with a single below investment grade issuer.
- **Upon approval, a domestic debt securities investment manager may invest up to 10 percent of the portfolio in non-U.S. dollar-denominated bonds.**

The global debt securities investment managers may hold up to 25 percent of the fair value of their portfolios in securities rated below investment grade (below BBB-/Baa3). The remaining assets will have on average an investment grade rating. International debt securities investment managers may hold up to 20 percent of the fair value of their portfolios in securities rated below investment grade (below BBB-/Baa3). The remaining assets will have an investment grade rating.

URS’s weighted quality rating average of the global debt securities, excluding pooled investments, as of December 31, 2018, was A+, and the fair value of below grade investments was $99.411 million or 1.87 percent.

The government mortgage-backed securities in URS that are not rated include $250 thousand Federal Home Loan Mortgage Corporation and $632 thousand of Federal National Mortgage Association securities, which are implicitly guaranteed by the U.S. government.

(Notes continue on next page.)
The following table presents URS’s credit risk ratings as of December 31, 2018:

### Utah Retirement Systems
(pension trust and defined contribution plans)
Credit Risk of Debt Securities at Fair Value
At December 31, 2018
(expressed in thousands)

#### Defined Benefit Plans

<table>
<thead>
<tr>
<th>Quality Rating</th>
<th>Total</th>
<th>Asset-Backed</th>
<th>Commercial Mortgage-Backed</th>
<th>Corporate Bonds</th>
<th>Fixed Income Other</th>
<th>Government Agencies</th>
<th>Government Bonds</th>
<th>Government Mortgage-Backed</th>
<th>Index-Linked Bonds</th>
<th>Non-Government Backed C.M.O.s</th>
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#### Defined Contribution Plans

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<th>Government Agencies</th>
<th>Government Bonds</th>
<th>Government Mortgage-Backed</th>
<th>Index-Linked Bonds</th>
<th>Non-Government Backed C.M.O.s</th>
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<td>$ 289,947</td>
<td>$ 98,187</td>
<td>$ 31,854</td>
<td>$ 86,172</td>
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Foreign Currency Risk

URS expects the International Securities Investment Managers to maintain diversified portfolios by sector and by issuer using the following guidelines:
- International investment managers invest in fixed income instruments and equity instruments of corporations headquartered outside of the United States unless specifically authorized within the investment managers’ contract.
- Domestic investment managers are allowed to invest in international corporations traded in American Depository Receipts (ADRs).
- Portfolios should be adequately diversified to limit foreign currency and security risk.

Risk of loss arises from changes in currency exchange rates. URS’s exposure to foreign currency risk is shown in the table below.

Utah Retirement Systems
(pension trust and defined contribution plans)
International Investment Securities at Fair Value

At December 31, 2018
(expressed in thousands)

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<th>Currency</th>
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<th>Defined Contribution Plans</th>
<th>Total All Systems and Plans</th>
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<td>Debt</td>
<td>Equity</td>
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C. Primary Government – Trust Lands

Investments

Trust Lands’ (permanent fund) investments by type are presented below:

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<th>Trust Lands (permanent fund) Investments at Fair Value June 30, 2019 (expressed in thousands)</th>
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<td>Income</td>
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<tr>
<td>Defensive</td>
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<tr>
<td>Total Investments</td>
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</table>

Trust Lands investment securities are stated at fair value, which is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between two market participants at the measurement date. Purchase and sale transactions are recorded on the trade date.

Fair Value Measurements

Trust Lands measures and records investments using fair value measurement guidelines established by generally accepted accounting principles. These guidelines recognize a three-tiered fair value hierarchy, as follows:

- **Level 1**: Quoted Prices in Active Markets for Identical Assets.
- **Level 2**: Significant Other Observable Inputs.
- **Level 3**: Significant Unobservable Inputs.

In instances where inputs used to measure fair value fall into different levels in the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset or liability.

At June 30, 2019, Trust Lands had the following recurring fair value measurements:

<table>
<thead>
<tr>
<th>Trust Lands (permanent fund) Investments Measured at Fair Value June 30, 2019 (expressed in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment Type</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>Investments by Fair Value Level</td>
</tr>
<tr>
<td>Growth</td>
</tr>
<tr>
<td>US Equity</td>
</tr>
<tr>
<td>International Equity</td>
</tr>
<tr>
<td>Total Growth</td>
</tr>
<tr>
<td>Real Assets</td>
</tr>
<tr>
<td>TIPS</td>
</tr>
<tr>
<td>Public Real Assets</td>
</tr>
<tr>
<td>Total Real Assets</td>
</tr>
<tr>
<td>Income</td>
</tr>
<tr>
<td>Credit</td>
</tr>
<tr>
<td>Securitized</td>
</tr>
<tr>
<td>Non-U.S.</td>
</tr>
<tr>
<td>Total Income</td>
</tr>
</tbody>
</table>

Securities (cash, debt and equity securities, including registered investment companies/mutual funds with daily liquidity holding such securities) in the Investment Thematic categories classified in Level 1 are valued using prices quoted in active markets for those securities.

Securities (debt and equity securities, including derivative instruments and Trust Lands’ proportionate share of securities held in commingled vehicles with regular liquidity which hold such securities) in the Investment Thematic categories classified in Level 2 are valued using the following approaches: Mid Evaluation, Bid Evaluation and Theory (a theoretical price calculated by applying a standardized formula to derive a price from a related security).

Securities (debt and equity securities, including derivative securities and the Trust Lands’ proportionate share of securities held in commingled vehicles with regular liquidity holding such securities) in the Investment Thematic categories classified in Level 3 are valued using the following approaches: Bid Evaluation and other pricing indications which may be unobservable or with limited volume. Bid evaluations may include market quotations, yields, maturities, call features and ratings. Debt securities classified in Level 3 are valued and priced using proprietary information, single source pricing and/or may have nominal value. Equity securities classified in Level 3 are valued with last trade data having limited trading volume.

Investments that are measured at fair value using the net asset value (NAV) per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy. Trust Lands has determined the fair value of these investments using the NAV per share of the investments (or its equivalent) as reported in current period audited statements of the manager, prior period audited statements of the manager adjusted for subsequent calls and distributions, current period unaudited statements or estimates provided by the underlying investments using recent observable transaction information for similar investments. The objectives and valuation approach for investments that are measured at fair value using the NAV per share (or its equivalent) as a practical expedient are more fully described below.
State of Utah

Notes to the Financial Statements

Fiscal Year Ended June 30, 2019

Defensive
Long US Treasury .......................................................... $ 86,110 $ 86,110 $ — $ —
Cash and Cash Equivalents ............................................ 44,079 37,190 6,889 —
Total Defensive............................................................ 130,189 123,300 6,889 —
Total Investments by Fair Value Level ..................... 1,391,201 $ 1,132,228 $ 258,410 $ 563

Investments Measured at the Net Asset Value (NAV)

Growth
International Equity ............................................... $ 97,516
Private Equity ........................................................ 89,854
Total Growth....................................................... $ 187,370

Real Assets
Public Real Assets ................................................. 5,147
Private Real Estate................................................. 178,891
Private Real Assets ................................................ 38,621
Total Real Assets ................................................ 222,659

Income
Credit ..................................................................... 103,577
Securitized ............................................................. 251,484
Non-US.................................................................. 52,168
Insurance-Linked Securities .................................. 67,524
Private Debt........................................................... 100,293
Total Income....................................................... $ 575,046

Defensive
Systematic Convexity............................................... 194,432
Total Investments Measured at the NAV ............. $ 1,179,507
Total Investments Measured at Fair Value .......... $ 2,570,708

Investments Measured at Net Asset Value (NAV)

The following table presents the unfunded commitments, redemption frequency (if currently eligible), and the redemption notice period for the alternative investments measured at NAV.

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value (expressed in thousands)</th>
<th>Unfunded Commitments</th>
<th>Redemption Frequency</th>
<th>Redemption Notice Period</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Growth</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Equity</td>
<td>$ 97,516</td>
<td>$ —</td>
<td>30-90 Days</td>
<td>90 Days</td>
</tr>
<tr>
<td>Private Equity</td>
<td>89,854</td>
<td>77,675</td>
<td>Limited</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Growth</td>
<td>$ 187,370</td>
<td>77,675</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Real Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Real Assets</td>
<td>5,147</td>
<td>—</td>
<td>90 Days, Limited</td>
<td>90 Days, N/A</td>
</tr>
<tr>
<td>Private Real Estate</td>
<td>178,891</td>
<td>86,772</td>
<td>Limited</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Real Assets</td>
<td>38,621</td>
<td>83,873</td>
<td>Limited</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Real Assets</td>
<td>222,659</td>
<td>170,645</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit</td>
<td>103,577</td>
<td>—</td>
<td>90 Days</td>
<td>60 Days</td>
</tr>
<tr>
<td>Securitized</td>
<td>251,484</td>
<td>—</td>
<td>91 Days (calendar qtr.)</td>
<td>91 Days (1/8 gate)</td>
</tr>
<tr>
<td>Non-US</td>
<td>52,168</td>
<td>—</td>
<td>180 Days (May 1, Nov1)</td>
<td>180 Days</td>
</tr>
<tr>
<td>Insurance-Linked Securities</td>
<td>67,524</td>
<td>46,489</td>
<td>Limited</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Debt</td>
<td>100,293</td>
<td>32,657</td>
<td>Limited</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Income</td>
<td>$ 575,046</td>
<td>$ 79,146</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Defensive</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Systematic Convexity</td>
<td>194,432</td>
<td>—</td>
<td>5 Days</td>
<td>4 Days (30% investor gate)</td>
</tr>
<tr>
<td>Total Defensive</td>
<td>194,432</td>
<td>—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Investments Measured at NAV            $ 1,179,507                     $ 327,466</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The description of underlying holdings and valuation methodologies for investments measured at the NAV, detailed above, are described further as follows:

Growth–International Equity: Consists of one investment in a limited partnership with equity investments and one investment in units of a pooled investment fund. The fair values of the investments in this type have been determined using the NAV per share (or its equivalent) of Trust Lands’ investments held or ownership interest in partners’ capital.

Growth–Private Equity: Consists of eight investments in private equity limited partnerships. Generally speaking, the types of strategies included in this portfolio include venture capital, growth equity, opportunistic real estate equity, buyouts and special situations. These investment commitments were made in 2016 onward and have an approximate life in excess of 10 years and are considered illiquid. Redemptions are restricted over the life of the partnership. During the life of the partnership, distributions are received as underlying partnership investments are realized.
Trust Lands has no plans to liquidate the total portfolio. As of June 30, 2019, it is probable that all the investments in this type would be sold at an amount different from the NAV per share (or its equivalent) of Trust Lands’ ownership interest in partners’ capital.

Real Assets–Public Real Assets: consists of one investment in a preferred equity investment in a Master Limited Partnership (MLP) and associated investment strategies. The fair value of the investment in this type has been determined using the NAV per share (or its equivalent) of Trust Lands’ ownership interest in partners’ capital.

Real Assets – Private Real Estate: Consists of eleven investments in private real estate limited partnerships. Generally speaking, the types of strategies included in this portfolio include core and value-added property interests. These investment commitments were made over a period ranging from 2008 onward and have an approximate life in excess of 10 years and are therefore considered illiquid. Redemptions are restricted over the life of the partnership. During the life of the partnership, distributions are received as underlying partnership investments are realized. Trust Lands has no plans to liquidate the total portfolio. As of June 30, 2019, it is probable that all the investments in this type would be sold at an amount different from the NAV per share (or its equivalent) of Trust Lands’ ownership interest in partners’ capital.

Real Assets – Private Real Assets: Consists of four investments in private real estate limited partnerships. Generally speaking, the types of strategies included in this portfolio include infrastructure/power generation and opportunistic natural resource investments, including co-investments. These investment commitments were made over a period ranging from 2016 onward and have an approximate life in excess of 10 years and are therefore considered illiquid. Redemptions are restricted over the life of the partnership. During the life of the partnerships distributions are received as underlying partnership investments are realized or co-investment holdings are sold. Trust Lands has no plans to liquidate the total portfolio. As of June 30, 2019, it is probable that all the investments in this type would be sold at an amount different from the NAV per share (or its equivalent) of Trust Lands’ investments ownership interest in partners’ capital.

Income – Credit: Consists of two investments in limited partnerships with underlying credit/securitized fixed income investments and associated investments. The fair value of the investment in this type has been determined using the NAV per share (or its equivalent) of the Trust Lands’ ownership interest in partners’ capital.

Income – Securitized: Consists of four investments in limited partnerships with underlying lower-quality credit/securitized fixed income investments and associated strategies. The fair value of the investment in this type has been determined using the NAV per share (or its equivalent) of Trust Lands’ ownership interest in partners’ capital.

Income – Non US: Consists of one investment in a limited partnership with underlying global derivative instruments and associated strategies. The fair value of the investment in this type has been determined using the NAV per share (or its equivalent) of Trust Lands’ ownership interest in partners’ capital.

Income – Insurance-Linked Securities: Consists of four investments in limited partnerships with underlying insurance-linked securities investments and associated strategies. The fair value of the investments in this type have been determined using the NAV per share (or its equivalent) of the Trust Lands’ ownership interest in partners’ capital.

Income – Private Debt: Consists of five investments in limited partnerships. Generally speaking, the types of strategies included in this portfolio include securitized credit, asset-backed/collateralized loan obligation, mezzanine debt and equity, distressed debt/special situations, co-investments and related investments. These investment commitments were made over a period ranging from 2016 onwards and have an approximate life, including lock-ups of three to nearly 10 years and are therefore considered illiquid. Trust Lands has no plans to liquidate the total portfolio. As of June 30, 2019, it is probable that all the investments in this type would be sold at an amount different from the NAV per share (or its equivalent) of Trust Lands’ ownership interest in partners’ capital.

Defensive – Systematic Convexity: Consists of one investment in a limited partnership with underlying investments in Commodity Trading Advisor/Systematic and associated investment strategies. The fair value of the investment in this type has been determined using the NAV per share (or its equivalent) of Trust Lands’ investments held or ownership interest in partners’ capital.

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Trust Lands manages the exposure to fair value loss arising from increasing interest rates through prudent deployment, management, and oversight of investments with exposure to interest rate sensitivity. Trust Lands does not have a formal policy for interest rate risk.

As of June 30, 2019, Trust Lands’ debt security investments (including the underlying portfolios of indirectly held investments, where available) had the following weighted average maturities:

<table>
<thead>
<tr>
<th>Trust Lands (permanent fund)</th>
<th>Debt Securities Investments</th>
<th>June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment Category</td>
<td>Fair Value ($)</td>
<td>Weighted Average Maturity (Years)</td>
</tr>
<tr>
<td>Bank Loans</td>
<td>10,022</td>
<td>5.35</td>
</tr>
<tr>
<td>Corporate Bonds</td>
<td>54,161</td>
<td>11.14</td>
</tr>
<tr>
<td>Corporate Convertible Bonds</td>
<td>5,202</td>
<td>29.28</td>
</tr>
<tr>
<td>Funds – Corporate Bond</td>
<td>32,146</td>
<td>3.69</td>
</tr>
<tr>
<td>Funds – Fixed Income ETF</td>
<td>165,319</td>
<td>6.99</td>
</tr>
<tr>
<td>Funds – Municipal/Provincial Bond</td>
<td>37,872</td>
<td>0.28</td>
</tr>
<tr>
<td>Government Agencies</td>
<td>429</td>
<td>2.58</td>
</tr>
<tr>
<td>Government Bonds</td>
<td>85,267</td>
<td>24.99</td>
</tr>
<tr>
<td>Other Fixed Income</td>
<td>6,889</td>
<td>0.13</td>
</tr>
<tr>
<td>Total Debt Securities Investments</td>
<td>$ 397,325</td>
<td>10.64</td>
</tr>
</tbody>
</table>

As of June 30, 2019, Trust Lands held $418.856 million in seven investments with a fixed income (or related) investment emphasis.
for which Weighted Average Maturity details were unavailable and not evaluated. These investments included Bank Loan investment funds with other assets held, and hedge fund strategies.

Credit Risk of Debt Securities

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. Trust Lands manages the exposure to fair value loss arising from credit risk through prudent deployment, management, and oversight of investments. Trust Lands does not have a formal policy for credit risk.

As of June 30, 2019, the fair value of Trust Lands’ debt security investments with exposure to credit risk had the following credit quality ratings (S&P rating is primary, if not available or not rated by S&P, corresponding Moody’s rating is substituted).

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AAA</td>
<td>$ 427</td>
<td>$ —</td>
<td>$ 427</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>AA-</td>
<td>$ 168</td>
<td>$ —</td>
<td>$ 168</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
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<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>A</td>
<td>$ 1,333</td>
<td>$ —</td>
<td>$ 1,333</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>A-</td>
<td>$ 3,707</td>
<td>$ —</td>
<td>$ 3,707</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>BBB+</td>
<td>$ 5,619</td>
<td>$ —</td>
<td>$ 5,190</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>BBB</td>
<td>$ 9,722</td>
<td>$ 9,722</td>
<td>$ 9,722</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>BBB-</td>
<td>$ 10,361</td>
<td>$ 827</td>
<td>$ 9,534</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>BB+</td>
<td>$ 5,404</td>
<td>$ 377</td>
<td>$ 4,508</td>
<td>$ 519</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 429</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>BB</td>
<td>$ 6,005</td>
<td>$ 892</td>
<td>$ 4,183</td>
<td>$ 930</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>BB-</td>
<td>$ 6,474</td>
<td>$ 2,046</td>
<td>$ 3,304</td>
<td>$ 1,394</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>B+</td>
<td>$ 5,881</td>
<td>$ 2,047</td>
<td>$ 3,273</td>
<td>$ 561</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>B</td>
<td>$ 4,470</td>
<td>$ 1,541</td>
<td>$ 2,929</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>B-</td>
<td>$ 4,990</td>
<td>$ 1,131</td>
<td>$ 3,859</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>CCC+</td>
<td>$ 1,563</td>
<td>$ 1,378</td>
<td>$ 185</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>CCC</td>
<td>$ 99</td>
<td>$ 99</td>
<td>$ 99</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
</tbody>
</table>

As of June 30, 2019, the Trust Funds held $37.872 million in the Northern Trust Institutional Funds Treasury Portfolio - Premier Class, an AAA-rated money market fund.

Custodial Credit Risk

For an investment, custodial credit risk is the risk that, in the event of the failure of the counterparty, Trust Lands will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Trust Lands does not have a formal policy for custodial credit risk. Investments are registered investments or held by Trust Lands, or by Trust Land’s agent in Trust Land’s name. The State Treasurer is the custodian of investments of Trust Lands, and the investments are held under a custodial safekeeping agreement with the Northern Trust Company.

As of June 30, 2019, the following investments, including accrued income/expense, have custodial credit risk:

- Cash and Cash Equivalents – The $1.732 million frictional cash and cash equivalents subject to custodial credit risk are in foreign banks in the Trust Lands’ name. Because it is in foreign banks, it is subject to custodial credit risk. Trust Lands does not have an investment policy regarding custodial credit risk for frictional cash in foreign banks.
- Other Assets – The $625.417 million other assets represent the investments, including accrued income/expense, that have custodial credit risk which has not been determined.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government’s investment in a single issuer. Trust Lands manages exposure to fair value loss arising from concentrations of credit risk through prudent deployment, management, and oversight of investments. Trust Lands does not have a formal policy for concentrations of credit risk.

As of June 30, 2019, Trust Lands does not hold any credit positions exceeding 5 percent of the total portfolio.

Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. Trust Lands manages exposure to fair value loss arising from foreign currency risk through prudent deployment, management, and oversight of investments. The Trust Lands does not have a formal policy for foreign currency risk.
Trust Lands' exposure to foreign currency (inclusive of pending foreign exchange purchases and sales) as of June 30, 2019, is as follows:

<table>
<thead>
<tr>
<th>Currency</th>
<th>Alternative Investments</th>
<th>Debt</th>
<th>Short-term</th>
<th>Equity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian dollar</td>
<td>$</td>
<td>$</td>
<td>$155</td>
<td>$22,868</td>
<td>$23,023</td>
</tr>
<tr>
<td>British pound sterling</td>
<td>$</td>
<td>$</td>
<td>$151</td>
<td>$23,542</td>
<td>$23,693</td>
</tr>
<tr>
<td>Danish krone</td>
<td>$</td>
<td>$</td>
<td>$41</td>
<td>$5,466</td>
<td>$5,507</td>
</tr>
<tr>
<td>Euro</td>
<td>18,620</td>
<td>430</td>
<td>722</td>
<td>98,324</td>
<td>118,096</td>
</tr>
<tr>
<td>Hong Kong dollar</td>
<td>$</td>
<td>$</td>
<td>$157</td>
<td>$10,306</td>
<td>$10,463</td>
</tr>
<tr>
<td>Israeli new shekel</td>
<td>$</td>
<td>$</td>
<td>$16</td>
<td>$4,726</td>
<td>$4,742</td>
</tr>
<tr>
<td>Japanese yen</td>
<td>$</td>
<td>$</td>
<td>$373</td>
<td>$34,213</td>
<td>$34,586</td>
</tr>
<tr>
<td>New Zealand dollar</td>
<td>$</td>
<td>$</td>
<td>$19</td>
<td>$2,725</td>
<td>$2,744</td>
</tr>
<tr>
<td>Norwegian krone</td>
<td>$</td>
<td>$</td>
<td>$104</td>
<td>$5,727</td>
<td>$5,831</td>
</tr>
<tr>
<td>Singapore dollar</td>
<td>$</td>
<td>$</td>
<td>$16</td>
<td>$5,467</td>
<td>$5,483</td>
</tr>
<tr>
<td>Swedish krona</td>
<td>$</td>
<td>$</td>
<td>$48</td>
<td>$11,999</td>
<td>$12,047</td>
</tr>
<tr>
<td>Swiss franc</td>
<td>$</td>
<td>$</td>
<td>$290</td>
<td>$25,025</td>
<td>$25,315</td>
</tr>
<tr>
<td><strong>Total Securities Subject to Foreign Currency Risk</strong></td>
<td><strong>18,620</strong></td>
<td><strong>430</strong></td>
<td><strong>2,092</strong></td>
<td><strong>250,388</strong></td>
<td><strong>271,530</strong></td>
</tr>
</tbody>
</table>

D. Discrete Component Units

Custodial Credit Risk – Deposits

The custodial credit risk for deposits is the risk that, in the event of a bank failure, the discrete component units’ deposits may not be recovered.

The discrete component units follow the Utah Money Management Act by making deposits only in qualified depository institutions or in foreign depository institutions in accordance with rules of the State Money Management Council. Deposits with qualified depository institutions in excess of FDIC insurance limits amount are uninsured and uncollateralized. Deposits are neither collateralized nor are they required to be by state statute. The deposits for the discrete component units at June 30, 2019, were $312,874 million. Of these, $251,124 million were exposed to custodial credit risk as uninsured and uncollateralized and $52,717 million were exposed to custodial credit risk as uninsured and collateralized with securities held by the pledging financial institution’s trust department or agent but not in the discrete component units’ names.

Investments

The discrete component units follow the applicable investing criteria described above for the primary government, with the exception of the Public Employees Health Program, which is exempt from the Money Management Act.

The Public Employees Health Program is administered by the Utah State Retirement Board (Board). Investments are in accordance with the “prudent person rule.”

College and university funds from gifts, private grants, and the corpus of funds functioning as endowments are invested according to the requirements of the Uniform Prudent Management of Institutional Funds Act (UPMIFA) and State Board of Regents Management and Reporting of Institutional Investments (Rule 541), or separate endowment investment policies, which have been approved by their Board of Trustees and by the Board of Regents. The UPMIFA and Rule 541 allow the colleges and universities to invest endowment funds (including gifts, devises, or bequests of property of any kind from any source) in any investments allowed by the Money Management Act or any of the following subject to satisfying certain criteria: mutual funds registered with the Securities and Exchange Commission; investments sponsored by the Common Fund; any investment made in accordance with the donor’s directions in a written instrument; investments in corporate stock listed on a major exchange (direct ownership); and any alternative investment funds that derive returns primarily from high yield and distressed debt (hedged or non-hedged), private capital (including venture capital and private equity), natural resources, and private real estate assets or absolute return and long/short hedge funds.

The discrete component units’ investments at June 30, 2019, are presented on the next page. The investments are presented at fair value and by investment type with debt securities presented by maturity.

Fair Value Measurements

The State categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. These guidelines recognize a three-tiered fair value hierarchy as follows:

- Level 1: Inputs are quoted prices for identical investments in active markets.
- Level 2: Observable inputs other than quoted market prices.
- Level 3: Unobservable inputs.

The following table presents the recurring fair value measurements at June 30, 2019, for the discrete component units.
Debt securities and Equity securities classified in Level 1 are valued using prices quoted in active markets for those securities. The Domestic Equity securities in Level 1 are valued using prices provided by the fund company.

Securities classified in Level 2 are valued using the following approaches:

- U.S. Treasuries, U.S. Agencies, and International Equity:
  - Valued using quoted prices for identical securities in markets or using a matrix pricing technique that values securities based on their relationship to benchmark quoted prices.
- Corporate Debt, Municipal/Public Bonds, Negotiable Certificates of Deposit, and Equity Securities:
  - Valued using published fair value per share (unit) for each fund.
- Government Mortgage-backed Securities:
  - Valued using a matrix pricing technique that values securities on their relationship to benchmark quoted prices.
- Repurchase Agreement–U.S. Agency:
  - Valued at cost due to very short-term maturity.
- Asset-backed Securities:
  - Valued using a matrix pricing technique that values securities based on their relationship to benchmark quoted prices.
- Money Market Mutual Funds, Bond Mutual Funds, and Domestic Equity:
  - Valued using published fair value per share (unit) for each fund.
- Government Mortgage-backed and Asset-backed:
  - Valued using a matrix pricing technique that values securities based on their relationship to benchmark quoted prices.
Unit Investment Trusts:
- Valued using average published fair value of investments included in the UIT.

Utah Public Treasurers’ Investment Fund:
- Valued using the application of the June 30, 2019, fair value factor, as calculated by the Utah State Treasurer, to the June 30, 2019 balance.

Securities classified in Level 3 are valued using the following approaches:

U.S. Agencies, Corporate Debt, and Government Mortgage-backed:
- Valued using discounted cash flow techniques.

Asset-backed Securities and Non-government-backed CMOs:
- Valued using consensus pricing.

Bond Mutual Funds, Domestic Equity, and Equity Securities:
- Valued using various sources such as issuer, investment manager, client, etc., or default price if price is not provided.

Real Estate:
- Valued using current real estate market values.

Debt Securities Lending Collateral classified in Level 2 are valued using market approaches that consider, as applicable, benchmark interest rates or foreign exchange rates.

Investments Measured at the Net Asset Value (NAV)
The State’s colleges and universities, (discrete component units) administer endowment portfolios of a long-term nature. The strategy, within the constraints of the asset allocation model, is to add assets with higher return expectations in order to outweigh their short-term volatility risk. As a result, endowment investments will typically be invested in equity or equity-like securities, including real assets (real estate, natural resources, and infrastructure). Real assets also are expected to provide the added benefit of inflation protection. The fair values of these types of investments are measured at the NAV per share (or its equivalent) as they generally do not have readily obtainable fair values and often take the form of limited partnerships. The NAV is based on the values provided by the partnerships as well as their audited financial statements. If June 30 statements are available, those values are used preferentially. However, some partnerships have fiscal years ending at other than June 30. If June 30 valuations are not available, the value is progressed from the most recently available valuation taking into account subsequent capital calls and distributions. The following table presents the unfunded commitments, redemption frequency (if currently eligible), and the redemption notice period for the alternative investments measured at NAV:

**Discrete Component Units Debt Securities Investments Measured at the Net Asset Value (NAV)**

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Fair Value</th>
<th>Unfunded Commitments</th>
<th>Redemption Frequency</th>
<th>Redemption Notice Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Sensitive Fixed Income</td>
<td>$28,703</td>
<td>$26,303</td>
<td>Quarterly</td>
<td>90 days</td>
</tr>
<tr>
<td>Diversifying Strategies</td>
<td>171,054</td>
<td>—</td>
<td>Daily, quarterly, annually</td>
<td>0 – 90 Days</td>
</tr>
<tr>
<td>Emerging Markets Equity</td>
<td>4,881</td>
<td>—</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Global Distressed</td>
<td>52</td>
<td>76</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Hedge Funds</td>
<td>4,758</td>
<td>—</td>
<td>Quarterly</td>
<td>100 Days</td>
</tr>
<tr>
<td>Hedge Funds</td>
<td>5,200</td>
<td>—</td>
<td>Daily, monthly, quarterly</td>
<td>1 – 90 Days</td>
</tr>
<tr>
<td>Hedge Funds</td>
<td>69,196</td>
<td>—</td>
<td>Monthly, quarterly</td>
<td>30 – 75 Days</td>
</tr>
<tr>
<td>Interest in an LLC</td>
<td>650</td>
<td>—</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>International Equity</td>
<td>9,189</td>
<td>—</td>
<td>Quarterly</td>
<td>100 Days</td>
</tr>
<tr>
<td>Other Real Assets</td>
<td>72,225</td>
<td>168,248</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Equity</td>
<td>54,959</td>
<td>31,042</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Equity Core Real Estate</td>
<td>8,479</td>
<td>—</td>
<td>Quarterly</td>
<td>30 – 60 Days</td>
</tr>
<tr>
<td>Private Equity Natural Resources</td>
<td>9,216</td>
<td>7,808</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Equity Partnerships</td>
<td>860</td>
<td>—</td>
<td>Quarterly</td>
<td>45 – 60 Days</td>
</tr>
<tr>
<td>Private Equity Partnerships</td>
<td>50</td>
<td>—</td>
<td>Monthly</td>
<td>10 Days</td>
</tr>
<tr>
<td>Private Equity Partnerships</td>
<td>29,008</td>
<td>21,091</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Equity Partnerships</td>
<td>2,479</td>
<td>5,901</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Private Real Estate</td>
<td>21,200</td>
<td>8,687</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Secondary Partners</td>
<td>400</td>
<td>988</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Venture Capital Funds</td>
<td>49,284</td>
<td>36,078</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Investments Measured at NAV</td>
<td>$541,926</td>
<td>$306,237</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Interest Rate Risk

The following table presents the debt investments and maturities at June 30, 2019, for the discrete component units.

<table>
<thead>
<tr>
<th>Debt Investments at Fair Value (expressed in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment Type</td>
</tr>
<tr>
<td>---------------------------------------------------------</td>
</tr>
<tr>
<td>U.S. Treasuries...........................................</td>
</tr>
<tr>
<td>U.S. Agency – full faith..................................</td>
</tr>
<tr>
<td>U.S. Agencies.............................................</td>
</tr>
<tr>
<td>Government Mortgage-backed Securities......................</td>
</tr>
<tr>
<td>Corporate Debt.............................................</td>
</tr>
<tr>
<td>Negotiable Certificates of Deposit........................</td>
</tr>
<tr>
<td>Money Market Mutual Funds..................................</td>
</tr>
<tr>
<td>Municipal/Public Bonds.....................................</td>
</tr>
<tr>
<td>Asset-backed Securities...................................</td>
</tr>
<tr>
<td>Bond Mutual Funds..........................................</td>
</tr>
<tr>
<td>Unit Investment Trusts....................................</td>
</tr>
<tr>
<td>Non-government-backed CMOs................................</td>
</tr>
<tr>
<td>Repurchase Agreement: U.S. Agency..........................</td>
</tr>
<tr>
<td>Securities Lending Cash Collateral Pool....................</td>
</tr>
<tr>
<td>Utah Public Treasurers’ Investment Fund....................</td>
</tr>
<tr>
<td>Total Debt Investments....................................</td>
</tr>
</tbody>
</table>

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment.

The discrete component units’ policy in general for managing interest rate risk is the same as described above for the primary government and endowment funds complying with the State’s Money Management Act or the UPMIFA and Rule 541, as applicable. For non-endowment funds, Section 51-7-11 of the Money Management Act requires that the remaining term to maturity of investments may not exceed the period of availability of the funds to be invested. The Act further limits the remaining term to maturity on all investments in commercial paper, bankers’ acceptances, fixed-rate negotiable deposits, and fixed-rate corporate obligations to 270 days - 15 months or less. The Act further limits the remaining term to maturity on all investments in obligations of the United States Treasury; obligations issued by U.S. government-sponsored enterprises; and bonds, notes, and other evidence of indebtedness of political subdivisions of the State to 10 years for institutions of higher education. In addition, variable rate negotiable deposits and variable rate securities may not have a remaining term to final maturity exceeding three years. For endowment funds, Rule 541 is more general, requiring only that investments be made as a prudent investor would, by considering the purposes, terms, distribution requirements, and other circumstances of the endowments and by exercising reasonable care, skill, and caution.

For the fixed income portfolio, the Public Employees Health Program’s (PEHP) (major discrete component unit) policy to manages its exposure to fair value loss arising from increasing interest rates is that the investment manager’s portfolio will have an effective duration between 75 - 125 percent of the effective duration of the appropriate index.

Duration is a measure of a debt investment’s exposure to fair value changes arising from changes in interest rates. It uses the present value of cash flows, weighted for those cash flows as a percentage of the investments full price. PEHP compares an investment’s effective duration against the Barclays U.S. Intermediate Aggregate Bond Index. The allowable duration range was 4.40 to 7.34 and the portfolio was within the policy guidelines.

Credit Risk of Debt Securities

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The discrete component units’ policy for reducing its exposure to credit risk is to comply with the State’s Money Management Act, the UPMIFA, and Rule 541, as previously discussed. The discrete component units’ debt investments as of June 30, 2019, were rated by Standard and Poor’s and/or an equivalent nationally recognized statistical rating organization and the ratings are presented below using Standard and Poor’s rating scale.

(Table on next page)
Discrete Component Units

Debt Investments Quality Ratings

At June 30, 2019

(expressed in thousands)

<table>
<thead>
<tr>
<th>Debt Investments</th>
<th>Fair Value</th>
<th>AAA</th>
<th>AA</th>
<th>A</th>
<th>BBB</th>
<th>BB</th>
<th>B</th>
<th>Not Rated</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Agencies..................................</td>
<td>$2,077,964</td>
<td>$666,100</td>
<td>$1,145,380</td>
<td>$4,863</td>
<td>$4,867</td>
<td>$ —</td>
<td>$ —</td>
<td>$256,754</td>
</tr>
<tr>
<td>Government Mortgage-backed Securities.....</td>
<td>100,677</td>
<td>91,673</td>
<td>91,673</td>
<td>91,673</td>
<td>91,673</td>
<td>91,673</td>
<td>91,673</td>
<td>91,673</td>
</tr>
<tr>
<td>Corporate Debt................................</td>
<td>654,265</td>
<td>1,944</td>
<td>62,520</td>
<td>360,431</td>
<td>202,593</td>
<td>9,758</td>
<td>17,019</td>
<td></td>
</tr>
<tr>
<td>Negotiable Certificates of Deposit.......</td>
<td>10,315</td>
<td>2,502</td>
<td>3,998</td>
<td>3,998</td>
<td>3,998</td>
<td>3,998</td>
<td>3,998</td>
<td>3,998</td>
</tr>
<tr>
<td>Money Market Mutual Funds..................</td>
<td>210,469</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Municipal/Public Bonds......................</td>
<td>29,322</td>
<td>15,059</td>
<td>7,397</td>
<td>5,886</td>
<td>51</td>
<td>—</td>
<td>—</td>
<td>929</td>
</tr>
<tr>
<td>Asset-backed Securities.....................</td>
<td>30,823</td>
<td>9,814</td>
<td>4,611</td>
<td>70</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>162</td>
</tr>
<tr>
<td>Bond Mutual Funds............................</td>
<td>254,225</td>
<td>—</td>
<td>47,820</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>206,405</td>
</tr>
<tr>
<td>Unit Investment Trusts......................</td>
<td>6,680</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>6,680</td>
</tr>
<tr>
<td>Non-government-backed CMOs..................</td>
<td>299</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>299</td>
</tr>
<tr>
<td>Repurchase Agreement: U.S. Agency..........</td>
<td>81,500</td>
<td>—</td>
<td>81,500</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Securities Lending Cash Collateral Pool...</td>
<td>2,923</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>2,923</td>
</tr>
<tr>
<td>Utah Public Treasurers' Investment Fund...</td>
<td>804,894</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>804,894</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$4,264,356</td>
<td>$695,419</td>
<td>$1,349,228</td>
<td>$466,021</td>
<td>$207,511</td>
<td>$9,758</td>
<td>$152,253</td>
</tr>
</tbody>
</table>

Custodial Credit Risk

Custodial credit risk for investments is the risk that, in the event of a failure of the counter party, the discrete component units will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party. The discrete component units do not have a formal policy for custodial credit risk.

The various discrete component units’ investments at June 30, 2019, were held by the discrete component unit or in the name of the discrete component unit by the discrete component unit’s custodial bank or trustee, except the following, which were uninsured, were not registered in the name of the discrete component unit, and were held by other entities, as listed below (expressed in thousands):

<table>
<thead>
<tr>
<th>Counterparty</th>
<th>Debt Investments</th>
<th>Fair Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Treasuries</td>
<td>$108,704</td>
<td></td>
</tr>
<tr>
<td>U.S. Agency – full faith</td>
<td>$375</td>
<td></td>
</tr>
<tr>
<td>U.S. Agencies</td>
<td>$1,954,566</td>
<td></td>
</tr>
<tr>
<td>Corporate Debt</td>
<td>$294,500</td>
<td></td>
</tr>
<tr>
<td>Municipal/Public Bonds</td>
<td>$23,402</td>
<td></td>
</tr>
<tr>
<td>Unit Investment Trusts</td>
<td>$6,680</td>
<td></td>
</tr>
<tr>
<td>Domestic Equity</td>
<td>$1,313</td>
<td></td>
</tr>
<tr>
<td>Equity Securities</td>
<td>$40,016</td>
<td></td>
</tr>
<tr>
<td>Investments Measured at the Net Asset Value</td>
<td>$133</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Counterparty’s Trust Department or Agent</th>
<th>Debt Investments</th>
<th>Fair Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Treasuries</td>
<td>$3,253</td>
<td></td>
</tr>
<tr>
<td>U.S. Agencies</td>
<td>$69,867</td>
<td></td>
</tr>
<tr>
<td>Corporate Debt</td>
<td>$133,589</td>
<td></td>
</tr>
</tbody>
</table>

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government’s investment in a single issuer. Except for Public Employees Health Program (PEHP) (major discrete component unit), the discrete component units’ policy for reducing this risk of loss is the same as described above for the primary government funds complying with the State’s Money Management Act or as applicable for endowments the UPMIFA, Rule 541, or separate endowment investment policies, which have been approved by their boards of trustees and by the Board of Regents. Rule 17 of the Money Management Council limits non-endowment fund investments in a single issuer of commercial paper and corporate obligations to 5–10 percent depending upon the total dollar amount held in the portfolio. For endowment funds, Rule 541 requires that a minimum of 25 percent of the overall endowment portfolio be invested in fixed income or cash equivalents. Also, the overall endowment portfolio cannot consist of more than 75 percent equity investments. Rule 541 also limits investments in alternative investment funds to between 0 and 30 percent based on the size of the endowment fund.

PEHP’s policy limits the amount that may be invested in any one issuer to between 2 and 5 percent, depending on the credit rating of the security. There is no limit to investments in U.S. Government Securities. All investments are within policy limits.

The University of Utah held more than 5 percent of its total investments in the Federal Home Loan Bank, the Federal Home Loan Mortgage Corporation, the Federal Farm Credit Bank, and the Federal Agricultural Mortgage Corporation. These investments represent 24.70 percent, 7.60 percent, 6.40 percent, and 6.10 percent, respectively, of the University’s total investments.

Utah State University held more than 5 percent of total investments in securities of the Federal Home Loan Bank and Federal Farm Credit Bank. These investments represent 7.91 percent and 8.78 percent respectively of the total investments.

Salt Lake Community College held more than 5 percent of total investments in securities of Federal Home Loan Mortgage Corporation, Federal Home Loan Bank, Federal Farm Credit Bank, Federal National Mortgage Association, and Federal Agriculture Mortgage Corporation. These investments represent 12.40 percent, 10.70 percent, 8.30 percent, 7.60 percent, and 6.90 percent, respectively, of the College’s total investments. These investments represent 45.90 percent of the Colleges total investments.

Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The discrete component units do not have a formal policy to limit foreign currency risk.

University of Utah’s exposure to foreign currency risk is $10,959 million in private real estate investments that are held in Euro currency denomination.

Dixie State University held investments in international equity funds of $1.935 million, and as such, no foreign currency risk is presented.

E. Securities Lending

Utah Retirement Systems (URS) (pension trust and defined contribution plans), Public Employees Health Program (PEHP)
(major discrete component unit) and Trust Lands (permanent fund) participate in security lending programs as authorized by their Boards. Under these programs, securities are transferred to an independent broker or dealer in exchange for collateral in the form of cash, government securities, and for URS and Trust Lands, irrevocable bank letters of credit equal to approximately 102 percent of the fair value of the domestic securities on loan and 105 percent of the fair value of the international securities on loan, and for PEHP 102 percent of the fair value of the domestic securities on loan, with simultaneous agreements to return the collateral for the same securities in the future. For all three state entities, their custodial bank is the agent for each of their securities lending programs. URS securities under loan are maintained in the financial records, and corresponding liabilities are recorded for the market value of the collateral received. PEHP and Trust Lands securities are classified as investments. For the state entities, a corresponding liability is recorded for the market value of the collateral received. For PEHP and Trust Lands, under provision of GASB Statement 28, collateral which cannot be pledged or sold is not recorded as investments nor is the related liability recorded in the financial statements. Pledged non-cash collateral was $1,996 million and $53,962 million for PEHP and Trust Lands, respectively.

At yearend, URS, PEHP and Trust Lands had no credit risk exposure to borrowers because the collateral exceeded the amount borrowed. The securities on loan at yearend for the entities were $993,228 million for URS, $2.792 million for PEHP, and $126,953 million for Trust Lands. Collateral received for those securities on loan was $1,058 billion for URS, $2,923 million for PEHP, and $131,712 million for Trust Lands. Under the terms of the lending agreement, all three state entities are indemnified against loss should the lending agent be unable to recover borrowed securities and distributions due to borrower insolvency or failure of the lending agent to properly evaluate the credit worthiness of the borrower. In addition, they are indemnified against loss should the lending agent fail to demand adequate and appropriate collateral on a timely basis. All securities loaned can be terminated on demand by either the state entity or the borrower. Cash collateral is invested in the lending agent’s short-term investment pool.

Regarding URS and PEHP, the short-term investment pool guidelines specify that a minimum of 20 percent of the invested cash collateral is to be available each business day and that the dollar-weighted average maturity of holdings should not exceed 60 days. The relationship between the maturities of the short-term investment pool and each of the state entities’ loans is affected by the maturities of the securities loans made by other entities that use the agent’s pool, which the state entities cannot determine. Because the securities lending collateral is in a pool maintained by the custodial bank, the state entities do not have the ability to pledge or sell the securities, and it is not necessary to report the total income and expenses of securities lending. Trust Lands’ average term of securities loans was 74 days.

F. Derivative Instruments

Utah Retirement Systems

The Utah Retirement Systems (URS) (pension trust and defined contribution plans) invests in derivative instruments as authorized by Board policy. Derivative instruments are financial arrangements between two parties whose payments are based on, or “derived” from, the performance of some agreed-upon benchmark. All derivative instruments are considered investments. The fair value of all derivative instruments is reported in the Statements of Fiduciary Net Position—Pension and Other Employee Benefit Trust Funds. Within the investment asset class, swaps are recorded in debt securities. By policy, portfolio liabilities associated with investments will be backed by cash equivalents or deliverable securities. URS does not have a policy regarding master netting arrangements. At December 31, 2018, URS had five types of derivative instruments: futures, currency forwards, options, swaps, and Synthetic Guaranteed Investment Contracts (SGIC).

Futures represent commitments to purchase (asset) or sell (liability) securities at a future date at a specified price. Futures contracts are traded on organized exchanges (exchange traded) thereby minimizing URS’s credit risk. The net change in the futures contracts value is settled daily in cash with the exchanges. Net gains or losses resulting from the daily settlements are included with trading account securities gains in the Statement of Changes in Fiduciary Net Position. At December 31, 2018, URS’s investments had the following notional futures balances as shown in the following table:

| Utah Retirement Systems | Futures — Notional Market Value | | | | |
|------------------------|--------------------------------|-----|-----|-----|
|                        | At December 31, 2018 (expressed in thousands) | Defined Benefit Plans | Defined Contribution Plans |
|                        | Cash and Cash Equivalent | | |
| Long.......................... | $ | $ |
| Short.......................... | (90,724) | — |
| Equity.......................... | 106,895 | — |
| Fixed Income | | | |
| Long.......................... | 765,935 | 43,327 |
| Short.......................... | (728,552) | (62,298) |
| Total Futures .......... | (18,597) | (18,971) |

Currency forwards represent forward foreign exchange contracts that are entered into in order to hedge the exposure to changes in foreign currency exchange rates on the foreign currency denominated portfolio holdings. A forward foreign exchange contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. The gain or loss arising from the difference between the original contracts and the closing of such contracts is included in net realized gains or losses on foreign currency related transactions in the Combining Statement of Fiduciary Net Position—Pension. At December 31, 2018, URS investments included the following currency forwards balances as shown in the following table:

(Table on next page)
At December 31, 2018, URS investments had the following option balances as shown in the table below.

**Utah Retirement Systems**  
**Options**  
**At December 31, 2018**  
**Expressed in thousands**

<table>
<thead>
<tr>
<th>Currency</th>
<th>Notional Cost</th>
<th>Pending Foreign Exchange Purchases</th>
<th>Pending Foreign Exchange Sales</th>
<th>Fair Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentine peso...</td>
<td>2,094</td>
<td>765</td>
<td>2,902</td>
<td>2,137</td>
</tr>
<tr>
<td>Australian dollar</td>
<td>14,006</td>
<td>11,989</td>
<td>25,383</td>
<td>13,394</td>
</tr>
<tr>
<td>Brazilian real....</td>
<td>1,972</td>
<td>1,985</td>
<td>—</td>
<td>1,985</td>
</tr>
<tr>
<td>British pound sterling...</td>
<td>332,404</td>
<td>32,305</td>
<td>363,949</td>
<td>331,644</td>
</tr>
<tr>
<td>Canadian dollar....</td>
<td>51,435</td>
<td>5,389</td>
<td>55,506</td>
<td>50,117</td>
</tr>
<tr>
<td>Chilean peso.......</td>
<td>501</td>
<td>1,947</td>
<td>1,410</td>
<td>537</td>
</tr>
<tr>
<td>Colombian peso.....</td>
<td>1,530</td>
<td>1,540</td>
<td>—</td>
<td>1,540</td>
</tr>
<tr>
<td>Czech koruna.......</td>
<td>11,416</td>
<td>11,495</td>
<td>—</td>
<td>11,495</td>
</tr>
<tr>
<td>Danish krone.......</td>
<td>2,519</td>
<td>—</td>
<td>2,528</td>
<td>2,528</td>
</tr>
<tr>
<td>Euro..................</td>
<td>(399,880)</td>
<td>15,404</td>
<td>(417,599)</td>
<td>(402,195)</td>
</tr>
<tr>
<td>Hong Kong dollar...</td>
<td>4,667</td>
<td>3,766</td>
<td>(8,416)</td>
<td>(4,650)</td>
</tr>
<tr>
<td>Hungarian forint...</td>
<td>(1,988)</td>
<td>973</td>
<td>(2,991)</td>
<td>(2,018)</td>
</tr>
<tr>
<td>Indian rupee........</td>
<td>700</td>
<td>715</td>
<td>—</td>
<td>715</td>
</tr>
<tr>
<td>Indonesian rupiah...</td>
<td>3,273</td>
<td>3,354</td>
<td>(38)</td>
<td>3,316</td>
</tr>
<tr>
<td>Japanese yen........</td>
<td>(233,729)</td>
<td>10,507</td>
<td>(251,805)</td>
<td>(241,298)</td>
</tr>
<tr>
<td>Malaysian ringgit...</td>
<td>1,949</td>
<td>—</td>
<td>(1,980)</td>
<td>(1,980)</td>
</tr>
<tr>
<td>Mexican peso.......</td>
<td>(3,702)</td>
<td>22,327</td>
<td>(25,969)</td>
<td>(3,642)</td>
</tr>
<tr>
<td>Israeli new shekel...</td>
<td>(473)</td>
<td>—</td>
<td>(470)</td>
<td>(470)</td>
</tr>
<tr>
<td>New Romanian leu....</td>
<td>(3,678)</td>
<td>—</td>
<td>(3,696)</td>
<td>(3,696)</td>
</tr>
<tr>
<td>New Zealand dollar..</td>
<td>(59,941)</td>
<td>176</td>
<td>(58,770)</td>
<td>(58,594)</td>
</tr>
<tr>
<td>Norwegian krone....</td>
<td>12,847</td>
<td>12,716</td>
<td>—</td>
<td>12,716</td>
</tr>
<tr>
<td>Peruvian nuevo sol...</td>
<td>3,842</td>
<td>—</td>
<td>(3,842)</td>
<td>(3,842)</td>
</tr>
<tr>
<td>Philippine peso....</td>
<td>(3,645)</td>
<td>36</td>
<td>(3,696)</td>
<td>(3,660)</td>
</tr>
<tr>
<td>Russian ruble.......</td>
<td>1,913</td>
<td>1,839</td>
<td>—</td>
<td>1,839</td>
</tr>
<tr>
<td>Singapore dollar...</td>
<td>2,058</td>
<td>2,946</td>
<td>(887)</td>
<td>2,059</td>
</tr>
<tr>
<td>South Korean won....</td>
<td>(25,985)</td>
<td>21</td>
<td>(26,179)</td>
<td>(26,158)</td>
</tr>
<tr>
<td>Swedish krona........</td>
<td>(1,097)</td>
<td>13,087</td>
<td>(14,170)</td>
<td>(1,083)</td>
</tr>
<tr>
<td>Swiss franc.........</td>
<td>625</td>
<td>2,571</td>
<td>(1,970)</td>
<td>601</td>
</tr>
<tr>
<td>Thai bath............</td>
<td>(1,880)</td>
<td>—</td>
<td>(1,899)</td>
<td>(1,899)</td>
</tr>
<tr>
<td>United States dollar...</td>
<td>1,112,079</td>
<td>1,262,229</td>
<td>(150,149)</td>
<td>1,112,080</td>
</tr>
</tbody>
</table>

Total Forwards Subject to  
Foreign Currency Risk.... $ 0 $ 1,420,082 $(1,426,204) $(6,122)

<table>
<thead>
<tr>
<th>Currency</th>
<th>Notional Cost</th>
<th>Pending Foreign Exchange Purchases</th>
<th>Pending Foreign Exchange Sales</th>
<th>Fair Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentine peso...</td>
<td>(569)</td>
<td>—</td>
<td>(581)</td>
<td>(581)</td>
</tr>
<tr>
<td>Australian dollar</td>
<td>(7,302)</td>
<td>1,723</td>
<td>(8,827)</td>
<td>(7,104)</td>
</tr>
<tr>
<td>Brazilian real....</td>
<td>436</td>
<td>439</td>
<td>—</td>
<td>439</td>
</tr>
<tr>
<td>British pound sterling...</td>
<td>(14,916)</td>
<td>1,309</td>
<td>(16,243)</td>
<td>(14,934)</td>
</tr>
<tr>
<td>Canadian dollar....</td>
<td>(5,755)</td>
<td>131</td>
<td>(5,750)</td>
<td>(5,619)</td>
</tr>
<tr>
<td>Chilean peso.......</td>
<td>210</td>
<td>382</td>
<td>(169)</td>
<td>213</td>
</tr>
<tr>
<td>Colombian peso.....</td>
<td>159</td>
<td>160</td>
<td>—</td>
<td>160</td>
</tr>
<tr>
<td>Czech koruna.......</td>
<td>2,187</td>
<td>2,202</td>
<td>—</td>
<td>2,202</td>
</tr>
<tr>
<td>Danish krone.......</td>
<td>(303)</td>
<td>—</td>
<td>(304)</td>
<td>(304)</td>
</tr>
<tr>
<td>Euro..................</td>
<td>(81,036)</td>
<td>126</td>
<td>(81,575)</td>
<td>(81,449)</td>
</tr>
<tr>
<td>Hong Kong dollar...</td>
<td>(1,412)</td>
<td>—</td>
<td>(1,409)</td>
<td>(1,409)</td>
</tr>
<tr>
<td>Hungarian forint...</td>
<td>(483)</td>
<td>—</td>
<td>(488)</td>
<td>(488)</td>
</tr>
<tr>
<td>Indian rupee........</td>
<td>210</td>
<td>214</td>
<td>—</td>
<td>214</td>
</tr>
<tr>
<td>Indonesian rupiah...</td>
<td>538</td>
<td>545</td>
<td>—</td>
<td>545</td>
</tr>
<tr>
<td>Japanese yen........</td>
<td>(44,997)</td>
<td>312</td>
<td>(46,752)</td>
<td>(46,440)</td>
</tr>
<tr>
<td>Malaysian ringgit...</td>
<td>(377)</td>
<td>—</td>
<td>(382)</td>
<td>(382)</td>
</tr>
<tr>
<td>Mexican peso.......</td>
<td>(723)</td>
<td>627</td>
<td>(1,377)</td>
<td>(760)</td>
</tr>
<tr>
<td>Norwegian krone....</td>
<td>2,834</td>
<td>2,804</td>
<td>—</td>
<td>2,804</td>
</tr>
<tr>
<td>Peruvian nuevo sol...</td>
<td>739</td>
<td>—</td>
<td>(739)</td>
<td>(739)</td>
</tr>
<tr>
<td>Philippine peso....</td>
<td>(728)</td>
<td>—</td>
<td>(731)</td>
<td>(731)</td>
</tr>
<tr>
<td>Russian ruble.......</td>
<td>376</td>
<td>361</td>
<td>—</td>
<td>361</td>
</tr>
<tr>
<td>Singapore dollar...</td>
<td>462</td>
<td>463</td>
<td>—</td>
<td>463</td>
</tr>
<tr>
<td>South Korean won....</td>
<td>(2,982)</td>
<td>—</td>
<td>(3,014)</td>
<td>(3,014)</td>
</tr>
<tr>
<td>Swedish krona........</td>
<td>(582)</td>
<td>430</td>
<td>(1,022)</td>
<td>(592)</td>
</tr>
<tr>
<td>Thai bath............</td>
<td>(552)</td>
<td>—</td>
<td>(558)</td>
<td>(558)</td>
</tr>
<tr>
<td>United States dollar...</td>
<td>164,459</td>
<td>176,096</td>
<td>(11,634)</td>
<td>164,462</td>
</tr>
</tbody>
</table>

Total Forwards Subject to  
Foreign Currency Risk.... $ 0 $ 188,324 $(189,806) $(1,482)

The option’s price is usually a small percentage of the underlying asset’s value. As a writer of financial options, URS receives a premium at the outset of the agreement and bears the risk of an unfavorable change in the price of the financial instrument underlying the option. As a purchaser of financial options, URS pays a premium at the outset of the agreement and the counterparty bears the risk of an unfavorable change in the price of the financial instrument underlying the option.

URS has entered into various inflation, credit default, and interest rate swap agreements in an attempt to manage their exposure to inflation, credit, and interest rate risk. Interest rate and inflation risk represent the exposure to fair value losses arising from the future changes in prevailing market interest rates. Credit risk is an investor’s risk of loss arising from a borrower who does not make payments as promised. Swaps represent an agreement between two or more parties to exchange sequences of cash flows over a period in the future. In the most common type of interest rate swap arrangement, one party agrees to pay fixed interest payments on designated dates to a counterparty who, in turn, agrees to make return interest payments that float with some reference rate. The real estate interest rate swaps allowed URS to effectively convert most of its long-term variable interest rate credit facility loans into fixed interest rate loans, thereby mitigating some of its interest rate risk. All swap instruments contain collateral clauses. Gains and losses on swaps are determined based on fair values and are recorded in the Combining Statement of Fiduciary Net Position-Pension. Swap fair values are determined by an independent third party.
As of December 31, 2018, URS’ investments had the swap market value balances as shown in the following table:

<table>
<thead>
<tr>
<th>Notional Amount</th>
<th>URS Rate</th>
<th>Counterparty Rate</th>
<th>Maturity Date</th>
<th>Credit Rating</th>
<th>Fair Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goldman Sachs</td>
<td>125,000</td>
<td>3M LIBOR</td>
<td>9/18/20</td>
<td>A+</td>
<td>$ (1,196)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>32,940</td>
<td>2.23%</td>
<td>9/18/20</td>
<td>A-</td>
<td>(542)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>19,930</td>
<td>(0.14)%</td>
<td>11/12/20</td>
<td>A-</td>
<td>(17)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>12,810</td>
<td>(0.16)%</td>
<td>11/12/20</td>
<td>A-</td>
<td>(4)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>7,120</td>
<td>(0.17)%</td>
<td>11/12/20</td>
<td>A-</td>
<td>(2)</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>44,810</td>
<td>(0.14)%</td>
<td>12/11/20</td>
<td>A+</td>
<td>(38)</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>28,810</td>
<td>0.16%</td>
<td>12/11/20</td>
<td>A+</td>
<td>(10)</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>16,000</td>
<td>(0.17)%</td>
<td>12/11/20</td>
<td>A+</td>
<td>(4)</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>57,050</td>
<td>2.86%</td>
<td>12/31/20</td>
<td>A+</td>
<td>(219)</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>48,560</td>
<td>2.77%</td>
<td>12/31/20</td>
<td>A+</td>
<td>(112)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>25,330</td>
<td>2.86%</td>
<td>12/31/20</td>
<td>A-</td>
<td>(97)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>21,680</td>
<td>2.77%</td>
<td>12/31/20</td>
<td>A-</td>
<td>(50)</td>
</tr>
<tr>
<td>Bank of America</td>
<td>4,460</td>
<td>3M LIBOR</td>
<td>11/22/21</td>
<td>A-</td>
<td>47</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>940</td>
<td>3M LIBOR</td>
<td>12/31/21</td>
<td>A+</td>
<td>9</td>
</tr>
<tr>
<td>Bank of America</td>
<td>4,310</td>
<td>3M LIBOR</td>
<td>12/31/21</td>
<td>A-</td>
<td>42</td>
</tr>
<tr>
<td>Bank of America</td>
<td>4,310</td>
<td>3M LIBOR</td>
<td>12/31/21</td>
<td>A-</td>
<td>42</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>15,280</td>
<td>3M LIBOR</td>
<td>12/6/21</td>
<td>A+</td>
<td>141</td>
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<tr>
<td>Bank of America</td>
<td>10,460</td>
<td>3M LIBOR</td>
<td>12/6/21</td>
<td>A+</td>
<td>93</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>2,995</td>
<td>3M LIBOR</td>
<td>12/9/21</td>
<td>A+</td>
<td>22</td>
</tr>
<tr>
<td>Bank of America</td>
<td>4,395</td>
<td>3M LIBOR</td>
<td>12/10/21</td>
<td>A-</td>
<td>32</td>
</tr>
<tr>
<td>Bank of America</td>
<td>7,850</td>
<td>3M LIBOR</td>
<td>12/10/21</td>
<td>A-</td>
<td>47</td>
</tr>
<tr>
<td>Bank of America</td>
<td>8,790</td>
<td>3M LIBOR</td>
<td>12/10/21</td>
<td>A-</td>
<td>70</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>9,870</td>
<td>3M LIBOR</td>
<td>12/10/21</td>
<td>A+</td>
<td>72</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>19,740</td>
<td>3M LIBOR</td>
<td>12/10/21</td>
<td>A+</td>
<td>157</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>9,870</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A+</td>
<td>58</td>
</tr>
<tr>
<td>Bank of America</td>
<td>1,265</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A-</td>
<td>8</td>
</tr>
<tr>
<td>Bank of America</td>
<td>3,300</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A-</td>
<td>17</td>
</tr>
<tr>
<td>Bank of America</td>
<td>4,395</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A-</td>
<td>26</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>7,430</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A+</td>
<td>39</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>7,420</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A+</td>
<td>45</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>7,965</td>
<td>3M LIBOR</td>
<td>12/12/21</td>
<td>A+</td>
<td>58</td>
</tr>
<tr>
<td>Bank of America</td>
<td>4,390</td>
<td>3M LIBOR</td>
<td>12/17/21</td>
<td>A-</td>
<td>28</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>9,910</td>
<td>3M LIBOR</td>
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<td>(335)</td>
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<td>6M EURIB</td>
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<td>A+</td>
<td>(58)</td>
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<td>Bank of America</td>
<td>7,790</td>
<td>6M EURIB</td>
<td>12/17/22</td>
<td>A-</td>
<td>(26)</td>
</tr>
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<td>6,360</td>
<td>6M EURIB</td>
<td>12/17/22</td>
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<td>40</td>
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<td>12/21/22</td>
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<td>Bank of America</td>
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<td>3M LIBOR</td>
<td>12/22/22</td>
<td>A-</td>
<td>33</td>
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</table>
### Fixed Income Portfolio Swaps

**At December 31, 2018**

**Notional Amount**

<table>
<thead>
<tr>
<th>Notional Amount</th>
<th>URS Rate</th>
<th>Counterparty Rate</th>
<th>Maturity Date</th>
<th>Credit Rating</th>
<th>Fair Value</th>
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<tr>
<td>Bank of America</td>
<td>$12,360</td>
<td>3M LIBOR 2.65%</td>
<td>12/22/22</td>
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<td>$ 37</td>
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<td>39</td>
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<td>Bank of America</td>
<td>9,010</td>
<td>3M LIBOR 2.73%</td>
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<tr>
<td>Goldman Sachs</td>
<td>14,740</td>
<td>3M LIBOR 2.64%</td>
<td>12/22/22</td>
<td>A+</td>
<td>41</td>
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<tr>
<td>Goldman Sachs</td>
<td>23,830</td>
<td>3M LIBOR 2.63%</td>
<td>12/22/22</td>
<td>A+</td>
<td>63</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>23,830</td>
<td>3M LIBOR 2.65%</td>
<td>12/22/22</td>
<td>A+</td>
<td>72</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>20,360</td>
<td>3M LIBOR 2.73%</td>
<td>12/22/22</td>
<td>A+</td>
<td>92</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>39,610</td>
<td>3M LIBOR 2.7%</td>
<td>12/22/22</td>
<td>A+</td>
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<td>Bank of America</td>
<td>32,830</td>
<td>1.38% CPTFE</td>
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<td>(107)</td>
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<td>Bank of America</td>
<td>6,296,410</td>
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<td>10,820</td>
<td>1.38% CPTFE</td>
<td>4/15/23</td>
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<td>Goldman Sachs</td>
<td>25,951</td>
<td>3.26% RPI</td>
<td>5/31/23</td>
<td>A-</td>
<td>442</td>
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<td>61,430</td>
<td>1DFFUND 2.68%</td>
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<td>32,940</td>
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<td>3.41% RPI</td>
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<td>15</td>
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<td>608</td>
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<td>Goldman Sachs</td>
<td>38,428</td>
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<td>(840)</td>
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<tr>
<td>Bank of America</td>
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<td>(567)</td>
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<td>250</td>
<td>—% —% RPI</td>
<td>12/20/23</td>
<td>A+</td>
<td>60</td>
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<tr>
<td>Goldman Sachs</td>
<td>15,290</td>
<td>5% 1%</td>
<td>12/20/23</td>
<td>A+</td>
<td>60</td>
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<td>Goldman Sachs</td>
<td>53,240</td>
<td>2.92% 3M LIBOR</td>
<td>7/19/24</td>
<td>A+</td>
<td>(283)</td>
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<td>Bank of America</td>
<td>23,720</td>
<td>2.92% 3M LIBOR</td>
<td>7/19/24</td>
<td>A+</td>
<td>(126)</td>
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<td>7,010</td>
<td>3.02% 3M LIBOR</td>
<td>12/3/24</td>
<td>A+</td>
<td>(145)</td>
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<td>Bank of America</td>
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<td>3.02% 3M LIBOR</td>
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<td>(63)</td>
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<td>12/3/24</td>
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<td>533</td>
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<td>15,010</td>
<td>2.87% 3M LIBOR</td>
<td>12/16/24</td>
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<td>(208)</td>
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<td>6,530</td>
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<td>(90)</td>
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<td>(26)</td>
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<td>12/23/24</td>
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<td>12/23/24</td>
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<td>(27)</td>
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<td>Goldman Sachs</td>
<td>21,625</td>
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<td>12/27/25</td>
<td>A+</td>
<td>(291)</td>
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<td>Goldman Sachs</td>
<td>12,035</td>
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<td>12,500</td>
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<td>7/19/26</td>
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<td>(35)</td>
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<tr>
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<td>28,060</td>
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<td>723,570</td>
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<td>12,660</td>
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<td>(221)</td>
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<td>6M EURIB 0.78%</td>
<td>2/15/28</td>
<td>A-</td>
<td>11</td>
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<td>Goldman Sachs</td>
<td>6,100</td>
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<td>2/15/28</td>
<td>A+</td>
<td>25</td>
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<td>6M EURIB 0.8%</td>
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<td>25</td>
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<td>A+</td>
<td>55</td>
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<td>59</td>
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<td>Goldman Sachs</td>
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<td>2/15/28</td>
<td>A+</td>
<td>135</td>
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<tr>
<td>Bank of America</td>
<td>19,230</td>
<td>6M EURIB 0.83%</td>
<td>2/15/28</td>
<td>A-</td>
<td>167</td>
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<td>Bank of America</td>
<td>12,930</td>
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<td>1.04% 6M EURIB</td>
<td>3/23/28</td>
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<td>(160)</td>
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</tbody>
</table>
## Fixed Income Portfolio Swaps

At December 31, 2018

(dollars expressed in thousands)

<table>
<thead>
<tr>
<th>Notional Amount</th>
<th>URS Rate</th>
<th>Counterparty Rate</th>
<th>Maturity Date</th>
<th>Credit Rating</th>
<th>Fair Value</th>
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<td>RPI</td>
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<td>6/15/28</td>
<td>A-</td>
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<td>Goldman Sachs</td>
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<td>7/25/28</td>
<td>A+</td>
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<td>7/25/28</td>
<td>A-</td>
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<td>8/15/28</td>
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<td>4,840</td>
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<td>8/15/28</td>
<td>A+</td>
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<td>Goldman Sachs</td>
<td>10,980</td>
<td>3M LIBOR</td>
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<td>8/15/28</td>
<td>A+</td>
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<td>A+</td>
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<td>A-</td>
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<td>A-</td>
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<td>10/4/28</td>
<td>A+</td>
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<td>3M LIBOR</td>
<td>10/9/28</td>
<td>A+</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>2,150</td>
<td>3.28%</td>
<td>3M LIBOR</td>
<td>10/9/28</td>
<td>A+</td>
</tr>
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<td>A+</td>
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<td>UKRPI</td>
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<td>UKRPI</td>
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<td>5/15/47</td>
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<td>RPI</td>
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<td>A-</td>
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<td>EUR P</td>
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<td>1,605</td>
<td>EUR P</td>
<td>1.99%</td>
<td>1/15/48</td>
<td>A-</td>
</tr>
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<td>3.51%</td>
<td>RPI</td>
<td>2/15/48</td>
<td>A-</td>
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<td>Bank of America</td>
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<td>Bank of America</td>
<td>1,460</td>
<td>EUR P</td>
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<td>6/15/48</td>
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</tr>
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<td>EUR P</td>
<td>1.9%</td>
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</tr>
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<td>3.08%</td>
<td>2/20/53</td>
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Total Interest Rate and Credit Default Swaps - Defined Benefit

$11,589,746

$ (7,318)

Table continues on next page.
Defined Contribution

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<tr>
<th>Notional Amount ($ in thousands)</th>
<th>URS Rate</th>
<th>Counterparty Rate</th>
<th>Maturity Date</th>
<th>Credit Rating</th>
<th>Fair Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Suisse First Boston</td>
<td>1,500</td>
<td>2.23% US CPI</td>
<td>9/18/20</td>
<td>BBB+</td>
<td>(24)</td>
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<td>BBB+</td>
<td>8</td>
</tr>
<tr>
<td>Credit Suisse First Boston</td>
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<td>4</td>
</tr>
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<td>2</td>
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<tr>
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<td>8/11/27</td>
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<td>Credit Suisse First Boston</td>
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<td>11/15/27</td>
<td>BBB+</td>
<td>8</td>
</tr>
<tr>
<td>Credit Suisse First Boston</td>
<td>1,050</td>
<td>UK RPI 3.41%</td>
<td>1/15/28</td>
<td>BBB+</td>
<td>(19)</td>
</tr>
<tr>
<td>Credit Suisse First Boston</td>
<td>220</td>
<td>6M EURIB 0.78%</td>
<td>2/15/28</td>
<td>BBB+</td>
<td>1</td>
</tr>
<tr>
<td>Credit Suisse First Boston</td>
<td>340</td>
<td>6M EURIB 0.8%</td>
<td>2/15/28</td>
<td>BBB+</td>
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<td>6M EURIB 0.82%</td>
<td>2/15/28</td>
<td>BBB+</td>
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</table>
## Fixed Income Portfolio Swaps

**At December 31, 2018**

*(dollars expressed in thousands)*

<table>
<thead>
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<th>Notional Amount</th>
<th>URS Rate</th>
<th>Counterparty Rate</th>
<th>Maturity Date</th>
<th>Credit Rating</th>
<th>Fair Value</th>
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<tbody>
<tr>
<td>$2,150</td>
<td>3.21%</td>
<td>3M LIBOR</td>
<td>3/19/28</td>
<td>A-</td>
<td>$ (85)</td>
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<tr>
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</tr>
<tr>
<td>$118,900</td>
<td>0.32%</td>
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<td>4/27/28</td>
<td>BBB+</td>
<td>(18)</td>
</tr>
<tr>
<td>$140</td>
<td>UK RPI</td>
<td>3.34%</td>
<td>6/15/28</td>
<td>BBB+</td>
<td>(5)</td>
</tr>
<tr>
<td>$90</td>
<td>3.05%</td>
<td>3M LIBOR</td>
<td>7/25/28</td>
<td>BBB+</td>
<td>(4)</td>
</tr>
<tr>
<td>$770</td>
<td>UK RPI</td>
<td>3.39%</td>
<td>8/15/28</td>
<td>BBB+</td>
<td>(20)</td>
</tr>
<tr>
<td>$522</td>
<td>3.12%</td>
<td>3M LIBOR</td>
<td>8/15/28</td>
<td>BBB+</td>
<td>(18)</td>
</tr>
<tr>
<td>$390</td>
<td>3M LIBOR</td>
<td>3.05%</td>
<td>8/15/28</td>
<td>BBB+</td>
<td>4</td>
</tr>
<tr>
<td>$40</td>
<td>6M EURIB</td>
<td>0.88%</td>
<td>8/28/28</td>
<td>BBB+</td>
<td>1</td>
</tr>
<tr>
<td>$1,395</td>
<td>UK RPI</td>
<td>3.5%</td>
<td>9/15/28</td>
<td>BBB+</td>
<td>(9)</td>
</tr>
<tr>
<td>$130</td>
<td>3M LIBOR</td>
<td>3.05%</td>
<td>10/9/28</td>
<td>BBB+</td>
<td>7</td>
</tr>
<tr>
<td>$90</td>
<td>3.28%</td>
<td>3M LIBOR</td>
<td>10/9/28</td>
<td>BBB+</td>
<td>(5)</td>
</tr>
<tr>
<td>$130</td>
<td>3M LIBOR</td>
<td>3.25%</td>
<td>10/9/28</td>
<td>BBB+</td>
<td>(1)</td>
</tr>
<tr>
<td>$460</td>
<td>3.27%</td>
<td>3M LIBOR</td>
<td>10/9/28</td>
<td>BBB+</td>
<td>(25)</td>
</tr>
<tr>
<td>$90</td>
<td>3.28%</td>
<td>3M LIBOR</td>
<td>10/9/28</td>
<td>BBB+</td>
<td>1</td>
</tr>
<tr>
<td>$460</td>
<td>3.27%</td>
<td>3M LIBOR</td>
<td>10/9/28</td>
<td>BBB+</td>
<td>3</td>
</tr>
<tr>
<td>$1,315</td>
<td>2.25%</td>
<td>US CPI</td>
<td>10/30/28</td>
<td>BBB+</td>
<td>(35)</td>
</tr>
<tr>
<td>$59,140</td>
<td>0.35%</td>
<td>6M LIBOR</td>
<td>11/1/28</td>
<td>BBB+</td>
<td>(11)</td>
</tr>
<tr>
<td>$225</td>
<td>3.27%</td>
<td>3M LIBOR</td>
<td>11/9/28</td>
<td>BBB+</td>
<td>(12)</td>
</tr>
<tr>
<td>$225</td>
<td>3.27%</td>
<td>3M LIBOR</td>
<td>11/9/28</td>
<td>BBB+</td>
<td>1</td>
</tr>
<tr>
<td>$1,330</td>
<td>3M LIBOR</td>
<td>3.14%</td>
<td>11/29/28</td>
<td>BBB+</td>
<td>(3)</td>
</tr>
<tr>
<td>$1,330</td>
<td>3.14%</td>
<td>3M LIBOR</td>
<td>11/29/28</td>
<td>BBB+</td>
<td>52</td>
</tr>
<tr>
<td>$3,450</td>
<td>2.8%</td>
<td>3M LIBOR</td>
<td>3/20/29</td>
<td>BBB+</td>
<td>(20)</td>
</tr>
<tr>
<td>$115</td>
<td>EUR CPI</td>
<td>1.83%</td>
<td>5/15/47</td>
<td>BBB+</td>
<td>3</td>
</tr>
<tr>
<td>$555</td>
<td>3.55%</td>
<td>UK RPI</td>
<td>11/15/47</td>
<td>BBB+</td>
<td>(28)</td>
</tr>
<tr>
<td>$925</td>
<td>UK RPI</td>
<td>3.55%</td>
<td>11/15/32</td>
<td>BBB+</td>
<td>1</td>
</tr>
<tr>
<td>$270</td>
<td>3M LIBOR</td>
<td>3.25%</td>
<td>2/15/36</td>
<td>BBB+</td>
<td>6</td>
</tr>
<tr>
<td>$555</td>
<td>UK RPI</td>
<td>3.6%</td>
<td>11/15/42</td>
<td>BBB+</td>
<td>17</td>
</tr>
<tr>
<td>$880</td>
<td>3.23%</td>
<td>3M LIBOR</td>
<td>5/15/44</td>
<td>BBB+</td>
<td>(60)</td>
</tr>
<tr>
<td>$120</td>
<td>EUR CPI</td>
<td>1.97%</td>
<td>1/15/48</td>
<td>BBB+</td>
<td>8</td>
</tr>
<tr>
<td>$120</td>
<td>EUR CPI</td>
<td>1.99%</td>
<td>1/15/48</td>
<td>BBB+</td>
<td>9</td>
</tr>
<tr>
<td>$265</td>
<td>UK RPI</td>
<td>3.51%</td>
<td>2/15/48</td>
<td>BBB+</td>
<td>8</td>
</tr>
<tr>
<td>$255</td>
<td>UK RPI</td>
<td>3.51%</td>
<td>2/15/48</td>
<td>BBB+</td>
<td>(8)</td>
</tr>
<tr>
<td>$120</td>
<td>3.41%</td>
<td>UK RPI</td>
<td>3/15/48</td>
<td>BBB+</td>
<td>6</td>
</tr>
<tr>
<td>$125</td>
<td>EUR CPI</td>
<td>1.98%</td>
<td>6/15/48</td>
<td>BBB+</td>
<td>9</td>
</tr>
<tr>
<td>$145</td>
<td>2.8%</td>
<td>EUR CPI</td>
<td>7/15/48</td>
<td>BBB+</td>
<td>(12)</td>
</tr>
<tr>
<td>$170</td>
<td>UK RPI</td>
<td>3.44%</td>
<td>8/15/48</td>
<td>BBB+</td>
<td>(5)</td>
</tr>
<tr>
<td>$60</td>
<td>EUR CPI</td>
<td>1.95%</td>
<td>8/15/48</td>
<td>BBB+</td>
<td>3</td>
</tr>
<tr>
<td>$260</td>
<td>3.47%</td>
<td>UK RPI</td>
<td>9/15/48</td>
<td>BBB+</td>
<td>2</td>
</tr>
<tr>
<td>$300</td>
<td>EUR CPI</td>
<td>1.9%</td>
<td>12/15/48</td>
<td>BBB+</td>
<td>10</td>
</tr>
</tbody>
</table>

### Total Interest Rate and Credit Default Swaps - Defined Contribution

- **Notional Amount:** $819,797
- **Fair Value:** $ (333)

### Grand Total Interest Rate and Credit Default Swaps

- **Notional Amount:** $12,409,543
- **Fair Value:** $ (7,651)
Derivative instruments that are exchange traded are not subject to credit risk. No derivative instruments held are subject to custodial credit risk. The maximum loss that would be recognized as of December 31, 2018, if all counterparties fail to perform as contracted, was $1.632 billion. Derivative instrument credit risk at fair value is shown in the table below.

<table>
<thead>
<tr>
<th>Quality Rating</th>
<th>Forwards</th>
<th>Options</th>
<th>Swaps</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA+</td>
<td>$ (262)</td>
<td>$ —</td>
<td>$ —</td>
<td>$ (262)</td>
</tr>
<tr>
<td>AA-</td>
<td>(466)</td>
<td>—</td>
<td>—</td>
<td>(466)</td>
</tr>
<tr>
<td>A+</td>
<td>(315)</td>
<td>433</td>
<td>—</td>
<td>118</td>
</tr>
<tr>
<td>A</td>
<td>(334)</td>
<td>411</td>
<td>—</td>
<td>77</td>
</tr>
<tr>
<td>A-</td>
<td>(435)</td>
<td>1,226</td>
<td>(1,778)</td>
<td>(987)</td>
</tr>
<tr>
<td>BBB+</td>
<td>(141)</td>
<td>(1,687)</td>
<td>(103)</td>
<td>(1,931)</td>
</tr>
<tr>
<td>BBB</td>
<td>(5,148)</td>
<td>(3,127)</td>
<td>—</td>
<td>(8,275)</td>
</tr>
<tr>
<td>BBB-</td>
<td>(487)</td>
<td>—</td>
<td>—</td>
<td>(487)</td>
</tr>
<tr>
<td>NA</td>
<td>(14)</td>
<td>4,315</td>
<td>361</td>
<td>4,662</td>
</tr>
<tr>
<td>Total Subject to Credit Risk</td>
<td>$ (7,602)</td>
<td>$ 1,571</td>
<td>$ (1,520)</td>
<td>$ (7,551)</td>
</tr>
</tbody>
</table>

This maximum exposure is reduced by $1.644 billion of liabilities, resulting in $0 exposure to credit risk. Credit ratings for the wrap contracts associated with the Synthetic Guaranteed Investment Contracts (SGICs) are noted in a subsequent table. As of December 31, 2018, the counterparties’ credit ratings for currency forwards, options, and swaps are subject to credit risk.

URS Defined Contribution Plans members are able to participate in SGICs. The SGICs are fully benefit responsive, which means that URS is prohibited from assigning and selling the contract or its proceeds to a third party without the consent of the issuer. Prospective interest crediting rate adjustments are provided to plan participants. The SGICs provide assurance that the probability of future rate adjustments resulting in an interest crediting rate less than zero is remote. The underlying investments are high credit quality averaging A+ and therefore credit loss is remote. The terms of the SGICs require all plan participants to initiate transactions within the fund at contract value. The contract value is the fair value (cost plus accrued interest). The fair value of these contracts as of December 31, 2018, was $950,049 million and the market value was $944,737 million. Credit ratings for the wrap contracts associated with the SGICs are also noted below.

<table>
<thead>
<tr>
<th>1-5 Yr. Government/Credit Bond</th>
<th>Intermediate Government/Credit Bond</th>
<th>MetLife Separate Account</th>
<th>Total Underlying Investments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fair Value</td>
<td>Market Value</td>
<td>Duration</td>
<td>Credit Rating</td>
</tr>
<tr>
<td>Asset-backed Securities</td>
<td>$ 99,295</td>
<td>$ 98,526</td>
<td>1.27</td>
</tr>
<tr>
<td>Agencies</td>
<td>49,874</td>
<td>49,488</td>
<td>2.19</td>
</tr>
<tr>
<td>Government Mortgage backed Securities</td>
<td>40,724</td>
<td>40,408</td>
<td>3.06</td>
</tr>
<tr>
<td>U.S. Treasuries</td>
<td>45,253</td>
<td>44,903</td>
<td>3.98</td>
</tr>
<tr>
<td>Commercial Mortgage backed Securities</td>
<td>59,296</td>
<td>58,837</td>
<td>1.31</td>
</tr>
<tr>
<td>Cash</td>
<td>4,892</td>
<td>4,854</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>$452,987</td>
<td>$449,479</td>
<td>$301,823</td>
</tr>
</tbody>
</table>
Wrap Contracts
At December 31, 2018
(dollars expressed in thousands)

<table>
<thead>
<tr>
<th>Contract Issuer</th>
<th>Fair Value</th>
<th>Market Value</th>
<th>Rate</th>
<th>Duration</th>
<th>Quality Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>American General.........</td>
<td>$ 86,295</td>
<td>$ 85,701</td>
<td>2.49%</td>
<td>3.08</td>
<td>A+</td>
</tr>
<tr>
<td>Lincoln National Life....</td>
<td>118,535</td>
<td>117,257</td>
<td>2.28%</td>
<td>3.08</td>
<td>AA-</td>
</tr>
<tr>
<td>MetLife....................</td>
<td>195,239</td>
<td>195,770</td>
<td>3.40%</td>
<td>1.85</td>
<td>AA-</td>
</tr>
<tr>
<td>Transamerica..............</td>
<td>189,467</td>
<td>188,331</td>
<td>2.16%</td>
<td>3.08</td>
<td>AA-</td>
</tr>
<tr>
<td>Pacific Life..............</td>
<td>206,054</td>
<td>203,770</td>
<td>2.91%</td>
<td>3.08</td>
<td>AA-</td>
</tr>
<tr>
<td>Royal Bank of Canada......</td>
<td>154,459</td>
<td>153,908</td>
<td>2.76%</td>
<td>3.08</td>
<td>AA-</td>
</tr>
<tr>
<td>Subtotal Wrap Contracts...</td>
<td>950,049</td>
<td>944,737</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Merrill Lynch Repurchase..</td>
<td>74,164</td>
<td>74,164</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total........................</td>
<td>$ 1,024,213</td>
<td>$ 1,018,901</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Trust Lands
Trust Lands (permanent fund) invests in derivative instruments through external investment managers retained by the Board and subject to investment management agreements and other policy requirements. Derivative instruments are financial arrangements between two parties whose payments are based on, or “derived” from, the performance of some agreed-upon benchmark. All derivative instruments are considered investments. The fair value of all derivative instruments is reported in the Statement of Net Position. Trust Lands does not have a formal policy for derivative instruments.

As of June 30, 2019, Trust Lands had the following exposure types classified within Derivative Instruments: Equity Rights/Warrants, Currency Forwards, Options, Swaps, and Futures as shown in the table below.

<table>
<thead>
<tr>
<th>Risk Type</th>
<th>Gross Notional Value</th>
<th>Asset Fair Market Value</th>
<th>Liability Fair Market Value</th>
<th>Earnings (Losses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity Rights/Warrants,....</td>
<td>$ 388</td>
<td>$ 30</td>
<td>$ —</td>
<td>$ 36</td>
</tr>
<tr>
<td>Currency Forwards,....</td>
<td>900</td>
<td>—</td>
<td>(6)</td>
<td>106</td>
</tr>
<tr>
<td>SWAPs,....</td>
<td>8,900</td>
<td>206</td>
<td>(473)</td>
<td>(27)</td>
</tr>
<tr>
<td>Futures,....</td>
<td>5,970</td>
<td>—</td>
<td>—</td>
<td>547</td>
</tr>
<tr>
<td>Total,....</td>
<td>$ 15,978</td>
<td>$ 236</td>
<td>(479)</td>
<td>$ 662</td>
</tr>
</tbody>
</table>

Equity Rights are rights given to existing stockholders to purchase newly issued shares in proportion to their holdings at a specific date. Equity Warrants are certificates entitling the holder to acquire shares of stock at a certain price within a stated period. Warrants often are made part of the issuance of bonds or preferred or common stock. The balances of equity rights/warrants are included in the Statements of Changes in Net Position.

Currency forwards represent forward foreign exchange contracts that are entered into in order to hedge the exposure to changes in foreign currency exchange rates on the foreign currency denominated portfolio holdings. A forward foreign exchange contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. The gain or loss arising from the difference between the original contracts and the closing of such contracts is included in the net realized gains or losses on foreign currency related transactions in the Statements of Changes in Net Position.

Options represent or give buyers the right, but not the obligation, to buy (call) or sell (put) an asset at a preset price over a specified period. The option’s price is usually a small percentage of the underlying asset’s value. Trust Lands has exposure to Options related to Interest Rates and Swaps. As a writer of financial options through external investment manager portfolios (as authorized), Trust Lands receives a premium at the outset of the agreement and bears the risk of an unfavorable change in the price of the financial instrument underlying the option. As a purchaser of financial options through external investment manager portfolios (as authorized), Trust Lands pays a premium at the outset of the agreement and the counter-party bears the risk of an unfavorable change in the price of the financial instrument underlying the option.

Swaps represent an agreement between two or more parties to exchange sequences of cash flows over a period in the future. In the most common type of interest rate swap arrangement, one party agrees to pay fixed interest payments on designated dates to a counterparty, who in turn agrees to make return interest payments that float with some reference rate. Gains and losses on swaps are determined based on market values and are recorded in the Statements of Changes in Net Position. Swap market values are determined by an independent third party.

Futures represent a financial contract obligating the buyer to purchase an asset or the seller to sell an asset, such as a physical commodity or a financial instrument, at a predetermined future date and price. Futures contracts are valued at their last reported sales.
price as of measurement date and are included in the Statements of Changes in Net Position.

**Student Assistance Program**

The following are disclosures for derivative instruments held by Student Assistance Program (major enterprise fund).

Objective – In order to protect against the potential of rising interest rates on its variable rate debt, the Student Assistance Program Board entered into an interest rate exchange (swap) agreement relating to the Board’s student loan revenue bonds, Series 2010 EE (“Series 2010 Bonds”) on December 21, 2010. The purpose of the swap is to create a variable rate cost of funds for the Series 2010 Bonds that will be lower than the variable rate cost achievable in the cash bond market. The Board accounts for the swap agreement as a fair value hedging derivative instrument and recognizes changes in fair values on the statement of Net Position as an asset or liability with a related deferred inflow or outflow of resources respectively. The terms of the swap agreement include:

- **Trade Date:** December 21, 2010
- **Effective Date:** December 30, 2010
- **Termination Date:** November 1, 2030
- **Initial Notional Amount:** $364,150,000
- **June 30, 2019 Notional Amount:** $178,100,000
- **Board Pays Floating:** 3 Month LIBOR + 1.64905 percent
- **Counterparty Pays Fixed:** Stepped fixed-rates ranging from 4.664 to 5.000 percent
- **Payment Dates:** The 1st day of May and November

Changes in the fair value of the swap agreement and the ending fair value of the swap agreement are summarized below:

<table>
<thead>
<tr>
<th>Student Assistance Program</th>
<th>Change in Fair Value</th>
<th>For Fiscal Years Ending June 30</th>
<th>(expressed in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Derivative Instrument</td>
<td>Fair Value</td>
<td>Fair Value</td>
<td>Change in Fair Value</td>
</tr>
<tr>
<td></td>
<td>June 30, 2019</td>
<td>June 30, 2018</td>
<td></td>
</tr>
<tr>
<td>Interest Rate Exchange</td>
<td>$10,293</td>
<td>$3,618</td>
<td>$6,675</td>
</tr>
</tbody>
</table>

The projected net cash flows of the swap agreement are summarized below (expressed in thousands):

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Counterparty Swap Payment</th>
<th>Interest Payments to Bondholders</th>
<th>Total Payments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>To</td>
<td>From</td>
<td>Net</td>
</tr>
<tr>
<td>2020</td>
<td>$(6,618)</td>
<td>$8,110</td>
<td>$1,492</td>
</tr>
<tr>
<td>2021</td>
<td>(4,415)</td>
<td>5,410</td>
<td>995</td>
</tr>
<tr>
<td>2022</td>
<td>(2,754)</td>
<td>3,375</td>
<td>621</td>
</tr>
<tr>
<td>2023</td>
<td>(894)</td>
<td>1,095</td>
<td>201</td>
</tr>
<tr>
<td>2024</td>
<td>(117)</td>
<td>145</td>
<td>28</td>
</tr>
<tr>
<td>Total..</td>
<td>$(14,798)</td>
<td>$18,135</td>
<td>$3,337</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Counterparty Swap Payment</th>
<th>Interest Payments to Bondholders</th>
<th>Total Payments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>To</td>
<td>From</td>
<td>Net</td>
</tr>
<tr>
<td>2020</td>
<td>$(6,618)</td>
<td>$8,110</td>
<td>$1,492</td>
</tr>
<tr>
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<td>(4,415)</td>
<td>5,410</td>
<td>995</td>
</tr>
<tr>
<td>2022</td>
<td>(2,754)</td>
<td>3,375</td>
<td>621</td>
</tr>
<tr>
<td>2023</td>
<td>(894)</td>
<td>1,095</td>
<td>201</td>
</tr>
<tr>
<td>2024</td>
<td>(117)</td>
<td>145</td>
<td>28</td>
</tr>
<tr>
<td>Total..</td>
<td>$(14,798)</td>
<td>$18,135</td>
<td>$3,337</td>
</tr>
</tbody>
</table>

Swaps are not normally valued through exchange-type markets with easily accessible quotation systems and procedures. The fair value was calculated using information obtained from generally recognized sources with respect to quotations, reporting of specific transactions and market conditions and based on accepted industry standards and methodologies. The swap agreement is considered to be Level 3 for GASB Statement 72 purposes (the different levels are discussed in Note 3.A.)

Credit Risk – The risk of a change in the credit quality or credit rating of the Board and/or its counterparty. The counterparty’s long-term ratings are “Aa2/AA-“, “AA-/A+” and “AA/AA-“ by Moody’s Investors Service, Standard & Poor’s, and Fitch Ratings, respectively.

The Board is exposed to credit risk on hedging derivative instruments that are in asset positions. To minimize its exposure to loss related to credit risk, it is the Board’s policy to require counterparty collateral posting provisions in its non-exchange-traded hedging derivative instruments. These terms require full collateralization of the fair value of hedging derivative instruments in asset positions. If the terms of applicable netting arrangements are not met, the Board may require the counterparty to provide collateral equal to the fair value of the derivative.

It is the Board’s policy to enter into netting arrangements whenever it has entered into more than one derivative instrument transaction with a counterparty. Under the terms of these arrangements, should one party become insolvent or otherwise default on its obligations, close-out netting provisions permit the non-defaulting party to accelerate and terminate all outstanding transactions and net the transactions’ fair values so that a single sum will be owed by, or owed to, the non-defaulting party.

Interest Rate Risk – The risk that the debt service costs associated with variable rate increases and negatively affects coverage ratios and cash flow margins. The Board is exposed to interest rate risk; as the 3-month LIBOR rate increases, the net payment on the swap agreement increases.

Basis Risk – The risk that arises when variable rates or prices of a swap agreement and a hedged item are based on different interest rate indexes. Because the swap agreement requires the Board to pay a variable rate to the counterparty, and the Board is receiving a fixed-rate payment in return, basis risk is not applicable.

Termination Risk – The risk that the swap must be terminated prior to its stated final cash flow date. Purposes for termination include the deterioration of the Board’s own credit and the inability of the Board to obtain a replacement transaction with substantially similar terms. In such a circumstance, the Board would owe, or be owed, a termination payment. No termination events related to the swap agreement have occurred as of June 30, 2019.

Rollover Risk – The risk that the maturity of the swap contract is not coterminous with the maturity of the related bonds. The swap agreement and the underlying bonds have a final maturity date of November 1, 2030.

**NOTE 4. INVESTMENT POOL**

The Utah State Treasurer’s Office operates the Utah Public Treasurers’ Investment Fund (PTIF). The PTIF is available for investment of funds administered by any Utah public treasurer. Participation is not required and neither is a minimum balance nor a minimum/maximum transaction required. State agencies and funds that are authorized to earn interest also invest in the PTIF as an internal investment pool. No separate report as an external investment pool has been issued for the PTIF.
The PTIF is not registered with the SEC as an investment company and is not rated. The PTIF is authorized and regulated by the Utah Money Management Act, (Title 51, Chapter 7 of the Utah Code). The Act establishes the State Money Management Council, which oversees the activities of the State Treasurer and the PTIF. The Act lists the investments that are authorized which are high-grade securities and, therefore, minimizes credit risk except in the most unusual and unforeseen circumstances.

Deposits in the PTIF are neither insured nor otherwise guaranteed by the State of Utah, and participants share proportionally in any realized gains or losses on investments.

The PTIF operates and reports monthly statements to participants on an amortized cost basis. The income, gains, and losses, net of which includes external and internal participants. These assets are also included in the Portfolio Statistics for the primary government. To avoid duplication, some of the detailed information in Note 3 has not been repeated in this note.

The following disclosure of deposits and investments is for the PTIF, which includes external and internal participants. These assets are also included in the Note 3 disclosures of deposits and investments for the primary government. To avoid duplication, some of the detailed information in Note 3 has not been repeated in this note.
The deposits in the bank in excess of the insured amount are uninsured and uncollateralized. Deposits are neither collateralized nor are they required to be by state statute. The deposits for the PTIF at June 30, 2019, were $21 million. Of those, $20.500 million were exposed to custodial credit risk as uninsured and uncollateralized.

### Fair Value Measurements of Investments

The PTIF categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. These guidelines recognize a three-tiered fair value hierarchy as follows:

- **Level 1:** Inputs are quoted prices for identical investments in active markets.
- **Level 2:** Observable inputs other than quoted market prices.
- **Level 3:** Unobservable inputs.

The following table presents the recurring fair value measurements at June 30, 2019, for the PTIF:

<table>
<thead>
<tr>
<th>Investments by Fair Value Level</th>
<th>Fair Value Measurements Using</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Level 1</td>
</tr>
<tr>
<td><strong>Debt Securities</strong></td>
<td></td>
</tr>
<tr>
<td>Corporate Bonds and Notes</td>
<td>$15,028,926</td>
</tr>
<tr>
<td>Money Market Mutual Funds</td>
<td>533,529</td>
</tr>
<tr>
<td>Commercial Paper</td>
<td>391,740</td>
</tr>
<tr>
<td><strong>Total Debt Securities</strong></td>
<td>$15,954,195</td>
</tr>
</tbody>
</table>

Debt securities classified in Level 1 are valued using prices quoted in active markets for those securities. Other debt and securities classified in Level 2 are valued using the following approaches:

- Corporate Bonds and Notes are valued using quoted prices for identical securities in markets that are not active.
- Negotiable Certificates of Deposit and Commercial Paper are valued using quoted prices for identical or similar securities in markets that are not active.

### Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The PTIF’s policy for managing interest rate risk is to comply with the State’s Money Management Act. See **Note 3** for information on requirements of the Act related to interest rate risk.

### Credit Risk of Debt Securities

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The PTIF follows the Money Management Act as its policy for reducing exposure to investment credit risk. The PTIF’s rated debt investments as of June 30, 2019, were rated by Standard and Poor’s and/or an equivalent nationally recognized statistical rating organization and the ratings are presented below using the Standard and Poor’s rating scale.
Custodial Credit Risk

Custodial credit risk for investments is the risk that, in the event of a failure of the counter party, the PTIF will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party. The PTIF does not have a formal policy for custodial credit risk.

The PTIF’s investments at June 30, 2019, were held by the State or in the State’s name by the State’s custodial bank.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government’s investment in a single issuer. The PTIF’s policy for reducing this risk of loss is to comply with the Rules of the State Money Management Council. Rule 17 of the State Money Management Council limits investments in a single issuer of commercial paper and corporate obligations to 5 percent of the total dollar amount held in the portfolio. The State Money Management Council limitations do not apply to securities issued by the U.S. government and its agencies. The PTIF had no debt securities investments at June 30, 2019, with more than 5 percent of the total investments in a single issuer.

NOTE 5. RECEIVABLES

Accounts receivable balances are an aggregation of amounts due from the federal government, customers, and others. Receivables from customers include charges for services to local governments, fees and fines issued by the courts and corrections, employer contributions for unemployment benefits, and receivables as a result of overpayments to individuals receiving state assistance.

The majority of receivables for Trust Lands (permanent fund) represent unsettled trades from brokers, dealers, and clearing organizations.

Receivables for Fiduciary Funds listed below represent amounts due from fiduciary funds that were reclassified as external receivables on the government-wide Statement of Net Position. Other adjustments are due to differences in the presentation and the basis of accounting between the fund financial statements and the government-wide Statement of Net Position.

Aggregated receivables for major and nonmajor discrete component units at June 30, 2019, were $1.036 billion and $102.175 million, respectively. These receivables are net of an allowance for doubtful accounts of $372.527 million and $12.048 million, respectively.

Receivables as of June 30, 2019, consisted of the following (in thousands):

<table>
<thead>
<tr>
<th>Accounts Receivable</th>
<th>Federal</th>
<th>Customer</th>
<th>Other</th>
<th>Interest</th>
<th>Taxes</th>
<th>Notes/Mortgages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Governmental Activities:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Fund</td>
<td>$ 283,582</td>
<td>$ 279,542</td>
<td>$ 28,223</td>
<td>$ 108</td>
<td>$ 372,940</td>
<td>$ 2,333</td>
</tr>
<tr>
<td>Education Fund</td>
<td>168,425</td>
<td>19</td>
<td>2,081</td>
<td>117</td>
<td>1,239,245</td>
<td>11,380</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>85,860</td>
<td>7,458</td>
<td>5,055</td>
<td>—</td>
<td>87,476</td>
<td>—</td>
</tr>
<tr>
<td>Transportation Investment Fund</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>87,976</td>
<td>—</td>
</tr>
<tr>
<td>Trust Lands Fund</td>
<td>—</td>
<td>—</td>
<td>29,734</td>
<td>266</td>
<td>—</td>
<td>1,703</td>
</tr>
<tr>
<td>Nonmajor Funds</td>
<td>4,070</td>
<td>27,058</td>
<td>—</td>
<td>997</td>
<td>2,606</td>
<td>—</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>—</td>
<td>6,608</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Adjustments:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fiduciary Funds</td>
<td>—</td>
<td>—</td>
<td>75</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total Receivables</strong></td>
<td>541,937</td>
<td>320,685</td>
<td>65,168</td>
<td>1,488</td>
<td>1,790,243</td>
<td>15,416</td>
</tr>
<tr>
<td><strong>Less Allowance for Uncollectibles:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Fund</td>
<td>—</td>
<td>(66,005)</td>
<td>—</td>
<td>—</td>
<td>(12,412)</td>
<td>(1,468)</td>
</tr>
<tr>
<td>Education Fund</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(216,053)</td>
<td>—</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>—</td>
<td>(200)</td>
<td>—</td>
<td>—</td>
<td>(1,553)</td>
<td>—</td>
</tr>
<tr>
<td>Transportation Investment Fund</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(3,292)</td>
<td>—</td>
</tr>
<tr>
<td><strong>Receivables, net</strong></td>
<td>541,937</td>
<td>254,480</td>
<td>65,168</td>
<td>1,488</td>
<td>1,556,933</td>
<td>13,948</td>
</tr>
<tr>
<td><strong>Current Receivables</strong></td>
<td>541,937</td>
<td>217,195</td>
<td>58,665</td>
<td>1,488</td>
<td>1,413,629</td>
<td>3,269</td>
</tr>
<tr>
<td><strong>Noncurrent Receivables</strong></td>
<td>—</td>
<td>37,285</td>
<td>6,503</td>
<td>—</td>
<td>143,304</td>
<td>10,679</td>
</tr>
<tr>
<td><strong>Total Receivables, net</strong></td>
<td>541,937</td>
<td>254,480</td>
<td>65,168</td>
<td>1,488</td>
<td>1,556,933</td>
<td>13,948</td>
</tr>
<tr>
<td><strong>Business-type Activities:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Assistance Programs</td>
<td>$ 2,729</td>
<td>$ 5,594</td>
<td>$ 236</td>
<td>$ 33,608</td>
<td>—</td>
<td>$ 1,421,720</td>
</tr>
<tr>
<td>Unemployment Compensation</td>
<td>115</td>
<td>106,488</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Water Loan Programs</td>
<td>2,276</td>
<td>425</td>
<td>—</td>
<td>7,737</td>
<td>5,014</td>
<td>697,186</td>
</tr>
<tr>
<td>Community Impact Loan Fund</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>4,833</td>
<td>—</td>
<td>486,100</td>
</tr>
<tr>
<td>Nonmajor Funds</td>
<td>760</td>
<td>12,418</td>
<td>—</td>
<td>4,027</td>
<td>—</td>
<td>213,897</td>
</tr>
<tr>
<td><strong>Total Receivables</strong></td>
<td>5,880</td>
<td>124,925</td>
<td>236</td>
<td>50,205</td>
<td>5,014</td>
<td>2,818,903</td>
</tr>
<tr>
<td><strong>Less Allowance for Uncollectibles:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Assistance Programs</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(7,076)</td>
</tr>
<tr>
<td>Unemployment Compensation</td>
<td>—</td>
<td>(48,913)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total Receivables, net</strong></td>
<td>5,880</td>
<td>76,012</td>
<td>236</td>
<td>50,205</td>
<td>5,014</td>
<td>2,811,827</td>
</tr>
</tbody>
</table>
# State of Utah

## Notes to the Financial Statements

**Fiscal Year Ended June 30, 2019**

### NOTE 6. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

Accounts payable and accrued liabilities as of June 30, 2019, consisted of the following (in thousands):

<table>
<thead>
<tr>
<th>Governmental Activities:</th>
<th>Salaries/ Benefits</th>
<th>Service Providers</th>
<th>Vendors/ Other</th>
<th>Government</th>
<th>Tax Refunds/ Credits</th>
<th>Interest</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$61,246</td>
<td>$271,519</td>
<td>$55,858</td>
<td>$104,118</td>
<td>$7,486</td>
<td>$</td>
<td>$500,227</td>
</tr>
<tr>
<td>Education Fund</td>
<td>1,418</td>
<td>3,397</td>
<td>15,308</td>
<td>46,416</td>
<td>722</td>
<td>$</td>
<td>266,275</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>6,186</td>
<td>—</td>
<td>164,221</td>
<td>5,600</td>
<td>$</td>
<td>$</td>
<td>217,545</td>
</tr>
<tr>
<td>Transportation Investment Fund</td>
<td>—</td>
<td>—</td>
<td>5,600</td>
<td>5,600</td>
<td>—</td>
<td>$</td>
<td>5,600</td>
</tr>
<tr>
<td>Trust Lands Fund</td>
<td>—</td>
<td>—</td>
<td>24,407</td>
<td>$438</td>
<td>$438</td>
<td>$</td>
<td>24,845</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>324</td>
<td>3</td>
<td>86,160</td>
<td>5,814</td>
<td>415</td>
<td>47,885</td>
<td>140,601</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>5,273</td>
<td>—</td>
<td>23,550</td>
<td>1,922</td>
<td>$</td>
<td>$</td>
<td>30,745</td>
</tr>
<tr>
<td>Adjustments:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fiduciary Funds</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>305</td>
<td>—</td>
<td>—</td>
<td>305</td>
</tr>
<tr>
<td>Other</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>1,098</td>
<td>$</td>
<td>1,098</td>
</tr>
<tr>
<td>Total Governmental Activities</td>
<td>$74,447</td>
<td>$274,919</td>
<td>$369,504</td>
<td>$337,925</td>
<td>$81,025</td>
<td>$49,421</td>
<td>$1,187,241</td>
</tr>
</tbody>
</table>

**Business-type Activities:**

| Student Assistance Programs | $2,395 | — | $5,153 | $3,294 | $2,527 | $13,369 |
| Unemployment Compensation Fund | — | 4,020 | — | 108 | — | 4,128 |
| Water Loan Programs         | — | 206 | 999 | — | — | 1,205 |
| Community Impact Loan Fund  | — | — | 17 | — | — | 17 |
| Nonmajor Enterprise Funds   | 2,301 | 5,872 | 16,108 | — | 66 | 24,772 |
| Total Business-type Activities | $4,696 | $10,098 | $22,277 | $3,402 | $66 | $2,952 | $43,491 |

Accounts payable and accrued liability balances are an aggregation of amounts due to: (1) state employees for salaries/benefits; (2) service providers for childcare, job and health services; (3) vendors, miscellaneous suppliers, brokers, dealers, and clearing organizations for unsettled investment trades (Trust Lands Fund); (4) local and federal governments for services; (5) individuals and others as a result of tax overpayments or credits issued; and (6) interest due on bonds and other obligations.

Adjustments for fiduciary funds listed above represent amounts due to fiduciary funds that were reclassified as external payables on the government-wide Statement of Net Position. Other adjustments are due to differences in the presentation and the basis of accounting between the fund financial statements and the government-wide Statement of Net Position.

*(Notes continue on next page.)*
### NOTE 7. INTERFUND BALANCES AND LOANS

#### Interfund Balances

Interfund balances at June 30, 2019, consisted of the following (in thousands):

<table>
<thead>
<tr>
<th>Due to General Fund from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Education Fund</td>
<td>$ 882</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>2,627</td>
</tr>
<tr>
<td>Trust Lands Fund</td>
<td>46</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>3,575</td>
</tr>
<tr>
<td>Unemployment Compensation Fund</td>
<td>6,505</td>
</tr>
<tr>
<td>Water Loan Programs</td>
<td>82</td>
</tr>
<tr>
<td>Community Impact Loan Fund</td>
<td>6</td>
</tr>
<tr>
<td>Nonmajor Enterprise Funds</td>
<td>35,073</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>1,373</td>
</tr>
<tr>
<td>Fiduciary Funds</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total due to General Fund from other funds</strong></td>
<td>$ 50,187</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Education Fund from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 5,702</td>
</tr>
<tr>
<td>Unemployment Compensation Fund</td>
<td>259</td>
</tr>
<tr>
<td>Trust Lands Fund</td>
<td>20,666</td>
</tr>
<tr>
<td><strong>Total due to Education Fund from other funds</strong></td>
<td>$ 26,627</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Transportation Fund from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 122</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>260</td>
</tr>
<tr>
<td>Nonmajor Enterprise Funds</td>
<td>3</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>97</td>
</tr>
<tr>
<td><strong>Total due to Transportation Fund from other funds</strong></td>
<td>$ 482</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Trust Lands from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 113</td>
</tr>
<tr>
<td>Nonmajor Enterprise Funds</td>
<td>1,288</td>
</tr>
<tr>
<td><strong>Total due to Trust Lands from other funds</strong></td>
<td>$ 1,401</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Nonmajor Governmental Funds from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 2,764</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>18</td>
</tr>
<tr>
<td>Fiduciary Funds</td>
<td>28</td>
</tr>
<tr>
<td><strong>Total due to Nonmajor Governmental Funds from other funds</strong></td>
<td>$ 2,810</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Water Loan Programs from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 2</td>
</tr>
</tbody>
</table>

| Trust Lands Fund                               | 67    |
| Nonmajor Governmental Funds                    | 12,080|
| **Total due to Water Loan Programs from other funds**| $ 12,149|

<table>
<thead>
<tr>
<th>Due to Nonmajor Enterprise Funds from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 1,689</td>
</tr>
<tr>
<td>Education Fund</td>
<td>3</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>7</td>
</tr>
<tr>
<td>Trust Lands Fund</td>
<td>—</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>14,020</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total due to Nonmajor Enterprise Funds from other funds</strong></td>
<td>$ 15,728</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Internal Service Funds from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>31,946</td>
</tr>
<tr>
<td>Education Fund</td>
<td>432</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>4,419</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>1,313</td>
</tr>
<tr>
<td>Nonmajor Enterprise Funds</td>
<td>1,061</td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>1,420</td>
</tr>
<tr>
<td>Fiduciary Funds</td>
<td>29</td>
</tr>
<tr>
<td><strong>Total due to Internal Service Funds from other funds</strong></td>
<td>$ 40,620</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Due to Fiduciary Funds from:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ 123</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>180</td>
</tr>
<tr>
<td><strong>Total due to Fiduciary Funds from other funds</strong></td>
<td>$ 305</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Total Due to/Due froms</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$ 150,309</strong></td>
<td></td>
</tr>
</tbody>
</table>

These balances resulted from the time lags between the dates that:

1. interfund goods and services are provided or reimbursable expenditures occur;
2. transactions are recorded in the accounting system; and
3. payments between funds are made.

#### Interfund Loans

At June 30, 2019, interfund loans receivable/payable balances consist of $31.417 million revolving loans payable to the General Fund from Internal Service Funds. The balance payable to the General Fund from Internal Service Funds of $31.417 million includes $12,063 million that is not expected to be repaid within one year and is classified as nonspendable fund balance.

(Notes continue on next page.)
## NOTE 8. CAPITAL ASSETS

Capital asset activity for the year ended June 30, 2019, was as follows (in thousands):

<table>
<thead>
<tr>
<th></th>
<th>Beginning Balance</th>
<th>Additions</th>
<th>Deletions</th>
<th>Ending Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Governmental Activities:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Assets Not Depreciated/Amortized:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land and Related Assets</td>
<td>$2,045,451</td>
<td>$153,349</td>
<td>$(11,021)</td>
<td>$2,187,779</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>14,371,953</td>
<td>174,069</td>
<td>(25,628)</td>
<td>14,520,394</td>
</tr>
<tr>
<td>Construction in Progress</td>
<td>1,231,647</td>
<td>464,452</td>
<td>(459,633)</td>
<td>1,236,466</td>
</tr>
<tr>
<td>Total Capital Assets</td>
<td>17,649,051</td>
<td>791,870</td>
<td>(496,282)</td>
<td>17,944,639</td>
</tr>
<tr>
<td>Capital Assets Depreciated/Amortized:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>2,196,283</td>
<td>139,541</td>
<td>(312)</td>
<td>2,335,512</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>74,529</td>
<td>1,242</td>
<td>20</td>
<td>75,751</td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td>561,280</td>
<td>42,879</td>
<td>(77,685)</td>
<td>526,474</td>
</tr>
<tr>
<td>Intangible Assets–Software</td>
<td>299,856</td>
<td>24,119</td>
<td>(1,915)</td>
<td>322,060</td>
</tr>
<tr>
<td>Total Capital Assets</td>
<td>3,131,948</td>
<td>207,781</td>
<td>(5,737)</td>
<td>3,259,797</td>
</tr>
<tr>
<td>Less Accumulated Depreciation/Amortization:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>(959,926)</td>
<td>(63,383)</td>
<td>216</td>
<td>(1,023,093)</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>(36,191)</td>
<td>(2,572)</td>
<td>20</td>
<td>(38,743)</td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td>(363,955)</td>
<td>(33,094)</td>
<td>72,330</td>
<td>(324,719)</td>
</tr>
<tr>
<td>Intangible Assets–Software</td>
<td>(208,971)</td>
<td>(36,738)</td>
<td>1,629</td>
<td>(244,080)</td>
</tr>
<tr>
<td>Total Accumulated Depreciation/Amortization:</td>
<td>(1,569,043)</td>
<td>(135,787)</td>
<td>74,195</td>
<td>(1,630,635)</td>
</tr>
<tr>
<td>Total Capital Assets Depreciated/Amortized, Net</td>
<td>1,562,905</td>
<td>71,994</td>
<td>(5,737)</td>
<td>1,629,162</td>
</tr>
<tr>
<td><strong>Business-type Activities:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Assets Not Depreciated/Amortized:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land and Related Assets</td>
<td>$25,945</td>
<td>1,738</td>
<td>—</td>
<td>$27,683</td>
</tr>
<tr>
<td>Construction in Progress</td>
<td>1,104</td>
<td>2,649</td>
<td>(760)</td>
<td>2,993</td>
</tr>
<tr>
<td>Total Capital Assets</td>
<td>27,049</td>
<td>4,387</td>
<td>(760)</td>
<td>30,676</td>
</tr>
<tr>
<td>Capital Assets Depreciated/Amortized:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>98,080</td>
<td>3,838</td>
<td>(197)</td>
<td>101,721</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>430</td>
<td>—</td>
<td>—</td>
<td>430</td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td>18,419</td>
<td>1,418</td>
<td>(960)</td>
<td>18,877</td>
</tr>
<tr>
<td>Intangible Assets–Software</td>
<td>3,781</td>
<td>341</td>
<td>—</td>
<td>4,122</td>
</tr>
<tr>
<td>Total Capital Assets</td>
<td>120,710</td>
<td>5,597</td>
<td>(1,157)</td>
<td>125,150</td>
</tr>
<tr>
<td>Less Accumulated Depreciation/Amortization:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>(38,616)</td>
<td>(3,345)</td>
<td>—</td>
<td>(41,961)</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>(149)</td>
<td>(12)</td>
<td>—</td>
<td>(161)</td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td>(13,636)</td>
<td>(1,073)</td>
<td>815</td>
<td>(13,894)</td>
</tr>
<tr>
<td>Intangible Assets–Software</td>
<td>(2,579)</td>
<td>(413)</td>
<td>—</td>
<td>(2,992)</td>
</tr>
<tr>
<td>Total Accumulated Depreciation/Amortization:</td>
<td>(54,980)</td>
<td>(4,843)</td>
<td>815</td>
<td>(59,008)</td>
</tr>
<tr>
<td>Total Capital Assets Depreciated/Amortized, Net</td>
<td>65,730</td>
<td>754</td>
<td>(342)</td>
<td>66,142</td>
</tr>
<tr>
<td>Capital Assets, Net</td>
<td><strong>$92,779</strong></td>
<td><strong>$5,141</strong></td>
<td><strong>$(1,102)</strong></td>
<td><strong>$96,818</strong></td>
</tr>
</tbody>
</table>

Construction in progress of governmental activities includes amounts for buildings the State is constructing for colleges and universities and other discrete component units that are funded by state appropriations or state bond proceeds. As the buildings are completed, the applicable amounts are deleted from construction in progress of governmental activities and “transferred” to the colleges and universities and other discrete component units. For fiscal year 2019, $140,747 million of buildings were completed for colleges and universities. On the government-wide statement of activities, the building “transfers” are reported as higher education expenses of governmental activities and as program revenues of discrete component units.
Depreciation expense of governmental activities was charged to functions as follows (in thousands):

<table>
<thead>
<tr>
<th>Function</th>
<th>Depreciation Expense (in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Government</td>
<td>$18,026</td>
</tr>
<tr>
<td>Human Services and Juvenile Justice Services</td>
<td>10,535</td>
</tr>
<tr>
<td>Corrections</td>
<td>8,279</td>
</tr>
<tr>
<td>Public Safety</td>
<td>18,670</td>
</tr>
<tr>
<td>Courts</td>
<td>7,909</td>
</tr>
<tr>
<td>Health and Environmental Quality</td>
<td>5,395</td>
</tr>
<tr>
<td>Employment and Family Services</td>
<td>18,692</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>10,780</td>
</tr>
<tr>
<td>Heritage and Arts</td>
<td>560</td>
</tr>
<tr>
<td>Business, Labor, and Agriculture</td>
<td>1,275</td>
</tr>
<tr>
<td>Public Education</td>
<td>709</td>
</tr>
<tr>
<td>Transportation</td>
<td>16,553</td>
</tr>
</tbody>
</table>

The primary government’s capital lease payments and adjustments were $2,335 million in principal and $978 thousand in interest for fiscal year 2019. As of June 30, 2019, the historical cost of the primary government’s assets acquired through capital leases was $55.832 million of which $55.063 million was buildings and land and $769 thousand was equipment and other depreciable assets. As of June 30, 2019, the accumulated depreciation of the primary government’s assets acquired through capital leases was $19.432 million of which $18.663 million was buildings and $769 thousand was equipment and other depreciable assets. Of the $214.309 million of which $18.663 million was buildings and $769 thousand was equipment and other depreciable assets. Of the $214.309 million in discrete component unit present value of future minimum lease payments noted below, $86.350 million relates to capital lease arrangements between the primary government and certain colleges and universities (discrete component units).

Operating leases contain various renewal options, as well as some purchase options. However, due to the nature of the leases, they do not qualify as capital leases and the related assets and liabilities are not recorded. Any escalation clauses, sublease rentals, and contingent rents were considered immaterial to the future minimum lease payments and current rental expenditures. Operating lease payments are recorded as expenditures or expenses when paid or incurred.

Operating lease expenditures for fiscal year 2019 were $45.844 million for the primary government and $43.210 million for discrete component units. For fiscal year 2018, the operating lease expenditures were $37.617 million for the primary government and
$33.618 million for discrete component units. Future minimum lease commitments for non-cancellable operating leases and capital leases as of June 30, 2019, and for Utah Transit Authority (major discrete component unit) as of December 31, 2018, were as follows:

### Future Minimum Lease Commitments
#### Operating Leases
*(expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Primary Government</th>
<th>Discrete Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020.........</td>
<td>$ 20,097</td>
<td>$ 40,860</td>
</tr>
<tr>
<td>2021.........</td>
<td>17,551</td>
<td>37,438</td>
</tr>
<tr>
<td>2022.........</td>
<td>14,683</td>
<td>32,553</td>
</tr>
<tr>
<td>2023.........</td>
<td>11,724</td>
<td>28,745</td>
</tr>
<tr>
<td>2024.........</td>
<td>8,138</td>
<td>26,691</td>
</tr>
<tr>
<td>2025-2029...</td>
<td>14,479</td>
<td>70,040</td>
</tr>
<tr>
<td>2030-2034...</td>
<td>1,200</td>
<td>22,304</td>
</tr>
<tr>
<td>2035-2039...</td>
<td>1,153</td>
<td>17,721</td>
</tr>
<tr>
<td>2040-2044...</td>
<td>874</td>
<td>16,928</td>
</tr>
<tr>
<td>2045-2049...</td>
<td>10</td>
<td>16,582</td>
</tr>
<tr>
<td>2050-2054...</td>
<td>10</td>
<td>2,198</td>
</tr>
<tr>
<td>2055-2059...</td>
<td>6</td>
<td>45</td>
</tr>
<tr>
<td>Total Future Minimum Lease Payments</td>
<td>$ 89,925</td>
<td>$ 312,105</td>
</tr>
</tbody>
</table>

#### Capital Leases
*(expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Primary Government</th>
<th>Discrete Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020.........</td>
<td>$ 338 $ 65 $ 273</td>
<td>$ 38,061 $ 6,221 $ 31,840</td>
</tr>
<tr>
<td>2021.........</td>
<td>338 58 280</td>
<td>37,986 5,586 32,400</td>
</tr>
<tr>
<td>2022.........</td>
<td>327 50 277</td>
<td>35,647 4,724 30,923</td>
</tr>
<tr>
<td>2023.........</td>
<td>317 42 275</td>
<td>31,693 3,920 27,773</td>
</tr>
<tr>
<td>2024.........</td>
<td>317 33 284</td>
<td>17,874 3,312 14,562</td>
</tr>
<tr>
<td>2025-2029...</td>
<td>1,019 74 945</td>
<td>69,752 10,839 58,913</td>
</tr>
<tr>
<td>2030-2034...</td>
<td>482 13 469</td>
<td>16,754 1,978 14,776</td>
</tr>
<tr>
<td>2035-2039...</td>
<td>— — —</td>
<td>3,311 189 3,122</td>
</tr>
<tr>
<td>Total.........</td>
<td>$ 3,138 $ 335 $ 2,803</td>
<td>$ 251,078 $ 36,769 $ 214,309</td>
</tr>
</tbody>
</table>

#### Capital Leases - Direct Borrowings
*(expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Primary Government</th>
<th>Discrete Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020.........</td>
<td>$ 3,183 $ 830 $ 2,353</td>
<td>$ 7,758 $ 1,120 $ 6,638</td>
</tr>
<tr>
<td>2021.........</td>
<td>3,222 745 2,477</td>
<td>7,104 986 6,118</td>
</tr>
<tr>
<td>2022.........</td>
<td>3,262 655 2,607</td>
<td>6,096 861 5,235</td>
</tr>
<tr>
<td>2023.........</td>
<td>2,871 560 2,311</td>
<td>5,033 748 4,285</td>
</tr>
<tr>
<td>2024.........</td>
<td>2,032 480 1,552</td>
<td>4,384 648 3,736</td>
</tr>
<tr>
<td>2025-2029...</td>
<td>8,257 1,769 6,488</td>
<td>20,779 1,823 18,956</td>
</tr>
<tr>
<td>2030-2034...</td>
<td>5,467 1,162 4,305</td>
<td>4,546 102 4,444</td>
</tr>
<tr>
<td>2035-2039...</td>
<td>4,455 630 3,825</td>
<td>— — —</td>
</tr>
<tr>
<td>2040-2044...</td>
<td>2,416 131 2,285</td>
<td>— — —</td>
</tr>
<tr>
<td>Total.........</td>
<td>$ 35,165 $ 6,962 $ 28,203</td>
<td>$ 55,700 $ 6,288 $ 49,412</td>
</tr>
</tbody>
</table>
### NOTE 10. LONG-TERM LIABILITIES

#### A. Changes in Long-term Debt and Other Long-term Liabilities

Changes in long-term debt and other long-term liabilities for the year ended June 30, 2019 are presented in the following table. Changes for Utah Transit Authority and PEHP (major discrete component units) are included as of year ended December 31, 2018. As referenced below, certain long-term debt and other long-term liabilities are discussed in other Notes to the Financial Statements.

**Long-term Debt and Other Long-term Liabilities**

(Expressed in thousands)

<table>
<thead>
<tr>
<th>Governmental Activities</th>
<th>Long-term Debt:</th>
<th>Business-type Activities</th>
<th>Discrete Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Beginning Balance</td>
<td>Additions</td>
<td>Reductions</td>
</tr>
<tr>
<td>General Obligation Bonds</td>
<td>$2,278,175</td>
<td>$127,715</td>
<td>$(250,215)</td>
</tr>
<tr>
<td>General Obligation Bonds - Direct Placement</td>
<td>118,700</td>
<td>—</td>
<td>$(1,100)</td>
</tr>
<tr>
<td>State Building Ownership Authority Lease Revenue Bonds</td>
<td>211,516</td>
<td>—</td>
<td>$(37,440)</td>
</tr>
<tr>
<td>SBOA Lease Revenue Bonds - Direct Placement</td>
<td>25,910</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Capital Leases (Note 9) - Direct Borrowing</td>
<td>30,064</td>
<td>—</td>
<td>$(1,861)</td>
</tr>
<tr>
<td>Notes Payable - Direct Borrowing</td>
<td>268</td>
<td>—</td>
<td>$(41)</td>
</tr>
<tr>
<td>Other Long-term Liabilities:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Leases (Note 9)</td>
<td>3,068</td>
<td>—</td>
<td>$(265)</td>
</tr>
<tr>
<td>Compensated Absences (Note 1) **</td>
<td>184,505</td>
<td>125,572</td>
<td>$(98,939)</td>
</tr>
<tr>
<td>Claims Liability (Note 20) **</td>
<td>57,330</td>
<td>22,050</td>
<td>$(15,822)</td>
</tr>
<tr>
<td>Pollution Remediation Obligation **</td>
<td>5,366</td>
<td>492</td>
<td>$(334)</td>
</tr>
<tr>
<td>Settlement Obligations **</td>
<td>273</td>
<td>—</td>
<td>$(46)</td>
</tr>
<tr>
<td>Net Pension Liability (Note 18) *</td>
<td>763,753</td>
<td>377,013</td>
<td>—</td>
</tr>
<tr>
<td>Net OPEB Liability (Note 19) *</td>
<td>99,058</td>
<td>—</td>
<td>$(30,723)</td>
</tr>
<tr>
<td>Arbitrage Liability (Note 1)</td>
<td>—</td>
<td>544</td>
<td>—</td>
</tr>
<tr>
<td>Total Governmental Long-term Debt and Liabilities</td>
<td>$3,886,101</td>
<td>$676,694</td>
<td>$(462,343)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Assistance Revenue Bonds</td>
<td>$1,506,965</td>
<td>—</td>
<td>$(241,085)</td>
</tr>
<tr>
<td>State Building Ownership Authority Lease Revenue Bonds</td>
<td>77,704</td>
<td>—</td>
<td>$(5,155)</td>
</tr>
<tr>
<td>Water Loan Recapitalization Revenue Bonds</td>
<td>31,225</td>
<td>—</td>
<td>$(5,705)</td>
</tr>
<tr>
<td>Net Unamortized Premiums/(Discounts)</td>
<td>(6,418)</td>
<td>—</td>
<td>$(1,582)</td>
</tr>
<tr>
<td>Notes Payable - Direct Borrowing</td>
<td>635</td>
<td>618</td>
<td>$(635)</td>
</tr>
<tr>
<td>Other Long-term Liabilities:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Claims and Uninsured Liabilities</td>
<td>4,365</td>
<td>152,359</td>
<td>$(153,445)</td>
</tr>
<tr>
<td>Net Pension Liability (Note 18)</td>
<td>12,038</td>
<td>7,027</td>
<td>—</td>
</tr>
<tr>
<td>Net OPEB Liability (Note 19)</td>
<td>184,505</td>
<td>125,572</td>
<td>$(98,939)</td>
</tr>
<tr>
<td>Total Business-type Long-term Debt and Liabilities</td>
<td>$1,628,078</td>
<td>$160,004</td>
<td>$(408,063)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revenue Bonds</td>
<td>$3,478,766</td>
<td>$294,391</td>
<td>$(223,570)</td>
</tr>
<tr>
<td>Net Unamortized Premiums/(Discounts)</td>
<td>183,858</td>
<td>17,839</td>
<td>$(17,029)</td>
</tr>
<tr>
<td>Capital Leases (Note 9) - Direct Borrowing</td>
<td>40,779</td>
<td>14,377</td>
<td>$(5,744)</td>
</tr>
<tr>
<td>Notes Payable - Direct Borrowings</td>
<td>51,754</td>
<td>509</td>
<td>$(14,896)</td>
</tr>
<tr>
<td>Other Long-term Liabilities:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Leases/Contracts Payable (Notes 9 and 10)</td>
<td>202,663</td>
<td>45,457</td>
<td>$(28,783)</td>
</tr>
<tr>
<td>Claims Liability (Note 20)</td>
<td>151,103</td>
<td>698,051</td>
<td>$(700,985)</td>
</tr>
<tr>
<td>Leave/Termination Benefits (Note 1)</td>
<td>173,394</td>
<td>145,781</td>
<td>$(137,522)</td>
</tr>
<tr>
<td>Capital Assets Held for Others</td>
<td>12,923</td>
<td>—</td>
<td>$(403)</td>
</tr>
<tr>
<td>Net Pension Liability (Note 18)</td>
<td>30,064</td>
<td>23,308</td>
<td>$(25,357)</td>
</tr>
<tr>
<td>Net OPEB Liability (Note 19)</td>
<td>998</td>
<td>—</td>
<td>$(353)</td>
</tr>
<tr>
<td>Total Discrete Component Long-term Debt and Liabilities</td>
<td>$4,670,132</td>
<td>$1,339,096</td>
<td>$(1,129,285)</td>
</tr>
</tbody>
</table>

The beginning balance for Discrete Component Units increased due to the inclusion of Utah Transit Authority (major discrete component unit) as follows: $2,127 billion and $163.890 million in Revenue Bonds and unamortized premiums, respectively, $40.779 million in Capital Leases - Direct Borrowing; $1.496 million in Claims Liability; $9.326 million in Leave/Termination benefits; and $100.877 million in Net Pension Liability. See Note 2 for further information.

* The Net Pension Liability and Net Other Postemployment Benefit (OPEB) Liability of governmental activities are liquidated in the General Fund, Education Fund, or Transportation Fund according to the applicable employing state agency. The changes in these liabilities are either netted as additions or reductions for this schedule since that information is not readily available for inclusion. See Note 18 and Note 19 for further information.

** Compensated Absences of governmental activities are liquidated in the General Fund, Education Fund, or Transportation Fund according to the applicable employing state agency. Claims Liability of governmental activities are liquidated in the Risk Management Internal Service Fund. Settlement Obligations of governmental activities are liquidated in the Crime Victim Reparation Fund (nonmajor governmental fund). The Pollution Remediation Obligations of the governmental activities are liquidated in the Environmental Reclamation Fund (nonmajor governmental fund).
Differences in Net Pension Liability – The Net Pension Liability (NPL) ending balances for governmental activities of $1.141 billion and for business-type activities of $19.065 million differ from the NPL for the primary government of $1.170 billion as reported in Note 18 due to the following: the NPL for Student Assistance Programs of $1.630 million and Utah Dairy Commission of $387 thousand are included in business-type activities, but are excluded from the primary government NPL reported in Note 18, and the Utah Schools for the Deaf and Blind (nonmajor discrete component unit) of $12.663 million is excluded from the business-type and governmental activities reported above, but is included in the NPL for the primary government in Note 18.

These differences are due to the way Utah Retirement Systems (pension trust and defined contribution plans) combine and report the State’s retirement plans for Note 18, and the Utah programs of $1.630 million and Utah Dairy Commission of $387 thousand which is different than how the State reports the NPL by fund type in accordance with generally accepted accounting principles.

### General Obligation Bonds

The State issues general obligation bonds to provide funds for acquisition, construction, and renovation of major capital facilities and for highway construction. In addition, general obligation bonds have been issued to refund general obligation bonds, revenue bonds, and capitalized leases. General obligation bonds are secured by the full faith and credit of the State. Debt service requirements are provided by legislative appropriation from the State’s general tax revenues. As of June 30, 2019, the State had $637.610 million of unissued general obligation highway bond authorizations remaining, and $355.003 million of unissued general obligation building bond authorizations remaining.

During fiscal year 2019, the State issued $127.715 million Series 2019 general obligation highway bonds to fund transportation projects.

General obligation bonds payable information is presented below.

### General Obligation Bonds Payable

(Expressed in thousands)

<table>
<thead>
<tr>
<th>Bond Issue</th>
<th>Date Issued</th>
<th>Maturity Date</th>
<th>Interest Rate</th>
<th>Original Issue</th>
<th>Balance June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 B Highway Issue</td>
<td>09/30/10</td>
<td>2019 - 2025</td>
<td>3.19% - 3.54%</td>
<td>$ 621,980</td>
<td>$ 621,980</td>
</tr>
<tr>
<td>2010 C Refunding Issue</td>
<td>10/21/10</td>
<td>2016 - 2019</td>
<td>4.00% - 5.00%</td>
<td>$ 172,055</td>
<td>$ 44,475</td>
</tr>
<tr>
<td>2011 A Highway/Capital Facility Issue</td>
<td>07/06/11</td>
<td>2012 - 2021</td>
<td>2.00% - 5.00%</td>
<td>$ 609,920</td>
<td>$ 131,970</td>
</tr>
<tr>
<td>2013 Highway Issue</td>
<td>07/30/13</td>
<td>2014 - 2028</td>
<td>3.00% - 5.00%</td>
<td>$ 226,175</td>
<td>$ 58,375</td>
</tr>
<tr>
<td>2015 Refunding Issue</td>
<td>04/29/15</td>
<td>2019 - 2026</td>
<td>3.50% - 5.00%</td>
<td>$ 220,980</td>
<td>$ 220,980</td>
</tr>
<tr>
<td>2017 Highway/Prison Issue</td>
<td>07/10/17</td>
<td>2018 - 2032</td>
<td>3.00% - 5.00%</td>
<td>$ 142,070</td>
<td>$ 135,555</td>
</tr>
<tr>
<td>2017 Refunding Issue - Direct Placement</td>
<td>12/15/17</td>
<td>2018 - 2028</td>
<td>2.21%</td>
<td>$ 118,700</td>
<td>$ 117,600</td>
</tr>
<tr>
<td>2018 Highway/Prison Issue</td>
<td>02/28/18</td>
<td>2018 - 2032</td>
<td>3.13% - 5.00%</td>
<td>$ 343,155</td>
<td>$ 322,865</td>
</tr>
<tr>
<td>2019 Highway Issue</td>
<td>01/15/19</td>
<td>2019 - 2033</td>
<td>5.00%</td>
<td>$ 127,715</td>
<td>$ 127,715</td>
</tr>
</tbody>
</table>

Total General Obligation Bonds Outstanding $2,273,275
Plus Unamortized Bond Premium $101,116
Total General Obligation Bonds Payable $2,374,391

### General Obligation Bond Issues

Debt Service Requirements to Maturity
For the Fiscal Year Ended June 30
(Expressed in thousands)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>$ 74,145</td>
<td>$ 29,470</td>
<td>$ 44,475</td>
<td>$ 43,990</td>
<td>$ 13,525</td>
<td>$ 24,765</td>
<td>$ 10,700</td>
</tr>
<tr>
<td>2021</td>
<td>87,715</td>
<td>101,775</td>
<td>—</td>
<td>43,990</td>
<td>14,200</td>
<td>—</td>
<td>11,225</td>
</tr>
<tr>
<td>2022</td>
<td>86,740</td>
<td>102,480</td>
<td>—</td>
<td>43,990</td>
<td>14,950</td>
<td>—</td>
<td>11,825</td>
</tr>
<tr>
<td>2023</td>
<td>90,825</td>
<td>103,250</td>
<td>—</td>
<td>43,990</td>
<td>15,000</td>
<td>39,290</td>
<td>12,400</td>
</tr>
<tr>
<td>2024</td>
<td>64,420</td>
<td>104,160</td>
<td>—</td>
<td>43,990</td>
<td>15,000</td>
<td>39,260</td>
<td>13,050</td>
</tr>
<tr>
<td>2025-2029</td>
<td>87,915</td>
<td>180,845</td>
<td>—</td>
<td>43,990</td>
<td>117,600</td>
<td>62,430</td>
<td></td>
</tr>
<tr>
<td>2030-2034</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>43,990</td>
<td>—</td>
<td>13,925</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$ 491,760</td>
<td>$ 621,980</td>
<td>$ 44,475</td>
<td>$ 131,970</td>
<td>$ 58,375</td>
<td>$ 220,980</td>
<td>$ 135,555</td>
</tr>
</tbody>
</table>

Continues Below
C. Revenue Bonds

Revenue bonds payable consist of those issued by the Utah State Building Ownership Authority, the Utah State Board of Regents Student Loan Purchase Programs, the State’s Water Loan Programs, and various colleges and universities. These bonds are not considered general obligations of the State.

Governmental Activities

The Utah State Building Ownership Authority (SBOA) has issued bonds for the purchase and construction of facilities to be leased to state agencies and other organizations. The bonds are secured by the facilities, and repayment is made from lease income appropriated by the Legislature and is not considered pledged revenue of the State. The outstanding bonds payable at June 30, 2019, are reported as a long-term liability of the governmental activities, except for $75.834 million and $968 thousand, which are reported in the Alcoholic Beverage Control Fund and the Utah Correctional Industries Fund (nonmajor enterprise funds), respectively. These portions are reported as liabilities of the business-type activities on the government-wide Statement of Net Position.

Business-type Activities

The Utah State Board of Regents Student Loan Purchase Programs’ (Student Assistance Programs) bonds were issued to provide funds for student loans and are secured by all assets of the Board of Regents Revenue Bond Funds and by the revenues and receipts derived from such assets. The Board of Regents has also issued a revenue bond for an office facility secured by funds within the Board of Regents budget that would otherwise be expended for rent.

The Student Assistance Programs include $180.795 million of fixed-rate bonds, $75.211 million of bonds at a rate set at the 3-month LIBOR plus spread, and $1.971 billion of bonds at a rate set at the 1-month LIBOR plus rates from 0.55 to 1.50 percent. The Programs’ bonds also include adjustable rate bonds that are set by an auction procedure every 28 days in the amount of $39.100 million.

The Student Assistance Programs’ bonds issued under the 1993 Trust Estate are limited obligations of the Board, secured by and payable solely from the Trust Estate established by the indenture. The bonds and notes were issued to finance eligible student loans. The Trust Estate consists of student loans acquired under the indenture, all proceeds of the bonds and notes, and net revenues in the funds and accounts, and any other property pledged to the Trust Estate. The Board has pledged these assets and net revenues to repay $169.522 million of outstanding student loan backed notes, which are payable through 2043. Principal and interest paid for the current year and total net revenue before interest expense were $45.385 million and $6.398 million, respectively.

The notes issued under the 2014 Trust Estate are limited obligations of the Board, secured by and payable solely from the Trust Estate established by the indenture. The notes were issued to retire outstanding student loan revenue bonds of the Board. The Trust Estate consists of student loans acquired under the indenture, all proceeds of the notes and net revenues in the funds and accounts, and any other property pledged to the Trust Estate. The Board has pledged these assets and net revenues to repay $115.836 million of outstanding student loan backed notes, which are payable through 2039. Principal and interest paid for the current year and total net revenues before interest expense were $24.637 million and $4.864 million, respectively.

The notes issued under the 2015 Trust Estate are special limited obligations of the Board, secured by and payable solely from the Trust Estate established by the indenture. The notes were issued to retire a portion of the outstanding advances from the Warehouse Facility to the Board. The Trust Estate consists of student loans acquired under the indenture, all proceeds of the notes and net revenues in the funds and accounts, and any other property pledged to the Trust Estate. The Board has pledged these assets and net revenues to repay $169.522 million of outstanding student loan backed notes, which are payable through 2043. Principal and interest paid for the current year and total net revenue before interest expense were $45.385 million and $6.398 million, respectively.

The notes issued under the 2016 Trust Estate are special limited obligations of the Board, secured by and payable solely from the Trust Estate established by the indenture. The notes were issued to retire a portion of the outstanding advances from the Warehouse Facility to the Board. The Trust Estate consists of student loans acquired under the indenture, all proceeds of the notes and net revenues in the funds and accounts, and any other property pledged to the Trust Estate. The Board has pledged these assets and net revenues to repay $263.902 million of outstanding student loan backed notes, which are payable through 2057. Principal and interest paid for the current year and total net revenue before interest expense were $64.429 million and $9.027 million, respectively.

The notes issued under the 2017 Trust Estate are limited obligations of the Board, secured by and payable solely from the Trust Estate established by the indenture. The notes were issued to retire a portion of the outstanding advances from the Warehouse Facility to the Board. The Trust Estate consists of student loans acquired under the indenture, all proceeds of the notes and net revenues in the funds and accounts, and any other property pledged to the Trust Estate. The Board has pledged these assets and net revenues to repay $267.300 million of outstanding student loan backed notes, which are payable through 2057. Principal and interest paid for the current year and total net revenue before interest expense were $60.951 million and $9.011 million, respectively.

The notes issued under the 2018 Trust Estate are special limited obligations of the Board, secured by and payable solely from the Trust Estate established by the indenture. The notes were issued to retire a portion of the outstanding advances from the Warehouse Facility to the Board. The Trust Estate consists of student loans acquired under the indenture, all proceeds of the notes and net revenues in the funds and accounts, and any other property pledged to the Trust Estate. The Board has pledged these assets and net revenues to repay $267.300 million of outstanding student loan backed notes, which are payable through 2057. Principal and interest paid for the current year and total net revenue before interest expense were $60.951 million and $9.011 million, respectively.

The bonds issued under the Office Facility Bond fund are limited obligations of the Board, secured solely by a pledge of the proceeds from the sale of the bonds and the monies and revenues in the fund and accounts held by the Trustee under the indenture. No other money, revenue or income of the Board is pledged to the repayment of the Office Facility Bonds. The bonds were issued to refund the Series 2002 and Series 2004 Bonds. The Board has pledged these assets and net revenues to repay $2.695 million of outstanding Office Facility Bonds, which are payable through 2024. Principal and interest paid for the current fiscal year and total net revenues before interest expense were $812 thousand and $369 thousand, respectively.
State of Utah

Notes to the Financial Statements

Fiscal Year Ended June 30, 2019

The State’s Water Loan Programs have issued recapitalization revenue bonds to provide additional capital for the State’s revolving water resources loan programs. The bonds are secured by and repayments are made from the pledged principal and interest payments (pledged revenues) of specific revolving water resources loan funds. These pledged revenues will not be available for other purposes until the end of fiscal year 2023 when the bonds are completely paid off. Pledged revenues were projected to produce 150 percent of debt service requirements over the life of the bonds. The total principal and interest remaining to be paid on the bonds is $27.385 million. For the current year, principal and interest paid was $6.872 million and total repayment from pledged revenues was $19.565 million. Of the bonds payable outstanding at June 30, 2019, $25.520 million are reported in the Water Loan Programs Fund (major enterprise fund). These portions are reported as liabilities of the business-type activities on the government-wide Statement of Net Position.

Discrete Component Units

University of Utah, Utah State University and nonmajor discrete component units issued revenue bonds for various capital purposes including student housing, special events centers, student union centers, and hospital and research facilities. The bonds are secured by pledged student building fees and other income of certain college activities.

Utah Transit Authority issued revenue bonds to partially finance the purchase and construction of various capital assets, and to refund other outstanding bond issues. The bonds are secured by a pledge of sales tax revenues and other revenues of the Authority.

Information on pledged revenues for discrete component units for the fiscal year ended June 30, 2019, is presented below.

Pledged Revenue — Discrete Component Units
(dollars expressed in thousands)

<table>
<thead>
<tr>
<th>Type of Revenue Pledged</th>
<th>University of Utah</th>
<th>Utah State University</th>
<th>Utah Transit Authority</th>
<th>Nonmajor Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A, B, C</td>
<td>A, B</td>
<td>D</td>
<td>A</td>
</tr>
<tr>
<td>Amount of Pledged Revenue</td>
<td>$1,323,572</td>
<td>$340,646</td>
<td>$3,725,328</td>
<td>$232,724</td>
</tr>
<tr>
<td>Term of Commitment</td>
<td>Thru 2044</td>
<td>Thru 2050</td>
<td>Thru 2042</td>
<td>Thru 2049</td>
</tr>
<tr>
<td>Percent of Revenue Pledged</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>Current Year Pledged Revenue</td>
<td>$312,587</td>
<td>$65,886</td>
<td>$273,007</td>
<td>$23,083</td>
</tr>
<tr>
<td>Current Year Principal and Interest Paid</td>
<td>$100,759</td>
<td>$14,506</td>
<td>$99,955</td>
<td>$14,760</td>
</tr>
</tbody>
</table>

* Type of Revenue Pledged:
A = Student and housing fees, auxiliary net revenues from bookstores, parking, stadium and event centers, and other campus generated charges and fees.
B = Research net revenue generated from the recovery of allocated facilities and administrative rates to grants and contracts.
C = Hospital and clinic net revenues from providing various health and psychiatric services to the community.
D = Sales tax revenues and other transit revenues.

Revenue Bonds Payable — Primary Government
Governmental Activities
(dollars expressed in thousands)

<table>
<thead>
<tr>
<th>Bond Issue</th>
<th>Date Issued</th>
<th>Maturity Date</th>
<th>Interest Rate</th>
<th>Original Issue</th>
<th>Balance June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBOA Lease Revenue Bonds:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Series 2009 E</td>
<td>09/09/09</td>
<td>2018 – 2030</td>
<td>4.62% – 5.77%</td>
<td>$ 89,470</td>
<td>$ 57,690</td>
</tr>
<tr>
<td>Series 2010</td>
<td>11/30/10</td>
<td>2011 – 2024</td>
<td>2.00% – 5.00%</td>
<td>$ 24,555</td>
<td>9,919</td>
</tr>
<tr>
<td>Series 2011</td>
<td>10/25/11</td>
<td>2012 – 2031</td>
<td>2.13% – 4.00%</td>
<td>$ 5,250</td>
<td>2,375</td>
</tr>
<tr>
<td>Series 2012 A</td>
<td>11/20/12</td>
<td>2017 – 2027</td>
<td>1.50% – 5.00%</td>
<td>$ 11,755</td>
<td>9,080</td>
</tr>
<tr>
<td>Series 2012 B</td>
<td>11/20/12</td>
<td>2013 – 2022</td>
<td>1.50% – 2.25%</td>
<td>$ 9,100</td>
<td>1,552</td>
</tr>
<tr>
<td>Series 2015</td>
<td>04/29/15</td>
<td>2016 – 2030</td>
<td>3.00% – 5.00%</td>
<td>$ 785</td>
<td>65</td>
</tr>
<tr>
<td>Series 2016</td>
<td>04/05/16</td>
<td>2016 – 2038</td>
<td>2.25% – 5.00%</td>
<td>$ 93,625</td>
<td>90,475</td>
</tr>
<tr>
<td>Series 2017 - Direct Placement</td>
<td>12/15/17</td>
<td>2020 – 2024</td>
<td>5.00%</td>
<td>$ 25,910</td>
<td>25,910</td>
</tr>
<tr>
<td>Series 2018</td>
<td>02/21/18</td>
<td>2020 – 2039</td>
<td>3.00% – 5.00%</td>
<td>$ 2,920</td>
<td>2,920</td>
</tr>
<tr>
<td>Total Lease Revenue Bonds Outstanding</td>
<td></td>
<td></td>
<td></td>
<td>199,986</td>
<td></td>
</tr>
<tr>
<td>Plus Unamortized Bond Premium</td>
<td></td>
<td></td>
<td></td>
<td>4,950</td>
<td></td>
</tr>
<tr>
<td>Total Lease Revenue Bonds Payable</td>
<td></td>
<td></td>
<td></td>
<td>$ 204,936</td>
<td></td>
</tr>
</tbody>
</table>

Table continues on next page
State of Utah
Notes to the Financial Statements
Fiscal Year Ended June 30, 2019

Business-type Activities
(dollars expressed in thousands)

Student Assistance Programs:

120 Trust Estate Student Loan Indentures............................ 2012 2032 Variable $ 518,700 154,214
14 Trust Estate Student Loan Indentures............................ 2014 2039 Variable $ 277,000 115,836
15 Trust Estate Student Loan Indentures............................ 2015 2043 Variable $ 415,500 169,522
16 Trust Estate Student Loan Indentures............................ 2016 2057 Variable $ 452,250 263,902
17 Trust Estate Student Loan Indentures............................ 2017 2057 Variable $ 420,000 267,300
SLPP Office Facility Bond Fund............................................ 2012 2014 – 2024 2.00% – 5.00% $ 7,295 2,695

Total Revenue Bonds Outstanding...................................... 1,265,880

Plus Unamortized Bond Discount ....................................... (12,253)

Total Revenue Bonds Payable.......................................... $ 1,253,627

SBOA Lease Revenue Bonds:

Series 2009 C.......................................................................... 09/09/09 2024, 2029 5.29 %, 5.77 % $ 16,715 $ 16,715
Series 2010 ............................................................................. 11/30/10 2011 – 2024 2.00% – 5.00% $ 12,180 5,646
Series 2012 A.......................................................................... 11/20/12 2017 – 2027 1.50% – 5.00% $ 3,855 3,090
Series 2012 B.......................................................................... 11/20/12 2013 – 2022 1.50% – 2.25% $ 2,600 333
Series 2015 ............................................................................. 04/29/15 2016 – 2030 3.00% – 5.00% $ 29,230 26,995
Series 2016 ............................................................................. 04/05/16 2016 – 2038 2.25% – 5.00% $ 4,525 4,225
Series 2018 ............................................................................. 02/21/18 2020 – 2039 3.00% – 5.00% $ 15,545 15,545

Total Lease Revenue Bonds Outstanding............................ 72,549

Plus Unamortized Bond Premium....................................... 4,253

Total Lease Revenue Bonds Payable................................ $ 76,802

Water Loan Programs:

Series 2010 C Recapitalization Revenue Bonds .................... 02/23/10 2018 – 2022 4.19% – 4.79% $ 31,225 $ 25,520

Total Recapitalization Revenue Bonds Outstanding........... 25,520

Plus Unamortized Bond Premium 0

Total Revenue/Lease Revenue/Recapitalization Revenue Bonds Payable.......................... $ 1,560,885

Revenue Bond Issues — Primary Government
Debt Service Requirements to Maturity
For Fiscal Years Ended June 30
(expressed in thousands)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>1993 Trust Estate Student Loan Indentures</th>
<th>2012 Trust Estate Student Loan Indentures</th>
<th>2014 Trust Estate Student Loan Indentures</th>
<th>2015 Trust Estate Student Loan Indentures</th>
<th>2016 Trust Estate Student Loan Indentures</th>
<th>2017 Trust Estate Student Loan Indentures</th>
<th>SLPP Office Facility Bond Fund</th>
<th>2009C SBOA Bonds</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>$ 81,500</td>
<td>$ 30,140</td>
<td>$ 18,587</td>
<td>$ 32,855</td>
<td>$ 52,176</td>
<td>$ 53,332</td>
<td>$ 715</td>
<td>$ 1,305</td>
</tr>
<tr>
<td>2021</td>
<td>47,800</td>
<td>29,982</td>
<td>18,413</td>
<td>31,527</td>
<td>50,289</td>
<td>51,846</td>
<td>725</td>
<td>1,370</td>
</tr>
<tr>
<td>2022</td>
<td>48,000</td>
<td>27,166</td>
<td>16,999</td>
<td>26,612</td>
<td>42,265</td>
<td>44,792</td>
<td>765</td>
<td>1,445</td>
</tr>
<tr>
<td>2023</td>
<td>42,000</td>
<td>20,362</td>
<td>13,699</td>
<td>20,773</td>
<td>32,375</td>
<td>34,642</td>
<td>240</td>
<td>1,520</td>
</tr>
<tr>
<td>2024</td>
<td>41,011</td>
<td>19,963</td>
<td>13,447</td>
<td>20,040</td>
<td>30,945</td>
<td>33,288</td>
<td>250</td>
<td>1,605</td>
</tr>
<tr>
<td>2025-2029...</td>
<td>32,100</td>
<td>26,601</td>
<td>34,691</td>
<td>37,715</td>
<td>55,852</td>
<td>49,400</td>
<td>—</td>
<td>9,470</td>
</tr>
<tr>
<td>2030-2034...</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>23,650</td>
<td>27,300</td>
<td>—</td>
</tr>
<tr>
<td>2035-2039...</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>$ 292,411</td>
<td>$ 154,214</td>
<td>$ 115,836</td>
<td>$ 169,522</td>
<td>$ 263,902</td>
<td>$ 267,300</td>
<td>$ 2,695</td>
<td>$ 16,715</td>
</tr>
</tbody>
</table>

Continues Below

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>—</td>
<td>$ 2,995</td>
<td>$ 415</td>
<td>$ 1,490</td>
<td>$ 1,005</td>
<td>$ 1,910</td>
<td>$ 3,475</td>
<td>$ 4,805</td>
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<tr>
<td>2021</td>
<td>—</td>
<td>3,145</td>
<td>430</td>
<td>1,555</td>
<td>665</td>
<td>2,020</td>
<td>3,625</td>
<td>5,120</td>
</tr>
<tr>
<td>2022</td>
<td>—</td>
<td>3,275</td>
<td>440</td>
<td>1,630</td>
<td>215</td>
<td>2,115</td>
<td>3,800</td>
<td>5,460</td>
</tr>
<tr>
<td>2023</td>
<td>—</td>
<td>3,445</td>
<td>455</td>
<td>1,710</td>
<td>—</td>
<td>2,220</td>
<td>4,025</td>
<td>5,085</td>
</tr>
<tr>
<td>2024</td>
<td>—</td>
<td>2,705</td>
<td>70</td>
<td>1,230</td>
<td>—</td>
<td>2,875</td>
<td>4,200</td>
<td>5,440</td>
</tr>
<tr>
<td>2025-2029...</td>
<td>45,745</td>
<td>—</td>
<td>390</td>
<td>4,555</td>
<td>—</td>
<td>14,110</td>
<td>23,650</td>
<td>—</td>
</tr>
<tr>
<td>2030-2034...</td>
<td>11,945</td>
<td>—</td>
<td>175</td>
<td>—</td>
<td>1,810</td>
<td>27,300</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2035-2039...</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>24,625</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>$ 57,690</td>
<td>$ 15,565</td>
<td>$ 2,375</td>
<td>$ 12,170</td>
<td>$ 1,885</td>
<td>$ 27,060</td>
<td>$ 94,700</td>
<td>$ 25,910</td>
</tr>
</tbody>
</table>

Continues Below
## Principal

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2018 SBOA Bonds 2010C Water Loan Recap Bond</th>
<th>Total Principal Amount Required</th>
<th>Total Interest Amount Required</th>
<th>Total Amount Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>$590 $5,955</td>
<td>$293,250</td>
<td>$49,704</td>
<td>$342,954</td>
</tr>
<tr>
<td>2021</td>
<td>610 6,220</td>
<td>255,342</td>
<td>40,174</td>
<td>295,516</td>
</tr>
<tr>
<td>2022</td>
<td>645 6,515</td>
<td>232,139</td>
<td>31,916</td>
<td>264,055</td>
</tr>
<tr>
<td>2023</td>
<td>675 6,830</td>
<td>190,056</td>
<td>24,847</td>
<td>214,903</td>
</tr>
<tr>
<td>2024</td>
<td>720 —</td>
<td>177,789</td>
<td>18,900</td>
<td>196,689</td>
</tr>
<tr>
<td>2025-2029</td>
<td>4,125 —</td>
<td>338,404</td>
<td>35,842</td>
<td>374,246</td>
</tr>
<tr>
<td>2030-2034</td>
<td>5,050 —</td>
<td>46,280</td>
<td>8,688</td>
<td>54,968</td>
</tr>
<tr>
<td>2035-2039</td>
<td>6,050 —</td>
<td>30,675</td>
<td>2,580</td>
<td>33,255</td>
</tr>
<tr>
<td>Total</td>
<td>$18,465 $25,520</td>
<td>$1,563,935</td>
<td>$212,651</td>
<td>$1,776,586</td>
</tr>
</tbody>
</table>

### Revenue Bonds Payable — Discrete Component Units

(dollars expressed in thousands)

<table>
<thead>
<tr>
<th>Bond Issue</th>
<th>Date Issued</th>
<th>Maturity Date</th>
<th>Interest Rate</th>
<th>Original Issue</th>
<th>Balance June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Utah Revenue Bonds</td>
<td>1998 - 2018</td>
<td>2018 – 2043</td>
<td>1.50% - 6.28%</td>
<td>$1,418,685</td>
<td>$967,058</td>
</tr>
<tr>
<td>Utah State University Revenue Bonds</td>
<td>2007 - 2018</td>
<td>2007 – 2050</td>
<td>1.03% - 5.25%</td>
<td>$300,811</td>
<td>224,750</td>
</tr>
<tr>
<td>Utah Transit Authority</td>
<td>2005 - 2018</td>
<td>2009 – 2042</td>
<td>3.00% - 5.94%</td>
<td>$3,162,942</td>
<td>2,193,617</td>
</tr>
<tr>
<td>Nonmajor Component Units Revenue Bonds,</td>
<td>2004 – 2018</td>
<td>2013 – 2049</td>
<td>1.75% - 6.00%</td>
<td>$211,000</td>
<td>164,162</td>
</tr>
<tr>
<td>Total Revenue Bonds Outstanding</td>
<td></td>
<td></td>
<td></td>
<td>3,549,587</td>
<td></td>
</tr>
<tr>
<td>Plus Unamortized Bond Premium</td>
<td></td>
<td></td>
<td></td>
<td>184,668</td>
<td></td>
</tr>
<tr>
<td>Total Revenue Bonds Payable</td>
<td></td>
<td></td>
<td></td>
<td>$3,734,255</td>
<td></td>
</tr>
</tbody>
</table>

### Revenue Bond Issues — Discrete Component Units

Debt Service Requirements to Maturity
For Fiscal Years Ended June 30
(expressed in thousands)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>University of Utah</th>
<th>Utah State University</th>
<th>Utah Transit Authority</th>
<th>Nonmajor Component Units</th>
<th>Total Principal Required</th>
<th>Interest Required</th>
<th>Total Amount Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>$50,175</td>
<td>$6,838</td>
<td>$17,500</td>
<td>$8,918</td>
<td>$83,431</td>
<td>$160,851</td>
<td>$244,282</td>
</tr>
<tr>
<td>2021</td>
<td>56,986</td>
<td>7,660</td>
<td>25,920</td>
<td>9,226</td>
<td>99,792</td>
<td>156,757</td>
<td>256,549</td>
</tr>
<tr>
<td>2022</td>
<td>59,345</td>
<td>7,993</td>
<td>35,075</td>
<td>9,199</td>
<td>111,612</td>
<td>152,406</td>
<td>264,018</td>
</tr>
<tr>
<td>2023</td>
<td>65,340</td>
<td>8,351</td>
<td>44,020</td>
<td>9,568</td>
<td>127,279</td>
<td>146,706</td>
<td>273,985</td>
</tr>
<tr>
<td>2024</td>
<td>68,924</td>
<td>8,695</td>
<td>55,090</td>
<td>11,236</td>
<td>143,945</td>
<td>140,581</td>
<td>284,526</td>
</tr>
<tr>
<td>2025-2029</td>
<td>314,510</td>
<td>46,148</td>
<td>423,661</td>
<td>49,624</td>
<td>833,943</td>
<td>618,829</td>
<td>1,452,772</td>
</tr>
<tr>
<td>2030-2034</td>
<td>208,161</td>
<td>45,835</td>
<td>534,121</td>
<td>32,926</td>
<td>821,043</td>
<td>423,919</td>
<td>1,244,962</td>
</tr>
<tr>
<td>2035-2039</td>
<td>98,402</td>
<td>37,650</td>
<td>636,590</td>
<td>13,935</td>
<td>786,577</td>
<td>227,535</td>
<td>1,014,112</td>
</tr>
<tr>
<td>2040-2044</td>
<td>35,602</td>
<td>34,100</td>
<td>421,640</td>
<td>9,805</td>
<td>501,147</td>
<td>52,563</td>
<td>553,710</td>
</tr>
<tr>
<td>2045-2049</td>
<td>9,613</td>
<td>19,730</td>
<td>—</td>
<td>8,540</td>
<td>37,883</td>
<td>3,072</td>
<td>40,955</td>
</tr>
<tr>
<td>2050-2054</td>
<td>—</td>
<td>1,750</td>
<td>1,85</td>
<td>2,935</td>
<td>85</td>
<td>3,020</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$967,058</td>
<td>$224,750</td>
<td>$2,193,017</td>
<td>$164,162</td>
<td>$3,549,587</td>
<td>$2,083,304</td>
<td>$5,632,891</td>
</tr>
</tbody>
</table>

### D. Conduit Debt Obligations

The Utah Charter School Finance Authority (nonmajor discrete component unit) issued conduit debt obligations on behalf of various charter schools. The debt is the responsibility of the charter schools, and neither the State nor any political subdivision of the State is obligated in any manner for repayment of the debt. Accordingly, this debt has not been reported in the accompanying financial statements. The outstanding balance at June 30, 2019, is $356,244 million in taxable and tax-exempt conduit debt.

### E. Defeased Bonds and Bond Refunding

In prior years, the State defeased certain general obligation and revenue bonds by placing the proceeds of new bonds and other monies available for debt service in irrevocable trusts to provide for all future debt service payments on the old bonds. Accordingly, the trust account assets and the liability for the defeased bonds are not included in the Statement of Net Position. At June 30, 2019, the total amount outstanding of defeased general obligation bonds was $308,780 million. At June 30, 2019, there were no outstanding defeased lease revenue bonds.
On March 15, 2018, Utah Transit Authority (major discrete component unit) issued Series 2018 Senior Lien Revenue Bonds in the amount of $83.765 million and $115.540 million in Series 2018 Subordinate Lien Revenue Bonds to provide resources to purchase qualifying open market securities that were placed in an irrevocable trust for the purpose of generating resources for the advanced refunding of certain 2017 revenue bonds, certain 2007A revenue bonds, and to finance certain capital projects. These resources are intended to provide all future debt payments for the 2017 and 2007A Bonds in the amount of $125.172 million of sales tax revenue bonds. As a result, the refunded bonds are considered to be defeased and the liability has been removed from the Authority’s financial statements. The advanced refundings were undertaken to reduce total debt service payments over the next 14 years by $122.907 million, and resulted in an economic gain of $5.587 million.

In prior years, discrete component units defeased certain revenue bonds by placing the proceeds of new bonds and various bond reserves in irrevocable trusts to provide for all future debt service payments on the old bonds. Accordingly, the trust account assets and the liability for the defeased bonds are not included in the component unit column on the Statement of Net Position. At June 30, 2019, $406.770 million of college and university bonds outstanding are considered defeased.

### F. Contracts Payable
Discrete component units capital leases/contracts payable include $5.047 million in life annuity contracts.

### G. Pollution Remediation Obligations
Under the federal Superfund law, the State is responsible for sharing remediation costs at sites where the Environmental Protection Agency expends Superfund trust monies for cleanup. Currently there are five sites in various stages of cleanup, from initial assessment to cleanup activities. The pollution remediation liabilities associated with these sites were measured using the actual contract cost, where no changes in cost are expected, or the expected cash flow technique. Liability estimates are subject to change due to price increases or reductions, technology, or changes in applicable laws or regulations governing the remediation efforts. As of June 30, 2019, the liability is $5.324 million. The State does not anticipate recovering reimbursements from the parties who caused the pollution.

### H. Notes Payable
The notes payable balance consists of notes issued by discrete component units for the purchase of buildings and equipment. The notes bear various interest rates and will be repaid over the next 10 years. They are secured by the related assets. Payment information on notes payable is presented below.

### I. Debt Service Requirements for Derivative Instruments
#### Business-type Activities
As explained in Note 3.E, the Student Assistance Programs (major enterprise fund) Board had issued on December 30, 2010, the Series 2010 EE bonds for the purpose of refinancing certain outstanding bonds in the 1993 indentures. As part of this issuance, the Board entered into an interest rate exchange (swap) agreement relating to the Board’s student loan revenue bonds. The projected net cash flows of the swap agreement are summarized below.

#### Student Assistance Programs
**Swap Payments and Associated Debt**
For Fiscal Years Ending June 30

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Counterparty Swap Payment</th>
<th>Interest Payments to Bondholders</th>
<th>Total Payments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>To</td>
<td>From</td>
<td>Net</td>
</tr>
<tr>
<td>2020-------- $ (6,618)</td>
<td>$ 8,110</td>
<td>$ 1,492</td>
<td>$ (8,110)</td>
</tr>
<tr>
<td>2021-------- $ (4,415)</td>
<td>5,410</td>
<td>995</td>
<td>(5,410)</td>
</tr>
<tr>
<td>2022-------- $ (2,754)</td>
<td>3,375</td>
<td>621</td>
<td>(3,375)</td>
</tr>
<tr>
<td>2023-------- (894)</td>
<td>1,095</td>
<td>201</td>
<td>(1,095)</td>
</tr>
<tr>
<td>2024-------- (117)</td>
<td>145</td>
<td>28</td>
<td>(145)</td>
</tr>
<tr>
<td>Total-------- $ (14,798)</td>
<td>$ 18,135</td>
<td>$ 3,337</td>
<td>$ (18,135)</td>
</tr>
</tbody>
</table>
Deferred Outflows and Inflows of Resources reported on the Statement of Net Position as of June 30, 2019, consisted of the following:

### Deferred Outflows and Inflows of Resources

<table>
<thead>
<tr>
<th>Primary Government</th>
<th>Governmental Activities</th>
<th>Business-type Activities</th>
<th>Discrete Component Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Outflows:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deferred Amount on Refundings of Bonded Debt</td>
<td>$15,518</td>
<td>$2,816</td>
<td>$104,170</td>
</tr>
<tr>
<td>Relating to Pensions</td>
<td>436,885</td>
<td>8,738</td>
<td>179,238</td>
</tr>
<tr>
<td>Relating to Other Postemployment Benefits</td>
<td>31,034</td>
<td>493</td>
<td>365</td>
</tr>
<tr>
<td>Total Deferred Outflows</td>
<td>$483,437</td>
<td>$12,047</td>
<td>$283,773</td>
</tr>
<tr>
<td>Deferred Inflows:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deferred Revenue</td>
<td>$7,088</td>
<td>$ —</td>
<td>$559</td>
</tr>
<tr>
<td>Relating to Beneficial Interests</td>
<td>—</td>
<td>$8,086</td>
<td>$1,441</td>
</tr>
<tr>
<td>Deferred Amount on Refundings of Bonded Debt</td>
<td>—</td>
<td>10,293</td>
<td>—</td>
</tr>
<tr>
<td>Fair Value of Interest Rate Swap Agreements</td>
<td>43,169</td>
<td>1,085</td>
<td>42,421</td>
</tr>
<tr>
<td>Relating to Pensions</td>
<td>36,055</td>
<td>555</td>
<td>418</td>
</tr>
<tr>
<td>Relating to Other Postemployment Benefits</td>
<td>—</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>Total Deferred Inflows</td>
<td>$86,312</td>
<td>$20,019</td>
<td>$57,950</td>
</tr>
</tbody>
</table>

Of the $483.436 million deferred outflows of resources reported in the governmental activities column on the government-wide Statement of Net Position, $436.885 million represent deferred outflows relating to pensions, of which $34.099 million are reported in the Internal Service Funds; and $31.034 million represent deferred outflows relating to other postemployment, of which $2.426 million are reported in the Internal Service Funds. The remaining $15.517 million represent deferred amount on refundings of bonded debt, of which $1 thousand are reported in the Internal Service Funds.

Of the $86.312 million deferred inflows of resources reported in the governmental activities column on the government-wide Statement of Net Position, $43.169 million represent deferred inflows relating to pensions, of which $3.814 million are reported in the Internal Service Funds; and $31.034 million represent deferred inflows relating to other postemployment, of which $2.426 million are reported in the Internal Service Funds. The remaining $7.088 million in deferred revenue represent imposed fees received before the period when those resources are permitted to be used.

Deferred outflows and inflows of resources for governmental funds, proprietary funds, and discrete component units are reported in detail in their respective fund statements.

Under the modified accrual basis of accounting, governmental fund financial statements reported deferred inflows of resources of $687.487 million in unavailable revenue. This was comprised of $526.034 million from various taxes and $161.453 million from other sources.

The deferred outflows of resources relating to pensions for governmental activities of $436.885 million and for business-type activities of $8.738 million differ from the deferred outflows of resources for the primary government of $450.084 million as reported in Note 18 due to the following: Student Assistance Programs of $1.021 million and Utah Dairy Commission of $144 thousand are included in business-type activities, but are excluded in the deferred outflows of resources reported for the primary government; the Utah Schools for the Deaf and Blind (nonmajor discrete component unit) of $5.626 million is excluded from presentation in the governmental and business-type activities reported above, but is included in the deferred outflows of resources reported for the primary government.

The deferred inflows of resources relating to pensions for governmental activities of $43.169 million and for business-type activities of $1.085 million differ from the deferred inflows of resources for the primary government of $44.011 million in Note 18 due to the following: Student Assistance Programs of $477 thousand and Utah Dairy Commission of $139 thousand are included in business-type activities, but are excluded in the deferred inflows of resources reported for the primary government; the Utah Schools for the Deaf and Blind (nonmajor discrete component unit) of $373 thousand is excluded from presentation in the governmental and business-type activities reported above, but is included in the deferred inflows of resources reported for the primary government.

These differences are due to the way in which Utah Retirement Systems (pension trust and defined contribution plans) combine and report the State’s retirement plans for Note 18, which is different than how the State reports the deferred outflows and inflows of resources by fund type in accordance with generally accepted accounting principles.

### NOTE 11. DEFERRED OUTFLOWS AND INFLOWS OF RESOURCES

#### A. Governmental Fund Balances – Restricted, Committed and Assigned

The State’s fund balances represent: (1) Restricted Purposes, which include balances that are legally restricted for specific purposes due to constraints that are imposed by law through constitutional provisions or are externally imposed by creditors, grantors, contributors, or laws or regulations of other governments; (2) Committed Purposes, which include balances that can only be used for specific purposes pursuant to constraints imposed by formal action of the Legislature; (3) Assigned Purposes, which include balances that are constrained by the government’s intent to be used for specific purposes, but are neither restricted nor committed. A summary of the nature and purpose of these reserves by fund type at June 30, 2019, follows:
# Notes to the Financial Statements

## Fiscal Year Ended June 30, 2019

### Governmental Fund Balances

**Expressed in thousands**

<table>
<thead>
<tr>
<th>General Fund:</th>
<th>Restricted Purposes</th>
<th>Committed Purposes</th>
<th>Assigned Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Government:</strong></td>
<td>$</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Legislature</td>
<td></td>
<td>$15,065</td>
<td>$</td>
</tr>
<tr>
<td>Elected Officials</td>
<td>$282</td>
<td>$14,211</td>
<td></td>
</tr>
<tr>
<td>Governor’s Office</td>
<td>$38</td>
<td>$31,116</td>
<td></td>
</tr>
<tr>
<td>Administrative Services</td>
<td>$128</td>
<td>$57,665</td>
<td></td>
</tr>
<tr>
<td>Revenue Assessments and Collections</td>
<td></td>
<td>$14,362</td>
<td></td>
</tr>
<tr>
<td>Human Services</td>
<td>$2</td>
<td>$15,233</td>
<td></td>
</tr>
<tr>
<td>Corrections</td>
<td></td>
<td>$10,262</td>
<td></td>
</tr>
<tr>
<td>Public Safety</td>
<td>$9,944</td>
<td>$31,574</td>
<td></td>
</tr>
<tr>
<td>Courts</td>
<td></td>
<td>$8,263</td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td>$148</td>
<td>$31,244</td>
<td></td>
</tr>
<tr>
<td>Environmental Quality</td>
<td></td>
<td>$19,683</td>
<td></td>
</tr>
<tr>
<td>Employment and Family Services</td>
<td>$271</td>
<td>$31,634</td>
<td></td>
</tr>
<tr>
<td>Natural Resources</td>
<td>$22,505</td>
<td>$125,981</td>
<td></td>
</tr>
<tr>
<td>Heritage and Arts</td>
<td>$6</td>
<td>$6,761</td>
<td></td>
</tr>
<tr>
<td>Business, Labor, and Agriculture</td>
<td>$79</td>
<td>$52,573</td>
<td></td>
</tr>
<tr>
<td>Budget Reserve (Rainy Day) Account</td>
<td></td>
<td>$225,121</td>
<td></td>
</tr>
<tr>
<td>Medicaid Budget Stabilization Account</td>
<td></td>
<td>$74,819</td>
<td></td>
</tr>
<tr>
<td>Industrial Assistance</td>
<td></td>
<td>$18,995</td>
<td></td>
</tr>
<tr>
<td><strong>Tax Accruals and Other Purposes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fiscal Year 2020 Appropriations:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line Item Appropriations</td>
<td>$9,838</td>
<td>$50,609</td>
<td></td>
</tr>
<tr>
<td>Other Purposes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$43,241</td>
<td>$835,171</td>
<td>$339,999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Education Fund:</th>
<th>Restricted Purposes</th>
<th>Committed Purposes</th>
<th>Assigned Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum School Program</td>
<td>$64,636</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>State Office of Education</td>
<td>$84,327</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School Building Program</td>
<td>$27,842</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School LAND Trust Program</td>
<td>$85,790</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education Budget Reserve Account</td>
<td>$471,908</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tax Accruals and Other Purposes</td>
<td>$267,147</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fiscal Year 2020 Appropriations:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line Item Appropriations</td>
<td>$94,025</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available for Appropriation</td>
<td>$107,275</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Purposes</td>
<td>$703</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$1,203,653</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transportation Fund:</th>
<th>Restricted Purposes</th>
<th>Committed Purposes</th>
<th>Assigned Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation – Construction/Maintenance</td>
<td>$370,628</td>
<td>$</td>
<td>$4,475</td>
</tr>
<tr>
<td>Public Safety</td>
<td>$24,233</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor Preservation</td>
<td>$29,580</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aeronautical Programs</td>
<td>$6,263</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tax Accruals and Other Purposes</td>
<td>$63,280</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$493,984</td>
<td>$</td>
<td>$4,475</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transportation Investment Fund:</th>
<th>Restricted Purposes</th>
<th>Committed Purposes</th>
<th>Assigned Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation Investment Capacity Projects</td>
<td>$</td>
<td>$601,773</td>
<td></td>
</tr>
<tr>
<td>Other Purposes</td>
<td></td>
<td>$68,522</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$</td>
<td>$670,295</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permanent Fund - Trust Lands:</th>
<th>Restricted Purposes</th>
<th>Committed Purposes</th>
<th>Assigned Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Education System</td>
<td>$837,820</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Higher Education and Other Purposes</td>
<td>$39,332</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$877,152</td>
<td>$</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nonmajor Governmental Funds:</th>
<th>Restricted Purposes</th>
<th>Committed Purposes</th>
<th>Assigned Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Projects</td>
<td>$108,571</td>
<td>$</td>
<td>$490,664</td>
</tr>
<tr>
<td>Debt Service</td>
<td></td>
<td>$20,541</td>
<td></td>
</tr>
<tr>
<td>State Endowment Fund</td>
<td></td>
<td>$245,153</td>
<td></td>
</tr>
<tr>
<td>Environmental Reclamation</td>
<td>$8,438</td>
<td>$6,644</td>
<td></td>
</tr>
<tr>
<td>Rural Development</td>
<td></td>
<td>$23,498</td>
<td></td>
</tr>
<tr>
<td>Other Purposes</td>
<td>$39,536</td>
<td>$53,971</td>
<td>$33,358</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$156,545</td>
<td>$329,266</td>
<td>$544,563</td>
</tr>
</tbody>
</table>

* Resources restricted through constitutional provisions.
State of Utah Notes to the Financial Statements Fiscal Year Ended June 30, 2019

B. Budget Stabilization Accounts

In accordance with Sections 63J-1-312 and 313 of the Utah Code, the State maintains the General Fund Budget Reserve Account in the General Fund (the “Rainy Day Fund”) and an Education Fund Budget Reserve Account in the Education Fund (the “Education Reserve”). These stabilization balances can generally only be used for specific purposes detailed in Section 63J-1-312 and 313, upon appropriation by the Legislature. State law requires 25 percent of any revenue surplus in the General Fund to be deposited in the Rainy Day Fund after any required Medicaid growth savings transfer is made (see Medicaid Budget Sustainability Account discussion below) and 25 percent of any revenue surplus in the Education Fund to be deposited in the Education Reserve, in each case up to a statutory limit. State law limits the totals of the Rainy Day Fund and Education Reserve to 9 and 11 percent of appropriations from the General Fund and Education Fund, respectively, for the fiscal year in which the surplus occurred.

The Rainy Day Fund and Education Reserve are available only under specific circumstances detailed in the Utah Code. Historically, resources from the Rainy Day Fund or Education Reserve have only been expended during recessionary periods to cover overall budget shortfalls after the Legislature has exhausted other budgetary measures. In two instances, resources from the Rainy Day Fund were also appropriated for state settlement agreements.

Section 63J-1-217 of the Utah Code requires the State to maintain a balanced budget. If a budget shortfall is expected, the Governor is required to direct state agencies to reduce commitments and expenditures by an amount proportionate to any revenue shortfall until the Legislature is able to take action to rectify the shortfall. The Legislature utilizes funding reallocations, spending cuts, and reserve funds to address a shortfall. If these measures do not rectify the shortfall, the Legislature may use the stabilization funds in extreme cases. Over the past 15 years, the Rainy Day Fund has been used three times, once for a budget shortfall and twice to pay state settlement agreements. Over the same period of time, the Education Reserve has been used twice for budget shortfalls.

The Rainy Day Fund and the Education Reserve ended the year with balances of $225,121 million and $471,908 million, respectively. For the fiscal year ended June 30, 2019, there was no transfer into the Rainy Day Fund because there was no revenue surplus, as defined by law. The Education Reserve received $33,510 million as a result of a revenue surplus.

In accordance with Section 63J-1-315 of the Utah Code, the State maintains the Medicaid Growth Reduction and Budget Stabilization Restricted Account (“Medicaid Budget Stabilization Account”). The account can only be used for specific purposes detailed in Section 63J-1-315, upon appropriation by the Legislature. The Legislature may appropriate money from the account only if Medicaid program expenditures are estimated to be 108 percent or more of Medicaid program expenditures for the previous year. This is not expected to occur routinely, as the state has implemented reforms in the Medicaid Program to bring Medicaid growth more in line with overall state revenue growth. In the seven years since the fund was created, there have been no appropriations from the fund. The account is funded in a fiscal year when there are savings in the Medicaid Program and a General Fund revenue surplus. For the fiscal year ended June 30, 2019, there was no transfer to the Medicaid Budget Stabilization Account because there was no revenue surplus, as defined by law. The account ended the year with a balance of $74,819 million.

C. Minimum Fund Balance Policies

Statutorily, the State established a minimum fund balance policy for two funds, the Disaster Recovery Restricted Account and the Local Government Emergency Response Loan Fund. In accordance with Section 53-2a-603 of the Utah Code, under certain circumstances, the Disaster Recovery Restricted Account may be used to provide short-term loans to a member state of the Emergency Management Assistance Compact. Loans may be issued from the account as long as the fund maintains a minimum fund balance of $10 million. Section 53-2a-607 of the Utah Code, requires the Local Government Emergency Response Loan Fund to provide short-term, low-interest loans to local government entities. The amount loaned may not be more than 50 percent of the total fund balance available, or an amount that will leave the fund balance at less than $10 million.

D. Net Position Restricted by Enabling Legislation

The State’s net position restricted by enabling legislation represents resources which a party external to a government—such as citizens, public interest groups, or the judiciary—can compel the government to use only for the purpose specified by the legislation. The government-wide Statement of Net Position reports $7.240 billion of restricted net position, of which $33.370 million is restricted by enabling legislation.

NOTE 13. DEFICIT NET POSITION AND FUND BALANCE

Funds reporting a deficit total net position at June 30, 2019, are (in thousands):

- Private Purpose Trust Funds: Petroleum Storage Tank $ (8,349)
- Enterprise Funds: State Trust Lands Administration $ (140)

The Petroleum Storage Tank Trust covers the cleanup costs of leaks from state-approved underground petroleum storage tanks. The assets in the fund are more than adequate to pay current claims. Unfunded future claims will be funded solely by future trust revenues.

The deficit net positions in the Technology Services, Human Resource Management, and Attorney General Legal Services Funds are the result recording the funds’ portions of pensions and other postemployment benefits (OPEB) as required by GASB Statements. These Statements require the recognition and reporting of the net pension liability, net OPEB liability, and related transactions, often resulting in a deficit net position. The Technology Services, Human Resource Management, and Attorney General Legal Services Funds also reported a $25.778 million deficit, a $4,691 million deficit, and a $11.169 million deficit respectively, in the unrestricted portions of their net positions at June 30, 2019, primarily as a result of implementing these Statements.

The Enterprise Fund deficit net position in State Trust Lands Administration is a result of a decrease in the royalty accruals in previous years because of general market conditions at that time. State Trust Lands Administration also reported a deficit of $675 thousand in the unrestricted portion of its net position also due to recording the fund’s portions of pensions and other postemployment benefits (OPEB).
Other than noted above, funds reporting a deficit position in the unrestricted portion of their net position at June 30, 2019, are (in thousands):

Internal Service Funds:
  Fleet Operations .................................. $ (20,791)
  Risk Management .................................. $ (5,308)

Enterprise Funds:
  Alcoholic Beverage Control ......................... $ (10,361)
  Utah Correctional Industries ....................... $ (888)

The deficit in the Fleet Operations Internal Service Fund is mainly due to the significant investment in capital assets required for these operations. Management is working on changing how fleet vehicles are acquired, which should help reduce this deficit.

The deficit in the Risk Management Internal Service Fund is mainly because this fund experienced higher claims than it received in premiums during the fiscal year. Consequently, Risk Management has adjusted its rates and deductibles for the coming fiscal year. This deficit was also due to recording the funds’ portions of pensions and other postemployment benefits (OPEB).

The deficit in the Alcoholic Beverage Control Enterprise Fund and Utah Correctional Industries is due to recording the funds’ portions of pensions and other postemployment benefits (OPEB).

NOTE 14. INTERFUND TRANSFERS

Transfers between funds occur when one fund collects revenue and transfers the assets to another fund for expenditure or when one fund provides working capital to another fund. All transfers must be legally authorized by the Legislature through statute or an Appropriation Act. Interfund transfers for the fiscal year ended June 30, 2019, are as follows (in thousands):

<table>
<thead>
<tr>
<th>Transferred From</th>
<th>General Fund</th>
<th>Education Fund</th>
<th>Transportation Fund</th>
<th>Transportation Investment Fund</th>
<th>Trust Funds</th>
<th>Nonmajor Governmental Funds</th>
<th>Water Loan Programs</th>
<th>Nonmajor Enterprise Funds</th>
<th>Internal Service Funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>$ —</td>
<td>$ 9,620</td>
<td>$ 34,100</td>
<td>$ —</td>
<td>$ 19</td>
<td>$ 383,622</td>
<td>$ 1,241</td>
<td>$ 12,175</td>
<td>$ 775</td>
<td>$ 441,552</td>
</tr>
<tr>
<td>Education Fund</td>
<td>1,134,724</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>200,287</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>1,335,011</td>
</tr>
<tr>
<td>Transportation Fund</td>
<td>51,143</td>
<td>—</td>
<td>38,147</td>
<td>20,077</td>
<td>—</td>
<td>1,033</td>
<td>110,400</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Transportation Investment Fund</td>
<td>—</td>
<td>—</td>
<td>9,927</td>
<td>—</td>
<td>295,638</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>305,565</td>
<td></td>
</tr>
<tr>
<td>Trust Lands Fund</td>
<td>—</td>
<td>82,663</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>82,663</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Nonmajor Governmental Funds</td>
<td>160,088</td>
<td>—</td>
<td>—</td>
<td>4,116</td>
<td>—</td>
<td>—</td>
<td>1,326</td>
<td>165,530</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unemployment Compensation Fund</td>
<td>2,747</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>2,747</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Loan Programs</td>
<td>13,881</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>13,881</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Community Impact Loan Fund</td>
<td>17,967</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>17,967</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonmajor Enterprise Funds</td>
<td>120,766</td>
<td>1,791</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>122,557</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internal Service Funds</td>
<td>258</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>258</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$ 1,501,574</td>
<td>$ 94,074</td>
<td>$ 44,027</td>
<td>$ 38,147</td>
<td>$ 903,740</td>
<td>$ 1,241</td>
<td>$ 12,175</td>
<td>$ 3,134</td>
<td>$ 2,598,131</td>
<td></td>
</tr>
</tbody>
</table>

Transfers from major governmental funds to nonmajor governmental funds are primarily for debt service expenditures and capital facility construction. Transfers from nonmajor enterprise funds to the General Fund are mostly liquor profits from the Alcoholic Beverage Control Fund that are required by statute to be deposited in the General Fund. Transfers of Trust Lands Fund (permanent fund) investment earnings are required by State constitution and statute to be deposited in the Education Fund (major governmental fund). In addition, mineral lease revenue was transferred to the Transportation Investment Fund (major capital projects fund) for the development of impacted communities related to various transportation needs. All other transfers are made to finance various programs as authorized by the Legislature.

During fiscal year 2019, the Legislature authorized transfers of $258 thousand from the Internal Service Funds to the General Fund to subsidize general fund revenues. In addition, the Legislature authorized payments of $1.166 billion to discrete component units. Payments to discrete component units are reported as expenditures in both the General Fund governmental fund statements and the governmental activities column of the Statement of Activities. They are also reported as revenues in the component units column of the Statement of Activities.

NOTE 15. TAX ABATEMENTS

The State provides tax abatements through a number of programs administered by the Governor’s Office of Economic Development (GOED): the Economic Development Tax Increment Financing (EDTIF) program, the Motion Picture Incentive Program (MPIP), the New Markets Tax Credit program (NMTC), and the Utah Rural Jobs Act program (UJRA). These programs offer post-performance tax abatements of corporate and individual tax revenues, which would otherwise fund education, in exchange for specific actions that are intended to benefit the State or its citizens. GOED also administers the New Convention Facility Development Incentives program (NCFDI). This program offers tax abatement of sales tax revenues, which would otherwise fund government services, in exchange for specific actions that are intended to benefit the State or its citizens.

The EDTIF program provides incentives in the form of a refundable tax credit to accelerate business growth, job creation, and to encourage economic development within specific economic development zones. A business entity must enter into an incentive agreement with GOED, which specifies performance milestones on a commercial project. According to Section 63N-2-1 of the Utah
Code, the project must: (1) be within the development zone; (2) include direct investment in the zone; (3) bring new incremental jobs to Utah; (4) create high-paying jobs and significant capital investment in the State or significant purchases from vendors, contractors, or service providers in the State; (5) generate new State revenues; and (6) meet the procedural eligibility requirements to qualify for a tax credit.

Each year, a business entity must apply to GOED for a tax credit certificate. GOED reviews the results of the commercial project for compliance before a credit is issued. A tax credit may not exceed 30 percent of new state tax revenues from the new project over the lesser of the life of the project or 20 years. A tax credit of up to 60 percent of new state tax revenues is allowed if a minimum $1.5 billion capital investment is made. A tax credit may not exceed 50 percent of new state tax revenues from the new project in a given year. If a business entity should fail to meet its obligations or has received more EDTIF refundable tax credits than it is entitled to, the excess amount must be returned and any future claim for credit may be denied and/or the contract may be nullified.

The MPIP provides tax credits to encourage television and movie producers to film in the State of Utah. This refundable tax credit provides financial incentives to qualified, pre-approved participants in the film industry to develop a strong motion picture presence in the State and boost the State’s economy. Section 63N-8-104 of the Utah Code allows up to 20 percent refundable tax credit, and an additional 5 percent, not to exceed 25 percent of the dollars left in the state by the motion picture company, if the applicant: (1) employs a significant percentage of cast and crew locally; (2) highlights Utah and the Utah Film Commission in the motion picture credits; and (3) meets other agreed-upon promotion requirements. The tax credit certificates are issued after the company completes production, pays in full all Utah-based vendors, and provides an independently reviewed financial report for verification. Each fiscal year, GOED may issue up to $6.794 million in tax credit certificates, or more if there are remaining unissued tax credits from a prior year.

The NMTC program provides incentives in the form of nonrefundable tax credits to Community Development Entities (CDE) that make qualified equity investments in small businesses. Similar to the federal program of the same name, the State NMTC program was designed to use $50 million raised by Private Community Investment Firms to bolster the most severely distressed, low-income areas of the State. According to Section 63N-2-603 of the Utah Code, a CDE that seeks to have an equity investment in a qualified low-income community investment is eligible for a tax credit. Section 63N-2-503 of the Utah Code allows a refund of sales tax up to a maximum annual amount based on a maximum percentage specified in the agreement, and limited to $75 million in the aggregate for the eligibility period, if the applicant develops a qualified hotel on or after July 1, 2014 that meets the following requirements: (1) the project requires a significant capital investment; (2) includes at least 85 square feet of convention, exhibit, and meeting space per guest room; and (3) is located within 1,000 feet of a convention center that contains at least 50,000 square feet of convention, exhibit, and meeting space. A qualified hotel owner or host local government that wishes to qualify for the convention incentive must submit a written claim that includes all required components described in 63N-2-505 of the Utah Code.

GOED entered into an agreement with a qualified hotel owner during fiscal year 2019, however, the eligibility period does not commence until construction of the qualified hotel begins and this has not yet occurred for the existing agreement. Therefore, no taxes were abated related to this project during fiscal year 2019.

The URJA program enables an eligible small business located in a rural county to expand and create high-paying jobs by providing flexible and affordable capital. This tax abatement provides financial incentives to a qualified claimant in a rural investment company that makes a credit-eligible investment of cash. Section 63N-4-304 of the Utah Code allows a tax credit equal to 25 percent of the claimant’s total credit-eligible capital contribution in each of the taxable years that include the fourth through the seventh anniversaries of the closing date. According to Section 63N-4-303 of the Utah Code, a Rural Investment Company (RIC) must submit an application that includes the following: (1) a copy of a license as a federally licensed rural business investment company or as a federally licensed small business investment company; (2) evidence that before the date the application is submitted, the applicant have invested at least $50 million in nonpublic companies located in counties in the U.S. with fewer than 50,000 inhabitants; (3) a signed affidavit from each claimant stating the amount of the commitment; and (4) the sum of all credit-eligible contribution commitments, which must equal 58 percent of the total investment authority sought by the applicant. In addition, an RIC must perform the following within sixty five days of approval: (1) collect the total amount of committed credit-eligible capital contributions from each claimant included in the application; (2) collect one or more cash equity investments contributed by affiliates of the RIC; and (3) collect one or more cash investments when combined with collections in (1) and (2) equal the RICs investment authority.

As authorized by 63N-4-305 of the Utah Code, the credit may be recaptured in the following situations: (1) if the RIC fails to invest 100 percent of its investment authority until the seventh anniversary
of the closing date; (2) if the RIC fails to maintain growth investments in this state equal to 100 percent of its investment authority until the seventh anniversary of the closing date; (3) if the RIC makes a distribution or payment that results in the RIC having less than 100 percent of its investment authority invested in growth investments in this state or available for growth investments and held in cash and other marketable securities; (4) if the RIC fails to maintain growth investments equal to 70 percent of its investment authority in eligible small businesses that maintain their principal business operations in a rural county; (5) if the RIC invests more than $5 million from its investment authority in the same eligible small business; and (6) if the RIC makes a growth investment in an eligible small business that owns or has the right to acquire an ownership interest in the RIC or makes a loan to or an investment in the RIC.

Three RICs have been given investment authority of $42 million. The applications were approved in calendar year 2017. Credits can only be claimed in taxable years that include the fourth through the seventh anniversary of the closing date; therefore, no credits will be claimed until 2022.

The gross dollar amounts, on an accrual basis, by which the State’s revenues were reduced for the fiscal year ended June 30, 2019 are:

<table>
<thead>
<tr>
<th>Program</th>
<th>Amount of Taxes Abated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motion Picture Incentive Program</td>
<td>$16,404</td>
</tr>
<tr>
<td>Economic Development Tax Increment Financing</td>
<td>9,117</td>
</tr>
<tr>
<td>New Markets Tax Credit Program</td>
<td>6,000</td>
</tr>
<tr>
<td>Total</td>
<td>$31,521</td>
</tr>
</tbody>
</table>

The State has other recently enacted tax abatement programs where tax abatement agreements have not been entered into or the total tax abatement for these programs is less than $300 thousand in a fiscal year. The State has no tax abatements that are entered into by other governments that reduce the State’s tax revenues. In addition, the State has other various tax credit incentives that are not defined as abatement for these programs is less than $300 thousand in a fiscal year. Credits can only be claimed in taxable years that include the fourth through the seventh anniversary of the closing date; therefore, no credits will be claimed until 2022.

The State has other various tax credit incentives that are not defined as abatement for these programs is less than $300 thousand in a fiscal year. Credits can only be claimed in taxable years that include the fourth through the seventh anniversary of the closing date; therefore, no credits will be claimed until 2022.

The State has other various tax credit incentives that are not defined as abatement for these programs is less than $300 thousand in a fiscal year. Credits can only be claimed in taxable years that include the fourth through the seventh anniversary of the closing date; therefore, no credits will be claimed until 2022.

The States other various tax credit incentives that are not defined as abatement for these programs is less than $300 thousand in a fiscal year. Credits can only be claimed in taxable years that include the fourth through the seventh anniversary of the closing date; therefore, no credits will be claimed until 2022.

The States other various tax credit incentives that are not defined as abatement for these programs is less than $300 thousand in a fiscal year. Credits can only be claimed in taxable years that include the fourth through the seventh anniversary of the closing date; therefore, no credits will be claimed until 2022.

NOTE 16. LITIGATION, CONTINGENCIES, AND COMMITMENTS

A. Litigation

- The State is involved in various legal actions arising in the ordinary course of business. The State is vigorously contesting all of these matters, but as of this date it is not possible to determine the outcome of these proceedings. In the opinion of the Attorney General and management, the ultimate disposition of these matters will not have a material adverse effect on the State’s financial position.

- In addition to the items above, the State is contesting other legal actions totaling over $14.030 million plus attorneys’ fees and interest and other cases where the amount of potential loss is indeterminable. Some portions of the amounts sought have been paid by the State or placed in escrow.

- The University of Utah (major discrete component unit) is vigorously contesting a legal action where the amount of potential loss is indeterminable but estimated to be less than $10 million.

B. Contingencies

- The State receives a significant amount of funding from the federal government. Funds flowing from the federal government to the State are subject to changes to federal laws and appropriations. Based on the financial position of the federal government, it is reasonably possible that events will occur in the near term that will significantly affect the flow of federal funds to the State. The State is taking action to identify and address the impact a significant reduction of federal funds will have on the programs and operations of the State, including requiring contingency plans from state agencies.

- Financial and compliance audits (Single Audit) of federal grants, contracts, and agreements were conducted under the provisions of the Federal Office of Management and Budget’s circulars. As a result of the audits, identified questioned costs are immaterial. In addition, program compliance audits by the federal government are conducted periodically; however, an estimate of any potential disallowances on these audits and findings on other audits on noncompliance cannot be estimated as to the potential liability. The Single Audit for the fiscal year ended June 30, 2019, will be available in December 2019.

- Management’s estimated liability for the Petroleum Storage Tank Trust (private purpose trust fund) is highly sensitive to change based on the short period of historical data and the uncertainty in estimating costs. Since it is not possible to determine the occurrence date of a leak in an underground storage tank, it is not possible to estimate the number or the associated costs of leaks that have not been detected.

- The Utah Fund of Funds (UFOF) (legally separate entity) was created by the passage of the Utah Venture Capital Enhancement Act in fiscal year 2003 to mobilize private investments and enhance the venture capital culture and infrastructure within the State. The State’s involvement in this program is limited to public oversight of the UFOF primarily in the form of approving the issuance of contingent tax credit certificates, ensuring that the UFOF is achieving its statutory purposes of spurring economic development and protecting against the redemption of contingent tax credits. The aggregate outstanding tax certificates available to the program cannot exceed: (1) $130 million of contingent tax credits used as collateral or a guarantee on loans for the debt-based financing of investments initiated before July 1, 2014; or (2) $120 million of contingent tax credits for a loan refinanced using debt-based or equity-based financing; and (3) $100 million used as an incentive for equity investments in the UFOF. The tax certificates are structured so that not more than $20 million of contingent tax credits for each $100 million increment of contingent tax liability may be redeemable in any fiscal year. At December 31, 2018, a $38 million note payable was outstanding and invested in venture capital and private equity funds. The note will mature in 2021. Under certain circumstances, the holder of a certificate is entitled to a refundable tax credit against tax liabilities imposed by Section 59-7, “Corporate Franchise and Income Taxes,” or Section 59-10, “Individual Income Tax Act” of the Utah Code. To date, the State has not had to place any contingent tax credits into the program, and it does not anticipate the use of tax credits anytime in the near future.

- The State is self-insured for liability claims up to $2 million and beyond the excess insurance policy limit of $10 million. The State is self-insured for individual property and casualty claims up to $1 million and up to $3.5 million in aggregate claims and beyond the excess insurance policy limit of $1 billion per occurrence. According to an actuarial study and
other known factors, $63,558 million exists as either incurred but unfiled or unpaid claims. This amount is reported as a liability of the Department of Administrative Services’ Risk Management Fund (internal service fund).

• The Utah School Bond Guaranty Act (Sections 53G-4-801 to 808 of the Utah Code), which took effect on January 1, 1997, pledges the full faith, credit, and unlimited taxing power of the State to guaranty full and timely payment of the principal and interest on general obligation bonds issued by qualifying local school boards. The primary purpose of the Guaranty Act is to reduce borrowing costs for local school boards by providing credit enhancement for Guaranteed Bonds. The local school boards do not meet the criteria for inclusion as part of the State’s reporting entity.

In the event a school board is unable to make the scheduled debt service payments on its Guaranteed Bonds, the State is required to make such payments in a timely manner. For this purpose, the State may use any available monies, may use short-term borrowing from the State Permanent School Fund (part of the permanent Trust Lands Fund), or may issue short-term general obligation notes. The local school board remains liable to the State for any such payments on Guaranteed Bonds. Reimbursements to the State may be obtained by intercepting payment of state funds intended for the local school board. The State may also compel the local school board to levy a tax sufficient to reimburse the State for any guaranty payments.

The State Superintendent of Public Instruction is charged with monitoring the financial condition of local school boards and reporting, at least annually, its conclusions to the Governor, the Legislature, and the State Treasurer. The State Superintendent must report immediately any circumstances that suggest a local school board may not be able to pay its debt service obligations when due. The State has not advanced any monies for the payment of debt service on Guaranteed Bonds and does not expect that it will be required to advance monies for any significant period of time.

Local school boards have $3.367 billion principal amount of Guaranteed Bonds outstanding at June 30, 2019, with the last maturity date being 2039. The State cannot predict the amount of bonds that may be guaranteed in future years, but no limitation is currently imposed by the Guaranty Act.

• The Charter School Credit Enhancement Program (Program) (Sections 53A-20b-201 to 204 of the Utah Code) was established to reduce borrowing costs for qualifying charter schools by providing credit enhancement on bonds issued on behalf of those schools. Bonds issued under this Program are not legal obligations of the State, and neither the State nor any political subdivision of the State is obligated in any manner for repayment of the bonds. If a charter school with bonds issued under the Program draws on its debt service reserve fund, state law requires the Governor to request an appropriation from the Legislature to restore the school’s debt service reserve fund to its required level or to meet any principal or interest payment deficiency. However, the Legislature is not required to make any such appropriations. A charter school is required to repay the State any appropriations it receives to restore its debt service reserves at the time and in the manner required by the Utah Charter School Finance Authority (Authority) (nonmajor discrete component unit).

When bonds are issued under the Program, the qualifying school pays up-front and ongoing fees at rates determined by the Authority. These fees are deposited into a restricted reserve account that was funded initially with a $3 million appropriation. These monies may be appropriated by the Legislature to replenish any deficiency in the debt service reserve fund of a charter school under the Program.

The Authority is the conduit issuer of Credit Enhancement Program bonds and responsible for developing criteria by which a charter school qualifies to participate in the Program. The Authority is also charged with monitoring the financial condition of qualifying charter schools and certifying, at least annually, the amount required to restore amounts on deposit in the debt service reserve funds of charter schools participating in the Program. The total amount of charter school debt enhanced by the Program is limited by formula. As of June 30, 2019, $327.010 million of debt was outstanding under the Program.

• At June 30, 2019, the Utah Higher Education Assistance Authority Student Loan Guarantee Program (Student Assistance Programs, major enterprise fund) had guaranteed student loans outstanding with a current principal and interest balance of $684.579 million.

• The Attorney General of the State sued the tobacco industry for medical costs related to smoking. The State of Utah has signed on to a master settlement agreement along with 45 other states. The major tobacco manufacturers and most of the smaller manufacturers have joined the agreement. The State received $25.677 million from tobacco companies in fiscal year 2019 and expects to receive approximately $26 million in fiscal year 2020. Annual payments will be adjusted for factors, such as inflation, decreased sales volume, previously settled lawsuits, disputed payments, and legal fees.

• The Utah School Readiness Initiative (Title 35A Chapter 15 of the Utah Code) created the School Readiness Board (the Board) and enabled the Board to provide grants and enter into contracts with private entities in order to improve early childhood education for at-risk students. Under the terms of the contract, private investors fund the program using a social impact bond financial model. This bond offers the investors a return on investment only if students in the program meet specific education benchmarks. The maximum number of students the program will pay on is 427 per year for each of the remaining 6 years. As of June 30, 2019, the State of Utah has reserved a total of $5.860 million to cover student evaluations and any repayment of the social impact bond. The program has repaid $1.780 million to investors as of June 30, 2019. The Board authorized an additional payment to investors of $1.234 million at the October 2019 board meeting. It is anticipated the State of Utah will commit additional funds in future years as necessary.

C. Commitments

• At June 30, 2019, the Industrial Assistance Program of the General Fund had grant commitments of $18.612 million, contingent on participating companies meeting certain performance criteria.

• At June 30, 2019, the Economic Development Tax Increment Financing incentive program had outstanding long-term contract commitments for General Fund cash rebates of $83.677 million and Education Fund tax credits (tax abatements) of $577.629 million. These cash rebates and tax credits are contingent on participating companies meeting certain economic development performance criteria.

• At June 30, 2019, the Motion Picture Incentive Program had outstanding contract commitments for General Fund cash rebates of $2.248 million and Education Fund tax credits (tax
abatements) of $44.449 million. These cash rebates and credits are contingent upon participating motion picture companies meeting certain within-the-state production criteria.

- At June 30, 2019, the New Markets Tax Credit program had outstanding contract commitments for Education Fund tax credits (tax abatements) of $11.000 million. These tax credits are contingent on the participating entities meeting a statutory required amount of investment in Utah companies.

- At June 30, 2019, the New Convention Facilities Development Incentives program had outstanding contract commitments for General Fund tax credits (tax abatements) of $75.000 million. These tax credits are contingent on the participating entities meeting statutorily required construction criteria.

- At June 30, 2019, the Utah Rural Jobs Act program had outstanding commitments for Education Fund tax credits (tax abatements) of $24.360 million. These tax credits are contingent on the participating entities meeting statutorily required construction criteria.

- At June 30, 2019, the Utah Department of Transportation had construction and other contract commitments of $1.158 billion, of which $424.166 million is for Transportation Fund (major fund) and $733.845 million is for projects within the Transportation Investment Fund (major capital projects fund) highway projects. These commitments will be funded with future appropriations in the Transportation Fund and through proceeds of general obligation bonds and future appropriations in the Transportation Investment Fund.

- At June 30, 2019, the permanent Trust Lands Fund had contractual commitments of $880.053 million, of which an estimated $327.466 million remain unfunded and subject to call.

- At June 30, 2019, the capital projects funds had construction commitments of $646.941 million. These commitments will be funded with legislative appropriations, intergovernmental revenues, and proceeds of general obligation and lease revenue bonds.

- At June 30, 2019, the enterprise funds had loan commitments of approximately $474.086 million and grant commitments of approximately $52.375 million.

- At its yearend December 31, 2018, the Utah Retirement Systems (pension trust and defined contribution plans) had committed to fund certain private equity partnerships, absolute return, and real asset funds projects for an amount of $12.170 billion. Funding of $9.394 billion had been provided by December 31, 2018, leaving an unfunded commitment of $2.776 billion.

- At June 30, 2019, the University of Utah (major discrete component unit) had outstanding commitments for the construction and remodeling of its buildings of approximately $62.700 million.

- The University of Utah, under the terms of various limited partnership agreements approved by the Board of Trustees or by University officers, is obligated to make periodic payments for advance commitments to venture capital, natural resource, and private equity investments. As of June 30, 2019, the University had committed, but not paid, a total of $264.422 million in funding for these alternative investments.

- At June 30, 2019, Utah State University (major discrete component unit) had outstanding commitments for the construction and remodeling of its buildings of approximately $27.600 million.

- Utah State University, under the terms of various limited partnership agreements approved by the Board of Trustees or by University officers, is obligated to make periodic payments for advance commitments to venture capital, natural resource, and private equity investments. As of June 30, 2019, the University had committed, but not paid, a total of $28.639 million in funding for these alternative investments.

- At its yearend of December 31, 2018, the Utah Transit Authority (major discrete component unit) had outstanding purchasing commitments of approximately $91.900 million for several capital projects.

NOTE 17. JOINT VENTURES

Utah Education Network

The Utah Education Network (UEN) is a publicly funded consortium administered by the University of Utah supporting educational technology needs for Utah’s public and higher education institutions, public libraries, and state agencies. UEN provides internet access for all Utah public middle schools, high schools, and higher education institutions. UEN also operates a fully interactive distance learning network interconnecting public schools and higher education institutions statewide. State appropriation support of UEN amounted to $33.801 million for the year ended June 30, 2019. UEN is not separately audited, but is included in the audited financial statements of KUEN, a public broadcasting television station operated by the University of Utah. Copies of those statements can be obtained from KUEN’s administrative offices.

NOTE 18. PENSION PLANS

Utah Retirement Systems (URS) was established by Title 49 of the Utah Code. URS administers the pension systems and plans under the direction of the URS Board whose members are appointed by the Governor. URS has a separate accounting system and prepares a separately issued financial report covering all retirement systems and deferred compensation plans it administers. URS maintains records and prepares financial statements using fund accounting principles and the accrual basis of accounting, under which benefits and expenses are recognized when due and payable, and revenues are recorded in the accounting period in which they are earned and become measurable. URS reports on a calendar yearend. The December 31, 2018, financial report has been included in this Comprehensive Annual Financial Report as a pension trust fund for URS within the fiduciary funds. Copies of the separately issued financial report, which includes financial statements and required supplemental information, may be obtained by writing to Utah Retirement Systems, 560 East 200 South, Salt Lake City, Utah 84102-2044, or online at www.urs.org. Utah Transit Authority (major discrete component unit) does not participate in URS. See Note 18.B for a description of Utah Transit Authority pension plans.

URS operations are comprised of the following groups of systems/plans covering employees of the State and participating local government and public education entities:

- The Public Employees Noncontributory Retirement System (Noncontributory System), the Public Employees Contributory Retirement System (Contributory System); and the Firefighters Retirement System (Firefighters System), which are defined-benefit multiple-employer, cost-sharing, public employee retirement systems;
• The cost-of-living adjustments are limited to the actual Consumer Price Index (CPI) increase for the year, although unused CPI increases not met may be carried forward to subsequent years.

** For members and retirees in the systems, prior to January 1, 1989, there may be a 3.00 percent benefit enhancement.

*** All post-retirement cost-of-living adjustments are non-compounding and are based on the original benefit except for Judges, which is a compounding benefit.

Legislators with four or more years of service receive a benefit at age 65 at the rate of $30.40 per month per year of service. Retirement former governors at age 65 receive $1,400 per month per term.

The cost-of-living adjustments are also limited to the actual Consumer Price Index (CPI) increase for the year, although unused CPI increases not met may be carried forward to subsequent years.

Note: The Utah Governors and Legislators Retirement Plan benefits are explained below.

* With actuarial reductions.

** For members and retirees in the systems, prior to January 1, 1989, there may be a 3.00 percent benefit enhancement.

*** All post-retirement cost-of-living adjustments are non-compounding and are based on the original benefit except for Judges, which is a compounding benefit.

The cost-of-living adjustments are also limited to the actual Consumer Price Index (CPI) increase for the year, although unused CPI increases not met may be carried forward to subsequent years.

Former governors at age 65 receive $1,400 per month per term. Legislators with four or more years of service receive a benefit at age 65 at the rate of $30.40 per month per year of service. Retirement at age 62 with ten or more years of service will receive an actuarial reduction. Both the governors’ and legislators’ benefits are adjusted based on the Consumer Price Index (CPI), limited to 4 percent of the base benefit per year.

Death benefits for active and retired employees are in accordance with retirement statutes. Upon termination of employment, members of the Systems may leave their retirement account intact for future benefits based on vesting qualification, or withdraw the accumulated funds in their individual member account and forfeit service credits and rights to future benefits upon which the contributions were based.

At December 31, 2018, the following number of employees were covered by the State’s (primary government) single-employer plans:

<table>
<thead>
<tr>
<th>Single-employer Plans Covered Employees</th>
<th>December 31, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Judges System</td>
<td>148</td>
</tr>
<tr>
<td>Governors and Legislators Retirement Plan</td>
<td>253</td>
</tr>
</tbody>
</table>

### Contribution Rates

As a condition of participation in the Defined Benefit Systems, employers and/or employees are required to contribute certain percentages of salary and wages as authorized by statute and specified by the URS Board. Contributions are actuarially determined as an amount that, when combined with employee contributions (where applicable) is expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded actuarial accrued liability. For the Utah Governors and Legislators plan, an annual appropriation is statutorily required to maintain this plan on a financially and actuarially sound basis. The State paid 100 percent of the contractually and statutorily required contributions. Contribution rates and contributions for the fiscal year ended June 30, 2019, are presented in the following table (dollars expressed in thousands):
### Contributions

<table>
<thead>
<tr>
<th>Systems/Plan</th>
<th>Employee Paid</th>
<th>Paid by Employer for Employee</th>
<th>Employer Paid</th>
<th>Primary Government</th>
<th>Discrete Component Units (except UTA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noncontributory Public Employees</td>
<td>$</td>
<td>—</td>
<td>—% 22.19%</td>
<td>$ 126,809</td>
<td>$ 54,083</td>
</tr>
<tr>
<td>Contributory:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributory Public Employees</td>
<td>$</td>
<td>—</td>
<td>6.00% 17.70%</td>
<td>$ 863</td>
<td>$ 967</td>
</tr>
<tr>
<td>Tier 2 Public Employees *</td>
<td>$</td>
<td>—</td>
<td>—% 18.87%</td>
<td>$ 44,102</td>
<td>$ 11,282</td>
</tr>
<tr>
<td>Public Safety:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributory Public Safety</td>
<td>$</td>
<td>—</td>
<td>—%</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>Noncontributory Public Safety</td>
<td>$</td>
<td>—</td>
<td>—% 41.35%</td>
<td>$ 42,189</td>
<td>$ 1,071</td>
</tr>
<tr>
<td>Tier 2 Public Safety *</td>
<td>$</td>
<td>—</td>
<td>—% 29.80%</td>
<td>$ 10,217</td>
<td>$ 284</td>
</tr>
<tr>
<td>Firefighters:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributory Firefighters</td>
<td>$</td>
<td>—</td>
<td>15.05% 4.61%</td>
<td>$ 58</td>
<td>$ —</td>
</tr>
<tr>
<td>Tier 2 Firefighters *</td>
<td>$</td>
<td>—</td>
<td>—% 11.34%</td>
<td>$ 49</td>
<td>$ —</td>
</tr>
<tr>
<td>Judges</td>
<td>$</td>
<td>—</td>
<td>—% 43.68%</td>
<td>$ 8,501</td>
<td>$ —</td>
</tr>
<tr>
<td>Utah Governors and Legislators</td>
<td></td>
<td>Annual Appropriation</td>
<td></td>
<td>$ 384</td>
<td></td>
</tr>
</tbody>
</table>

* Tier 2 plans provide a statutory required contribution (0.08 to 18.54 percent amortization rate) to finance the unfunded actuarial accrued liability of the non-Tier 2 plans.

In addition to the contributions noted above, the primary government and discrete component units (except UTA) also paid to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements of $482 thousand and $331 thousand, respectively.

Below are the changes in net pension liability for the State’s (primary government) single-employer system and plan:

#### Single-employer Plans

**Changes in Net Pension Liability and Related Ratios**

*Increase (Decrease)*

For the Fiscal Year Ended December 31, 2018

(dollars expressed in thousands)

<table>
<thead>
<tr>
<th></th>
<th>Judges System</th>
<th>Utah Governors and Legislators Retirement Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Pension Liability</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Cost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difference between Actual and Expected Experience</td>
<td>7,873</td>
<td>139</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benefit Payments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Change in Total Pension Liability</td>
<td>13,057</td>
<td>47</td>
</tr>
<tr>
<td>Total Pension Liability – Beginning</td>
<td>230,993</td>
<td>13,069</td>
</tr>
<tr>
<td><strong>Total Pension Liability – Ending</strong></td>
<td><strong>A</strong> 244,050</td>
<td><strong>B</strong> 195,570</td>
</tr>
</tbody>
</table>

**Plan Fiduciary Net Position**

| Contributions – Employee          |               |                                               |
| Contributions – Employer          |               |                                               |
| Court Fees *                      | 1,518         | —                                             |
| Net Investment Income             | (730)         | (41)                                          |
| Benefit Payments                  | (16,111)      | (978)                                         |
| Administrative Expense            | (84)          | (5)                                           |
| Net Transfers with Affiliated Systems | 4,403        | (51)                                          |
| Net Change in Plan Fiduciary Net Position | (2,913) | (683)                                         |
| Plan Fiduciary Net Position – Beginning | 198,483      | 11,220                                        |
| **Plan Fiduciary Net Position – Ending** | **B** 195,570 | **10,537**                                   |

**Net Pension Liability / (Asset) – Ending (A – B)**

$ 48,480

Plan Fiduciary Net Position as a Percentage of the Total Pension Liability .. 80.14% 80.34%

Covered Payroll………………………………………………………… $ 18,802 $ 639

Net Pension Liability as a Percentage of Covered Payroll…………………… $ 257.84% 403.60%

* These court fees were recognized as revenue for support provided by non-employer contributing entities.
Proportionate Share of Net Pension Asset and Liability

Utah Retirement Systems (URS) (pension trust and defined contribution plans) provides retirement benefits to employees of the primary government and its discrete component units (except UTA) as well as to public education and other political subdivisions of the State. At December 31, 2018, the net pension asset and the net pension liability for all URS systems is $0 and $5.449 billion respectively. The plan’s fiduciary net position as a percent of the total pension liability is 85 percent. At December 31, 2018, the primary government’s net pension asset and net pension liability is $0 and $1.170 billion, respectively. The following table summarizes the State’s (primary government) net pension asset and liability by plan.

<table>
<thead>
<tr>
<th>System</th>
<th>Net Pension Asset</th>
<th>Net Pension Liability</th>
<th>Proportionate Share</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
<td>2017</td>
<td>Change</td>
</tr>
<tr>
<td>Noncontributory System</td>
<td>$ —</td>
<td>$ 856,314</td>
<td>23.02%</td>
</tr>
<tr>
<td>Contributory System</td>
<td>—</td>
<td>20,484</td>
<td>28.85%</td>
</tr>
<tr>
<td>Public Safety System</td>
<td>—</td>
<td>233,535</td>
<td>97.56%</td>
</tr>
<tr>
<td>Firefighters System</td>
<td>—</td>
<td>494</td>
<td>3.80%</td>
</tr>
<tr>
<td>Judges System</td>
<td>—</td>
<td>48,480</td>
<td>100.00%</td>
</tr>
<tr>
<td>Utah Governors and Legislators Retirement Plan</td>
<td>—</td>
<td>2,579</td>
<td>100.00%</td>
</tr>
<tr>
<td>Tier 2 Public Employees System</td>
<td>—</td>
<td>7,772</td>
<td>18.15%</td>
</tr>
<tr>
<td>Tier 2 Public Safety and Firefighters System</td>
<td>—</td>
<td>603</td>
<td>24.07%</td>
</tr>
<tr>
<td>Total Net Pension Asset / Liability</td>
<td>$ —</td>
<td>$ 1,170,261</td>
<td></td>
</tr>
</tbody>
</table>

At December 31, 2018, the net pension asset and the net pension liability for the discrete component units (except UTA) is $0 and $365,037 million, respectively. The following table summarizes the discrete component unit’s net pension asset and liability by system.

<table>
<thead>
<tr>
<th>System</th>
<th>Net Pension Asset</th>
<th>Net Pension Liability</th>
<th>Proportionate Share</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
<td>2017</td>
<td>Change</td>
</tr>
<tr>
<td>Noncontributory System</td>
<td>$ —</td>
<td>$ 336,338</td>
<td>9.23%</td>
</tr>
<tr>
<td>Contributory System</td>
<td>—</td>
<td>20,956</td>
<td>30.23%</td>
</tr>
<tr>
<td>Public Safety System</td>
<td>—</td>
<td>5,745</td>
<td>2.46%</td>
</tr>
<tr>
<td>Tier 2 Public Employees System</td>
<td>—</td>
<td>1,987</td>
<td>5.28%</td>
</tr>
<tr>
<td>Tier 2 Public Safety and Firefighters System</td>
<td>—</td>
<td>11</td>
<td>0.49%</td>
</tr>
<tr>
<td>Total Net Pension Asset / Liability</td>
<td>$ —</td>
<td>$ 365,037</td>
<td></td>
</tr>
</tbody>
</table>

Deferred Outflows and Inflows of Resources

The net pension asset and liability was measured as of December 31, 2018, and the total pension liability used to calculate the net pension asset and liability was determined by an actuarial valuation as of January 1, 2018, and rolled-forward using generally accepted actuarial procedures. The proportion of the net pension asset and liability is equal to the ratio of the employer’s actual contributions to the Systems during the plan year over the total of all employer contributions to the System during the plan year.

At December 31, 2018, the State (primary government) recognized pension expense of $284.214 million. The State’s discrete component units (except UTA) recognized pension expense of $83.542 million. Deferred outflows of resources and deferred inflows of resources related to the recognition of pension expense are from the following sources:

(Notes continue on next page.)
### Deferred Outflows and Inflows of Resources *
**Related to Pensions**

**December 31, 2018**

*(expressed in thousands)*

<table>
<thead>
<tr>
<th>System</th>
<th>Source</th>
<th>Deferred Outflows of Resources</th>
<th>Deferred Inflows of Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noncontributory System</td>
<td>Differences between Expected and Actual Experience</td>
<td>4,562</td>
<td>12,015</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>87,098</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>142,467</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>4,349</td>
<td>24,757</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>62,618</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>301,094</strong></td>
<td><strong>36,772</strong></td>
</tr>
<tr>
<td>Contributory System</td>
<td>Differences between Expected and Actual Experience</td>
<td>1,363</td>
<td>5,301</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>16,499</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>36,180</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>617</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>20,703</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>75,362</strong></td>
<td><strong>5,301</strong></td>
</tr>
<tr>
<td>Public Safety System</td>
<td>Differences between Expected and Actual Experience</td>
<td>105</td>
<td>89</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>263</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>257</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>17</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>29</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>671</strong></td>
<td><strong>169</strong></td>
</tr>
<tr>
<td>Judges Retirement System</td>
<td>Differences between Expected and Actual Experience</td>
<td>6,756</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>7,135</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>6,104</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>4,280</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>4,280</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>24,275</strong></td>
<td>—</td>
</tr>
<tr>
<td>Governor &amp; Legislators Plan</td>
<td>Differences between Expected and Actual Experience</td>
<td>321</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>321</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>321</strong></td>
<td>—</td>
</tr>
<tr>
<td>Tier 2 Public Employees System</td>
<td>Differences between Expected and Actual Experience</td>
<td>55</td>
<td>1,606</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>1,948</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>2,531</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>2,301</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>27,040</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>33,875</strong></td>
<td><strong>1,746</strong></td>
</tr>
<tr>
<td>Tier 2 Public Safety and Firefighters System</td>
<td>Differences between Expected and Actual Experience</td>
<td>277</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>574</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>425</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>370</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>5,708</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>7,354</strong></td>
<td><strong>23</strong></td>
</tr>
<tr>
<td>Grand Total ......</td>
<td>Differences between Expected and Actual Experience</td>
<td>13,118</td>
<td>19,012</td>
</tr>
<tr>
<td></td>
<td>Changes in Assumptions</td>
<td>113,517</td>
<td>219</td>
</tr>
<tr>
<td></td>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>195,038</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>7,654</td>
<td>24,780</td>
</tr>
<tr>
<td></td>
<td>Contributions Subsequent to the Measurement Date</td>
<td>120,757</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>450,084</strong></td>
<td><strong>44,011</strong></td>
</tr>
</tbody>
</table>

* Before amounts allocated for financial statement presentation.*
Deferred Outflows and Inflows of Resources *
Related to Pensions
December 31, 2018
(expressed in thousands)

<table>
<thead>
<tr>
<th>Source</th>
<th>Deferred Outflows of Resources</th>
<th>Deferred Inflows of Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Differences between Expected and Actual Experience</td>
<td>$1,592</td>
<td>$7,100</td>
</tr>
<tr>
<td>Changes in Assumptions</td>
<td>39,445</td>
<td>320</td>
</tr>
<tr>
<td>Net Differences between Projected and Actual Earnings on Pension Plan Investments</td>
<td>65,795</td>
<td>13,434</td>
</tr>
<tr>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>4,085</td>
<td>18,183</td>
</tr>
<tr>
<td>Contributions Subsequent to the Measurement Date</td>
<td>36,390</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>$147,307</td>
<td>$39,037</td>
</tr>
</tbody>
</table>

* Before amounts allocated for financial statement presentation.

The $120.757 million and $36.390 million reported as deferred outflows of resources by the primary government and discrete component units (except UTA), respectively, are the result of contributions subsequent to the measurement date of December 31, 2018. These contributions will be recognized as a reduction of the net pension liability in the subsequent fiscal year. Other amounts reported above as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows (in thousands):

<table>
<thead>
<tr>
<th>Year Ended December 31</th>
<th>Noncontributory System</th>
<th>Contributory System</th>
<th>Public Safety System</th>
<th>Firefighters System</th>
<th>Judges Retirement System</th>
<th>Discrete Component Units (except UTA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
</tr>
<tr>
<td>2019</td>
<td>$91,179</td>
<td>$2,676</td>
<td>$25,440</td>
<td>$127</td>
<td>$8,657</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>$27,333</td>
<td>$73</td>
<td>$2,494</td>
<td>$52</td>
<td>$5,696</td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>$15,719</td>
<td>$656</td>
<td>$4,318</td>
<td>$69</td>
<td>$2,678</td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td>$67,472</td>
<td>$3,347</td>
<td>$17,106</td>
<td>$187</td>
<td>$2,964</td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>$33</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Thereafter</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>5</td>
<td>—</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year Ended December 31</th>
<th>Governors &amp; Legislators Plan</th>
<th>Tier 2 Public Employees System</th>
<th>Tier 2 Public Safety and Firefighters System</th>
<th>Grand Total</th>
<th>Discrete Component Units (except UTA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
<td>Primary Government</td>
</tr>
<tr>
<td>2019</td>
<td>$121</td>
<td>$875</td>
<td>$180</td>
<td>$129,255</td>
<td>$32,970</td>
</tr>
<tr>
<td>2020</td>
<td>$6</td>
<td>$636</td>
<td>$146</td>
<td>$36,436</td>
<td>$9,772</td>
</tr>
<tr>
<td>2021</td>
<td>$35</td>
<td>$696</td>
<td>$156</td>
<td>$24,327</td>
<td>$3,636</td>
</tr>
<tr>
<td>2022</td>
<td>$160</td>
<td>$1,233</td>
<td>$242</td>
<td>$92,711</td>
<td>$25,072</td>
</tr>
<tr>
<td>2023</td>
<td>—</td>
<td>$227</td>
<td>$75</td>
<td>$335</td>
<td>43</td>
</tr>
<tr>
<td>Thereafter</td>
<td>—</td>
<td>$1,422</td>
<td>$825</td>
<td>$2,252</td>
<td>387</td>
</tr>
</tbody>
</table>

The total pension liability in the December 31, 2018, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

<table>
<thead>
<tr>
<th>Summary of Actuarial Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valuation Date</td>
</tr>
<tr>
<td>Measurement Date</td>
</tr>
<tr>
<td>Actuarial Cost Method</td>
</tr>
<tr>
<td>Actuarial Assumptions:</td>
</tr>
<tr>
<td>Investment Rate of Return</td>
</tr>
<tr>
<td>Projected Salary Increases</td>
</tr>
<tr>
<td>Inflation Rate</td>
</tr>
<tr>
<td>Post-retirement Cost-of-living</td>
</tr>
</tbody>
</table>

Note: All post-retirement cost-of-living adjustments are non-compounding and are based on the original benefit except for Judges, which is a compounding benefit. The cost-of-living adjustments are also limited to the actual CPI increase for the year, although unused CPI increases not met may be carried forward to subsequent years.
The actuarial assumptions used in the January 1, 2018, valuation were based on the results of an actuarial experience study for the five year period ending December 31, 2016. Mortality rates were developed from actual experience and mortality tables, based on gender, occupation, and age, as appropriate, with adjustments for future improvement in mortality based on Scale AA, a model developed by the Society of Actuaries.

Target Allocations The long-term expected rate of return on pension plan investments was determined using a building-block method in which best estimates ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the Systems target asset allocation as of December 31, 2018, are summarized in the table below:

<table>
<thead>
<tr>
<th>Target Allocations Expected Return Arithmetic Basis</th>
<th>Long-term Expected Portfolio Real Rate*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asset Class</td>
<td>Target Asset Allocation</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Equity Securities</td>
<td>40.00%</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>20.00%</td>
</tr>
<tr>
<td>Real Assets</td>
<td>15.00%</td>
</tr>
<tr>
<td>Private Equity</td>
<td>9.00%</td>
</tr>
<tr>
<td>Absolute Return</td>
<td>16.00%</td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>0.00%</td>
</tr>
<tr>
<td>Total Asset Classes</td>
<td>100.00%</td>
</tr>
<tr>
<td>Inflation</td>
<td></td>
</tr>
<tr>
<td>Expected Arithmetic Nominal Return</td>
<td></td>
</tr>
</tbody>
</table>

* The total URS Defined Benefit long-term expected rate of return is 6.95 percent. It is comprised of a 2.50 percent inflation rate, a real long-term expected rate of return of 4.45 percent that is net of investment expense.

Discount Rate

The discount rate used to measure the total pension liability was 6.95 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that contributions from all participating employers will be made at contractually required rates that are actuarially determined and certified by the URS Board. Based on those assumptions, the pension plan’s fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability. The discount rate does not use the municipal bond rate. The discount rate was reduced to 6.95 percent from 7.20 percent from the prior measurement period.

Sensitivity of the proportionate share of the net pension asset and liability to changes in the discount rate: The following presents the proportionate share of the State’s (primary government) net pension liability calculated using the discount rate of 6.95 percent, as well as what the proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (5.95 percent) or 1 percentage-point higher (7.95 percent) than the current rate:

| Primary Government Changes in Discount Rate Net Pension Liability / (Asset) (expressed in thousands) |
|-----------------------------------------------|-----------------------------------------------|
| System | 1% Decrease (5.95%) | Current Discount Rate (6.95%) | 1% Increase (7.95%) |
| Noncontributory System | $ 1,539,192 | $ 856,314 | $ 285,002 |
| Contributory System | 42,926 | 20,484 | 1,333 |
| Public Safety System | 420,996 | 233,535 | 79,444 |
| Firefighters System | 1,844 | 494 | (599) |
| Judges System | 75,935 | 48,639 | 25,403 |
| Utah Governors and Legislators Retirement Plan | 3,912 | 2,640 | 1,559 |
| Tier 2 Public Employees System | 31,136 | 7,772 | (10,259) |
| Tier 2 Public Safety and Firefighters System | 4,549 | 603 | (2,416) |
| Total Net Pension Liability / (Asset) | $ 2,120,490 | $ 1,170,481 | $ 379,467 |
### B. Defined Benefit Plans - Utah Transit Authority

Utah Transit Authority (UTA) (major discrete component unit) offers its employees a single employer non-contributory defined benefit pension plan, The Utah Transit Authority Retirement Plan and Trust (Plan), which includes all employees of UTA who are eligible and who have completed six months of service. The Plan is a qualified government plan and is not subject to all of the provisions of ERISA. As a defined benefit pension plan, UTA contributes such amounts as are necessary, on an actuarially sound basis, to provide assets sufficient to meet the benefits to be paid. Required employee contributions were discontinued effective June 1, 1992. Participants may make voluntary contributions as described below. Interest on existing account balances is credited at 5.00 percent per year.

Although UTA has not expressed any intention to do so, UTA has the right under the Plan to discontinue its contributions at any time and to terminate the Plan. In the event the Plan terminates, the trustee will liquidate all assets of the Plan and will determine the value of the trust fund as of the next business day following the date of such termination. The trustee will allocate assets of the Plan among the participants and beneficiaries as required by law.

The Plan is administered by the Pension Committee that consists of nine (9) members, seven (7) appointed by UTA and two (2) appointed by the Amalgamated Transit Union Local 382 in accordance with a collective bargaining agreement. The members of the Pension Committee may (but need not) be participants in the Plan. In the absence of a Pension Committee, the Plan Administrator assumes the powers, duties and responsibilities of the Pension Committee with respect to the administration of the Plan. U.S. Bank serves as the administrator and custodian of the Plan, with Cambridge Associates, LLC (CA) serving as a third-party investment manager.

The Plan prepares its financial statements on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America, under which benefits and expenses are recognized when due and payable and revenues are recorded in the accounting period in which they are earned and become measurable in accordance with the terms of the Plan. Accordingly, the valuation of investments is shown at fair value and both realized and unrealized gains (losses) are included in net appreciation and depreciation in fair value of investments. The Plan does not issue a publicly available financial report, but is reported in UTA’s financial statements as a component unit.

#### Retirement Benefits

Employees with five or more years of service are entitled to annual pension benefits beginning at normal retirement age 65, or any age with 37.5 years of service in the Plan. For participants who began participating in the Administrative Plan prior to January 1, 1994, the annual benefit is based on a retirement benefit formula equal to:

- 2.30 percent of average compensation multiplied by the participant’s years of service (not exceeding 20 years), plus
- 1.50 percent of the average compensation multiplied by the participant’s years of service in excess of 20 years (but such excess not to exceed 9 years of service), plus
- 0.50 percent for one year plus 2.00 percent for years in excess of 30 years not to exceed 75 percent of average compensation.

For all other active participants, the annual benefit is based on a retirement benefit formula equal to 2.00 percent of average compensation multiplied by the participant’s years of service (not to exceed 37.5 years or 75 percent of average compensation).

Upon termination of employment, members may leave their retirement account intact for future benefits based on vesting qualification or withdraw the accumulated funds in their individual member account and forfeit service credits and rights to future benefits upon which the contributions were based. If employees terminate employment before rendering five years of service, they forfeit the right to receive their non-vested accrued plan benefits.

#### Early Retirement Benefits

The Plan allows for early retirement benefits if the participant has not reached the age of 65 but is at least age 55 with a vested benefit. Benefits under early retirement are equal to the value of the accrued pension, if the participant had retired at the age of 65, reduced 5.00 percent per year if the payments begin before age 65.

#### Disability Benefits

The Plan allows for disability benefits. A member who becomes permanently disabled after 5 years of service will immediately receive the greater of the actuarially-reduced monthly accrued benefit or $90 per month, reduced by any UTA sponsored disability plans. Payment of the disability benefit ends at age 65.

#### Death Benefits

If a participant’s death occurs before age 55, but after 5 years of service, the present value of the participant’s accrued vested benefit is payable to the participant’s beneficiary in the form of a single lump sum regardless of the amount. If a participant’s death occurs after age 55 and 5 years of service, the participant’s beneficiary can elect to receive a benefit equal to the greater of:

1. A survivor’s pension as if the participant had retired on the date before the death with a 100 percent joint and survivor annuity in effect, or
2. The present value of the survivor’s pension, or
3. If a spouse of 2 or more years or a minor child, the participant’s contribution with interest, plus 50 percent of the average compensation, payable in the form of a lump sum, or

A participant may elect a joint and survivor annuity with 100, 75 or 50 percent to be continued to the beneficiary upon the death of the participant.

#### Lump Sum Distributions

Payment in a lump sum, regardless of amount, may be made with the participant’s written consent. Effective September 1, 2012, a participant who has not previously received benefits may elect a partial lump sum payment with the remaining part to be paid in the same manner as the traditional annuity. During calendar year 2018, 37 participants in each respective year elected to receive their benefit in the form of lump sum distribution. Lump sum distributions collectively totaled $4,650 million for 2018. Individuals are removed from the Plan’s membership if they choose to take all of their benefit as a lump sum distribution.

As of December 31, 2018, the Plan’s membership consisted of:

<table>
<thead>
<tr>
<th>Utah Transit Authority Retirement Plan and Trust Membership December 31, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active participants ..................................................</td>
</tr>
<tr>
<td>Inactive participants not receiving benefits ..................</td>
</tr>
<tr>
<td>Participants due refunds .........................................</td>
</tr>
<tr>
<td>Retirees and beneficiaries receiving benefits ..................</td>
</tr>
<tr>
<td>Total .........................................................................</td>
</tr>
</tbody>
</table>

| 126 |
Contributions

Employer Contribution Requirements
UTA’s contribution rates are determined by the Pension Committee and approved by the Board of Trustees based on the current collective bargaining agreement and the minimum and maximum funding levels recommended by the Plan’s actuary. The Authority’s contribution rate consists of (1) an amount for normal cost, the estimated amount necessary to finance benefits earned by participants during the current year, and (2) an amount for amortization of the unfunded or excess funded actuarial accrued liability over the service life of the vested participants. The rates are determined using the entry age actuarial cost method. The Authority’s Board of Trustees adopted a contribution rate policy of 16.00 percent for calendar year 2018 and subsequent years. Employer contributions in calendar year 2018 totaled $22.355 million, which represented 105.43 percent of the annual actuarial recommended contributions.

Participant Voluntary Contributions
A participant who is vested in the Plan may make voluntary contributions into the Plan, and transfer funds from the Employee 457 Deferred Compensation Plan, for the purpose of purchasing “permissive service credit” (as defined in Internal Revenue Code Section 415(N)(3)(A)), in the Plan. No more than 5 years of “permissive service credit” may be purchased. Any purchase of “permissive service credit” must be made in the final year of employment with UTA.

Below are the changes in net pension liability for the Plan:

Utah Transit Authority Retirement Plan and Trust
Changes in Net Position Liability and Related Ratios
For the Fiscal Year Ended December 31, 2018
(expressed in thousands)

| Description                                      | Amount
|--------------------------------------------------|--------
| Total Pension Liability                          | $326,087
| Service Cost                                     | $9,551
| Interest                                         | $21,513
| Difference between Actual and Expected Experience| $4,893
| Member voluntary contributions                   | $224
| Benefit Payments                                 | $15,475
| Net Change in Total Pension Liability            | $20,706
| Total Pension Liability – Beginning              | $305,381
| Total Pension Liability – Ending                 | A $326,087

Plan Fiduciary Net Position

| Description                                      | Amount
|--------------------------------------------------|--------
| Member voluntary contributions                   | $224
| Contributions – Employer                         | $22,355
| Net Investment Income                            | $16,630
| Benefit Payments                                 | $15,475
| Administrative Expense                           | $440
| Net Change in Plan Fiduciary Net Position        | $9,966
| Plan Fiduciary Net Position – Beginning          | $204,505
| Plan Fiduciary Net Position – Ending             | B $194,539

| Description                                      | Amount
|--------------------------------------------------|--------
| Net Pension Liability / (Asset) – Ending (A – B) | $131,548
| Plan Fiduciary Net Position as a Percentage of the Total Pension Liability | 59.66%
| Covered Payroll                                 | $132,521
| Net Pension Liability as a Percentage of Covered Payroll | 99.27%

Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions
At December 31, 2018, UTA reported a net pension liability of $131.548 million. The net pension liability was measured as of December 31, 2018, and was determined by an actuarial valuation as of January 1, 2018 and rolled-forward using generally accepted actuarial procedures. For the year ended December 31, 2018, UTA recognized pension expense of $25.104 million.

Utah Transit Authority Retirement Plan and Trust
Deferred Outflows and Inflows of Resources Related to Pensions
December 31, 2018
(expressed in thousands)

<table>
<thead>
<tr>
<th>Source</th>
<th>Deferred Outflows of Resources</th>
<th>Deferred Inflows of Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Differences between Expected and Actual Experience</td>
<td>(1,226)</td>
<td>7,633</td>
</tr>
<tr>
<td>Changes in Assumptions</td>
<td>-(2,158)</td>
<td>6,406</td>
</tr>
<tr>
<td>Net Differences between Projected and Actual on Pension Plan Earnings</td>
<td>—</td>
<td>17,892</td>
</tr>
<tr>
<td>Changes in Proportion and Differences Between Contributions and Proportionate Share of Contributions</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Contributions Subsequent to the Measurement Date</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>(3,384)</td>
<td>31,931</td>
</tr>
</tbody>
</table>

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Utah Transit Authority Retirement Plan and Trust
Recognition of Remaining Deferred Outflows and (Inflows) of Resources
For the Fiscal Year End December 31
(expressed in thousands)

<table>
<thead>
<tr>
<th>Year</th>
<th>Deferred Outflows of Resources</th>
<th>Deferred Inflows of Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>$8,144</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>5,681</td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>$4,313</td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td>$7,991</td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td>$1,906</td>
<td></td>
</tr>
<tr>
<td>Thereafter</td>
<td>$511</td>
<td></td>
</tr>
</tbody>
</table>

Actuarial assumptions
Actuarial valuation of the Plan involves estimates of the reported amounts and assumptions about the probability of occurrence of events into the future. Examples include assumptions about future mortality and future salary increases. Amounts determined regarding the net pension liability are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The last experience study was performed for the five consecutive calendar years ending December 31, 2008. The total pension liability as of December 31, 2018, is based on the results of an actuarial valuation date of January 1, 2018, and rolled-forward using generally accepted actuarial procedures. The significant actuarial assumptions and methods used in the January 1, 2018 valuation are as follows:

(Table on next page)
Utah Transit Authority Retirement Plan and Trust

Summary of Actuarial Assumptions

- Actuarial Cost Method: Entry Age Normal
- Inflation: 2.30%
- Salary Increases: 5.40% per annum for the first five (5) years of employment; 3.40% per annum thereafter
- Investment rate of return: 7.00%
- Cost of Living Adjustments: None
- Mortality: RP-2014 Blue Collar Mortality Table, with MP-2014 Project Scale (Pre-retirement Employee Table; Post-retirement Annuitant Table)
- Bond Buyer General Obligation: 3.44%
- Percent of Future Retirement Electing Lump Sum: 20.00%

The actuarial assumptions used in the January 1, 2018 valuation were based on the results of an actuarial experience study for the five year period ending December 31, 2008.

Investment Policy and Target Allocation

The Pension Committee has adopted an Investment Policy Statement (IPS). The IPS is reviewed by the Pension Committee once a year, and was amended effective February 2016 to revise the asset classes. A normal weighting is now indicated for each asset class. The IPS was also amended to provide a list of prohibited investments.

All Plan investments are stated at fair value. Most types of marketable or actively traded investments are priced by nationally known vendors. In the event that an investment is not priced by the primary vendor, the Custodian (US Bank) engages a secondary vendor or other source. Purchases and sales are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

In setting the long-term asset policy for the Plan, the Committee has opted to provide a minimum and maximum allowable allocation to the major asset classes. Best estimates of the compound nominal rates of return for each major asset class included in the Plan’s target asset allocation is summarized in the table below:

<table>
<thead>
<tr>
<th>Utah Transit Authority Retirement Plan and Trust</th>
<th>Policy Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Asset Allocation</td>
<td>Range</td>
</tr>
<tr>
<td>Global Equity</td>
<td>63.00%</td>
</tr>
<tr>
<td>Liquid Diversifiers</td>
<td>10.00%</td>
</tr>
<tr>
<td>Real Assets</td>
<td>4.00%</td>
</tr>
<tr>
<td>Fixed Income</td>
<td>22.00%</td>
</tr>
<tr>
<td>Cash &amp; Equivalents</td>
<td>1.00%</td>
</tr>
<tr>
<td>Total</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

The long-term rate of return is selected by the Plan’s Pension Committee after a review of the expected inflation and long term real returns, reflecting expected volatility and correlation. The 7.00 percent assumed investment rate of return is comprised of an inflation rate of 2.30 percent and a real return of 4.70 percent net of investment expense.

The money-weighted rate of return considers the changing amounts actually invested during a period and weights the amount of pension plan investments by the proportion of time they are available to return during that period. External cash flows are determined on a monthly basis and are assumed to occur at the middle of each month.

External cash inflows are netted with external cash outflows, resulting in a net external cash flow each month. The money-weighted rate of return is calculated net of investment expenses. For the calendar year ending, December 31, 2018, the annual money-weighted rate of return, net of investments was (7.77) percent.

Discount Rate

The discount rate used to measure the total pension liability was 7.00 percent. The discount rate incorporates a municipal bond rate of 3.44 percent based on the Bond Buyer General Obligation 20-Bond Municipal Bond Index. The projection of cash flows used to determine the discount rate assumed that contributions will be made based on the actuarially determined rates recommended by UTA’s Pension Committee and approved by the Board of Trustees. Based on those assumptions, the Plan’s fiduciary net position was projected to be available to make all the projected future benefit payments of current active and inactive Plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability. The following sensitivity analysis assumes rate volatility of plus and minus one percent of the discount rate of 7.00 percent.

<table>
<thead>
<tr>
<th>Utah Transit Authority Retirement Plans Changes in Discount Rate Net Pension Liability (Asset)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(expressed in thousands)</td>
</tr>
<tr>
<td>1% Decrease (6.0%)</td>
</tr>
<tr>
<td>Net Pension Liability</td>
</tr>
</tbody>
</table>

C. Defined Contribution Plans

The 401(k), 457, and Roth and Traditional IRA Plans, in which the State participates and administered by URS, are defined contribution plans. These plans are available as supplemental plans to the basic retirement benefits of the Retirement Systems and a primary retirement plan for some Tier 2 participants. Contributions may be made into the plans subject to plan and Internal Revenue Code limitations. Employer contributions may be made into the 401(k) and 457 Plans at rates determined by the employers and according to Title 49 of the Utah Code. There are 466 employers participating in the 401(k) Plan and 293 employers participating in the 457 Plan. There are 178,010 plan participants in the 401(k) Plan, 18,336 participants in the 457 Plan, 12,232 participants in the Roth IRA Plan, and 2,383 participants in the Traditional IRA Plan.

After termination of employment, benefits are paid out to individuals in lump sum, or as periodic benefit payments, at the option of the participant based on individual account balances and plan provisions. The Defined Contribution Plans account balances are fully vested to the participants at the time of deposit except for Tier 2 required employer contributions and associated earnings during the first four years of employment. Investments in the vested portion of the Defined Contribution Plans are individually directed and controlled by plan participants. Investments of the plans are reported at fair value.

Employees of the State are eligible to participate in the defined contribution 401(k), 457, and Roth and Traditional IRA Plans. Employees, who contribute to a 401(k), 457, or IRA will get a match from the State of up to $26 per pay period. In addition, the State and participating employers are required to contribute 1.50 percent of an employee’s salary into a 401(k) for those employees who participate in the noncontributory system. The amounts contributed to the 401(k) Plan during the year ended June 30, 2019, by employees and employers are as follows: for primary government,
$38.459 million and $33.781 million; for component units, $5.446 million and $8.444 million, respectively. The amounts contributed by employees to the 457, and Roth and Traditional IRA Plans (primary government and discrete component units) were $7.484 million, $5.843 million, and $297 thousand, respectively.

For the Tier 2 Public Employee System, Tier 2 Public Safety System, and the Tier 2 Firefighters System, the State and participating employers are required to contribute varying amounts into a 401(k). The amounts range from 0.74 to 1.15 percent of an employee’s salary for the hybrid defined benefit systems and 10 to 12 percent of an employee’s salary for the defined contribution systems. These contributions vest immediately, except for the Tier 2 401(k) required contributions that are subject to a 4 year vesting period. The primary government and discrete component units paid in 401(k) defined contributions required by statute $8.810 million and $1.754 million, respectively. In addition to these contributions, the Tier 2 plans provide a statutory required contribution (0.08 to 18.54 amortization rate) to finance the unfunded actuarial accrued liability of the non-Tier 2 (defined benefit) plans.

Teachers Insurance and Annuity Association

Teachers Insurance and Annuity Association (TIAA) and Fidelity Investments, privately administered defined-contribution retirement plans, provide individual retirement fund contracts for each eligible participating employee. Eligible employees are mainly state college/university faculty and staff. Benefits to retired employees are generally based on the value of the individual contracts and the estimated life expectancy of the employee at retirement and are fully vested from the date of employment. The total current year required contribution and the amount paid is 14.20 percent of the employee’s annual salary. The State has no further liability once annual contributions are made.

The total contribution made by the colleges and universities (discrete component units) to the TIAA retirement system for June 30, 2019 and 2018, were $266.359 million and $246.549 million, respectively.

Utah Transit Authority

The Utah Transit Authority (UTA) (major discrete component unit) offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan is available to all employees on a voluntary basis and permits them to defer a portion of their salaries until future years. The deferred compensation is not available to employees until termination, retirement, death or unforeseeable emergency.

All assets and income of the plan are held in trust for the exclusive benefit of the participants and their beneficiaries. As part of its fiduciary role, UTA has an obligation of due care in selecting the third party administrators. In the opinion of management, UTA has acted in a prudent manner and is not liable for losses that may arise from the administration of the plan. The deferred compensation assets are held by third party plan administrators and are generally invested in money market funds, stock or bond mutual funds or guarantee funds as selected by the employee.

NOTE 19. OTHER POSTEMPLOYMENT BENEFITS

The State administers the State Employee Other Postemployment Benefit Plan (State Employee OPEB Plan) through the State Post-Retirement Benefits Trust Fund, as set forth in Section 67-19d-201 of the Utah Code. A separate Elected Official Other Postemployment Benefit Plan (Elected Official OPEB Plan) is provided for governors and legislators, and this plan is administered through the Elected Official Post-Retirement Benefits Trust Fund as set forth in Section 67-19d-201.5 of the Utah Code. Both trust funds are irrevocable and legally protected from creditors. Both are also administered under the direction of a board of trustees, which consists of the State Treasurer, the Director of the Division of Finance, and the Director of the Governor’s Office of Management and Budget or a designee. Neither plan issues a publicly available financial report, but are included in this report of the primary government.

State Employee OPEB Plan Description

At the option of individual state agencies, employees may participate in the State Employee OPEB Plan, a single-employer defined benefit healthcare plan, as set forth in Section 67-19-14.2 of the Utah Code. Only state employees who are entitled to receive retirement benefits are eligible to receive postemployment health and life insurance benefits, and in some situations dental coverage, from the State Employee OPEB Plan. Upon retirement, employees receive up to 25 percent of the value of their unused accumulated sick leave, earned prior to January 1, 2006, as a mandatory employer contribution into a 401(k) account. Employees may exchange eight hours of their remaining unused accumulated sick leave for one month of paid health and life insurance coverage up to age 65. After age 65, employees may use the balance of unused accumulated sick leave, earned prior to January 1, 2006, to exchange for spouse health insurance age to age 65, or Medicare supplemental insurance for employee or spouse. In addition, any full-time employees of the Utah State Board of Education and the Utah Schools for the Deaf and Blind (nonmajor discrete component unit) hired before July 1, 2012, who have attained at least five consecutive years of service with the agency, have the option of receiving postemployment health, dental, and life insurance coverage for up to five years or until reaching age 65 regardless of their unused sick leave balance. Also, judges have their own retiree health coverage that is part of the State Employee OPEB Plan. The State Employee OPEB Plan is closed to new entrants since it is only applicable to employees eligible for retirement who have sick leave earned prior to January 1, 2006, or employees of the Utah State Board of Education hired before July 1, 2012.

Elected Official OPEB Plan Description

The Elected Official OPEB Plan is a single-employer defined benefit healthcare plan, as set forth in Section 49-20-404 of the Utah Code. Only governors and legislators (elected officials) who retire after January 1, 1998, and have four or more years of service can elect to receive and apply for health insurance coverage or Medicare supplemental coverage. The State will pay 40 percent of the benefit cost for four years of service and up to 100 percent for ten or more years of service for elected officials and their spouses.

To qualify for health insurance coverage, an elected official must be between 62 and 65 years of age and either be an active member at the time of retirement or have continued coverage with the program until the date of eligibility. In addition, to qualify for health insurance coverage, an elected official must have service as a legislator or governor prior to January 1, 2012.

To qualify for Medicare supplemental coverage, an elected official must be at least 65 years of age. In addition, the elected official must retire under Chapter 19, Utah Governors’ and Legislators’ Retirement Act, and began service as an elected official prior to July 1, 2013. The Plan is closed to new entrants.

At June 30, 2019, the following number of employees were covered by the State’s single-employer OPEB plans: (Table on next page)
State of Utah

Notes to the Financial Statements

Fiscal Year Ended June 30, 2019

Single-employer Plans Covered Employees

<table>
<thead>
<tr>
<th>June 30, 2019</th>
<th>State Employee OPEB Plan</th>
<th>Elected Official OPEB Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inactive Employees or Beneficiaries Currently Receiving Benefits</td>
<td>3,171</td>
<td>91</td>
</tr>
<tr>
<td>Inactive Employees Entitled to But Not Yet Receiving Benefits</td>
<td>—</td>
<td>115</td>
</tr>
<tr>
<td>Active Employees</td>
<td>5,438</td>
<td>49</td>
</tr>
<tr>
<td>Total Single-employer Plans Covered Employees</td>
<td>8,609</td>
<td>255</td>
</tr>
</tbody>
</table>

State Employee OPEB Plan Contributions

The contribution requirements of employees and the State are established, and may be amended, by the State Legislature. For retirees who participate in the State Employee OPEB Plan, health insurance premiums are paid 100 percent by the State for individuals who retired before July 1, 2000. Individuals retiring thereafter are required to contribute specified amounts monthly, ranging from 0 to 30.1 percent, toward the cost of health insurance premiums. For the fiscal year ended June 30, 2019, retirees contributed $1.541 million, or approximately 4.80 percent of total premiums, through their required contributions of $0 to $802.80 per month depending on the coverage (single, double, or family) and health plan selected.

The Actuarially Determined Contribution (ADC) of $25.9 million, from the December 31, 2016, actuarial valuation, was used to establish the fiscal year 2019 annual budget and fund employer contributions. The State Legislature funded $26.510 million in employer contributions, $582 thousand more than the ADC.

Elected Official OPEB Plan Contributions

For the fiscal year ended June 30, 2019, elected officials who participated in the Elected Official OPEB Plan contributed $30 thousand, or approximately 6.79 percent of total premiums, through their required contributions of $0 (for 10 or more years of service) to $922.22 per month (for four years of service) depending on the coverage (single or double) and health plan selected.

The Actuarially Determined Contribution (ADC) of $1.026 million from the December 31, 2016, actuarial valuation was used to establish the fiscal year 2019 annual budget and fund employer contributions. For the fiscal year 2019, the State Legislature funded $1.388 million in employer contributions, $362 thousand more than the ADC.

Net OPEB Liability

The net OPEB liability was measured as of June 30, 2019. The total OPEB liability, used to calculate the net OPEB liability, was determined by an actuarial valuation as of December 31, 2018, and rolled-forward using generally accepted actuarial procedures. The combined total net OPEB liability, for both single-employer plans, was $70.088 million, and of that amount, the State’s (primary government) net OPEB liability was $69.443 million, and $645 thousand was allocated to the Utah Schools for the Deaf and Blind (nonmajor discrete component unit). Below are the changes in the net OPEB liability and related ratios of the net OPEB liability for the single-employer OPEB plans:

Single-employer Plans

Changes in Net OPEB Liability and Related Ratios

<table>
<thead>
<tr>
<th>Increases (Decreases)</th>
<th>For the Year Ended June 30, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>(dollars expressed in thousands)</td>
<td>State Employee OPEB Plan</td>
</tr>
<tr>
<td>Total OPEB Liability</td>
<td></td>
</tr>
<tr>
<td>Service Cost</td>
<td>$5,189</td>
</tr>
<tr>
<td>Interest</td>
<td>12,749</td>
</tr>
<tr>
<td>Difference between Actual and Expected Experience</td>
<td>(28,055)</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td>31,163</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(30,560)</td>
</tr>
<tr>
<td>Net Change in Total OPEB Liability</td>
<td>(9,514)</td>
</tr>
<tr>
<td>Total OPEB Liability – Beginning</td>
<td>349,916</td>
</tr>
<tr>
<td>Total OPEB Liability – Ending</td>
<td></td>
</tr>
<tr>
<td>Plan Fiduciary Net Position</td>
<td></td>
</tr>
<tr>
<td>Contributions – Employee</td>
<td>$—</td>
</tr>
<tr>
<td>Contributions – Employer</td>
<td>26,510</td>
</tr>
<tr>
<td>Net Investment Income (Loss)</td>
<td>24,082</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(30,560)</td>
</tr>
<tr>
<td>Administrative Expense</td>
<td>—</td>
</tr>
<tr>
<td>Net Transfers with Affiliated Systems</td>
<td>356</td>
</tr>
<tr>
<td>Net Change in Plan Fiduciary Net Position</td>
<td>20,388</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position – Beginning</td>
<td>251,464</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position – Ending</td>
<td>B $271,852 $15,865</td>
</tr>
<tr>
<td>Net OPEB Liability / (Asset) – Ending (A – B)</td>
<td>$68,550 $1,538</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability</td>
<td>79.86%</td>
</tr>
<tr>
<td>Covered Payroll*</td>
<td>$1,032,288</td>
</tr>
<tr>
<td>Net OPEB Liability as a Percentage of Covered Payroll</td>
<td>6.64%</td>
</tr>
<tr>
<td>Covered-employee Payroll*</td>
<td>$1,317</td>
</tr>
<tr>
<td>Net OPEB Liability as a Percentage of Covered-employee Payroll</td>
<td>116.78%</td>
</tr>
</tbody>
</table>

* Contributions to the State Employee Plan are based on a measure of pay, therefore covered payroll is presented in the above schedule. Contributions to the Elected Official OPEB Plan are based on appropriations and not on a measure of pay; therefore, for that plan the covered-employee payroll is presented.
Deferred Outflows and Inflows of Resources and OPEB Expense

For the year ended June 30, 2019, the total OPEB expense was $7.233 million, $7.164 million for the State Employee OPEB Plan, and $69 thousand for the Elected Official OPEB Plan. Of the total OPEB expense, the State (primary government) recognized $7.149 million, and $84 thousand was allocated to the Utah Schools for the Deaf and Blind (nonmajor discrete component unit).

Total deferred inflows of resources related to the recognition of OPEB expense was $37.028 million, of which $36.610 million was recognized by the State, and $418 thousand was allocated to the Utah Schools for the Deaf and Blind. Total deferred outflows of resources related to the recognition of OPEB expense was $31.892 million, of which $31.527 million was recognized by the State, and $365 thousand was allocated to the Utah Schools for the Deaf and Blind.

Deferred inflows of resources related to OPEB came from the following source:

<table>
<thead>
<tr>
<th>Source</th>
<th>Deferred Outflows</th>
<th>Deferred Inflows</th>
</tr>
</thead>
<tbody>
<tr>
<td>Differences between expected and Actual Experience</td>
<td>$ —</td>
<td>$ 22,444</td>
</tr>
<tr>
<td>Changes in Assumption</td>
<td>$ 24,931</td>
<td>$ —</td>
</tr>
<tr>
<td>Net Differences between Projected and Actual Earnings on OPEB Plan Investments</td>
<td>$ 6,951</td>
<td>$ 13,878</td>
</tr>
</tbody>
</table>

Amounts reported above as deferred inflows and deferred outflows of resources related to OPEB will be recognized in OPEB expenses as follows:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>State Employee OPEB Plan</th>
<th>Elected Official OPEB Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>$ 8,550</td>
<td>$ 4</td>
</tr>
<tr>
<td>2021</td>
<td>$ 8,550</td>
<td>$ 3</td>
</tr>
<tr>
<td>2022</td>
<td>$ 8,549</td>
<td>$ 3</td>
</tr>
<tr>
<td>2023</td>
<td>$ 6,233</td>
<td>$ —</td>
</tr>
</tbody>
</table>

The total OPEB liability in the December 31, 2018, valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

<table>
<thead>
<tr>
<th>Summary of Actuarial Assumptions</th>
<th>State Employee OPEB Plan</th>
<th>Elected Official OPEB Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Valuation Date</td>
<td>12/31/2018</td>
<td>12/31/2018</td>
</tr>
<tr>
<td>Measurement Date</td>
<td>6/30/2019</td>
<td>6/30/2019</td>
</tr>
<tr>
<td>Actuarial Cost Method</td>
<td>Entry Age Normal</td>
<td></td>
</tr>
<tr>
<td>Investment Rate of Return</td>
<td>3.00%</td>
<td>5.25%</td>
</tr>
<tr>
<td>Inflation Rate</td>
<td>2.40%</td>
<td></td>
</tr>
<tr>
<td>Healthcare Inflation Rate</td>
<td>5.40% initial</td>
<td>3.94% ultimate</td>
</tr>
</tbody>
</table>

Mortality rates were based on the RP-2014 mortality table for both pre-retirement and post-retirement mortality assumption, along with 75 percent of the MP-2015 projection scale for mortality improvement. This projection scale applies “generational” improvements to longevity, based on the concept that children will live longer than their parents. The actuarial assumptions were updated since the prior measurement period based on the assumptions used in the Utah Retirement Systems actuarial valuation as of January 1, 2017 based on the results of an actuarial experience study for the five-year period ending December 31, 2016. The medical trend assumptions used in the valuation were developed using the Society of Actuaries (SOA) Long-Run Medical Cost Trend Model (version 2019_b). The Per Capita Claims Costs (PCCC) aging factors were updated for pre-Medicare and post-Medicare retirees from the prior measurement date. The healthcare trend rate assumption was also updated from the prior measurement date to reflect the 2019 SOA Long-Run Medical Cost Trend model.

Investment Policy and Target Allocations

The State Treasurer is responsible for investing the assets of the State Employee OPEB Plan and the Elected Official OPEB Plan. The State Treasurer has an investment committee which establishes the asset allocation for the OPEB plans with the primary goal of providing for the stability, income, and growth of the principal. The asset allocation for the plans is not expected to change substantially over the short or intermediate time horizons in response to short-
State of Utah  
Notes to the Financial Statements  
Fiscal Year Ended June 30, 2019

term market movements, but may change incrementally based upon long-term capital market projections. For the fiscal year ended June 30, 2019, the annual money-weighted rate of return on investments, net of investment expense, was 9.72 percent for the State Employee OPEB Plan and 11.65 percent for the Elected Official OPEB Plan. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which best estimate ranges of expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in each plan’s target asset allocation as of June 30, 2019, are summarized below:

### State Employee OPEB Plan

<table>
<thead>
<tr>
<th>Asset Class</th>
<th>Target Asset Allocation</th>
<th>Real Return Arithmetic Basis</th>
<th>Long-term Expected Portfolio Real Rate of Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Securities</td>
<td>90.00%</td>
<td>0.90%</td>
<td>0.80%</td>
</tr>
<tr>
<td>Real Estate</td>
<td>10.00%</td>
<td>2.00%</td>
<td>0.20%</td>
</tr>
<tr>
<td>Total Asset Classes</td>
<td>100.00%</td>
<td></td>
<td>1.00%</td>
</tr>
<tr>
<td>Inflation</td>
<td></td>
<td></td>
<td>2.00%</td>
</tr>
<tr>
<td>Expected Arithmetic Nominal Return</td>
<td></td>
<td></td>
<td>3.00%</td>
</tr>
</tbody>
</table>

### Elected Official OPEB Plan

<table>
<thead>
<tr>
<th>Asset Class</th>
<th>Target Asset Allocation</th>
<th>Real Return Arithmetic Basis</th>
<th>Long-term Expected Portfolio Real Rate of Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity Securities</td>
<td>55.00%</td>
<td>5.00%</td>
<td>2.73%</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>35.00%</td>
<td>0.90%</td>
<td>0.32%</td>
</tr>
<tr>
<td>Real Estate</td>
<td>10.00%</td>
<td>2.00%</td>
<td>0.20%</td>
</tr>
<tr>
<td>Total Asset Classes</td>
<td>100.00%</td>
<td></td>
<td>3.25%</td>
</tr>
<tr>
<td>Inflation</td>
<td></td>
<td></td>
<td>2.00%</td>
</tr>
<tr>
<td>Expected Arithmetic Nominal Return</td>
<td></td>
<td></td>
<td>5.25%</td>
</tr>
</tbody>
</table>

Discount Rates

The discount rate used to measure the total OPEB liability was 3.00 percent for the State Employee OPEB Plan and 5.25 percent for the Elected Official OPEB Plan. The discount rate for the State Employee OPEB Plan was reduced from 3.75 percent to 3.00 percent from the prior measurement period based on lower expected inflation in the future.

The projection of cash flows used to determine the discount rates assumed that future State contributions will be equal to the Actuarially Determined Contribution (ADC) as calculated in each future valuation. Based on those assumptions, the OPEB Plan’s Fiduciary Net Position for both plans was projected at the beginning of each year to be sufficient to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on the OPEB Plan’s investments for both plans, was applied to all periods of projected benefit payments to determine the total OPEB liability. The discount rates do not incorporate a municipal bond rate.

The following presents the net OPEB liability for the State for both plans, calculated using the discount rate of 3.00 percent for the State Employee OPEB Plan and 5.25 percent for the Elected Official OPEB Plan, as well as what the net OPEB liability would be if it were calculated using a discount rate that is 1 percentage-point lower (2.00 percent - State Employee OPEB Plan, 4.25 percent - Elected Official OPEB Plan) or 1 percentage-point higher (4.00 percent - State Employee OPEB Plan, 6.25 percent - Elected Official OPEB Plan) than the current rate:

### Changes in Discount Rate

<table>
<thead>
<tr>
<th>OPEB Plan</th>
<th>1% Decrease (2.00%)</th>
<th>Current Discount Rate</th>
<th>1% Increase (4.00%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Employee OPEB Plan</td>
<td>$ 88,297</td>
<td>$ 68,550</td>
<td>$ 49,896</td>
</tr>
<tr>
<td>Elected Official OPEB Plan</td>
<td>$ 4,257</td>
<td>$ 1,538</td>
<td>(643)</td>
</tr>
<tr>
<td>Total Net OPEB Liability / (Asset)</td>
<td>$ 92,554</td>
<td>$ 70,088</td>
<td>$ 49,253</td>
</tr>
</tbody>
</table>

### Healthcare Cost Trend Rates

<table>
<thead>
<tr>
<th>OPEB Plan</th>
<th>1% Decrease (4.4% decreasing to 2.9%)</th>
<th>Current Discount Rate (5.4% decreasing to 3.9%)</th>
<th>1% Increase (6.4% decreasing to 4.9%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Employee OPEB Plan</td>
<td>$ 45,067</td>
<td>$ 68,550</td>
<td>$ 94,573</td>
</tr>
<tr>
<td>Elected Official OPEB Plan</td>
<td>(715)</td>
<td>1,538</td>
<td>4,325</td>
</tr>
<tr>
<td>Total Net OPEB Liability / (Asset)</td>
<td>$ 44,352</td>
<td>$ 70,088</td>
<td>$ 98,898</td>
</tr>
</tbody>
</table>

NOTE 20.  RISK MANAGEMENT AND INSURANCE

It is the policy of the State of Utah to use a combination of commercial insurance and self-insurance to cover the risk of losses to which it may be exposed. This is accomplished by the State through the Risk Management Fund (internal service fund) and the Public Employees Health Program (PEHP) (major discrete component unit). The Risk Management Fund manages the general property, auto/physical damage, and general liability risks of the State. PEHP manages the group medical, dental, life insurance, and long-term disability programs of the State. The State is a major participant in both of these programs with all state funds and...
all state colleges, universities, school districts, most charter schools, and other state discrete component units participate in the Risk Management Fund. PEHP also provides insurance coverage to approximately 370 local governments, school districts, and other public entities within the State.

All participants share the risk within the Risk Management Fund property and auto risk pools. Participants in the Risk Management Fund general liability program are divided into higher education, school district, transportation department, and other state departments risk pools. All participants share the risk within the life insurance, Medicare Supplement, and long-term disability pools of PEHP. The PEHP medical and dental programs are divided into state and various other employers risk pools.

The State has determined that the Risk Management Fund and PEHP can economically and effectively manage the State’s risks internally and have set aside assets for claim settlements through reserves. Risks are also covered through commercial insurance for excessive losses. The State is self-insured for liability claims up to $2 million and beyond the excess insurance policy limit of $10 million. The State is self-insured for individual property and casualty claims up to $1 million and up to $3.5 million in aggregate claims and beyond the excess insurance policy limit of $1 billion per occurrence. The Risk Management Fund has not had a liability loss that exceeded the State’s self-insured claim limit of $1 million for the fiscal years ended June 30, 2017 and June 30, 2018. The fund had losses that exceeded the State’s self-insured claim limit of $1 million for the fiscal year ended June 30, 2019.

PEHP has reinsurance coverage for a life catastrophic occurrence in excess of $7.5 million, not to exceed $80 million per year with a one-time reinstatement with additional premium. PEHP also has excess medical reinsurance for medical losses that exceed $1.25 million on a person per year to a maximum of $2 to $5 million during the person’s lifetime, depending on the participating group’s lifetime maximum.

The Risk Management Fund and PEHP allocate the cost of providing claims servicing, claims payment, and commercial insurance by charging a premium to each participating public entity or employee. Premiums are based on each organization’s recent trends in actual claims experience and property values. The primary government and discrete component units of the State paid premiums to PEHP for health and life insurance coverage in fiscal year 2019 of $323.112 million and $48.394 million, respectively.

Risk Management and PEHP claims liabilities are reported when it is probable that a claim has occurred and the ultimate cost of settling that claim can be reasonably estimated and includes an amount for claims that have been incurred but not reported. Because actual claims liabilities are affected by complex factors (i.e., inflation, changes in legal doctrines and insurance benefits, and unanticipated damage awards), the process used in computing claims liabilities does not necessarily result in exact amounts. Claims liabilities are recomputed periodically by actuaries who take into consideration recently settled claims, frequency of claims, and other economic or social factors. Inflation and other appropriate modifiers are included in this calculation because reliance is based on historical data. The Risk Management Fund general liability program reserves of $60.414 million are reported using a discount rate of 2 percent. The PEHP long-term disability benefit reserves of $18.726 million are reported using discount rates between 2 and 5.75 percent.

All employers who participate in the Utah Retirement Systems are eligible to participate in the Public Employees Long-term Disability Program according to Section 49-21-201 of the Utah Code. Employees of state departments who meet long-term disability eligibility receive benefits for the duration of their disability up to the time they are eligible for retirement or until age 65. Benefits beginning after a three-month waiting period are paid 100 percent by the program. As of June 30, 2019, there were 157 state employees receiving benefits. The program is funded by paying premiums to PEHP where assets are set aside for future payments. For the fiscal year ended June 30, 2019, the primary government and the discrete component units of the State paid premiums for the Long-term Disability Program of $5.165 million and $291 thousand, respectively.

The State covers its workers’ compensation risk by purchasing insurance from Workers’ Compensation Fund (a related organization). The University of Utah, Utah State University, Southern Utah University, Salt Lake Community College, and Utah Valley University (major and nonmajor discrete component units) each maintain self-insurance funds to manage health/dental care and report claims liabilities if it is probable that a liability has been incurred as of the date of the financial statements and the amount of the loss can be reasonably estimated. The University of Utah also maintains a self-insurance fund to manage medical malpractice liabilities. The University of Utah and the University of Utah Hospital and Clinics also have a “claims made” umbrella malpractice insurance policy in an amount considered adequate by their respective administrations for catastrophic malpractice liabilities in excess of the trusts’ fund balances.

Utah Transit Authority (UTA) (major discrete component unit) is self-insured for amounts up to the maximum statutory liability in any one accident of $2.5 million. UTA has Railroad Liability Coverage of $100 million per annum with $5 million of risk retention. UTA is self-insured for worker’s compensation up to the amount of $1 million per incident and has excess insurance for claims over this amount. UTA has insurance for errors and omissions and damage to property in excess of $100 thousand per annum.

The following table presents the prior and current year changes in claims liabilities balances (short and long-term combined). The Risk Management and College and University self-insurance balances are for the fiscal years ended June 30, 2018 and June 30, 2019. The PEHP and UTA balances are for the calendar years ended December 31, 2017 and December 31, 2018:

(Table on next page)
### Changes in Claims Liabilities (expressed in thousands)

<table>
<thead>
<tr>
<th></th>
<th>Beginning Balance</th>
<th>Current Year Claims and Changes in Estimates</th>
<th>Claims Payments</th>
<th>Ending Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Risk Management:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>$ 53,645</td>
<td>$ 17,404</td>
<td>(13,719)</td>
<td>$ 57,330</td>
</tr>
<tr>
<td>2019</td>
<td>$ 57,330</td>
<td>$ 22,050</td>
<td>(15,822)</td>
<td>$ 63,558</td>
</tr>
<tr>
<td><strong>Public Employees Health Program:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December 31, 2017</td>
<td>$ 148,268</td>
<td>$ 654,802</td>
<td>(653,463)</td>
<td>$ 149,607</td>
</tr>
<tr>
<td>December 31, 2018</td>
<td>$ 149,607</td>
<td>$ 694,933</td>
<td>(697,527)</td>
<td>$ 147,013</td>
</tr>
<tr>
<td><strong>Utah Transit Authority:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December 31, 2017</td>
<td>$ 5,096</td>
<td>$ 1,082</td>
<td>(4,682)</td>
<td>$ 1,156</td>
</tr>
<tr>
<td>December 31, 2018</td>
<td>$ 1,496</td>
<td>$ 3,118</td>
<td>(3,458)</td>
<td>$ 1,156</td>
</tr>
<tr>
<td><strong>College and University Self-Insurance:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>$ 99,474</td>
<td>$ 256,444</td>
<td>(258,733)</td>
<td>$ 97,185</td>
</tr>
<tr>
<td>2019</td>
<td>$ 97,185</td>
<td>$ 355,736</td>
<td>(346,063)</td>
<td>$ 106,858</td>
</tr>
</tbody>
</table>

### NOTE 21. SUBSEQUENT EVENTS

Subsequent to June 30, 2019, the Governor’s Office of Economic Development Board recommended and the director approved $50.4 million of additional commitments to be credited over the next several years for the Economic Development Tax Increment Financing (EDTIF) and Motion Picture Incentive (MPIP) programs. These commitments are contingent on participating companies meeting certain economic development performance criteria and within-the-state production criteria.

On August 30, 2019, the University of Utah (major discrete component unit) issued $50 million of new capital lease debt at 2.29 percent interest, for furniture and technology equipment related to its hospital.

On August 22, 2019, Utah State University (USU) (major discrete component unit) issued $54.995 million of Student Fee and Housing System Revenue Bonds, Series 2019. Principal on the bonds is due annually commencing April 1, 2021 through June 30, 2049. Bond interest is due semi-annually commencing October 1, 2019 at rates ranging from 2.125 to 5.00 percent. Proceeds from these bonds are for the purpose of financing the costs of constructing a six-story student apartment building; a multi-level parking structure on the University main campus; and to pay costs of issuance.


On July 10, 2019, UTA (major discrete component unit) approved a $7.100 million agreement with a private organization to provide micro-transit service to the cities of Bluffdale, Draper, Herriman, Riverton, Sandy, and South Jordan.

On August 8, 2019, UTA entered into three new service vehicle leases totaling $9.880 million with lease terms ranging from 5 to 12 years.

UTA is currently in the process of issuing up to $540 million of sales tax revenue and refunding bonds to refund and restructure portions of the 2012 and 2015 outstanding bonds and provide up to $75 million for capital projects. The bond sale date was November 6, 2019 with bond closing to occur around November 26, 2019.

(The remainder of this page has been intentionally left blank.)
### Revenues

**General Revenues**

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Tax</td>
<td>$2,101,634</td>
<td>$2,130,444</td>
<td>$2,116,255</td>
<td>$14,189</td>
</tr>
<tr>
<td>LICENSES, PERMITS, AND FEES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Court Fees</td>
<td>24,858</td>
<td>26,629</td>
<td>14,325</td>
<td>(12,304)</td>
</tr>
<tr>
<td>Other Licenses, Permits, and Fees</td>
<td>12,944</td>
<td>12,722</td>
<td>11,361</td>
<td>(1,361)</td>
</tr>
<tr>
<td>Investment Income</td>
<td>18,251</td>
<td>32,023</td>
<td>34,771</td>
<td>2,748</td>
</tr>
<tr>
<td>MISCELLANEOUS TAXES AND OTHER:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beer Tax</td>
<td>7,692</td>
<td>8,361</td>
<td>8,347</td>
<td>(14)</td>
</tr>
<tr>
<td>Cigarette and Tobacco Tax</td>
<td>105,432</td>
<td>100,720</td>
<td>97,691</td>
<td>(3,029)</td>
</tr>
<tr>
<td>Insurance Premium Tax</td>
<td>135,361</td>
<td>143,602</td>
<td>136,637</td>
<td>(965)</td>
</tr>
<tr>
<td>Oil, Gas, and Mining Severance Tax</td>
<td>28,971</td>
<td>29,261</td>
<td>24,520</td>
<td>(4,741)</td>
</tr>
<tr>
<td>TAXPAYER REBATES</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Court Collections</td>
<td>5,871</td>
<td>7,350</td>
<td>4,338</td>
<td>(3,012)</td>
</tr>
<tr>
<td>Other Taxes</td>
<td>48,913</td>
<td>50,483</td>
<td>40,746</td>
<td>(9,737)</td>
</tr>
<tr>
<td>MISCELLANEOUS OTHER</td>
<td>14,517</td>
<td>12,398</td>
<td>9,797</td>
<td>(2,601)</td>
</tr>
</tbody>
</table>

**Total General Revenues**

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Department Specific Revenues</td>
<td>5,557,895</td>
<td>5,362,580</td>
<td>5,363,668</td>
<td>1,088</td>
</tr>
<tr>
<td>Total Department Specific Revenues</td>
<td>8,062,339</td>
<td>7,916,573</td>
<td>7,862,456</td>
<td>(54,117)</td>
</tr>
</tbody>
</table>

**Expenditures**

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Government</td>
<td>515,095</td>
<td>520,846</td>
<td>392,611</td>
<td>128,235</td>
</tr>
<tr>
<td>Human Services and Juvenile Justice Services</td>
<td>959,199</td>
<td>936,728</td>
<td>920,636</td>
<td>16,092</td>
</tr>
<tr>
<td>Corrections</td>
<td>339,829</td>
<td>335,964</td>
<td>325,004</td>
<td>10,960</td>
</tr>
<tr>
<td>Public Safety</td>
<td>327,488</td>
<td>344,201</td>
<td>304,305</td>
<td>39,896</td>
</tr>
<tr>
<td>Courts</td>
<td>173,656</td>
<td>167,663</td>
<td>159,328</td>
<td>8,335</td>
</tr>
<tr>
<td>Health and Environmental Quality</td>
<td>3,619,646</td>
<td>3,511,633</td>
<td>3,433,626</td>
<td>(78,007)</td>
</tr>
<tr>
<td>Higher Education – State Administration</td>
<td>115,024</td>
<td>96,323</td>
<td>96,323</td>
<td>—</td>
</tr>
<tr>
<td>Higher Education – Colleges and Universities</td>
<td>1,896,598</td>
<td>1,934,617</td>
<td>1,934,582</td>
<td>35</td>
</tr>
<tr>
<td>Employment and Family Services</td>
<td>969,574</td>
<td>794,943</td>
<td>769,815</td>
<td>25,128</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>313,125</td>
<td>328,761</td>
<td>263,504</td>
<td>65,257</td>
</tr>
<tr>
<td>Heritage and Arts</td>
<td>40,497</td>
<td>38,102</td>
<td>31,231</td>
<td>6,871</td>
</tr>
<tr>
<td>Business, Labor, and Agriculture</td>
<td>147,143</td>
<td>126,377</td>
<td>99,519</td>
<td>26,858</td>
</tr>
</tbody>
</table>

**Total Expenditures**

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excess Revenues Over (Under) Expenditures</td>
<td>(1,354,535)</td>
<td>(1,219,585)</td>
<td>(868,028)</td>
<td>351,557</td>
</tr>
</tbody>
</table>

**Other Financing Sources (Uses)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sale of Capital Assets</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Transfers In</td>
<td>1,057,461</td>
<td>1,505,527</td>
<td>1,505,527</td>
<td>—</td>
</tr>
<tr>
<td>Transfers Out</td>
<td>(223,034)</td>
<td>(467,552)</td>
<td>(467,552)</td>
<td>—</td>
</tr>
</tbody>
</table>

**Total Other Financing Sources (Uses)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Change in Fund Balance</td>
<td>(520,105)</td>
<td>(181,607)</td>
<td>169,950</td>
<td>351,557</td>
</tr>
</tbody>
</table>

**Budgetary Fund Balance – Beginning**

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>$267,415</td>
<td>$605,913</td>
<td>$957,470</td>
<td>$351,557</td>
<td>$351,557</td>
</tr>
</tbody>
</table>

The Information About Budgetary Reporting is an integral part of this schedule.
State of Utah

Required Supplementary Information

Budgetary Comparison Schedule

Education Fund

(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Revenues</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Revenues</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporate Tax</td>
<td>364,648</td>
<td>549,426</td>
<td>527,070</td>
<td>(22,356)</td>
</tr>
<tr>
<td>Miscellaneous Other</td>
<td>38,206</td>
<td>47,156</td>
<td>42,944</td>
<td>(4,212)</td>
</tr>
<tr>
<td>Total General Revenues</td>
<td>4,541,482</td>
<td>4,768,524</td>
<td>4,908,746</td>
<td>140,222</td>
</tr>
<tr>
<td>Department Specific Revenues</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Contracts and Grants</td>
<td>520,392</td>
<td>361,777</td>
<td>361,777</td>
<td>—</td>
</tr>
<tr>
<td>Departmental Collections</td>
<td>9,887</td>
<td>9,276</td>
<td>9,276</td>
<td>—</td>
</tr>
<tr>
<td>Federal Mineral Lease</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Investment Income</td>
<td>919</td>
<td>4,579</td>
<td>5,217</td>
<td>638</td>
</tr>
<tr>
<td>Miscellaneous:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquor Sales Allocated for School Lunch</td>
<td>41,036</td>
<td>48,024</td>
<td>48,024</td>
<td>—</td>
</tr>
<tr>
<td>Driver Education Fee</td>
<td>5,922</td>
<td>6,449</td>
<td>6,449</td>
<td>—</td>
</tr>
<tr>
<td>Property Tax for Charter Schools</td>
<td>29,055</td>
<td>22,206</td>
<td>22,661</td>
<td>455</td>
</tr>
<tr>
<td>Other</td>
<td>12,538</td>
<td>10,946</td>
<td>10,944</td>
<td>(2)</td>
</tr>
<tr>
<td>Total Department Specific Revenues</td>
<td>619,749</td>
<td>463,257</td>
<td>464,348</td>
<td>1,091</td>
</tr>
<tr>
<td>Total Revenues</td>
<td>5,161,231</td>
<td>5,231,781</td>
<td>5,373,094</td>
<td>141,313</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditures</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Education</td>
<td>5,275,077</td>
<td>4,220,663</td>
<td>4,078,783</td>
<td>141,880</td>
</tr>
<tr>
<td>Total Expenditures</td>
<td>5,275,077</td>
<td>4,220,663</td>
<td>4,078,783</td>
<td>141,880</td>
</tr>
<tr>
<td>Excess Revenues Over (Under) Expenditures</td>
<td>(113,846)</td>
<td>1,011,118</td>
<td>1,294,311</td>
<td>283,193</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Financing Sources (Uses)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfers In</td>
<td>93,499</td>
<td>94,074</td>
<td>94,074</td>
<td>—</td>
</tr>
<tr>
<td>Transfers Out</td>
<td>(1,037,906)</td>
<td>(1,335,011)</td>
<td>(1,335,011)</td>
<td>—</td>
</tr>
<tr>
<td>Total Other Financing Sources (Uses)</td>
<td>(944,407)</td>
<td>(1,240,937)</td>
<td>(1,240,937)</td>
<td>0</td>
</tr>
<tr>
<td>Net Change in Fund Balance</td>
<td>(1,058,253)</td>
<td>(229,819)</td>
<td>53,374</td>
<td>283,193</td>
</tr>
<tr>
<td>Budgetary Fund Balance – Beginning</td>
<td>882,715</td>
<td>882,715</td>
<td>882,715</td>
<td>—</td>
</tr>
<tr>
<td>Budgetary Fund Balance – Ending</td>
<td>$ (175,538)</td>
<td>$ 652,896</td>
<td>$ 936,089</td>
<td>$ 283,193</td>
</tr>
</tbody>
</table>

The Information About Budgetary Reporting is an integral part of this schedule.
### State of Utah

#### Required Supplementary Information

**Budgetary Comparison Schedule**

**Transportation Fund**

(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Revenues</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Revenues</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor Fuel Tax</td>
<td>$366,912</td>
<td>$364,127</td>
<td>$371,619</td>
<td>$7,492</td>
</tr>
<tr>
<td>Special Fuel Tax</td>
<td>147,782</td>
<td>139,379</td>
<td>142,333</td>
<td>2,954</td>
</tr>
<tr>
<td><strong>Licenses, Permits, and Fees:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor Vehicle Registration Fees</td>
<td>48,041</td>
<td>48,750</td>
<td>49,745</td>
<td>995</td>
</tr>
<tr>
<td>Proportional Registration Fees</td>
<td>16,783</td>
<td>17,368</td>
<td>17,863</td>
<td>495</td>
</tr>
<tr>
<td>Temporary Permits</td>
<td>224</td>
<td>226</td>
<td>223</td>
<td>(3)</td>
</tr>
<tr>
<td>Special Transportation Permits</td>
<td>11,371</td>
<td>11,233</td>
<td>11,365</td>
<td>132</td>
</tr>
<tr>
<td>Highway Use Permits</td>
<td>11,119</td>
<td>12,933</td>
<td>13,260</td>
<td>327</td>
</tr>
<tr>
<td>Motor Vehicle Control Fees</td>
<td>6,499</td>
<td>6,332</td>
<td>6,390</td>
<td>58</td>
</tr>
<tr>
<td>Investment Income</td>
<td>700</td>
<td>4,000</td>
<td>7,105</td>
<td>3,105</td>
</tr>
<tr>
<td><strong>Miscellaneous Other</strong></td>
<td>---</td>
<td>---</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total General Revenues</strong></td>
<td>609,431</td>
<td>604,348</td>
<td>619,915</td>
<td>15,567</td>
</tr>
<tr>
<td><strong>Department Specific Revenues</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales and Aviation Fuel Taxes</td>
<td>6,200</td>
<td>6,200</td>
<td>6,542</td>
<td>342</td>
</tr>
<tr>
<td>Federal Contracts and Grants</td>
<td>382,098</td>
<td>386,374</td>
<td>386,374</td>
<td>---</td>
</tr>
<tr>
<td>Departmental Collections</td>
<td>43,685</td>
<td>56,759</td>
<td>58,244</td>
<td>1,485</td>
</tr>
<tr>
<td>Investment Income</td>
<td>217</td>
<td>2,017</td>
<td>2,412</td>
<td>395</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
<td>24,897</td>
<td>56,180</td>
<td>56,180</td>
<td>---</td>
</tr>
<tr>
<td><strong>Total Department Specific Revenues</strong></td>
<td>457,097</td>
<td>507,530</td>
<td>509,752</td>
<td>2,222</td>
</tr>
<tr>
<td><strong>Total Revenues</strong></td>
<td>1,066,528</td>
<td>1,111,878</td>
<td>1,129,667</td>
<td>17,789</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditures</th>
<th>Original Budget</th>
<th>Final Budget</th>
<th>Actual</th>
<th>Variance with Final Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation</td>
<td>1,049,388</td>
<td>1,115,600</td>
<td>998,100</td>
<td>117,500</td>
</tr>
<tr>
<td><strong>Total Expenditures</strong></td>
<td>1,049,388</td>
<td>1,115,600</td>
<td>998,100</td>
<td>117,500</td>
</tr>
<tr>
<td><strong>Excess Revenues Over (Under) Expenditures</strong></td>
<td>17,140</td>
<td>(3,722)</td>
<td>131,567</td>
<td>135,289</td>
</tr>
</tbody>
</table>

| Other Financing Sources (Uses) | | | | |
| Sale of Capital Assets | --- | 31,134 | 31,134 | --- |
| Transfers In | 44,158 | 44,027 | 44,027 | --- |
| Transfers Out | (99,335) | (110,400) | (110,400) | --- |
| **Total Other Financing Sources (Uses)** | (55,177) | (35,239) | (35,239) | 0 |
| **Net Change in Fund Balance** | (38,037) | (38,961) | 96,328 | 135,289 |
| **Budgetary Fund Balance – Beginning** | 351,996 | 351,996 | 351,996 | --- |
| **Budgetary Fund Balance – Ending** | $313,959 | $313,035 | $448,324 | $135,289 |

The Information About Budgetary Reporting is an integral part of this schedule.
For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Revenues</th>
<th>General Fund</th>
<th>Education Fund</th>
<th>Transportation Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual total revenues (budgetary basis)</td>
<td>$ 7,862,456</td>
<td>$ 5,373,094</td>
<td>$ 1,129,667</td>
</tr>
<tr>
<td>Differences – Budget to GAAP:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intrafund revenues are budgetary revenues but</td>
<td>(511,334)</td>
<td>—</td>
<td>(3,051)</td>
</tr>
<tr>
<td>are not revenues for financial reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher education and Utah Schools for the</td>
<td>(871,324)</td>
<td>(8,224)</td>
<td>—</td>
</tr>
<tr>
<td>Deaf and the Blind collections are budgetary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>revenues but are not revenues for financial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in revenue accrual for nonbudgetary</td>
<td>7,643</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Medicaid claims</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in tax accruals designated by law and</td>
<td>22,146</td>
<td>6,224</td>
<td>7,379</td>
</tr>
<tr>
<td>other liabilities are revenues for financial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>reporting but not for budgetary reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in estimated federal receivables</td>
<td>—</td>
<td>67,205</td>
<td>—</td>
</tr>
<tr>
<td>recorded as revenues for financial reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>but not for budgetary reporting</td>
<td>—</td>
<td>304</td>
<td>—</td>
</tr>
<tr>
<td>Education related collections that are</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>revenues for financial reporting but not for</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>budgetary reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total revenues as reported on the Statement</td>
<td>$ 6,509,587</td>
<td>$ 5,438,603</td>
<td>$ 1,133,995</td>
</tr>
<tr>
<td>of Revenues, Expenditures, and Changes in</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fund Balances – Governmental Funds</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditures</th>
<th>General Fund</th>
<th>Education Fund</th>
<th>Transportation Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual total expenditures (budgetary basis)</td>
<td>$ 8,730,484</td>
<td>$ 4,078,783</td>
<td>$ 998,100</td>
</tr>
<tr>
<td>Differences – Budget to GAAP:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intrafund expenditures for reimbursements</td>
<td>(511,334)</td>
<td>—</td>
<td>(3,051)</td>
</tr>
<tr>
<td>are budgetary expenditures but are not</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>expenditures for financial reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expenditures related to higher education and</td>
<td>(871,324)</td>
<td>(8,224)</td>
<td>—</td>
</tr>
<tr>
<td>Utah Schools for the Deaf and the Blind</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>collections are budgetary expenditures but</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>are not expenditures for financial reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certain budgetary transfers and other charges</td>
<td>22,047</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>are reported as an increase or reduction of</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>expenditures for financial reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leave charges budgeted as expenditures when</td>
<td>(516)</td>
<td>(15)</td>
<td>(246)</td>
</tr>
<tr>
<td>earned rather than when taken or due</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in estimated liabilities recorded as</td>
<td>—</td>
<td>68,164</td>
<td>—</td>
</tr>
<tr>
<td>expenditures for financial reporting but not</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for budgetary reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in accrual for Medicaid (incurred but</td>
<td>10,285</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>not reported) claims excluded from the budget</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>by statute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in accrual for Rehabilitation (incurred</td>
<td>866</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>but not reported) claims excluded from the</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>budget by statute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taxpayer rebates budgeted as revenue offset</td>
<td>5,800</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>but recorded as expenditures for financial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total expenditures as reported on the</td>
<td>$ 7,386,308</td>
<td>$ 4,138,708</td>
<td>$ 994,803</td>
</tr>
<tr>
<td>Statement of Revenues, Expenditures, and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Changes in Fund Balances – Governmental Funds</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Information About Budgetary Reporting is an integral part of this schedule.
Budgetary Presentation

A Budgetary Comparison Schedule is presented for the General Fund and each of the State’s major special revenue funds for which the Legislature enacts an annual budget. An annual budget is also adopted for the Transportation Investment Fund, a major capital projects fund, the Debt Service Fund, a nonmajor governmental fund, and the Alcoholic Beverage Control Fund, a nonmajor enterprise fund. The budgets are enacted through passage of Appropria-tions Acts. Budgets for specific general revenues are not adopted through an Appropriations Act, but are based on supporting estimates approved by the Executive Appropriations Committee of the Legislature. General revenues are those revenues available for appropriation for any program or purpose as allowed by law. Department-specific revenues are revenues dedicated by an Appropriations Act or restricted by other law or external grantor to a specific program or purpose.

Original budgets and related revenue estimates represent the spending authority enacted through Appropriations Acts as of June 30, 2019, and include nonlapsing carryforward balances from the prior fiscal year. Final budgets represent the original budget as amended by supplemental appropriations and related changes in revenue estimates, executive order reductions when applicable, and changes authorized or required by law when department-specific revenues either exceed or fall short of budgeted amounts.

Unexpended balances at yearend may: (1) lapse to unrestricted balances (committed, assigned, or unassigned) and be available for future appropriation; (2) lapse to restricted balances and be available for future appropriation restricted for specific purposes as defined by statute; or (3) be nonlapsing, which means balances are reported as either restricted or committed fund balance. The nonlapsing balances are considered automatically reappropriated as authorized by statute, by an Appropriations Act, or by limited encumbrances.

Budgetary Control

In September of each year, all agencies of the government submit requests for appropriations to the Governor’s Office of Management and Budget so that a budget may be prepared. The budget is prepared by fund, function, and activity and includes information on the past year, current year estimates, and requested appropriations for the next fiscal year.

In January, the Governor recommends a budget to the Legislature. The Legislature considers those recommendations and prepares a series of Appropriations Acts that modify the State budget for the current year and constitute the State budget for the following year. The Legislature passes the Appropriations Acts by a simple majority vote. The Appropriations Acts becomes the State’s authorized operating budget upon the Governor’s signature. The Constitution of Utah requires that budgeted expenditures not exceed estimated revenues and other sources of funding, including beginning balances.

Budgetary control is maintained at the functional or organizational level, as identified by numbered line items in the Appropriations Acts. Budgets may be modified if federal funding or revenue specifically dedicated for a line item exceeds original estimates in the Appropriations Acts. If funding sources are not sufficient to cover the appropriation, the Governor is required to reduce the budget by the amount of the deficiency. Any other changes to the budget must be approved by the Legislature in a supplemental Appropriations Act.

Any department that spends more than the authorized amount must submit a report explaining the overspending to the State Board of Examiners. The Board will recommend corrective action, which may include a request to the Legislature for a supplemental appropriation to cover the deficit. If a supplemental appropriation is not approved, the department must cover the overspending with the subsequent year’s budget. All appropriated budgets of the State were within their authorized spending levels.

Spending Limitation

The State also has an appropriation limitation statute that limits the growth in state appropriations. The total of the amount appropriated from unrestricted General Fund sources plus the income tax revenues appropriated for higher education is limited to the growth in population and inflation. The appropriations limitation can be exceeded only if a fiscal emergency is declared and approved by more than two-thirds of both houses of the Legislature, or if approved by a vote of the people. However, the appropriations limitation statute may be amended by a majority of both houses of the Legislature. Appropriations for debt service, emergency expenditures, amounts from other than unrestricted revenue sources, transfers to the Budgetary Reserve Account (Rainy Day Fund), Education Budget Reserve Account and the Transportation Investment Fund; or capital developments meeting certain criteria are exempt from the appropriations limitation. For the fiscal year ended June 30, 2019, the State was $597,068 million below the appropriations limitation.

INFORMATION ABOUT THE STATE’S PENSION PLANS

A. Single-employer Plans - Utah Retirement Systems

The State’s defined benefit pension systems/plan is administered by Utah Retirement Systems and is included in this Comprehensive Annual Financial Report as a pension trust fund within the fiduciary funds. The Judges System and the Utah Governors and Legislators Retirement Plan are single-employer service retirement plans.

The following schedules present for the State’s (primary government) single-employer retirement plans Changes in the Net Pension Liability and Related Ratios and Schedule of Employer Contributions.
### Changes in Net Pension Liability

#### Single-employer Plans - Utah Retirement Systems

**Last Five Calendar Years ending December 31**

*(dollars expressed in thousands)*

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Pension Liability</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Cost</td>
<td>$4,895</td>
<td>$4,794</td>
<td>$5,023</td>
<td>$5,328</td>
<td>$5,682</td>
</tr>
<tr>
<td>Interest</td>
<td>13,641</td>
<td>14,136</td>
<td>14,064</td>
<td>14,866</td>
<td>15,697</td>
</tr>
<tr>
<td>Difference between Actual and Expected Experience</td>
<td>2,602</td>
<td>171</td>
<td>1,995</td>
<td>809</td>
<td>7,873</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td>(130)</td>
<td>—</td>
<td>2,885</td>
<td>13,067</td>
<td>—</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(11,361)</td>
<td>(12,400)</td>
<td>(12,330)</td>
<td>(13,700)</td>
<td>(16,195)</td>
</tr>
<tr>
<td><strong>Net Change in Total Pension Liability</strong></td>
<td>9,647</td>
<td>6,701</td>
<td>11,637</td>
<td>20,370</td>
<td>13,057</td>
</tr>
<tr>
<td><strong>Total Pension Liability – Beginning</strong></td>
<td>182,638</td>
<td>192,285</td>
<td>198,986</td>
<td>210,623</td>
<td>230,993</td>
</tr>
<tr>
<td><strong>Total Pension Liability – Ending</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributions – Employer</td>
<td>$317</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Court Fees</td>
<td>5,627</td>
<td>6,555</td>
<td>7,382</td>
<td>7,563</td>
<td>8,091</td>
</tr>
<tr>
<td>Net Investment Income</td>
<td>11,068</td>
<td>2,842</td>
<td>13,820</td>
<td>23,435</td>
<td>(730)</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(11,361)</td>
<td>(12,400)</td>
<td>(12,330)</td>
<td>(13,621)</td>
<td>(16,111)</td>
</tr>
<tr>
<td>Administrative Expense</td>
<td>(71)</td>
<td>(71)</td>
<td>(71)</td>
<td>(79)</td>
<td>(84)</td>
</tr>
<tr>
<td>Net Transfers with Affiliated Systems</td>
<td>1,092</td>
<td>1,334</td>
<td>1,600</td>
<td>4,090</td>
<td>4,403</td>
</tr>
<tr>
<td><strong>Net Change in Plan Fiduciary Net Position</strong></td>
<td>8,158</td>
<td>(87)</td>
<td>11,871</td>
<td>22,865</td>
<td>(2,913)</td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position – Beginning</strong></td>
<td>155,676</td>
<td>163,834</td>
<td>163,747</td>
<td>175,618</td>
<td>198,483</td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position – Ending</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Pension Liability (A - B)</strong></td>
<td>$28,451</td>
<td>$35,239</td>
<td>$35,005</td>
<td>$32,510</td>
<td>$48,480</td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</strong></td>
<td>85.20%</td>
<td>82.29%</td>
<td>83.38%</td>
<td>85.93%</td>
<td>80.14%</td>
</tr>
<tr>
<td><strong>Covered Payroll</strong></td>
<td>$15,264</td>
<td>$16,372</td>
<td>$16,755</td>
<td>$18,661</td>
<td>$18,802</td>
</tr>
<tr>
<td><strong>Net Pension Liability as a Percentage of Covered Payroll</strong></td>
<td>186.39%</td>
<td>215.24%</td>
<td>208.92%</td>
<td>174.21%</td>
<td>257.84%</td>
</tr>
</tbody>
</table>

#### Utah Governors and Legislators Retirement Plan

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Pension Liability</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Cost</td>
<td>$106</td>
<td>$99</td>
<td>$90</td>
<td>$67</td>
<td>$65</td>
</tr>
<tr>
<td>Interest</td>
<td>884</td>
<td>890</td>
<td>851</td>
<td>879</td>
<td>877</td>
</tr>
<tr>
<td>Difference between Actual and Expected Experience</td>
<td>307</td>
<td>(105)</td>
<td>167</td>
<td>182</td>
<td>139</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td>—</td>
<td>—</td>
<td>241</td>
<td>264</td>
<td>—</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(909)</td>
<td>(904)</td>
<td>(941)</td>
<td>(973)</td>
<td>(978)</td>
</tr>
<tr>
<td><strong>Net Change in Total Pension Liability</strong></td>
<td>388</td>
<td>(20)</td>
<td>408</td>
<td>414</td>
<td>47</td>
</tr>
<tr>
<td><strong>Total Pension Liability – Beginning</strong></td>
<td>11,879</td>
<td>12,267</td>
<td>12,247</td>
<td>12,655</td>
<td>13,069</td>
</tr>
<tr>
<td><strong>Total Pension Liability – Ending</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributions – Employer</td>
<td>$411</td>
<td>$421</td>
<td>$421</td>
<td>$404</td>
<td>$392</td>
</tr>
<tr>
<td>Net Investment Income</td>
<td>717</td>
<td>181</td>
<td>849</td>
<td>1,353</td>
<td>(41)</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(909)</td>
<td>(904)</td>
<td>(941)</td>
<td>(973)</td>
<td>(978)</td>
</tr>
<tr>
<td>Administrative Expense</td>
<td>(5)</td>
<td>(5)</td>
<td>(4)</td>
<td>(5)</td>
<td>(5)</td>
</tr>
<tr>
<td>Net Transfers with Affiliated Systems</td>
<td>(14)</td>
<td>(20)</td>
<td>(12)</td>
<td>89</td>
<td>(51)</td>
</tr>
<tr>
<td><strong>Net Change in Plan Fiduciary Net Position</strong></td>
<td>200</td>
<td>(327)</td>
<td>313</td>
<td>868</td>
<td>(683)</td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position – Beginning</strong></td>
<td>10,166</td>
<td>10,366</td>
<td>10,039</td>
<td>10,352</td>
<td>11,220</td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position – Ending</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Pension Liability (A - B)</strong></td>
<td>$1,901</td>
<td>$2,208</td>
<td>$2,303</td>
<td>$1,849</td>
<td>$2,579</td>
</tr>
<tr>
<td><strong>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</strong></td>
<td>84.50%</td>
<td>82.99%</td>
<td>83.38%</td>
<td>85.85%</td>
<td>80.34%</td>
</tr>
<tr>
<td><strong>Covered Payroll</strong></td>
<td>$1,045</td>
<td>$946</td>
<td>$799</td>
<td>$722</td>
<td>$639</td>
</tr>
<tr>
<td><strong>Net Pension Liability as a Percentage of Covered Payroll</strong></td>
<td>181.91%</td>
<td>233.40%</td>
<td>288.24%</td>
<td>256.09%</td>
<td>403.60%</td>
</tr>
</tbody>
</table>

---

* The State of Utah adopted GASB Statement 68 in fiscal year 2015. This schedule will eventually include ten years of history.

** Employer-paid contributions for the Judges System include a 3 percent retirement increase (substantial substitute) that is not reflected in this schedule.

*** These court fees were recognized as revenue for support provided by nonemployer contributing entities.
State of Utah

Required Supplementary Information

Contributions – The following schedule presents a ten year history of the State’s (primary government) contributions to the Utah Retirement Systems for its single-employer plans:

### Employer Contributions

#### Single-employer Plans - Utah Retirement System

*(dollars expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Contractually Required Contribution</th>
<th>Contributions in Relation to the Contractually Required Contribution</th>
<th>Contribution Deficiency (Excess)</th>
<th>Covered Payroll</th>
<th>Contributions as a Percentage of Covered Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Judges System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>$ 2,427</td>
<td>$ 2,427</td>
<td>0 $ 14,203</td>
<td>17.09%</td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>$ 3,475</td>
<td>$ 3,475</td>
<td>0 $ 14,650</td>
<td>23.72%</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>$ 3,839</td>
<td>$ 3,839</td>
<td>0 $ 14,870</td>
<td>25.82%</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>$ 4,910</td>
<td>$ 4,910</td>
<td>0 $ 14,937</td>
<td>26.82%</td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>$ 5,335</td>
<td>$ 5,335</td>
<td>0 $ 14,989</td>
<td>35.59%</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>$ 6,179</td>
<td>$ 6,179</td>
<td>0 $ 15,453</td>
<td>39.99%</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>$ 7,154</td>
<td>$ 7,154</td>
<td>0 $ 17,204</td>
<td>41.58%</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>$ 7,728</td>
<td>$ 7,728</td>
<td>0 $ 18,347</td>
<td>42.12%</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>$ 7,958</td>
<td>$ 7,958</td>
<td>0 $ 18,641</td>
<td>42.69%</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>$ 8,501</td>
<td>$ 8,501</td>
<td>0 $ 19,462</td>
<td>43.68%</td>
<td></td>
</tr>
<tr>
<td><strong>Utah Governors and Legislators Retirement Plan</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>$ 153</td>
<td>$ 153</td>
<td>0 $ 771</td>
<td>19.84%</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>$ 214</td>
<td>$ 214</td>
<td>0 $ 757</td>
<td>28.27%</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>$ 252</td>
<td>$ 252</td>
<td>0 $ 1,431</td>
<td>17.61%</td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>$ 411</td>
<td>$ 411</td>
<td>0 $ 1,783</td>
<td>23.05%</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>$ 411</td>
<td>$ 411</td>
<td>0 $ 1,751</td>
<td>23.47%</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>$ 421</td>
<td>$ 421</td>
<td>0 $ 943</td>
<td>44.64%</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>$ 421</td>
<td>$ 421</td>
<td>0 $ 799</td>
<td>52.69%</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>$ 392</td>
<td>$ 392</td>
<td>0 $ 860</td>
<td>45.58%</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>$ 384</td>
<td>$ 384</td>
<td>0 $ 848</td>
<td>45.28%</td>
<td></td>
</tr>
</tbody>
</table>

1 Complete information not available prior to fiscal year 2011.

### Footnotes to Single-employer Plans - Utah Retirement Systems Schedule of Contributions

#### Methods and Assumptions Used to Determine Contribution Rates

<table>
<thead>
<tr>
<th>Actuarial cost method</th>
<th>Judges System</th>
<th>Utah Governors and Legislators Retirement Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amortization method</td>
<td>Entry Age</td>
<td>Entry Age</td>
</tr>
<tr>
<td>Amortization period</td>
<td>Level Percent of Payroll</td>
<td>Level Dollar Amount</td>
</tr>
<tr>
<td>Actuarial asset valuation method</td>
<td>Open Group 20-Year Open Period</td>
<td>Closed Group 16-Year Closed Period</td>
</tr>
</tbody>
</table>

Based on the total fair value income of investments with the excess or shortfall of actual investment income over or under the expected investment return smoothed over 5 years. One-fifth of the excess or shortfall is recognized each year for five years.

Actuarial assumptions:

- Investment rate of return: 6.95%
- Projected salary increases**: 3.25%
- Inflation rate: 2.50%
- Post-retirement cost-of-living adjustment*: 2.50%

**Mortality: (Judges):**

Male: 90% of 2017 Public Retirees of Utah (PR Utah) Mortality Table for males, projected with Scale AA from the year 2017. Female: 90% of 2017 Public Retirees of Utah (PR Utah) Mortality Table for females, projected with Scale AA from the year 2017.

**Mortality: (Utah Governors and Legislators):**

Male: 110% of 2017 Public Retirees of Utah (PR Utah) Mortality Table for males, projected with Scale AA from the year 2017. Female: 110% of 2017 Public Retirees of Utah (PR Utah) Mortality Table for females, projected with Scale AA from the year 2017.

*All post-retirement cost-of-living adjustments are noncompounding and are based on the original benefit except for Judges, which is a compounding benefit. The cost-of-living adjustments are also limited to the actual CPI increase for the year, although unused CPI increases not met may be carried forward to subsequent years.

**Composed of 2.50 percent inflation, plus 0.75 percent productivity increase rate, plus step-rate promotional increases for members with less than 25 years of service.
Other Information:  
The actuarially determined contribution rates are calculated as of January 1 and become effective on July 1 of the following year, which is 18 months after the valuation date. The Utah Retirement Systems’ Board certifies the contribution rates that employers are contractually required to contribute to the Retirement System. According to Section 49-11-301(5) of the Utah Code, if the funded ratio of the plan is less than 110 percent, then the Board is permitted to maintain the prior year’s contribution rate if the actuarially determined contribution is lower. The Board has historically followed this policy.

Significant Changes to Methods and Assumptions Used to Determine Contribution Rates:

- **Investment Rate of Return**  
  In 2008, the actuarial assumed rate of return (the discount rate) was modified from 8 to 7.75 percent, and then again in 2011 down to 7.50 percent. In 2017, the discount rate was reduced to 7.20 percent and was again reduced in 2018 to 6.95 percent. This rate is used in establishing retirement contribution rates and in determining current benefit reserve requirements.

- **Amortization**  
  Changes implemented in 2009 included amortizing 2008 losses over the next 5 years (20 percent per year) and modifying the unfunded actuarial accrued liability (UAAL) amortization period from 20 to 25 years.

- **Inflation Rate**  
  In 2017, the assumed rate of inflation was decreased from 2.75 to 2.60 percent. In 2018, the assumed rate of inflation was decreased from 2.60 to 2.50 percent.

- **Projected Salary Increases**  
  In 2019, the wage inflation assumption decreased from 3.35 to 3.25 percent and and payroll growth assumption also decreased from 3.10 to 3.00 percent.

(The remainder of this page has been intentionally left blank.)
B. Single-employer Plans - Utah Transit Authority

Utah Transit Authority (UTA) (major discrete component unit) offers its employees a single-employer non-contributory defined benefit pension plan, The Utah Transit Authority Retirement Plan and Trust (Plan), which includes all employees of UTA who are eligible and who have completed six months of service.

The following schedules present for UTA's single-employer retirement plan Changes in the Net Pension Liability and Related Ratios and Schedule of Employer Contributions.

### Changes in Net Pension Liability

**Single-employer Plan - Utah Transit Authority (discrete component unit)**

**Last Five Calendar Years ending December 31**

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Total Pension Liability</th>
<th>Plan Fiduciary Net Position</th>
<th>Net Pension Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>utah Transit Authority</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Service Cost</td>
<td>$7,284</td>
<td>$247,693</td>
<td>$100,839</td>
</tr>
<tr>
<td>Interest</td>
<td>$17,623</td>
<td>$16,745</td>
<td>$117,438</td>
</tr>
<tr>
<td>Voluntary Member Contributions</td>
<td>$276</td>
<td>$10,115</td>
<td>$112,925</td>
</tr>
<tr>
<td>Differences between expected and actual experience</td>
<td>— (1,973)</td>
<td>$11,188</td>
<td>$110,926</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td>—</td>
<td>(220)</td>
<td>106,004</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(10,181)</td>
<td>$15,366</td>
<td>$112,925</td>
</tr>
<tr>
<td>Total Pension Liability – Beginning</td>
<td>$232,691</td>
<td>$146,854</td>
<td>$100,839</td>
</tr>
<tr>
<td>Total Pension Liability – Ending</td>
<td>$247,693</td>
<td>$151,632</td>
<td>$117,438</td>
</tr>
<tr>
<td>Total Pension Liability (A - B)</td>
<td>$100,839</td>
<td>$117,438</td>
<td>12.00%</td>
</tr>
</tbody>
</table>

Contributions – The following schedule presents a ten-year history of UTA's (discrete component unit) contributions to its single-employer plan:

### Employer Contributions

**Single-employer Plans - Utah Transit Authority (discrete component unit)**

**Last Ten Calendar Years**

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Actuarial Required Contribution</th>
<th>Actual Employer Contributions</th>
<th>Contribution Deficiency (Excess)</th>
<th>Covered Payroll</th>
<th>Contributions as a Percentage of Covered Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utah Transit Authority</td>
<td>$10,658</td>
<td>$10,658</td>
<td>0</td>
<td>$88,835</td>
<td>12.00%</td>
</tr>
<tr>
<td>2010</td>
<td>$10,048</td>
<td>$10,048</td>
<td>0</td>
<td>$93,259</td>
<td>10.77%</td>
</tr>
<tr>
<td>2011</td>
<td>$10,115</td>
<td>$10,115</td>
<td>0</td>
<td>$91,265</td>
<td>11.08%</td>
</tr>
<tr>
<td>2012</td>
<td>$12,206</td>
<td>$11,646</td>
<td>560</td>
<td>$96,750</td>
<td>12.04%</td>
</tr>
<tr>
<td>2013</td>
<td>$14,352</td>
<td>$13,338</td>
<td>1,014</td>
<td>$102,100</td>
<td>13.06%</td>
</tr>
<tr>
<td>2014</td>
<td>$14,757</td>
<td>$15,367</td>
<td>(610)</td>
<td>$106,004</td>
<td>14.50%</td>
</tr>
<tr>
<td>2015</td>
<td>$16,609</td>
<td>$16,745</td>
<td>(136)</td>
<td>$110,727</td>
<td>15.12%</td>
</tr>
<tr>
<td>2016</td>
<td>$17,148</td>
<td>$19,604</td>
<td>(2,456)</td>
<td>$115,431</td>
<td>16.98%</td>
</tr>
<tr>
<td>2017</td>
<td>$20,270</td>
<td>$20,506</td>
<td>(236)</td>
<td>$126,691</td>
<td>16.19%</td>
</tr>
<tr>
<td>2018</td>
<td>$21,203</td>
<td>$22,355</td>
<td>(1,152)</td>
<td>$132,521</td>
<td>16.87%</td>
</tr>
</tbody>
</table>
Methods and Assumptions Used to Determine Contribution Rates

<table>
<thead>
<tr>
<th>Actuarial cost method</th>
<th>Entry Age Normal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amortization method</td>
<td>Level Percent of Payroll, open</td>
</tr>
<tr>
<td>Amortization period</td>
<td>18 years</td>
</tr>
<tr>
<td>Actuarial asset valuation method</td>
<td>5-year smoothed market less unrealized</td>
</tr>
<tr>
<td>Actuarial assumptions:</td>
<td></td>
</tr>
<tr>
<td>Investment rate of return</td>
<td>7.00%, net of investment expenses</td>
</tr>
<tr>
<td>Projected salary increases</td>
<td>5.40% per annum for the first five years of employment; 3.40% per annum thereafter</td>
</tr>
<tr>
<td>Inflation rate</td>
<td>2.30%</td>
</tr>
<tr>
<td>Cost-of-living adjustment</td>
<td>None</td>
</tr>
<tr>
<td>Retirement Age</td>
<td>Table of Rates by Age and Eligibility</td>
</tr>
<tr>
<td>Mortality</td>
<td>RP-2014 Blue Collar Mortality Table, with MP-2014 projection scale (Preretirement; Employee Table; Post-retirement Annuitant Table)</td>
</tr>
</tbody>
</table>

Other Information:
The valuation date is January 1, 2018. This is the date as of which the actuarial valuation is performed. The measurement date is December 31, 2018. This is the date as of which the net pension liability is determined. The reporting date is December 31, 2018. This is the employer’s fiscal year ending date.

Money-Weighted Rate of Return - 10 Years
The money-weighted rate of return considers the changing amounts actually invested during a period and weights the amount of pension plan investments by the proportion of time they are available to return during that period. External cash flows are determined on a monthly basis and are assumed to occur at the middle of each month. External cash inflows are netted with external cash outflows, resulting in a net external cash flow each month. The money-weighted rate of return is calculated net of investment expenses.

Schedule of Investment Returns
Single-employer Plans - Utah Transit Authority

<table>
<thead>
<tr>
<th>Last Ten Calendar Years</th>
<th>Calendar Year*</th>
<th>Annual Money-Weighted Rate of Return (Net of Investment Expense)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utah Transit Authority</td>
<td>2009</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2010</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2014</td>
<td>4.31 %</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>(0.72)%</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>4.90 %</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>18.01 %</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>(7.77)%</td>
</tr>
</tbody>
</table>

* Utah Transit Authority adopted GASB Statements 74, 75, and 85 in calendar year 2014. This schedule will eventually include ten years of history.
C. Multiple-employer Systems - Utah Retirement Systems

The State’s defined benefit pension systems are administered by Utah Retirement Systems and are included in this Comprehensive Annual Financial Report as a pension trust fund within the fiduciary funds. The Noncontributory System, Contributory System, Public Safety System, Firefighters System, Tier 2 Public Employees System, and Tier 2 Public Safety and Firefighters System are defined-benefit multiple-employer, cost-sharing, public employee retirement systems.

The following schedule presents the State’s (primary government) proportionate share of the net pension liability for its multiple-employer, cost-sharing public employee employer retirement systems:

### Changes in Net Pension Liability
#### Multiple-employer Plans

**Last Four Calendar Years ending December 31***

*(dollars expressed in thousands)*

<table>
<thead>
<tr>
<th>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noncontributory System</td>
<td>24.07%</td>
<td>23.84%</td>
<td>24.46%</td>
<td>23.46%</td>
<td>23.02%</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset)</td>
<td>$634,576</td>
<td>$748,863</td>
<td>$792,635</td>
<td>$573,675</td>
<td>$856,314</td>
</tr>
<tr>
<td>Covered Payroll</td>
<td>$645,747</td>
<td>$630,251</td>
<td>$639,263</td>
<td>$598,938</td>
<td>$585,155</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset) as a Percentage of Covered Payroll</td>
<td>93.65%</td>
<td>118.82%</td>
<td>123.99%</td>
<td>95.78%</td>
<td>145.34%</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</td>
<td>87.20%</td>
<td>87.20%</td>
<td>84.90%</td>
<td>89.20%</td>
<td>84.10%</td>
</tr>
<tr>
<td>Contributory System</td>
<td>34.02%</td>
<td>32.52%</td>
<td>30.90%</td>
<td>30.98%</td>
<td>28.85%</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset)</td>
<td>$3,731</td>
<td>$20,378</td>
<td>$16,932</td>
<td>$2,039</td>
<td>$20,484</td>
</tr>
<tr>
<td>Covered Payroll</td>
<td>$12,280</td>
<td>$10,301</td>
<td>$8,283</td>
<td>$7,049</td>
<td>$5,599</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset) as a Percentage of Covered Payroll</td>
<td>30.38%</td>
<td>197.83%</td>
<td>204.42%</td>
<td>28.93%</td>
<td>365.85%</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</td>
<td>98.70%</td>
<td>92.40%</td>
<td>93.40%</td>
<td>99.20%</td>
<td>91.40%</td>
</tr>
<tr>
<td>Public Safety System</td>
<td>98.11%</td>
<td>97.81%</td>
<td>97.73%</td>
<td>97.53%</td>
<td>97.56%</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset)</td>
<td>$182,306</td>
<td>$210,570</td>
<td>$208,964</td>
<td>$169,585</td>
<td>$233,535</td>
</tr>
<tr>
<td>Covered Payroll</td>
<td>$111,391</td>
<td>$109,909</td>
<td>$112,155</td>
<td>$107,429</td>
<td>$106,255</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset) as a Percentage of Covered Payroll</td>
<td>163.66%</td>
<td>191.59%</td>
<td>186.32%</td>
<td>157.86%</td>
<td>219.79%</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</td>
<td>84.30%</td>
<td>82.30%</td>
<td>83.50%</td>
<td>87.40%</td>
<td>83.20%</td>
</tr>
<tr>
<td>Firefighters System</td>
<td>2.59%</td>
<td>3.90%</td>
<td>4.30%</td>
<td>3.84%</td>
<td>3.80%</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset)</td>
<td>$(148)</td>
<td>$(71)</td>
<td>$(34)</td>
<td>$(240)</td>
<td>$494</td>
</tr>
<tr>
<td>Covered Payroll</td>
<td>$(851)</td>
<td>$(1,047)</td>
<td>$(1,208)</td>
<td>$(1,123)</td>
<td>$(1,123)</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset) as a Percentage of Covered Payroll</td>
<td>(17.39)%</td>
<td>(6.78)%</td>
<td>(2.81)%</td>
<td>(21.37)%</td>
<td>42.04%</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</td>
<td>103.50%</td>
<td>101.00%</td>
<td>100.40%</td>
<td>103.00%</td>
<td>94.30%</td>
</tr>
<tr>
<td>Tier 2 Public Employees System</td>
<td>17.95%</td>
<td>17.66%</td>
<td>19.04%</td>
<td>18.41%</td>
<td>18.15%</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset)</td>
<td>$(544)</td>
<td>$(39)</td>
<td>$2,123</td>
<td>$1,623</td>
<td>$7,772</td>
</tr>
<tr>
<td>Covered Payroll</td>
<td>$(88,068)</td>
<td>$114,106</td>
<td>$156,103</td>
<td>$180,218</td>
<td>$211,942</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset) as a Percentage of Covered Payroll</td>
<td>0.62%</td>
<td>0.03%</td>
<td>1.36%</td>
<td>0.90%</td>
<td>3.67%</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</td>
<td>103.50%</td>
<td>100.20%</td>
<td>100.40%</td>
<td>103.00%</td>
<td>94.30%</td>
</tr>
<tr>
<td>Tier 2 Public Safety and Firefighters System</td>
<td>26.64%</td>
<td>25.84%</td>
<td>26.95%</td>
<td>25.32%</td>
<td>24.07%</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset)</td>
<td>$(394)</td>
<td>$(377)</td>
<td>$(234)</td>
<td>$(293)</td>
<td>$(603)</td>
</tr>
<tr>
<td>Covered Payroll</td>
<td>$(11,011)</td>
<td>$15,378</td>
<td>$22,263</td>
<td>$26,727</td>
<td>$32,199</td>
</tr>
<tr>
<td>Proportionate Share of the Net Pension Liability (Asset) as a Percentage of Covered Payroll</td>
<td>3.58%</td>
<td>2.45%</td>
<td>1.05%</td>
<td>1.10%</td>
<td>1.87%</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability...</td>
<td>120.50%</td>
<td>110.70%</td>
<td>103.60%</td>
<td>103.00%</td>
<td>95.60%</td>
</tr>
</tbody>
</table>

* The State of Utah adopted GASB Statement 68 in fiscal year 2015. This schedule will eventually include ten years of history.
**Contributions** - The following schedule presents a ten year history of the State’s (primary government) contributions to the Utah Retirement Systems for its multiple-employer, cost-sharing public employee employer retirement systems:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Contractually Required Contribution</th>
<th>Contributions in Relation to the Contractually Required Contribution</th>
<th>Contribution Deficiency (Excess)</th>
<th>Covered Payroll</th>
<th>Contributions as a Percentage of Covered Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Noncontributory System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>$103,548</td>
<td>$103,548</td>
<td>$0</td>
<td>$728,183</td>
<td>14.22%</td>
</tr>
<tr>
<td>2011</td>
<td>$117,029</td>
<td>$117,029</td>
<td>$0</td>
<td>$717,445</td>
<td>16.31%</td>
</tr>
<tr>
<td>2012</td>
<td>$116,876</td>
<td>$116,876</td>
<td>$0</td>
<td>$705,969</td>
<td>16.56%</td>
</tr>
<tr>
<td>2013</td>
<td>$129,519</td>
<td>$129,519</td>
<td>$0</td>
<td>$681,504</td>
<td>19.00%</td>
</tr>
<tr>
<td>2014</td>
<td>$139,990</td>
<td>$139,990</td>
<td>$0</td>
<td>$656,413</td>
<td>21.33%</td>
</tr>
<tr>
<td>2015</td>
<td>$139,126</td>
<td>$139,126</td>
<td>$0</td>
<td>$636,665</td>
<td>21.85%</td>
</tr>
<tr>
<td>2016</td>
<td>$136,246</td>
<td>$136,246</td>
<td>$0</td>
<td>$623,605</td>
<td>21.85%</td>
</tr>
<tr>
<td>2017</td>
<td>$138,041</td>
<td>$138,041</td>
<td>$0</td>
<td>$631,040</td>
<td>21.88%</td>
</tr>
<tr>
<td>2018</td>
<td>$129,414</td>
<td>$129,414</td>
<td>$0</td>
<td>$591,404</td>
<td>21.88%</td>
</tr>
<tr>
<td>2019</td>
<td>$126,809</td>
<td>$126,809</td>
<td>$0</td>
<td>$579,713</td>
<td>21.87%</td>
</tr>
<tr>
<td><strong>Contributory System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>$2,062</td>
<td>$2,062</td>
<td>$0</td>
<td>$21,188</td>
<td>9.73%</td>
</tr>
<tr>
<td>2011</td>
<td>$2,154</td>
<td>$2,154</td>
<td>$0</td>
<td>$18,204</td>
<td>11.83%</td>
</tr>
<tr>
<td>2012</td>
<td>$2,012</td>
<td>$2,012</td>
<td>$0</td>
<td>$16,266</td>
<td>12.37%</td>
</tr>
<tr>
<td>2013</td>
<td>$2,129</td>
<td>$2,129</td>
<td>$0</td>
<td>$14,919</td>
<td>14.27%</td>
</tr>
<tr>
<td>2014</td>
<td>$2,114</td>
<td>$2,114</td>
<td>$0</td>
<td>$13,238</td>
<td>15.97%</td>
</tr>
<tr>
<td>2015</td>
<td>$1,985</td>
<td>$1,985</td>
<td>$0</td>
<td>$11,215</td>
<td>17.70%</td>
</tr>
<tr>
<td>2016</td>
<td>$1,623</td>
<td>$1,623</td>
<td>$0</td>
<td>$9,171</td>
<td>17.70%</td>
</tr>
<tr>
<td>2017</td>
<td>$1,373</td>
<td>$1,373</td>
<td>$0</td>
<td>$7,756</td>
<td>17.70%</td>
</tr>
<tr>
<td>2018</td>
<td>$1,118</td>
<td>$1,118</td>
<td>$0</td>
<td>$6,317</td>
<td>17.70%</td>
</tr>
<tr>
<td>2019</td>
<td>$863</td>
<td>$863</td>
<td>$0</td>
<td>$4,875</td>
<td>17.70%</td>
</tr>
<tr>
<td><strong>Public Safety System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>$34,297</td>
<td>$34,297</td>
<td>$0</td>
<td>$113,776</td>
<td>30.14%</td>
</tr>
<tr>
<td>2011</td>
<td>$36,418</td>
<td>$36,418</td>
<td>$0</td>
<td>$111,277</td>
<td>32.73%</td>
</tr>
<tr>
<td>2012</td>
<td>$38,733</td>
<td>$38,733</td>
<td>$0</td>
<td>$118,083</td>
<td>32.80%</td>
</tr>
<tr>
<td>2013</td>
<td>$42,054</td>
<td>$42,054</td>
<td>$0</td>
<td>$115,261</td>
<td>36.49%</td>
</tr>
<tr>
<td>2014</td>
<td>$44,472</td>
<td>$44,472</td>
<td>$0</td>
<td>$112,858</td>
<td>39.41%</td>
</tr>
<tr>
<td>2015</td>
<td>$43,893</td>
<td>$43,893</td>
<td>$0</td>
<td>$110,125</td>
<td>39.86%</td>
</tr>
<tr>
<td>2016</td>
<td>$43,850</td>
<td>$43,850</td>
<td>$0</td>
<td>$109,288</td>
<td>40.12%</td>
</tr>
<tr>
<td>2017</td>
<td>$44,808</td>
<td>$44,808</td>
<td>$0</td>
<td>$111,465</td>
<td>40.20%</td>
</tr>
<tr>
<td>2018</td>
<td>$43,333</td>
<td>$43,333</td>
<td>$0</td>
<td>$107,565</td>
<td>40.29%</td>
</tr>
<tr>
<td>2019</td>
<td>$42,189</td>
<td>$42,189</td>
<td>$0</td>
<td>$104,652</td>
<td>40.31%</td>
</tr>
<tr>
<td><strong>Firefighters System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2011</td>
<td>$13</td>
<td>$13</td>
<td>$0</td>
<td>$777</td>
<td>1.67%</td>
</tr>
<tr>
<td>2012</td>
<td>$5</td>
<td>$5</td>
<td>$0</td>
<td>$1,021</td>
<td>0.49%</td>
</tr>
<tr>
<td>2013</td>
<td>$27</td>
<td>$27</td>
<td>$0</td>
<td>$1,033</td>
<td>2.61%</td>
</tr>
<tr>
<td>2014</td>
<td>$22</td>
<td>$22</td>
<td>$0</td>
<td>$935</td>
<td>2.35%</td>
</tr>
<tr>
<td>2015</td>
<td>$34</td>
<td>$34</td>
<td>$0</td>
<td>$897</td>
<td>3.79%</td>
</tr>
<tr>
<td>2016</td>
<td>$46</td>
<td>$46</td>
<td>$0</td>
<td>$1,164</td>
<td>3.95%</td>
</tr>
<tr>
<td>2017</td>
<td>$47</td>
<td>$47</td>
<td>$0</td>
<td>$1,216</td>
<td>3.87%</td>
</tr>
<tr>
<td>2018</td>
<td>$43</td>
<td>$43</td>
<td>$0</td>
<td>$1,086</td>
<td>3.96%</td>
</tr>
<tr>
<td>2019</td>
<td>$58</td>
<td>$58</td>
<td>$0</td>
<td>$1,260</td>
<td>4.60%</td>
</tr>
<tr>
<td><strong>Tier 2 Public Employees System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2011</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2012</td>
<td>$1,492</td>
<td>$1,492</td>
<td>$0</td>
<td>$19,662</td>
<td>7.59%</td>
</tr>
<tr>
<td>2013</td>
<td>$4,395</td>
<td>$4,395</td>
<td>$0</td>
<td>$51,339</td>
<td>8.56%</td>
</tr>
<tr>
<td>2014</td>
<td>$6,390</td>
<td>$6,390</td>
<td>$0</td>
<td>$75,172</td>
<td>8.50%</td>
</tr>
</tbody>
</table>
### Employer Contributions
#### Multiple-employer Plans (continued)

*dollars expressed in thousands*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Contractually Required Contribution</th>
<th>Contributions in Relation to the Contractually Required Contribution</th>
<th>Contribution Deficiency (Excess)</th>
<th>Covered Payroll</th>
<th>Contributions as a Percentage of Covered Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>$18,280</td>
<td>$18,280</td>
<td>$0</td>
<td>$100,055</td>
<td>18.27%</td>
</tr>
<tr>
<td>2016</td>
<td>$24,358</td>
<td>$24,358</td>
<td>$0</td>
<td>$133,543</td>
<td>18.24%</td>
</tr>
<tr>
<td>2017</td>
<td>$31,467</td>
<td>$31,467</td>
<td>$0</td>
<td>$172,519</td>
<td>18.24%</td>
</tr>
<tr>
<td>2018</td>
<td>$36,277</td>
<td>$36,277</td>
<td>$0</td>
<td>$196,807</td>
<td>18.43%</td>
</tr>
<tr>
<td>2019</td>
<td>$44,102</td>
<td>$44,102</td>
<td>$0</td>
<td>$233,714</td>
<td>18.87%</td>
</tr>
</tbody>
</table>

#### Tier 2 Public Safety and Firefighters System

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Contractually Required Contribution</th>
<th>Contributions in Relation to the Contractually Required Contribution</th>
<th>Contribution Deficiency (Excess)</th>
<th>Covered Payroll</th>
<th>Contributions as a Percentage of Covered Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2011</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2012</td>
<td>$56</td>
<td>$56</td>
<td>$0</td>
<td>$536</td>
<td>10.45%</td>
</tr>
<tr>
<td>2013</td>
<td>$506</td>
<td>$506</td>
<td>$0</td>
<td>$4,558</td>
<td>11.10%</td>
</tr>
<tr>
<td>2014</td>
<td>$1,002</td>
<td>$1,002</td>
<td>$0</td>
<td>$9,091</td>
<td>11.02%</td>
</tr>
<tr>
<td>2015</td>
<td>$3,711</td>
<td>$3,711</td>
<td>$0</td>
<td>$12,751</td>
<td>29.10%</td>
</tr>
<tr>
<td>2016</td>
<td>$5,349</td>
<td>$5,349</td>
<td>$0</td>
<td>$18,448</td>
<td>29.00%</td>
</tr>
<tr>
<td>2017</td>
<td>$7,248</td>
<td>$7,248</td>
<td>$0</td>
<td>$24,965</td>
<td>29.03%</td>
</tr>
<tr>
<td>2018</td>
<td>$8,534</td>
<td>$8,534</td>
<td>$0</td>
<td>$29,390</td>
<td>29.04%</td>
</tr>
<tr>
<td>2019</td>
<td>$10,266</td>
<td>$10,266</td>
<td>$0</td>
<td>$34,716</td>
<td>29.57%</td>
</tr>
</tbody>
</table>

### Footnotes to Multiple-employer Systems Schedule of Contributions

This schedule reflects the legislative authorized rates and contributions for these systems. Tier 2 rates include a statutory required contribution (0.08 to 18.54 percent amortization rate) to finance the unfunded actuarial accrued liability of the non-Tier 2 plans.

Significant Changes to Methods and Assumptions Used to Determine Contribution Rates:

- **Investment Rate of Return**
  
  In 2008, the actuarial assumed rate of return (the discount rate) was modified from 8 to 7.75 percent, and then again in 2011 down to 7.50 percent. In 2017, the discount rate was reduced to 7.20 percent and was again reduced in 2018 to 6.95 percent. This rate is used in establishing retirement contribution rates and in determining current benefit reserve requirements.

- **Amortization**
  
  Changes implemented in 2009 included amortizing 2008 losses over the next 5 years (20 percent per year) and modifying the unfunded actuarial accrued liability (UAAL) amortization period from 20 to 25 years.

- **Inflation Rate**
  
  In 2017, the assumed rate of inflation was decreased from 2.75 to 2.60 percent. In 2018, the assumed rate of inflation was decreased from 2.60 to 2.50 percent.

- **Projected Salary Increases**
  
  In 2019, the wage inflation assumption decreased from 3.35 to 3.25 percent and the payroll growth assumption also decreased from 3.10 to 3.00 percent.

### New Retirement Plans:

During the 2010 General Session, the Legislature passed Senate Bill 63, *New Public Employees’ Tier 2 Contributory Retirement Act*. All eligible employees beginning on or after July 1, 2011, who have no previous service credit with any of the Utah Retirement Systems, are members of the Tier 2 Retirement Systems.

### Restatement:

As a result of implementing GASB Statement 82, Pension Issues, payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements are no longer reflected in this schedule.

*(The remainder of this page has been intentionally left blank.)*
The State of Utah administers two single-employer Other Postemployment Benefit (OPEB) Plans, the State Employee OPEB Plan and the Elected Official OPEB Plan. The State Employee OPEB Plan and the Elected Official OPEB Plan are administered through two separate irrevocable trusts; the State Post-Retirement Benefits Trust Fund and Elected Official Post-Retirement Benefits Trust Fund, respectively. Assets of the trust funds are dedicated to providing postemployment health and life insurance coverage to current and eligible future state retirees and elected officials.

The following schedules present, for the State’s (primary government) single-employer OPEB Plans, the Changes in the Net OPEB Liability and Related Ratios, Schedule of Employer Contributions, and Schedule of Investment Returns.

### Changes in Net OPEB Liability

#### State Employee OPEB Plan

<table>
<thead>
<tr>
<th>Fiscal Year *</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total OPEB Liability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Cost</td>
<td>$5,189</td>
<td>$5,063</td>
<td>$4,939</td>
</tr>
<tr>
<td>Interest</td>
<td>12,749</td>
<td>13,219</td>
<td>13,661</td>
</tr>
<tr>
<td>Difference between Actual and Expected Experience</td>
<td>(28,055)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td>31,163</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(30,560)</td>
<td>(31,339)</td>
<td>(30,158)</td>
</tr>
<tr>
<td>Net Change in Total OPEB Liability</td>
<td>(9,514)</td>
<td>(13,057)</td>
<td>(11,558)</td>
</tr>
<tr>
<td>Total OPEB Liability – Beginning</td>
<td>349,916</td>
<td>362,973</td>
<td>374,531</td>
</tr>
<tr>
<td>Total OPEB Liability – Ending</td>
<td>$340,402</td>
<td>$349,916</td>
<td>$362,973</td>
</tr>
</tbody>
</table>

#### Plan Fiduciary Net Position

<table>
<thead>
<tr>
<th>Fiscal Year *</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributions – Employee</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Contributions – Employer</td>
<td>26,510</td>
<td>29,735</td>
<td>33,361</td>
</tr>
<tr>
<td>Net Investment Income (Loss)</td>
<td>24,082</td>
<td>(2,065)</td>
<td>14,194</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(30,560)</td>
<td>(31,339)</td>
<td>(30,158)</td>
</tr>
<tr>
<td>Administrative Expense</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Net Change in Plan Fiduciary Net Position</td>
<td>20,388</td>
<td>(2,708)</td>
<td>17,397</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position – Beginning</td>
<td>251,464</td>
<td>254,172</td>
<td>236,775</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position – Ending</td>
<td>$271,852</td>
<td>$251,464</td>
<td>$254,172</td>
</tr>
</tbody>
</table>

#### Net OPEB Liability

<table>
<thead>
<tr>
<th>Fiscal Year *</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net OPEB Liability (A - B)</td>
<td>$68,550</td>
<td>$98,452</td>
<td>$108,801</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability</td>
<td>79.86%</td>
<td>71.86%</td>
<td>70.03%</td>
</tr>
<tr>
<td>Covered Payroll **</td>
<td>$1,032,288</td>
<td>$994,839</td>
<td>$966,279</td>
</tr>
<tr>
<td>Net OPEB Liability as a Percentage of Covered Payroll</td>
<td>6.64%</td>
<td>9.90%</td>
<td>11.26%</td>
</tr>
</tbody>
</table>

#### Elected Official OPEB Plan

<table>
<thead>
<tr>
<th>Fiscal Year *</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total OPEB Liability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Cost</td>
<td>$733</td>
<td>$715</td>
<td>$698</td>
</tr>
<tr>
<td>Interest</td>
<td>908</td>
<td>850</td>
<td>789</td>
</tr>
<tr>
<td>Difference between Actual and Expected Experience</td>
<td>(245)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Assumption Changes</td>
<td>(347)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(412)</td>
<td>(534)</td>
<td>(503)</td>
</tr>
<tr>
<td>Net Change in Total OPEB Liability</td>
<td>637</td>
<td>1,031</td>
<td>984</td>
</tr>
<tr>
<td>Total OPEB Liability – Beginning</td>
<td>16,766</td>
<td>15,735</td>
<td>14,751</td>
</tr>
<tr>
<td>Total OPEB Liability – Ending</td>
<td>$17,403</td>
<td>$16,766</td>
<td>$15,735</td>
</tr>
</tbody>
</table>

#### Plan Fiduciary Net Position

<table>
<thead>
<tr>
<th>Fiscal Year *</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributions – Employee</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Contributions – Employer</td>
<td>1,388</td>
<td>1,388</td>
<td>1,388</td>
</tr>
<tr>
<td>Net Investment Income</td>
<td>1,287</td>
<td>667</td>
<td>1,214</td>
</tr>
<tr>
<td>Benefit Payments</td>
<td>(412)</td>
<td>(534)</td>
<td>(503)</td>
</tr>
<tr>
<td>Administrative Expense</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Net Change in Plan Fiduciary Net Position</td>
<td>2,263</td>
<td>1,522</td>
<td>2,099</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position – Beginning</td>
<td>13,602</td>
<td>12,080</td>
<td>9,981</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position – Ending</td>
<td>$15,865</td>
<td>$13,602</td>
<td>$12,080</td>
</tr>
</tbody>
</table>

#### Net OPEB Liability

<table>
<thead>
<tr>
<th>Fiscal Year *</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net OPEB Liability (A - B)</td>
<td>$1,538</td>
<td>$3,164</td>
<td>$3,655</td>
</tr>
<tr>
<td>Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability</td>
<td>91.16%</td>
<td>81.13%</td>
<td>76.77%</td>
</tr>
<tr>
<td>Covered-employee Payroll **</td>
<td>$1,317</td>
<td>$1,421</td>
<td>$1,478</td>
</tr>
<tr>
<td>Net OPEB Liability as a Percentage of Covered-employee Payroll</td>
<td>116.78%</td>
<td>222.66%</td>
<td>247.29%</td>
</tr>
</tbody>
</table>

* The State of Utah adopted GASB Statements 74, 75, and 85 in fiscal year 2017. This schedule will eventually include ten years of history.

** Contributions to the State Employee Plan are based on a measure of pay, therefore covered payroll is presented in the schedule. Contributions to the Elected Official OPEB Plan are based on appropriations and not on a measure of pay; therefore, for that plan the covered-employee payroll is presented.
**Employer Contributions – OPEB Plans**

**Single-employer Plans**

*(expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Actuarially Determined Contribution</th>
<th>Contributions in Relation to the Actuarially Determined Contribution</th>
<th>Contribution Deficiency (Excess)</th>
<th>Covered Payroll*</th>
<th>Contributions as a Percentage of Covered Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Employee OPEB Plan.......</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>$43,819</td>
<td>$43,819</td>
<td>$0</td>
<td>$868,215</td>
<td>5.05%</td>
</tr>
<tr>
<td>2011</td>
<td>$43,819</td>
<td>$43,819</td>
<td>$0</td>
<td>$870,590</td>
<td>5.03%</td>
</tr>
<tr>
<td>2012</td>
<td>$37,594</td>
<td>$43,293</td>
<td>$(5,699)</td>
<td>$866,012</td>
<td>5.00%</td>
</tr>
<tr>
<td>2013</td>
<td>$37,594</td>
<td>$38,070</td>
<td>$(476)</td>
<td>$874,401</td>
<td>4.35%</td>
</tr>
<tr>
<td>2014</td>
<td>$30,342</td>
<td>$30,342</td>
<td>$0</td>
<td>$888,806</td>
<td>3.41%</td>
</tr>
<tr>
<td>2015</td>
<td>$30,342</td>
<td>$30,342</td>
<td>$0</td>
<td>$905,895</td>
<td>3.35%</td>
</tr>
<tr>
<td>2016</td>
<td>$29,100</td>
<td>$35,683</td>
<td>$(6,583)</td>
<td>$942,630</td>
<td>3.79%</td>
</tr>
<tr>
<td>2017</td>
<td>$29,100</td>
<td>$33,361</td>
<td>$(4,261)</td>
<td>$966,279</td>
<td>3.45%</td>
</tr>
<tr>
<td>2018</td>
<td>$29,100</td>
<td>$29,735</td>
<td>$(635)</td>
<td>$994,839</td>
<td>2.99%</td>
</tr>
<tr>
<td>2019</td>
<td>$25,928</td>
<td>$26,510</td>
<td>$(582)</td>
<td>$1,032,288</td>
<td>2.57%</td>
</tr>
<tr>
<td>Elected Official OPEB Plan.......</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2011</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2012</td>
<td>$1,894</td>
<td>$3,470</td>
<td>$(1,576)</td>
<td>$757</td>
<td>458.39%</td>
</tr>
<tr>
<td>2013</td>
<td>$1,894</td>
<td>$2,030</td>
<td>$(136)</td>
<td>$1,431</td>
<td>141.86%</td>
</tr>
<tr>
<td>2014</td>
<td>$1,321</td>
<td>$2,030</td>
<td>$(709)</td>
<td>$1,783</td>
<td>113.85%</td>
</tr>
<tr>
<td>2015</td>
<td>$1,321</td>
<td>$1,388</td>
<td>$(67)</td>
<td>$1,751</td>
<td>79.27%</td>
</tr>
<tr>
<td>2016</td>
<td>$1,241</td>
<td>$1,388</td>
<td>$(147)</td>
<td>$1,661</td>
<td>83.56%</td>
</tr>
<tr>
<td>2017</td>
<td>$1,241</td>
<td>$1,388</td>
<td>$(147)</td>
<td>$1,478</td>
<td>93.91%</td>
</tr>
<tr>
<td>2018</td>
<td>$1,241</td>
<td>$1,388</td>
<td>$(147)</td>
<td>$1,421</td>
<td>97.68%</td>
</tr>
<tr>
<td>2019</td>
<td>$1,026</td>
<td>$1,388</td>
<td>$(362)</td>
<td>$1,317</td>
<td>105.39%</td>
</tr>
</tbody>
</table>

*Contributions to the State Employee OPEB Plan are based on a measure of pay, therefore covered payroll is presented in the above schedule. Contributions to the Elected Official OPEB Plan are based on appropriations and not on a measure of pay; therefore, the covered-employee payroll is presented for that plan.*

**Footnotes to Single-employer OPEB Plans Schedule of Contributions**

- Only the last eight years of data, measured in conformity with the latest GASB Statements, is available for the Elected Official OPEB Plan.
- The Actuarially Determined Contribution (ADC) is calculated biennially as of December 31 and is used to establish contributions to fund the plans on July 1, which is generally the fiscal year that begins 6 months after the valuation date. The OPEB Board recommends the ADC to the Governor and Legislature. The Legislature has historically fully funded the ADC.
- The State Employee OPEB Plan was closed to new entrants beginning January 1, 2006. This change to benefit terms was reflected in the subsequent December 31 valuation and reflected in the fiscal year 2010 ADC.
- Healthcare coverage (ages 62 to 65) for the Elected Official OPEB Plan was closed and is only available for elected officials who began service prior to January 1, 2012. This change to healthcare coverage was reflected in the fiscal year 2012 ADC. Benefit terms...
Significant Changes to Methods and Assumptions Used to Determine Contribution Rates:

- **Investment Rate of Return**
  
  In fiscal year 2012, the actuarial assumed rate of return (the discount rate) for the State Employee OPEB Plan was modified from 6.00 to 4.50 percent. In fiscal year 2014, the discount rate for the Elected Official OPEB Plan was modified from 4.00 to 4.50 percent. In fiscal year 2015, the discount rate for the Elected Official OPEB Plan was modified from 4.50 to 5.25 percent. In fiscal year 2019, the discount rate for the State Employee OPEB Plan was modified from 3.75 to 3.00 percent.

- **Amortization Period**
  
  In fiscal year 2012, the amortization period for the State Employee OPEB Plan was changed from a 25 year open to a 20 year open. The amortization period for State Employee OPEB Plan was changed again in fiscal year 2014 from a 20 year open to a 10 year open. In fiscal year 2012, the amortization period for the Elected Official OPEB Plan was changed from a 30 year open to a 20 year open. In fiscal year 2019, the amortization period for the Elected Official OPEB Plan was changed again from a 20 year open to a 10 year open.

- **Healthcare Cost Trend Rates**
  
  In fiscal year 2012, for both Plans, the health care cost trend rate changed from an initial rate of 10 to 9.50 percent. In fiscal year 2014, the healthcare cost trend rate changed from an initial rate of 9.50 to 8.50 percent, and changed again in fiscal year 2016 to an initial rate of 5.20 percent. In fiscal year 2016 the healthcare cost trend rate changed from an ultimate rate of 4.50 to 4.20 percent. In fiscal year 2019, the health care trend rate assumption was updated to reflect the latest cost trend model, resulting in a decrease of the initial and ultimate rates from 5.90 to 5.40 percent and 4.14 to 3.94 percent, respectively.

- **Other**
  
  In fiscal year 2019, the Per Capita Claims Costs (PCCC) aging factors were updated for pre-Medicare and post-Medicare retirees. The pre-Medicare PCCC now vary by age instead of 5-year age bands used in the prior valuation. Additionally, the post-Medicare PCCC varied by 5-year age bands in the prior valuation, but they are now based on the annualized premium rates provided for Medicare Supplement 100 and Enhanced Rx.

### OPEB Plans

#### Schedule of Investment Returns

<table>
<thead>
<tr>
<th>Single-employer Plans</th>
<th>Fiscal Year</th>
<th>Annual Money-Weighted Rate of Return (Net of Investment Expense)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>State Employee OPEB Plan</strong></td>
<td>2010</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2014</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>5.79 %</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>(0.43)%</td>
</tr>
<tr>
<td></td>
<td>2019</td>
<td>9.72 %</td>
</tr>
<tr>
<td><strong>Elected Official OPEB Plan</strong></td>
<td>2010</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2014</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>11.24 %</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>5.09 %</td>
</tr>
<tr>
<td></td>
<td>2019</td>
<td>11.65 %</td>
</tr>
</tbody>
</table>

* The State of Utah adopted GASB Statements 74, 75, and 85 in fiscal year 2017. This schedule will eventually include ten years of history.
As allowed by the Governmental Accounting Standards Board (GASB), the State has adopted an alternative to reporting depreciation on roads and bridges (infrastructure assets) maintained by the Utah Department of Transportation (UDOT). This includes infrastructure acquired prior to fiscal year 1981. Under this alternative method, referred to as the “modified approach,” infrastructure assets are not depreciated, and maintenance and preservation costs are expensed.

In order to utilize the modified approach, the State is required to:

- Maintain an asset management system that includes an up-to-date inventory of eligible infrastructure assets.
- Perform and document replicable condition assessments of the eligible infrastructure assets and summarize the results using a measurement scale.
- Estimate each year the annual amount to maintain and preserve the eligible infrastructure assets at the condition level established and disclosed by the State.
- Document that infrastructure assets are being preserved approximately at, or above the condition level established by the State.

**Roads**

UDOT uses the Pavement Management System to determine the condition of 5,787 centerline miles of state roads. The assessment is based on Ride Quality, using the International Roughness Index (IRI) data. This data is also reported to the Federal Highways Administration (FHWA) and used for the National Condition Assessment reported to Congress. Ranges for Good, Fair and Poor condition were established to correlate with the national FHWA ranges. Additional condition measures for age, wheel path rutting, and surface cracking are considered in project recommendations.

<table>
<thead>
<tr>
<th>Category</th>
<th>IRI Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>&lt; 95</td>
<td>Pavements that provide a smooth ride and typically exhibit few signs of visible distress suitable for surface seals and preservation.</td>
</tr>
<tr>
<td>Fair</td>
<td>95 to 170</td>
<td>Pavements with noticeable deterioration beginning to affect the ride in need of resurfacing.</td>
</tr>
<tr>
<td>Poor</td>
<td>&gt; 170</td>
<td>Pavements with an unacceptable ride that have deteriorated to such an extent that they are in need of major rehabilitation.</td>
</tr>
</tbody>
</table>

**Condition Level – Roads**

UDOT performs pavement condition assessments at a minimum of every other calendar year. The State has established an overall condition target to assure the system is funded adequately and not at any financial risk to maintain. This target is to maintain the Statewide system with 80 percent or more of the mileage rated in “Fair or Better” condition. UDOT utilizes a number of additional strategies and performance measures for estimating long term performance and managing allocations of funds to different categories within the pavement system. These measures vary slightly in function and purpose, all seeking to help assure systems are performing well. Some of these additional measures include strategic goals for both High Volume and Low Volume systems, internal goals for each pavement category, and annual national performance targets for reporting to the Federal Highway Administration for the Interstate system and the National Highway system. Ultimately these additional strategies and measures are only used as a mechanism to distribute funding and are adjusted as needed to assure the Statewide system remains with 80 percent or more of the pavement mileage rated in “Fair or Better” condition.

The following table reports the percentage of pavements with ratings of “Fair or Better” for the last three assessments for the Statewide system:

<table>
<thead>
<tr>
<th>Statewide System</th>
<th>2018</th>
<th>2017</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>91.40%</td>
<td>90.36%</td>
<td>89.32%</td>
</tr>
</tbody>
</table>

The following table presents the State’s estimated amounts needed to maintain and preserve roads at or above the established condition levels addressed above, and the amounts actually spent for each of the past five reporting periods (in thousands):

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Estimated Spending</th>
<th>Actual Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>$253,728</td>
<td>$310,690</td>
</tr>
<tr>
<td>2018</td>
<td>$252,563</td>
<td>$307,815</td>
</tr>
<tr>
<td>2017</td>
<td>$217,593</td>
<td>$346,112</td>
</tr>
<tr>
<td>2016</td>
<td>$202,516</td>
<td>$291,847</td>
</tr>
<tr>
<td>2015</td>
<td>$198,526</td>
<td>$279,878</td>
</tr>
</tbody>
</table>
Bridges

UDOT uses the Structures Inventory System to monitor the condition of the 1,957 state-owned bridges. A number, ranging from 1 to 100, is calculated based on condition, geometry, functional use, safety, and other factors. Three categories of condition are established in relation to the number range as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>80 - 100</td>
<td>Preventive maintenance requirements include repair leaking deck joints, apply deck overlays and seals, place concrete sealers to splash zones, paint steel surfaces, and minor beam repairs.</td>
</tr>
<tr>
<td>Fair</td>
<td>50 - 79</td>
<td>Corrective repairs include deck, beam, and substructure repairs, fixing settled approaches, and repairing collision damage.</td>
</tr>
<tr>
<td>Poor</td>
<td>1 - 49</td>
<td>Major rehabilitation and replacement includes deck, beam, or substructure replacements or replacement of the entire bridge.</td>
</tr>
</tbody>
</table>

Condition Level – Bridges

The State performs assessments on 50 percent of bridges on an annual basis. The established condition level is to maintain 50 percent of the bridges with a rating of “good” and no more than 10 percent with a rating of “poor.” The following table reports the results of the bridges assessed for the past three years:

<table>
<thead>
<tr>
<th>Rating</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>64.38%</td>
<td>64.52%</td>
<td>67.91%</td>
</tr>
<tr>
<td>Poor</td>
<td>2.91%</td>
<td>2.76%</td>
<td>1.45%</td>
</tr>
</tbody>
</table>

The following table presents the State’s estimated amounts needed to maintain and preserve bridges at or above the established condition levels addressed above, and the amounts actually spent for each of the past five reporting periods (in thousands):

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Estimated Spending</th>
<th>Actual Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>$44,775</td>
<td>$54,828</td>
</tr>
<tr>
<td>2018</td>
<td>$44,570</td>
<td>$54,320</td>
</tr>
<tr>
<td>2017</td>
<td>$38,399</td>
<td>$61,079</td>
</tr>
<tr>
<td>2016</td>
<td>$35,738</td>
<td>$51,502</td>
</tr>
<tr>
<td>2015</td>
<td>$35,034</td>
<td>$49,390</td>
</tr>
</tbody>
</table>
This page intentionally left blank.
State Endowment Fund
This fund accounts for a portion of proceeds relating to the State’s settlement agreement with major tobacco manufacturers, severance tax revenue in excess of statutory base amounts, and money or other assets authorized under any provision of law. The principal of the fund cannot be appropriated except by a three-fourths vote of both houses of the Legislature and with the concurrence of the Governor. One-half of all interest and dividends earned on tobacco settlement proceeds in this fund is deposited in the General Fund.

Environmental Reclamation
This fund consists of various programs aimed at preserving open land, improving irrigation in the State, funding recycling programs, and funding cleanup and reclamation projects. Funds received are from state appropriations, fees and fines, recovered liens and costs, and voluntary contributions.

Crime Victim Reparation
This fund accounts for court-ordered restitution and a surcharge on criminal fines, penalties, and forfeitures. Monies deposited in this fund are for victim reparations, other victim services, and, as appropriated, costs of administering the fund.

Universal Telephone Services
This fund is designed to preserve and promote universal telephone service throughout the State by ensuring that all citizens have access to affordable basic telephone service. Revenues come from surcharges on customers' phone bills and from fines and penalties levied against telephone service providers by the Public Service Commission.

Consumer Education Fund
This fund accounts for revenues and expenditures associated with educating and training Utah residents in various consumer matters. Funding is provided through the assessment and collection of fines and penalties from various regulated professions.

Rural Development Fund
This fund promotes various programs in rural areas of the State including construction of communications systems and economic development grants to Native American tribes. Funding comes from oil and gas severance taxes and from royalties on mineral extractions on federal land within the State.

State Capitol Fund
This fund was created to account for the funding and operations of the State Capitol Preservation Board. Funds are used in part to pay for repairs and maintenance of Capitol Hill facilities and grounds. Funding is provided through fees and private donations.

Miscellaneous Special Revenue
This fund is made up of individual small funds set up to account for various revenue sources that are legally restricted to expenditures for specific purposes.

Capital Projects – General Government
This fund accounts for resources used for capital outlays including the acquisition or construction of major capital facilities for use by the State and its discrete component units. The fund receives financial resources from the proceeds of general obligation bonds, legislative appropriations, and intergovernmental revenues.

Capital Projects – State Building Ownership Authority (Blended Component Unit)
This fund accounts for resources used for capital outlays including the acquisition or construction of major capital facilities for use by various state agencies. The fund receives financial resources from the proceeds of lease revenue bonds issued by the Authority and the interest earned on the proceeds of the bonds.

Debt Service – General Government
This fund accounts for the payment of principal and interest on the State’s general obligation bonds. The fund receives most of its financial resources from appropriations made by the Legislature.

Debt Service – State Building Ownership Authority (Blended Component Unit)
This fund accounts for the payment of principal and interest on lease revenue bonds issued by the Authority. The fund receives financial resources from rent payments made by various state agencies occupying the facilities owned by the Authority. The fund also receives capital lease payments from certain college and university component units.
### Combining Balance Sheet
#### Nonmajor Governmental Funds
*(expressed in thousands)*

**June 30, 2019**

| ASSETS | | | | | |
| --- | --- | --- | --- | --- | |
| Cash and Cash Equivalents | $2,260 | $5,232 | $1,407 | $5,982 | $1,325 |
| Investments | 242,893 | 10,246 | 3,512 | — | 4,065 |
| Receivables: | | | | | |
| Accounts, net | — | 31 | 1,157 | — | 45 |
| Accrued Interest | — | — | — | — | — |
| Accrued Taxes, net | — | — | — | — | — |
| Capital Lease Payments, net | — | — | — | — | — |
| Due From Other Funds | — | — | — | — | — |
| Due From Component Units | — | — | — | — | — |
| Prepaid Items | — | — | — | — | — |
| **Total Assets** | $245,153 | $15,509 | $6,076 | $5,982 | $5,435 |

#### LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND FUND BALANCES

| Liabilities: | | | | | |
| --- | --- | --- | --- | --- | |
| Accounts Payable and Accrued Liabilities | — | $427 | $140 | $412 | $277 |
| Due To Other Funds | — | — | — | 4 | 129 |
| Unearned Revenue | — | — | — | — | — |
| **Total Liabilities** | 0 | 427 | 140 | 416 | 406 |

#### Deferred Inflows of Resources:

| Unavailable Revenue | — | — | — | — | — |
| **Total Deferred Inflows of Resources** | 0 | 0 | 0 | 0 | 0 |

#### Fund Balances:

| Nonspendable: | | | | | |
| --- | --- | --- | --- | --- | |
| Prepaid Items | — | — | — | — | — |
| Restricted | — | 8,438 | — | 5,566 | — |
| Committed | 245,153 | 6,644 | 5,936 | — | 5,029 |
| Assigned | — | — | — | — | — |
| **Total Fund Balances** | 245,153 | 15,082 | 5,936 | 5,566 | 5,029 |

**Total Liabilities, Deferred Inflows of Resources, and Fund Balances** | $245,153 | $15,509 | $6,076 | $5,982 | $5,435 |
<table>
<thead>
<tr>
<th>Special Revenue Capital Projects Debt Service</th>
<th>Total Nonmajor Governmental Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rural Development</strong></td>
<td><strong>State Capitol</strong></td>
</tr>
<tr>
<td>$2,741</td>
<td>$1,361</td>
</tr>
<tr>
<td>$22,443</td>
<td>239</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>26</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>$25,184</td>
<td>$1,626</td>
</tr>
<tr>
<td>$1,505</td>
<td>4</td>
</tr>
<tr>
<td>181</td>
<td>7</td>
</tr>
<tr>
<td>—</td>
<td>60</td>
</tr>
<tr>
<td>1,686</td>
<td>71</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>23,498</td>
<td>1,555</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>23,498</td>
<td>1,555</td>
</tr>
<tr>
<td>$25,184</td>
<td>$1,626</td>
</tr>
</tbody>
</table>
## Combining Statement of Revenues, Expenditures and Changes in Fund Balances

### Nonmajor Governmental Funds

(Expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Special Revenue</th>
<th>State Endowment</th>
<th>Environmental Reclamation</th>
<th>Crime Victim Reparation</th>
<th>Universal Telephone Services</th>
<th>Consumer Education</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taxes:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales and Use Tax</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
</tr>
<tr>
<td>Other Taxes</td>
<td>8,173</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total Taxes</td>
<td>8,173</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other Revenues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Contracts and Grants</td>
<td>—</td>
<td>—</td>
<td>2,657</td>
<td>16,772</td>
<td></td>
</tr>
<tr>
<td>Charges for Services</td>
<td>3,584</td>
<td>6,836</td>
<td>14,879</td>
<td>16,194</td>
<td></td>
</tr>
<tr>
<td>Intergovernmental</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Income</td>
<td>21,796</td>
<td>316</td>
<td>80</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>Miscellaneous and Other</td>
<td>187</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total Revenues</td>
<td>29,969</td>
<td>4,087</td>
<td>9,573</td>
<td>14,879</td>
<td>16,885</td>
</tr>
</tbody>
</table>

| **EXPENDITURES** |                 |                           |                         |                             |                   |
| Current:         |                 |                           |                         |                             |                   |
| General Government |                  | 3,494                     | 6,241                  | 16,194                      | 2,267             |
| Human Services and Juvenile Justice Services | 0              | 0                         | 0                      | 0                           | 0                 |
| Corrections      |                  |                           |                        |                             |                   |
| Public Safety    |                  |                           |                        |                             |                   |
| Courts           |                  |                           |                        |                             |                   |
| Health and Environmental Quality | 859            | 0                         | 0                      | 0                           | 0                 |
| Higher Education – Colleges and Universities | 0              | 0                         | 0                      | 0                           | 0                 |
| Employment and Family Services |                  |                           |                        |                             |                   |
| Natural Resources |                  |                           |                        |                             |                   |
| Heritage and Arts |                  |                           |                        |                             |                   |
| Business, Labor, and Agriculture | 1,671          | 16,194                    | 2,267                 |                             |                   |
| Public Education |                  |                           |                        |                             |                   |
| Transportation   |                  |                           |                        |                             |                   |
| Capital Outlay   |                  |                           |                        |                             |                   |
| Debt Service:    |                 |                           |                         |                             |                   |
| Principal Retirement |              | 0                         | 0                      | 0                           | 0                 |
| Interest and Other Charges | 0              | 0                         | 0                      | 0                           | 0                 |
| Total Expenditures |                | 6,024                     | 6,241                  | 16,194                      | 2,267             |

**Excess Revenues Over (Under) Expenditures**

<table>
<thead>
<tr>
<th>Special Revenue</th>
<th>State Endowment</th>
<th>Environmental Reclamation</th>
<th>Crime Victim Reparation</th>
<th>Universal Telephone Services</th>
<th>Consumer Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excess Revenues Over (Under) Expenditures</td>
<td>29,969</td>
<td>(1,937)</td>
<td>3,332</td>
<td>(1,315)</td>
<td>14,618</td>
</tr>
</tbody>
</table>

| **OTHER FINANCING SOURCES (USES)** |                 |                           |                         |                             |                   |
| Premium on Bonds Issued |                  |                           |                        |                             |                   |
| Payment to Refunded Bond Escrow Agent | 600            | 0                         | 0                      | 0                           | 0                 |
| Sale of Capital Assets | 0              | 0                         | 0                      | 0                           | 0                 |
| Transfers In |                  | 0                         |                        |                             |                   |
| Transfers Out | 0              | (132)                     | (1,619)                | 0                           | (14,508)          |
| Total Other Financing Sources (Uses) | 0              | 468                       | (1,619)                | 0                           | (14,508)          |

**Net Change in Fund Balances**

<table>
<thead>
<tr>
<th>Special Revenue</th>
<th>State Endowment</th>
<th>Environmental Reclamation</th>
<th>Crime Victim Reparation</th>
<th>Universal Telephone Services</th>
<th>Consumer Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Change in Fund Balances</td>
<td>29,969</td>
<td>(1,469)</td>
<td>1,713</td>
<td>(1,315)</td>
<td>110</td>
</tr>
</tbody>
</table>

**Fund Balances – Beginning**

<table>
<thead>
<tr>
<th>Special Revenue</th>
<th>State Endowment</th>
<th>Environmental Reclamation</th>
<th>Crime Victim Reparation</th>
<th>Universal Telephone Services</th>
<th>Consumer Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund Balances – Beginning</td>
<td>215,184</td>
<td>16,551</td>
<td>4,223</td>
<td>6,881</td>
<td>4,919</td>
</tr>
</tbody>
</table>

**Fund Balances – Ending**

<table>
<thead>
<tr>
<th>Special Revenue</th>
<th>State Endowment</th>
<th>Environmental Reclamation</th>
<th>Crime Victim Reparation</th>
<th>Universal Telephone Services</th>
<th>Consumer Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund Balances – Ending</td>
<td>$ 245,153</td>
<td>$ 15,082</td>
<td>$ 5,936</td>
<td>$ 5,566</td>
<td>$ 5,029</td>
</tr>
<tr>
<td>Special Revenue Capital Projects</td>
<td>Debt Service</td>
<td>Total Nonmajor Governmental Funds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-------------</td>
<td>----------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State of Utah</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rural Development</strong></td>
<td><strong>State Capitol</strong></td>
<td><strong>Miscellaneous Special Revenue</strong></td>
<td><strong>General Government</strong></td>
<td><strong>State Building Ownership Authority</strong></td>
<td><strong>General Government</strong></td>
</tr>
<tr>
<td>Country</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>$</td>
<td>23,430</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>State Capitol</td>
<td>7,916</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Rural Development</td>
<td>—</td>
<td>672</td>
<td>129,035</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>36,052</td>
<td>—</td>
<td>14,307</td>
<td>1,560</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>6,356</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>645</td>
<td>7</td>
<td>1,243</td>
<td>3,745</td>
<td>335</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>16,029</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>1,152</td>
<td>824</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>1,808</td>
<td>2,695</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>13</td>
<td>823</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>154</td>
<td>1,286</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>—</td>
<td>1,555</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>—</td>
<td>1,925</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>—</td>
<td>225,301</td>
<td>9,833</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>9,301</td>
<td>156</td>
<td>33,673</td>
<td>14,812</td>
<td>—</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>501</td>
<td>10,133</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>—</td>
<td>6,356</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>38,504</td>
<td>867</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>6,271</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>717</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>—</td>
<td>34,979</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>2,695</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>2,695</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>—</td>
<td>225,301</td>
<td>9,833</td>
<td>—</td>
</tr>
<tr>
<td>General Government</td>
<td>—</td>
<td>251,315</td>
<td>9,634</td>
<td>260,949</td>
<td>92,653</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>156</td>
<td>76,522</td>
<td>307,827</td>
<td>10,764</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>9,301</td>
<td>307,827</td>
<td>9,833</td>
<td>343,968</td>
<td>92,653</td>
</tr>
<tr>
<td>General Government</td>
<td>(740)</td>
<td>523</td>
<td>(286,667)</td>
<td>(9,498)</td>
<td>(329,463)</td>
</tr>
<tr>
<td>State Capitol</td>
<td>—</td>
<td>92,653</td>
<td>10,764</td>
<td>103,417</td>
<td>92,653</td>
</tr>
<tr>
<td>Miscellaneous Special Revenue</td>
<td>—</td>
<td>—</td>
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<td>251,315</td>
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## General Fund

For the Fiscal Year Ended June 30, 2019

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<th>Actual Expenditures</th>
<th>Lapse to Unrestricted</th>
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## Detail Schedule of Expenditures – Budget and Actual
### General Fund
*(expressed in thousands)*

**For the Fiscal Year Ended June 30, 2019**

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<th>Federal Funds</th>
<th>Restricted and Other Funds</th>
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### HUMAN SERVICES

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<td>Office of Public Guardian</td>
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<td>Services for People with Disabilities</td>
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<td>Recovery Services</td>
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<td>Child and Family Services</td>
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<td>Juvenile Justice Services</td>
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<td>Aging and Adult Services</td>
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### CORRECTIONS

#### Department of Corrections

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<td>Programs and Operations</td>
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<td>Medical Services</td>
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<td>Jail Contracting</td>
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#### Board of Pardons and Parole

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#### Total Corrections

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### PUBLIC SAFETY

#### Department of Public Safety

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<td>Emergency and Disaster Management</td>
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<td>Bureau of Criminal Identification</td>
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<td>Incident Office Standards</td>
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<td>Driver License</td>
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### Utah National Guard

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### Department of Veteran's and Military Affairs

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### Total Public Safety

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### STATE COURTS

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<td>Guardian Ad Litem</td>
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163
## State of Utah

### Detail Schedule of Expenditures – Budget and Actual

**General Fund**

*(expressed in thousands)*

**Continued**

For the Fiscal Year Ended June 30, 2019

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<th>Appropriation Line Item Name</th>
<th>State Funds</th>
<th>Federal Funds</th>
<th>Restricted and Other Funds</th>
<th>Final Budget</th>
<th>Actual Expenditures</th>
<th>Lapse to Unrestricted</th>
<th>Lapse to Restricted and Other</th>
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<td>Snow College – Educationally Disadvantaged</td>
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164
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<tr>
<th>Appropriation Line Item Name</th>
<th>State Funds</th>
<th>Federal Funds</th>
<th>Restricted and Other Funds</th>
<th>Final Budget</th>
<th>Actual Expenditures</th>
<th>Lapse to Unrestricted</th>
<th>Lapse to Restricted and Other</th>
<th>Nonlapse or (Deficit) Carry Forward</th>
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<tbody>
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**WORKFORCE SERVICES**

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<th>Lapse to Restricted and Other</th>
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**NATURAL RESOURCES**

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<th>Source of Funding</th>
<th>Budget</th>
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<th>Lapse to Restricted and Other</th>
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<td>Forestry, Fire, and State Lands</td>
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<td>62,771</td>
<td>47,763</td>
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<td>Wildlife Resources</td>
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<td>Predator Control</td>
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<td>Parks and Recreation</td>
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<td>Utah Geological Survey</td>
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<td>Water Resources</td>
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<td>Wildlife Resources – Capital Development</td>
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<td>Public Lands Policy Office</td>
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**HERITAGE and ARTS**

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<th>Lapse to Restricted and Other</th>
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165
### General Fund

#### Detail Schedule of Expenditures – Budget and Actual

**Expressed in thousands**

**Continued**

For the Fiscal Year Ended June 30, 2019

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<th>Source of Funding</th>
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<th>Federal Funds</th>
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<th>Final Budget</th>
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<th>Lapse to Unrestricted</th>
<th>Lapse to Restricted and Other</th>
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**BUSINESS, LABOR, and AGRICULTURE**

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<th>Lapse to Restricted and Other</th>
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<td><strong>Insurance Department</strong></td>
<td>16,332</td>
<td>91</td>
<td>-</td>
<td>16,423</td>
<td>11,379</td>
<td>-</td>
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<td><strong>INS Bail Bond Program</strong></td>
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<td>36</td>
<td>11</td>
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<td><strong>INS Title Insurance Program</strong></td>
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<td><strong>INS Health Insurance Actuary</strong></td>
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<td>355</td>
<td>192</td>
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<td><strong>Public Service Commission</strong></td>
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<td>3,209</td>
<td>4,274</td>
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<td><strong>Total Business, Labor, and Agriculture</strong></td>
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<td>$11,683</td>
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<td>$99,519</td>
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**TOTAL GENERAL FUND**

<table>
<thead>
<tr>
<th>Source of Funding</th>
<th>State Funds</th>
<th>Federal Funds</th>
<th>Restricted and Other Funds</th>
<th>Final Budget</th>
<th>Actual Expenditures</th>
<th>Lapse to Unrestricted</th>
<th>Lapse to Restricted and Other</th>
<th>Nonlapse or (Deficit) Carry Forward</th>
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<tr>
<td><strong>Total Expenditures</strong></td>
<td>$4,175,250</td>
<td>$3,100,342</td>
<td>$1,860,566</td>
<td>$9,136,158</td>
<td>$8,730,483</td>
<td>$8,707</td>
<td>$98,984</td>
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State of Utah

Detail Schedule of Expenditures – Budget and Actual
Education Fund, Transportation Fund, Transportation Investment Fund, and Debt Service Funds
(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Source of Funding</th>
<th>Appropriation Line Item Name</th>
<th>State Funds</th>
<th>Federal Funds</th>
<th>Restricted and Other Funds</th>
<th>Final Budget</th>
<th>Actual Expenditures</th>
<th>Lapse to Unrestricted</th>
<th>Lapse to Restricted and Other</th>
<th>Nonlapse or (Deficit) Carry Forward</th>
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<tr>
<td><strong>EDUCATION FUND</strong></td>
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<tr>
<td>State Board of Education</td>
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<td>Office of Education</td>
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<td>Child Nutrition</td>
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<td>$ 206,951</td>
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<td>State Charter School Board</td>
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<td>Educator Licensing</td>
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<td>Initiative Programs</td>
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<td>MSP Categorical Program Administration</td>
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<td>$ 4,929</td>
<td>$ 2,649</td>
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<td>Federal Commodities</td>
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<td>MSP Related to Basic Programs</td>
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<td>General System Support</td>
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<td>Total State Board of Education</td>
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<td>$ 4,078,783</td>
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<td>$ 803</td>
<td>$ 141,057</td>
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<td>$ 8,124</td>
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<td>$ 4,078,783</td>
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<td>$ 803</td>
<td>$ 141,057</td>
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<td><strong>TRANSPORTATION FUND</strong></td>
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<td>Support Services</td>
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<td>Engineering Services</td>
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<td>$ 4,636</td>
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<td>$ 459</td>
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<td>Share the Road</td>
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<td>B and C Roads</td>
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<td>Safe Sidewalk Construction</td>
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<td>Mineral Lease</td>
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<td>Corridor Preservation</td>
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<td>Cooperative Agreements</td>
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<td>$ 16,970</td>
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<td>Tollway</td>
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<td>Inventory and Miscellaneous</td>
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<td><strong>TRANSPORTATION INVESTMENT FUND</strong></td>
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<td>TIF Capacity Program</td>
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<td><strong>DEBT SERVICE FUND</strong>S</td>
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<td>State Building Ownership Authority</td>
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<td>Total Debt Service Funds</td>
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<td>$ 20,541</td>
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</table>
This page intentionally left blank.
Housing Loan Programs
These programs provide loans or grants to low income or special needs individuals for construction, rehabilitation, or purchase of single or multi-family housing. Funds are provided from federal programs, loan repayments, appropriations, and interest earnings.

Agriculture Loan Fund
This fund is comprised of two separate revolving loan programs: the Agriculture Resource Development Fund and the Rural Rehabilitation Fund. Both programs issue farm loans for soil and water conservation projects and the rehabilitation of rural areas within the State.

Energy Efficiency Fund
This fund provides revolving loans to assist in the conversion of government and private fleet vehicles to clean fuel and for energy efficiency projects in political subdivisions and state facilities. Funds are provided from public and private contributions, appropriations, and interest earnings on loans and invested funds.

Local Government Loan Fund
This fund provides revolving loan programs to local governments for infrastructure assistance, to expedite construction projects, and for providing emergency disaster services. These loan programs are funded with state appropriations.

Alcoholic Beverage Control
The Alcoholic Beverage Control Commission was established to conduct, license, and regulate the sale of alcoholic beverages. Funding is provided through the sale of products. The net profit from the fund is transferred to the State’s General Fund and is used for general government purposes.

Utah Correctional Industries
Utah Correctional Industries (UCI) was established to provide work training opportunities for inmates of the Utah State Prison. UCI manufactures and sells such items as license plates, furniture, highway signs, dairy, plant nursery, and textile products, and provides printing services and miscellaneous other products and services. Funding comes from charges for products and services.

State Trust Lands Administration
The Utah School and Institutional Trust Lands Administration (SITLA) and the School and Institutional Trust Fund Office (SITFO) manage the assets of the Trust Lands permanent fund. Their objective is to maximize revenue from land assets and investment returns for the beneficiaries.

Utah Dairy Commission
The purpose of the Commission is to promote the use of dairy products. Its operations are comprised of promotion, advertising, research, and nutritional education regarding dairy products. Funding consists primarily of fees from milk producers.

Medical Cannabis Fund
The purpose of this fund is to conduct, license, and regulate the sale of cannabis related products. Funding consists primarily of fees from cannabis growers.
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<thead>
<tr>
<th>ASSETS</th>
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<td><strong>Current Assets:</strong></td>
<td><strong>Housing Loan Programs</strong></td>
<td><strong>Agriculture Loan Fund</strong></td>
<td><strong>Energy Efficiency Fund</strong></td>
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<tr>
<td>Due From Component Units</td>
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<td>Prepaid Items</td>
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<td><strong>Noncurrent Assets:</strong></td>
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<td>Investments</td>
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<tr>
<td>Infrastructure – depreciating</td>
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<tr>
<td>Buildings and Improvements</td>
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<tr>
<td>Machinery and Equipment</td>
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<td>Intangible Assets – Software</td>
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<td>Construction in Progress</td>
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<td>Less Accumulated Depreciation</td>
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<tr>
<td><strong>Total Noncurrent Assets</strong></td>
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</table>

<table>
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<th>LIABILITIES</th>
<th></th>
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<tr>
<td><strong>Current Liabilities:</strong></td>
<td></td>
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<tr>
<td>Accounts Payable and Accrued Liabilities</td>
<td>$431</td>
<td>$196</td>
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<td>Deposits</td>
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<tr>
<td>Due To Other Funds</td>
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<td>1</td>
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<tr>
<td>Unearned Revenue</td>
<td></td>
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<tr>
<td>Notes Payable</td>
<td></td>
<td></td>
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<tr>
<td>Revenue Bonds Payable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Current Liabilities</strong></td>
<td>435</td>
<td>197</td>
<td>0</td>
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<tr>
<td><strong>Noncurrent Liabilities:</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Notes Payable</td>
<td></td>
<td></td>
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<tr>
<td>Revenue Bonds Payable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Pension Liability</td>
<td></td>
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</tr>
<tr>
<td>Net Other Postemployment Benefit Liability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Noncurrent Liabilities</strong></td>
<td>0</td>
<td>0</td>
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<tr>
<td><strong>Total Liabilities</strong></td>
<td>$435</td>
<td>$197</td>
<td>$0</td>
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<table>
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<tr>
<th>DEFERRED INFLOWS OF RESOURCES</th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Deferred Inflows Relating to Pensions</td>
<td></td>
<td></td>
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<tr>
<td>Deferred Inflows Relating to Other Postemployment Benefits</td>
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<tr>
<td><strong>Total Deferred Inflows of Resources</strong></td>
<td>$0</td>
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<td>$0</td>
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<table>
<thead>
<tr>
<th>NET POSITION</th>
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<tbody>
<tr>
<td>Net Investment in Capital Assets</td>
<td></td>
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<tr>
<td>Loan Programs</td>
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<td>Unrestricted</td>
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<td>Utah Correctional Industries</td>
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<td>Utah Dairy Commission</td>
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<tr>
<td>---------------------------</td>
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<td>-------------------------------</td>
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<tr>
<td>$ 5,206</td>
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<td>$ 4,521</td>
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<td>36,619</td>
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<td>58,256</td>
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<td>1,070</td>
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<td>1,122</td>
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<td>—</td>
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<td>27,123</td>
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<td>297</td>
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<td>126</td>
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<td>81,217</td>
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<td>$ 139,473</td>
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<td>$ 2,708</td>
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<td>$ 2,596</td>
<td>$ 2,163</td>
<td>$ 144</td>
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<td>$ 58</td>
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<td>1,999</td>
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<td>599</td>
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<td>7,024</td>
<td>5,063</td>
<td>4,961</td>
<td>387</td>
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<tr>
<td>561</td>
<td>222</td>
<td>325</td>
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<td>6,115</td>
<td>5,286</td>
<td>986</td>
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<td>$ 8,036</td>
<td>$ 18,289</td>
<td>$ 1,063</td>
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<td>$ 219</td>
<td>$ 244</td>
<td>$ 6</td>
<td>$ 139</td>
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<tr>
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<tr>
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<td>$ 156</td>
<td>$ 139</td>
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<tr>
<td>$ 20,475</td>
<td>$ 3,977</td>
<td>$ 535</td>
<td>$ 1,145</td>
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<tr>
<td>(10,361)</td>
<td>(888)</td>
<td>(675)</td>
<td>871</td>
</tr>
<tr>
<td>$ 10,114</td>
<td>$ 3,089</td>
<td>$ (140)</td>
<td>$ 2,016</td>
</tr>
</tbody>
</table>
### Combining Statement of Revenues, Expenses and Changes in Fund Net Position
#### Nonmajor Enterprise Funds

*expressed in thousands*

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th></th>
<th>Housing Loan Programs</th>
<th>Agriculture Loan Fund</th>
<th>Energy Efficiency Fund</th>
<th>Local Government Loan Fund</th>
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<tbody>
<tr>
<td><strong>OPERATING REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Sales and Charges for Services/Premiums</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 1</td>
<td>$ —</td>
</tr>
<tr>
<td>Fees and Assessments</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Interest on Notes/Mortgages</td>
<td>2,254</td>
<td>887</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Miscellaneous</td>
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<td>4</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total Operating Revenues</strong></td>
<td>2,267</td>
<td>891</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

| **OPERATING EXPENSES** |                       |                       |                        |                           |
| Administration | 38 | 239 | — | — |
| Purchases, Materials, and Services for Resale | — | — | — | — |
| Grants | 1,161 | — | 262 | — |
| Rentals and Leases | 1 | 3 | — | — |
| Maintenance | 8 | 4 | — | — |
| Depreciation/Amortization | — | — | — | — |
| Miscellaneous Other: |                       |                       |                        |                           |
| Data Processing | — | 17 | — | — |
| Supplies | — | 2 | — | — |
| Utilities | — | 2 | — | — |
| Advertising and Other | 327 | 4 | 1 | 1 |
| **Total Operating Expenses** | 1,535 | 271 | 263 | 1 |
| **Operating Income (Loss)** | 732 | 620 | (262) | (1) |

| **NONOPERATING REVENUES (EXPENSES)** |                       |                       |                        |                           |
| Investment Income | 233 | 511 | 74 | 1,527 |
| Federal Contracts and Grants | 5,658 | — | — | — |
| Disposal of Capital Assets | — | — | — | — |
| Tax Revenues | — | 525 | — | — |
| Interest Expense | — | — | — | — |
| **Total Nonoperating Revenues (Expenses)** | 5,891 | 1,036 | 74 | 1,527 |
| **Income (Loss) before Transfers** | 6,623 | 1,656 | (188) | 1,526 |
| Capital Contributions | — | — | — | — |
| Transfers In | 1,775 | — | — | — |
| Transfers Out | (635) | (1,752) | (127) | — |
| **Change in Net Position** | 7,763 | (96) | (315) | 1,526 |

<p>| <strong>Net Position – Beginning</strong> | 147,717 | 54,574 | 4,257 | 65,030 |
| Adjustment to Beginning Net Position | — | — | — | — |
| <strong>Net Position – Beginning as Adjusted</strong> | 147,717 | 54,574 | 4,257 | 65,030 |
| <strong>Net Position – Ending</strong> | $ 155,480 | $ 54,478 | $ 3,942 | $ 66,556 |</p>
<table>
<thead>
<tr>
<th>Alcoholic Beverage Control</th>
<th>Utah Correctional Industries</th>
<th>State Trust Lands Administration</th>
<th>Utah Dairy Commission</th>
<th>Medical Cannabis Fund</th>
<th>Total Nonmajor Enterprise Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 426,588</td>
<td>$ 22,897</td>
<td>$ 20,274</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 469,760</td>
</tr>
<tr>
<td>3,617</td>
<td>—</td>
<td>22</td>
<td>2,550</td>
<td>—</td>
<td>148</td>
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<tr>
<td>27</td>
<td>—</td>
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<td>—</td>
<td>—</td>
<td>3,168</td>
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<tr>
<td>597</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>614</td>
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<tr>
<td>430,829</td>
<td>22,897</td>
<td>20,296</td>
<td>2,550</td>
<td>148</td>
<td>479,879</td>
</tr>
</tbody>
</table>

| 23,694                    | 5,903                       | 8,996                           | 244                   | 383                  | 39,497                        |
| 261,897                   | 14,503                      | —                               | 167                   | —                    | 276,567                       |
| —                         | —                           | —                               | —                     | —                    | 1,423                         |
| 985                       | 274                         | 698                             | —                     | —                    | 1,961                         |
| 4,463                     | 374                         | 674                             | —                     | —                    | 5,523                         |
| 3,312                     | 446                         | 2                               | 45                    | —                    | 3,805                         |

| 2,926                     | 331                         | 215                             | —                     | 20                   | 3,509                         |
| 500                       | 1,210                       | 165                             | —                     | 2                    | 1,879                         |
| 256                       | 128                         | 108                             | —                     | 4                    | 498                           |
| 10,058                    | 414                         | 8,201                           | 1,755                 | 11                   | 20,772                        |

| 308,091                   | 23,583                      | 19,059                          | 2,211                 | 420                  | 355,434                       |
| 122,738                   | (686)                       | 1,237                           | 339                   | (272)                | 124,445                       |

| 69                        | —                           | —                               | —                     | 4                    | 2,418                         |
| 305                       | —                           | —                               | —                     | —                    | 5,963                         |
| (14)                      | (112)                       | —                               | (6)                   | —                    | (132)                         |
| —                         | —                           | —                               | —                     | —                    | 525                           |
| (3,170)                   | (24)                        | —                               | (47)                  | —                    | (3,241)                       |

| (2,810)                   | (136)                       | 0                               | (53)                  | 4                    | 5,533                         |

| 119,928                   | (822)                       | 1,237                           | 286                   | (268)                | 129,978                       |
| —                         | —                           | —                               | —                     | —                    | —                             |
| 5,000                     | —                           | —                               | —                     | 5,400                | 12,175                        |
| (119,928)                 | —                           | (115)                           | —                     | —                    | (122,557)                     |

| 5,000                     | (822)                       | 1,122                           | 286                   | 5,132                | 19,596                        |

| 5,114                     | 3,911                       | (1,262)                         | 1,730                 | —                    | 281,071                       |
| —                         | —                           | —                               | —                     | —                    | —                             |
| 5,114                     | 3,911                       | (1,262)                         | 1,730                 | —                    | 281,071                       |

| $ 10,114                   | $ 3,089                     | $ (140)                         | $ 2,016               | $ 5,132              | $ 300,667                     |
# Combining Statement of Cash Flows

## Nonmajor Enterprise Funds

*(expressed in thousands)*

For the Fiscal Year Ended June 30, 2019

### CASH FLOWS FROM OPERATING ACTIVITIES

<table>
<thead>
<tr>
<th>Housing Loan Programs</th>
<th>Agriculture Loan Fund</th>
<th>Energy Efficiency Fund</th>
<th>Local Government Loan Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipts from Customers/Loan Interest/Fees/Premiums........</td>
<td>$ 2,260</td>
<td>$ 889</td>
<td>$ 1</td>
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<tr>
<td>Receipts from Loan Maturities.................................</td>
<td>6,920</td>
<td>4,110</td>
<td>—</td>
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<tr>
<td>Receipts from State Customers..................................</td>
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<td>—</td>
</tr>
<tr>
<td>Payments to Suppliers/Claims/Grants.............................</td>
<td>(365)</td>
<td>(4,818)</td>
<td>(262)</td>
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<tr>
<td>Disbursements for Loans Receivable.............................</td>
<td>(12,204)</td>
<td>(3,454)</td>
<td>—</td>
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<tr>
<td>Payments for Employee Services and Benefits...................</td>
<td>(38)</td>
<td>(239)</td>
<td>—</td>
</tr>
<tr>
<td>Payments to State Suppliers......................................</td>
<td>(874)</td>
<td>4,967</td>
<td>(1)</td>
</tr>
<tr>
<td>Payments of Sales Tax and School Lunch Collections...........</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Net Cash Provided (Used) by Operating Activities............</td>
<td>(4,301)</td>
<td>1,455</td>
<td>(262)</td>
</tr>
</tbody>
</table>

### CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES

| Borrowings Under Interfund Loans............................... | — | — | — | — |
| Repayments Under Interfund Loans................................ | — | — | — | — |
| Federal Contracts, Grants and Other Revenues.................. | 7,153 | — | — | — |
| Restricted Sales Tax............................................. | — | 525 | — | — |
| Transfers In from Other Funds.................................. | 1,775 | — | — | — |
| Transfers Out to Other Funds................................... | (635) | (1,752) | (127) | — |
| Net Cash Provided (Used) by Noncapital Financing Activities | 8,293 | (1,227) | (127) | 0 |

### CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES

| Proceeds from Bond and Note Debt Issuance/Grants............. | — | — | — | — |
| Proceeds from Disposition of Capital Assets................... | — | — | — | — |
| Principal Paid on Debt and Contract Maturities................. | — | — | — | — |
| Acquisition and Construction of Capital Assets................. | — | — | — | — |
| Interest Paid on Bonds, Notes, and Capital Leases............... | — | — | — | — |
| Net Cash Provided (Used) by Capital and Related Financing Activities | 0 | 0 | 0 | 0 |

### CASH FLOWS FROM INVESTING ACTIVITIES

| Proceeds from the Sale and Maturity of Investments............ | — | — | — | — |
| Receipts of Interest and Dividends................................ | 233 | 511 | — | 472 |
| Receipts from Loan Maturities................................... | — | — | 335 | 1,722 |
| Receipts of Interest from Loans.................................. | — | — | 74 | 597 |
| Disbursements for Loans Receivable................................ | — | — | — | (36,750) |
| Net Cash Provided (Used) by Investing Activities............. | 233 | 511 | 409 | (33,959) |
| Net Cash Provided (Used) – All Activities..................... | 4,225 | 739 | 20 | (33,960) |

Cash and Cash Equivalents – Beginning.......................... $ 13,336 | $ 25,280 | $ 2,236 | $ 51,055 |
Cash and Cash Equivalents – Ending............................ $ 17,561 | $ 26,019 | $ 2,256 | $ 17,095 |
<table>
<thead>
<tr>
<th>Alcoholic Beverage Control</th>
<th>Utah Correctional Industries</th>
<th>State Trust Lands Administration</th>
<th>Utah Dairy Commission</th>
<th>Medical Cannabis Fund</th>
<th>Total Nonmajor Enterprise Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 481,419</td>
<td>$ 9,935</td>
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<td>$ 2,523</td>
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<td>11,030</td>
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<td>—</td>
<td>11,915</td>
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<td>26,161</td>
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<td>(272,443)</td>
<td>(14,670)</td>
<td>(4,587)</td>
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<td>(299,235)</td>
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<td>(6,824)</td>
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<td>(36)</td>
<td>(5,887)</td>
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<td>(50,039)</td>
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<tr>
<td>128,528</td>
<td>(1,494)</td>
<td>702</td>
<td>172</td>
<td>(258)</td>
<td>124,541</td>
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<td>34,418</td>
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<td>—</td>
<td>34,418</td>
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<tr>
<td>(34,574)</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>(34,574)</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>7,153</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>525</td>
</tr>
<tr>
<td>5,000</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>5,400</td>
<td>12,175</td>
</tr>
<tr>
<td>(119,928)</td>
<td>—</td>
<td>(115)</td>
<td>—</td>
<td>—</td>
<td>(122,557)</td>
</tr>
<tr>
<td>(115,084)</td>
<td>0</td>
<td>(115)</td>
<td>0</td>
<td>5,400</td>
<td>(102,860)</td>
</tr>
<tr>
<td>305</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>305</td>
</tr>
<tr>
<td>—</td>
<td>13</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>13</td>
</tr>
<tr>
<td>(5,418)</td>
<td>(174)</td>
<td>—</td>
<td>(17)</td>
<td>—</td>
<td>(5,609)</td>
</tr>
<tr>
<td>(812)</td>
<td>(504)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(1,316)</td>
</tr>
<tr>
<td>(3,554)</td>
<td>(44)</td>
<td>—</td>
<td>(37)</td>
<td>—</td>
<td>(3,635)</td>
</tr>
<tr>
<td>(9,479)</td>
<td>(709)</td>
<td>0</td>
<td>(54)</td>
<td>0</td>
<td>(10,242)</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>12</td>
<td>—</td>
<td>12</td>
</tr>
<tr>
<td>69</td>
<td>—</td>
<td>—</td>
<td>(10)</td>
<td>4</td>
<td>1,279</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>2,057</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>671</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(36,750)</td>
</tr>
<tr>
<td>69</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>4</td>
<td>(32,731)</td>
</tr>
<tr>
<td>4,034</td>
<td>(2,203)</td>
<td>587</td>
<td>120</td>
<td>5,146</td>
<td>(21,292)</td>
</tr>
<tr>
<td>1,172</td>
<td>2,784</td>
<td>3,934</td>
<td>673</td>
<td>—</td>
<td>100,470</td>
</tr>
<tr>
<td>$ 5,206</td>
<td>$ 581</td>
<td>$ 4,521</td>
<td>$ 793</td>
<td>$ 5,146</td>
<td>$ 79,178</td>
</tr>
</tbody>
</table>
**Combining Statement of Cash Flows**

**Nonmajor Enterprise Funds**

*(expressed in thousands)*

**Continued**

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES</th>
<th>Housing Loan Program</th>
<th>Agriculture Loan Fund</th>
<th>Energy Efficiency Fund</th>
<th>Local Government Loan Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Income (Loss) ........................................................................................................</td>
<td>$ 732</td>
<td>$ 620</td>
<td>$(262)</td>
<td>$ (1)</td>
</tr>
<tr>
<td>Adjustments to Reconcile Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depreciation/Amortization Expense ..................................................................................</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Pension and OPEB Expense Accruals .................................................................................</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Net Changes in Assets, Deferred Outflows of Resources, Liabilities, and Deferred Inflows of Resources:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts Receivable/Due From Other Funds .....................................................................</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Notes/Accrued Interest Receivables ..............................................................................</td>
<td>$(5,235)</td>
<td>653</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Inventories ......................................................................................................................</td>
<td>$(57)</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Prepaid Items ....................................................................................................................</td>
<td>—</td>
<td>1</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Accrued Liabilities/Due to Other Funds .........................................................................</td>
<td>259</td>
<td>181</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Unearned Revenue/Deposits .................................................................................................</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Net Cash Provided (Used) by Operating Activities .......................................................</td>
<td>$ (4,301)</td>
<td>$ 1,455</td>
<td>$(262)</td>
<td>$ (1)</td>
</tr>
</tbody>
</table>

**SCHEDULE OF NONCASH INVESTING, CAPITAL, AND FINANCING ACTIVITIES**

<p>| Increase (Decrease) in Fair Value of Investments ......................................................... | $ —                  | $ —                   | $ —                     | $ (186)                   |
| Total Noncash Investing, Capital, and Financing Activities ........................................... | $ 0                  | $ 0                   | $ 0                     | $ (186)                   |</p>
<table>
<thead>
<tr>
<th>State of Utah</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alcoholic Beverage Control</strong></td>
</tr>
<tr>
<td>$ 122,738</td>
</tr>
<tr>
<td>3,312</td>
</tr>
<tr>
<td>26</td>
</tr>
<tr>
<td>551</td>
</tr>
<tr>
<td>42</td>
</tr>
<tr>
<td>(766)</td>
</tr>
<tr>
<td>(1,664)</td>
</tr>
<tr>
<td>4,331</td>
</tr>
<tr>
<td>(42)</td>
</tr>
<tr>
<td>$ 128,528</td>
</tr>
<tr>
<td>$ —</td>
</tr>
<tr>
<td>$ 0</td>
</tr>
<tr>
<td>Appropriation Line Item Name</td>
</tr>
<tr>
<td>---------------------------------------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>ALCOHOLIC BEVERAGE CONTROL</td>
</tr>
<tr>
<td>Alcohol Beverage Control Administration</td>
</tr>
<tr>
<td>ABC – Parents Empowered</td>
</tr>
<tr>
<td>Total Alcohol Beverage Control</td>
</tr>
</tbody>
</table>
Technology Services
This fund is responsible for providing data processing and various other computer services along with voice and data communication services to state agencies.

General Services
This fund manages cooperative purchasing contracts and provides purchasing card, printing and mailing services, and surplus property services to state agencies. This fund also provides warehouse services for the Department of Natural Resources.

Fleet Operations
This fund provides motor pool, fuel network, and travel services to state agencies. This fund also provides transaction entry services for the Department of Administrative Services.

Risk Management
This fund provides insurance coverage and loss prevention services to state agencies, institutions of higher education, and participating local school districts. Coverage is provided using a combination of self-insurance and private excess insurance.

Property Management
This fund is responsible for the operation and maintenance of facilities used by state agencies. This fund is also used to account for the State’s facility energy efficiency program.

Human Resource Management
This fund provides human resource and payroll services to state agencies.

Attorney General Legal Services
This fund includes legal services provided to state agencies by the civil division of the Utah Office of the Attorney General.
### Combining Statement of Net Position
#### Internal Service Funds

*expressed in thousands*

**June 30, 2019**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>Technology Services</th>
<th>General Services</th>
<th>Fleet Operations</th>
<th>Risk Management</th>
<th>Property Management</th>
<th>Human Resource Management</th>
<th>Attorney General Legal Services</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CURRENT ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>—</td>
<td>3,336</td>
<td>102</td>
<td>69,790</td>
<td>6,160</td>
<td>580</td>
<td>—</td>
<td>79,968</td>
</tr>
<tr>
<td>Accounts, net</td>
<td>514</td>
<td>3,085</td>
<td>2,650</td>
<td>202</td>
<td>79</td>
<td>—</td>
<td>78</td>
<td>6,608</td>
</tr>
<tr>
<td>Due From Other Funds</td>
<td>28,445</td>
<td>2,589</td>
<td>3,928</td>
<td>708</td>
<td>907</td>
<td>534</td>
<td>3,509</td>
<td>40,620</td>
</tr>
<tr>
<td>Due From Component Units</td>
<td>—</td>
<td>20</td>
<td>23</td>
<td>9</td>
<td>815</td>
<td>—</td>
<td>1</td>
<td>868</td>
</tr>
<tr>
<td>Prepaid Items</td>
<td>2,964</td>
<td>194</td>
<td>3</td>
<td>766</td>
<td>78</td>
<td>—</td>
<td>—</td>
<td>4,005</td>
</tr>
<tr>
<td>Inventories</td>
<td>147</td>
<td>1,222</td>
<td>1,676</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>3,045</td>
<td></td>
</tr>
<tr>
<td>Total Current Assets</td>
<td>32,070</td>
<td>10,446</td>
<td>8,382</td>
<td>71,475</td>
<td>8,039</td>
<td>1,114</td>
<td>3,588</td>
<td>135,114</td>
</tr>
</tbody>
</table>

| NONCURRENT ASSETS | | | | | | | | |
| Prepaid Items | 5,530 | — | — | — | — | 182 | — | 5,712 |

### Capital Assets:
- Infrastructure: 38
- Buildings and Improvements: 3,883
- Machinery and Equipment: 32,966
- Intangible Assets–Software: 7,268
- Less Accumulated Depreciation: (35,264)

| Total Capital Assets | 8,891 | 3,734 | 72,293 | — | 123 | 1,999 | — | 87,040 |

| Noncurrent Liabilities | | | | | | | | |
| Unearned Revenue | — | — | — | — | — | — | 32 | — |
| Interfund Loans Payable | — | 1,033 | 7,805 | — | — | — | 3,225 | 12,063 |
| Policy Claims Liabilities | — | — | — | 22,709 | — | — | — | 22,709 |
| Contracts/Notes Payable | — | — | — | 45 | — | — | — | 45 |
| Revenue Bonds Payable | — | 37 | — | — | — | — | — | 37 |
| Total Noncurrent Liabilities | 22,806 | 4,278 | 20,439 | 25,775 | 2,385 | 517 | 214 | 76,414 |

| **DEFERRED OUTFLOWS OF RESOURCES** | | | | | | | | |
| Deferred Amount on Refundings of Bonded Debt | — | 1 | — | — | — | — | — | 1 |
| Deferred Outflows Relating to Pensions | 21,559 | 1,561 | 478 | 956 | 1,917 | 2,809 | 4,819 | 34,099 |
| Deferred Outflows Relating to Other Postemployment Benefit | 1,379 | 81 | — | 2 | 156 | 200 | 329 | 2,145 |
| Total Deferred Outflows of Resources | 22,938 | 1,643 | 478 | 956 | 2,073 | 3,009 | 5,148 | 36,245 |

| LIABILITIES | | | | | | | | |
| Accounts Payable and Accrued Liabilities | 18,987 | 2,866 | 4,431 | 1,619 | 2,330 | 512 | — | 30,745 |
| Due To Other Funds | 923 | 103 | 224 | 1,445 | 5 | 5 | 214 | 2,919 |
| Due To Component Units | — | — | — | 2 | — | — | 2 | 2 |
| Interfund Loans Payable | 2,669 | 901 | 15,784 | — | — | — | — | 19,354 |
| Unearned Revenue | 227 | 371 | — | 5 | — | — | 603 | |
| Policy Claims Liabilities | — | — | — | 22,709 | — | — | — | 22,709 |
| Contracts/Notes Payable | — | — | — | 45 | — | — | — | 45 |
| Revenue Bonds Payable | — | 37 | — | — | — | — | — | 37 |
| Net Pension Liability | 56,012 | 3,623 | 1,433 | 2,373 | 5,039 | 7,306 | 15,192 | 90,978 |
| Net Other Postemployment Benefit Liability | 3,364 | 501 | 162 | 296 | 519 | 633 | 5,113 | |
| Total Noncurrent Liabilities | 59,408 | 4,124 | 14,895 | 43,222 | 5,517 | 7,825 | 19,050 | 149,238 |
| Total Liabilities | 82,214 | 9,256 | 29,677 | 68,997 | 7,902 | 8,342 | 19,264 | 225,652 |

| DEFERRED INFLOWS OF RESOURCES | | | | | | | | |
| Deferred Inflows Relating to Pensions | 2,549 | 569 | (26) | 135 | 81 | 246 | 260 | 3,814 |
| Deferred Inflows Relating to Other Postemployment Benefit | 1,553 | 90 | — | 176 | 226 | 381 | 2,426 | |
| Total Deferred Inflows of Resources | 4,102 | 659 | (26) | 135 | 257 | 472 | 641 | 6,240 |

### NET POSITION
- Net Investment in Capital Assets | $8,891 |
- Restricted for: (Insurance Programs) | $8,607 |
- Unrestricted (Deficit) | $8,607 |
- Total Net Position | $16,887 |

| $16,887 | $5,908 | $51,502 | 3,299 | 2,258 | (2,692) | 32,219 | |
## Combining Statement of Revenues, Expenses and Changes in Fund Net Position

### Internal Service Funds

**Expressed in thousands**

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Technology Services</th>
<th>General Services</th>
<th>Fleet Operations</th>
<th>Risk Management</th>
<th>Property Management</th>
<th>Human Resource Management</th>
<th>Attorney General Legal Services</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPERATING REVENUES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charges for Services/Premiums</td>
<td>$121,036</td>
<td>$21,401</td>
<td>$64,341</td>
<td>$47,951</td>
<td>$34,821</td>
<td>$14,202</td>
<td>$13,289</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>—</td>
<td>74</td>
<td>246</td>
<td>—</td>
<td>88</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total Operating Revenues</td>
<td>$121,036</td>
<td>$21,475</td>
<td>$64,587</td>
<td>$47,951</td>
<td>$34,909</td>
<td>$14,202</td>
<td>$13,289</td>
</tr>
</tbody>
</table>

| OPERATING EXPENSES   |                  |                  |                 |                    |                          |                               |       |
| Administration       | 86,059           | 4,853            | 3,317           | 3,647              | 10,770                   | 12,381                       | 13,709 | 134,736 |
| Materials and Services for Resale | 5,274 | 10,818 | 31,527 | 23,215 | — | — | — | 70,834 |
| Grants               | —                | —                | 285             | —                  | —                        | —                             | —     | 285     |
| Rentals and Leases   | 209              | 107              | 5,354           | 16                 | 277                      | 19                            | —     | 5,982   |
| Maintenance          | 461              | 468              | 14,071          | 10                 | 12,402                   | 4                             | 1     | 27,417  |
| Depreciation/Amortization | 4,711 | 1,558 | 11,671 | 7 | 30 | 427 | — | 18,404 |
| Benefit Claims       | —                | —                | 22,050          | —                  | —                        | —                             | —     | 22,050  |
| Miscellaneous Other: |                  |                  |                 |                    |                          |                               |       |
| Data Processing      | 11,798           | 605              | 630             | 532                | 561                      | 1,789                         | —     | 15,915  |
| Supplies             | 188              | 88               | 324             | 260                | 184                      | 74                            | —     | 1,118   |
| Utilities            | 8,877            | 42               | 163             | 25                 | 9,145                    | 103                           | —     | 18,355  |
| Other                | 2,480            | 1,278            | 2,251           | 1,117              | 1,336                    | 228                           | —     | 8,690   |
| Total Operating Expenses | $120,057 | $19,817 | $69,308 | $51,164 | $34,705 | $15,025 | $13,710 | $323,786 |
| Operating Income (Loss) | $979     | 1,658           | (4,721)         | (3,213)            | 204                      | (823)                         | (421) | (6,337) |

| NONOPERATING REVENUES (EXPENSES) |                  |                  |                 |                    |                          |                               |       |
| Investment Earnings     | —                | —                | —               | 2,059              | 38                       | —                             | —     | 2,097   |
| Disposal of Capital Assets | (3)       | (8)             | 186             | —                  | —                        | —                             | —     | 175     |
| Interest Expense       | —                | (3)              | —               | —                  | (12)                     | —                             | —     | (15)    |
| Refunds Paid to Federal Government | —       | (248)          | (921)           | (838)              | (3)                      | (24)                          | —     | (2,034) |
| Other Revenues (Expenses) | —            | (530)           | —               | 75                 | —                        | —                             | —     | (455)   |
| Total Nonoperating Revenues (Expenses) | —        | (789)          | (735)           | 1,296              | 23                       | (24)                          | 0     | (232)   |

| Income (Loss) before Capital Contributions and Transfers | 976     | 869            | (5,456)         | (1,917)            | 227                      | (847)                         | (421) | (6,569) |
| Capital Contributions | —                | —               | 1,541           | —                  | 20                       | —                             | —     | 1,561   |
| Transfers In          | 1,200            | —               | 1,785           | —                  | —                        | 149                           | 3,134 |
| Transfers Out         | —                | (200)           | —               | —                  | (58)                     | —                             | —     | (258)   |
| Change in Net Position | 2,176            | 669             | (2,130)         | (1,917)            | 247                      | (905)                         | (272) | (2,132) |
| Net Position – Beginning | (19,063)     | 5,239          | 53,632         | 5,216              | 2,011                    | (1,787)                      | 149   | 45,397  |
| Adjustment to Beginning Net Position | —            | —             | —               | —                  | —                        | (11,046)                     | (11,046) |
| Net Position – Beginning as Adjusted | (19,063)     | 5,239          | 53,632         | 5,216              | 2,011                    | (1,787)                      | (10,897) | 34,351 |

**State of Utah**

181
## Combining Statement of Cash Flows

### Internal Service Funds

(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>CASH FLOWS FROM OPERATING ACTIVITIES</th>
<th>Technology Services</th>
<th>General Services</th>
<th>Fleet Operations</th>
<th>Risk Management</th>
<th>Property Management</th>
<th>Human Resource Management</th>
<th>Attorney General Legal Services</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipts from Customers/Fees/Premiums</td>
<td>$ 827</td>
<td>$ 13,785</td>
<td>$ 18,003</td>
<td>$ 26,529</td>
<td>$ 898</td>
<td>$ 277</td>
<td>$ 865</td>
<td>$ 61,184</td>
</tr>
<tr>
<td>Receipts from State Customers</td>
<td>300,449</td>
<td>47,075</td>
<td>45,081</td>
<td>20,817</td>
<td>33,908</td>
<td>13,391</td>
<td>9,049</td>
<td>469,770</td>
</tr>
<tr>
<td>Payments to Suppliers/Claims/Grants</td>
<td>(200,645)</td>
<td>(48,960)</td>
<td>(19,021)</td>
<td>(29,657)</td>
<td>(24,003)</td>
<td>—</td>
<td>—</td>
<td>(322,286)</td>
</tr>
<tr>
<td>Payments for Employee Services and Benefits</td>
<td>(85,061)</td>
<td>(4,883)</td>
<td>(3,215)</td>
<td>(3,570)</td>
<td>(10,715)</td>
<td>(12,237)</td>
<td>(13,437)</td>
<td>(133,118)</td>
</tr>
<tr>
<td>Payments to State Suppliers and Grants</td>
<td>(10,449)</td>
<td>(4,955)</td>
<td>(32,935)</td>
<td>(10,833)</td>
<td>(321)</td>
<td>(2,110)</td>
<td>—</td>
<td>(61,603)</td>
</tr>
<tr>
<td>Net Cash Provided (Used) by Operating Activities</td>
<td>5,121</td>
<td>2,062</td>
<td>7,913</td>
<td>3,286</td>
<td>(233)</td>
<td>(679)</td>
<td>(3,523)</td>
<td>13,947</td>
</tr>
</tbody>
</table>

| CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES | | | | | | | | |
| Borrowings Under Interfund Loans          | —                   | 464              | 8               | —               | —                   | —                        | 3,225                     | 3,697 |
| Payments of Bonds, Notes, Deposits, and Refunds | —                   | —               | —               | (41)            | —                   | (41)                     | —                         | (41) |
| Interest Paid on Bonds, Notes, and Financing Costs | —                   | —               | —               | (11)            | —                   | (11)                     | —                         | (11) |
| Transfers In from Other Funds             | 1,200               | —               | —               | —               | 149                 | —                        | 1,349                     |
| Transfers Out to Other Funds              | —                   | (200)           | —               | —               | —                   | (258)                    | —                         | — |
| Net Cash Provided (Used) by Noncapital Financing Activities | 1,200 | 264 | 8 | 0 | (52) | (58) | 3,374 | 4,736 |

| CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES | | | | | | | | |
| Borrowings Under Interfund Loans          | 3,810               | 718              | 12,416          | —               | —                   | —                        | 16,944                     |
| Repayments Under Interfund Loans          | (6,321)             | (2,030)          | (15,113)        | —               | —                   | —                        | (23,464)                   |
| Proceeds from Disposition of Capital Assets | —                   | 32               | 3,822           | —               | —                   | —                        | 3,854                      |
| Federal Grants and Other Revenues         | —                   | —               | 1,541           | 20              | —                   | —                        | 1,561                      |
| Principal Paid on Debt and Contract Maturities | —                   | —               | —               | —               | —                   | —                        | (84)                       |
| Acquisition and Construction of Capital Assets | (3,810)             | (865)           | (12,416)        | (84)            | (91)                | —                        | (17,266)                   |
| Interest Paid on Bonds, Notes, and Capital Leases | —                   | (1)             | —               | —               | —                   | —                        | (1)                        |
| Transfers In from Other Funds             | —                   | —               | 1,785           | —               | —                   | —                        | 1,785                      |
| Net Cash Provided (Used) by Capital and Related Financing Activities | (6,321) | (2,230) | (7,965) | 0 | (64) | (91) | 0 | (16,671) |

| CASH FLOWS FROM INVESTING ACTIVITIES | | | | | | | | |
| Receipts of Interest and Dividends from Investments | — | — | — | — | 2,059 | 38 | — | 2,097 |
| Net Cash Provided (Used) by Investing Activities | 0 | 0 | 0 | 2,059 | 38 | 0 | 0 | 2,097 |
| Net Cash Provided (Used) – All Activities | 0 | 96 | (44) | 5,345 | (311) | (828) | (149) | 4,109 |
| Cash and Cash Equivalents – Beginning | 0 | 3,200 | 146 | 64,445 | 6,471 | 1,408 | 149 | 75,859 |
| Cash and Cash Equivalents – Ending | $ 0 | $ 3,336 | $ 102 | $ 69,790 | $ 6,160 | $ 580 | $ 0 | $ 79,968 |

Continues
**State of Utah**

**Combining Statement of Cash Flows**

**Internal Service Funds**

*(expressed in thousands)*

**Continued**

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Technology Services</th>
<th>General Services</th>
<th>Fleet Operations</th>
<th>Risk Management</th>
<th>Property Management</th>
<th>Human Resource Management</th>
<th>Attorney General Legal Services</th>
<th>Total</th>
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<tr>
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<td>$1,658</td>
<td>$(4,721)</td>
<td>$(3,213)</td>
<td>$204</td>
<td>$823</td>
<td>$421</td>
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<td></td>
<td></td>
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<tr>
<td>Depreciation/Amortization Expense</td>
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<td>1,558</td>
<td>11,671</td>
<td>7</td>
<td>30</td>
<td>427</td>
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<tr>
<td>Pension and OPEB Expense Accruals</td>
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<td>1</td>
<td>60</td>
<td>74</td>
<td>50</td>
<td>135</td>
<td>272</td>
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<td>Miscellaneous Gains, Losses, and Other Items</td>
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<td>(778)</td>
<td>(921)</td>
<td>(763)</td>
<td>(3)</td>
<td>(24)</td>
<td>—</td>
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<td>Net Changes in Assets, Deferred Outflows of Resources, Liabilities, and Deferred Inflows of Resources:</td>
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<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Accounts Receivable/Due From Other Funds</td>
<td>(8,900)</td>
<td>1,193</td>
<td>(501)</td>
<td>(167)</td>
<td>(103)</td>
<td>(534)</td>
<td>(3,588)</td>
</tr>
<tr>
<td>Inventories</td>
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<td>130</td>
<td>2,213</td>
<td>—</td>
<td>—</td>
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<td>—</td>
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<tr>
<td>Prepaid Items/Other Assets</td>
<td>(1,649)</td>
<td>(188)</td>
<td>117</td>
<td>(71)</td>
<td>19</td>
<td>83</td>
<td>—</td>
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<td>Accrued Liabilities/Due to Other Funds</td>
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<td>(1,749)</td>
<td>997</td>
<td>1,191</td>
<td>(430)</td>
<td>57</td>
<td>214</td>
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<tr>
<td>Unearned Revenue/Deposits</td>
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<td>(1,002)</td>
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<td>—</td>
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<tr>
<td>Policy Claims Liabilities</td>
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<td>—</td>
<td>6,228</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Net Cash Provided (Used) by Operating Activities</td>
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<td>$2,062</td>
<td>$7,913</td>
<td>$3,286</td>
<td>$(233)</td>
<td>$(679)</td>
<td>$(3,523)</td>
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</table>

**SCHEDULE OF NONCASH INVESTING, CAPITAL, AND FINANCING ACTIVITIES**

| | | | | | | | |
| Increase (Decrease) in Fair Value of Investments | $ | $ | $ | $ | $42 | $ | $ | $ | $42 |
| Total Noncash Investing, Capital, and Financing Activities | $0 | $0 | $0 | $42 | $0 | $0 | $0 | $42 | $42 |
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PENSION AND OTHER EMPLOYEE BENEFIT TRUST FUNDS

Defined Benefit Pension Plans and Defined Contribution Plans
These funds are used to account for the various pension trust funds and defined contribution plans administered by the Utah Retirement Systems. Funding comes from employee and employer contributions and investment earnings. Contributions in some systems are augmented by fees, insurance premium taxes, or legislative appropriations.

Post-Retirement Benefits Trust Funds
The State administers the State Employee and the Elected Official Other Postemployment Benefit Plans as irrevocable trusts. These trust funds account for the assets accumulated and the payments made for other postemployment benefits provided to current and future state employee and elected official retirees. Funding comes from employer contributions and investment earnings.

Other Employee Benefits Trust Funds
These trust funds are used to pay other employee benefits upon retirement or termination.

PRIVATE PURPOSE TRUST FUNDS

Utah Navajo Trust
This fund receives oil royalties, operating, and other trust revenues. Funds received are used for the health, education, and general welfare of Navajo residents of San Juan County, Utah.

Unclaimed Property Trust
This fund is used to account for unclaimed property escheated to the State. Proceeds of the fund pay the administrative costs to operate the fund and any claims. The remaining proceeds are deposited in the Education Fund and can only be used to help fund public education.

Employers’ Reinsurance Trust
This fund primarily provides compensation to individuals injured from industrial accidents or occupational diseases occurring on or before June 30, 1994, where the injury is of a permanent nature and workers’ compensation benefits have expired. Revenues come from assessments on insurance premiums and court-ordered penalties. The net position of the fund is held in trust for injured workers and cannot be used for any other purpose.

Petroleum Storage Tank Trust
This fund is used to pay the costs of damage caused by petroleum storage tank releases and provide revolving loan capital. Sources of funding include fees from participating companies, recovered costs and settlements from responsible parties, and investment income. The net position of this fund is held in trust for the benefit of participants and cannot be used for any other purpose.

Utah Educational Savings Plan Trust (dba My529)
This fund was created as a means to encourage investment in a public trust to pay for future higher education costs. Participant contributions are used to pay for future college expenses.

Miscellaneous Restricted Trust
This is made up of various small individual funds created to receive and disburse funds in accordance with applicable laws and trust agreements.

AGENCY FUNDS

Taxes and Social Security
This fund is used to account for federal withholding and social security taxes on the State’s payroll.

County and Local Collections
This fund receives and disburses various taxes collected by the State on behalf of county and local agencies.

State Courts
This fund receives and disburses various fines and forfeitures collected by the state courts on behalf of state and local agencies.

Deposits, Suspense, and Miscellaneous
This fund is made up of small individual funds established to account for various receipts and disbursements.
# Combining Statement of Fiduciary Net Position

**Pension and Other Employee Benefits Trust Funds**

*expressed in thousands*

June 30, 2019

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>Non-Contributory System</th>
<th>Contributory System</th>
<th>Public Safety System</th>
<th>Firefighters System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$1,229,259</td>
<td>$58,549</td>
<td>$175,994</td>
<td>$60,256</td>
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<td>Receivables:</td>
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<td></td>
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<tr>
<td>Member Contributions</td>
<td>—</td>
<td>94</td>
<td>8</td>
<td>675</td>
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<tr>
<td>Employer Contributions</td>
<td>42,975</td>
<td>274</td>
<td>5,278</td>
<td>274</td>
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<tr>
<td>Court Fees and Fire Insurance Premiums</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>747</td>
</tr>
<tr>
<td>Investments</td>
<td>482,626</td>
<td>22,973</td>
<td>69,048</td>
<td>23,642</td>
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<tr>
<td>Total Receivables</td>
<td>525,601</td>
<td>23,341</td>
<td>74,334</td>
<td>25,338</td>
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<tr>
<td>Investments:</td>
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<td></td>
</tr>
<tr>
<td>Debt Securities</td>
<td>4,192,709</td>
<td>199,572</td>
<td>1,242,643</td>
<td>425,480</td>
</tr>
<tr>
<td>Equity Investments</td>
<td>8,685,749</td>
<td>413,440</td>
<td>177,758</td>
<td></td>
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<tr>
<td>Absolute Return</td>
<td>3,628,762</td>
<td>172,728</td>
<td>413,362</td>
<td>141,536</td>
</tr>
<tr>
<td>Private Equity</td>
<td>2,893,122</td>
<td>137,531</td>
<td>413,362</td>
<td>141,536</td>
</tr>
<tr>
<td>Real Assets</td>
<td>4,108,426</td>
<td>195,560</td>
<td>587,778</td>
<td>201,256</td>
</tr>
<tr>
<td>Invested Securities Lending Collateral</td>
<td>834,951</td>
<td>39,744</td>
<td>119,453</td>
<td>40,901</td>
</tr>
<tr>
<td>Total Investments</td>
<td>24,339,909</td>
<td>1,158,575</td>
<td>3,482,229</td>
<td>1,192,314</td>
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<tr>
<td>Capital Assets:</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Land</td>
<td>1,405</td>
<td>67</td>
<td>201</td>
<td>69</td>
</tr>
<tr>
<td>Buildings and Improvements</td>
<td>15,995</td>
<td>763</td>
<td>2,289</td>
<td>780</td>
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<tr>
<td>Machinery and Equipment</td>
<td>2,469</td>
<td>118</td>
<td>353</td>
<td>120</td>
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<tr>
<td>Intangible Assets</td>
<td>5,220</td>
<td>249</td>
<td>747</td>
<td>255</td>
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<tr>
<td>Less Accumulated Depreciation</td>
<td>(21,400)</td>
<td>(1,021)</td>
<td>(3,062)</td>
<td>(1,044)</td>
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<tr>
<td>Total Capital Assets</td>
<td>3,689</td>
<td>176</td>
<td>528</td>
<td>180</td>
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<tr>
<td>Total Assets</td>
<td>$26,098,458</td>
<td>$1,240,641</td>
<td>$3,733,085</td>
<td>$1,278,088</td>
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<table>
<thead>
<tr>
<th>LIABILITIES</th>
<th>Non-Contributory System</th>
<th>Contributory System</th>
<th>Public Safety System</th>
<th>Firefighters System</th>
</tr>
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<tbody>
<tr>
<td>Accounts Payable</td>
<td>$486,062</td>
<td>$23,166</td>
<td>$69,629</td>
<td>$23,841</td>
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<tr>
<td>Securities Lending Liability</td>
<td>834,951</td>
<td>39,744</td>
<td>119,453</td>
<td>40,901</td>
</tr>
<tr>
<td>Leave/Postemployment Benefits</td>
<td>12,885</td>
<td>614</td>
<td>1,843</td>
<td>631</td>
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<tr>
<td>Insurance Reserves</td>
<td>3,805</td>
<td>181</td>
<td>544</td>
<td>187</td>
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<tr>
<td>Real Estate Liabilities</td>
<td>94,996</td>
<td>4,507</td>
<td>13,547</td>
<td>4,639</td>
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<tr>
<td>Total Liabilities</td>
<td>$1,432,399</td>
<td>$68,212</td>
<td>$205,016</td>
<td>$70,199</td>
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</table>

<table>
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<th>NET POSITION</th>
<th>Non-Contributory System</th>
<th>Contributory System</th>
<th>Public Safety System</th>
<th>Firefighters System</th>
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<tbody>
<tr>
<td>Restricted for:</td>
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<tr>
<td>Pension Benefits</td>
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<td>$1,172,429</td>
<td>$3,528,069</td>
<td>$1,207,889</td>
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<tr>
<td>Other Postemployment Benefits</td>
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<td>—</td>
<td>—</td>
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<tr>
<td>Other Employee Benefits</td>
<td>—</td>
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<td>—</td>
<td>—</td>
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<tr>
<td>Defined Contribution</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Total Net Position</td>
<td>$24,666,059</td>
<td>$1,172,429</td>
<td>$3,528,069</td>
<td>$1,207,889</td>
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</table>
State of Utah

Pension Trust Defined Contributions Plans

<table>
<thead>
<tr>
<th>Judges System</th>
<th>Governors and Legislative Pension Plan</th>
<th>Tier 2 Public Employees</th>
<th>Tier 2 Public Safety and Firefighters</th>
<th>401(k) Plan</th>
<th>457(b) Plan</th>
<th>IRA Plans</th>
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<tbody>
<tr>
<td></td>
<td>$ 9,750</td>
<td>$ 527</td>
<td>$ 20,937</td>
<td>$ 2,687</td>
<td>$ 10,812</td>
<td>$ 377</td>
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<td>324</td>
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<td>100</td>
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<tr>
<td>3,825</td>
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<tr>
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<td>8,966</td>
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<tr>
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<tr>
<td>(168)</td>
<td>(12)</td>
<td>(365)</td>
<td>(46)</td>
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<td>$ 8,616</td>
<td>$ 187</td>
<td>$ 94</td>
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<tr>
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<td>357</td>
<td>14,211</td>
<td>1,822</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>102</td>
<td>5</td>
<td>219</td>
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<td>—</td>
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<td>—</td>
</tr>
<tr>
<td>30</td>
<td>2</td>
<td>65</td>
<td>8</td>
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<td>$ 94</td>
</tr>
<tr>
<td>$ 195,570</td>
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<td>4,834,083</td>
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<td>$ 195,570</td>
<td>$ 10,537</td>
<td>$ 424,633</td>
<td>$ 54,336</td>
<td>$ 4,834,083</td>
<td>$ 544,157</td>
<td>$ 251,696</td>
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Continues
Combining Statement of Fiduciary Net Position  
Pension and Other Employee Benefits Trust Funds  
(expressed in thousands)  
Continued

<table>
<thead>
<tr>
<th></th>
<th>June 30, 2019</th>
<th>Post-Retirement Benefits Trust</th>
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This page intentionally left blank.
Combining Statement of Changes in Fiduciary Net Position  
Pension and Other Employee Benefit Trust Funds  
(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

### ADDITIONS

**Contributions:**
- **Member**
  - Pension Trust: $14,602
  - Non-Contributory System: $2,455
  - Contributory System: $895
  - Firefighters System: $18,305
- **Employer**
  - Pension Trust: 858,444
  - Non-Contributory System: 6,027
  - Contributory System: 147,101
  - Public Safety System: 7,021
- **Court Fees and Fire Insurance Premiums**
  - No amount listed

**Total Contributions**
- Pension Trust: 873,046
- Non-Contributory System: 8,482
- Contributory System: 147,996
- Public Safety System: 34,073

**Investment Income:**
- **Net Increase (Decrease) in Fair Value of Investments**
  - Pension Trust: (589,575)
  - Non-Contributory System: (28,859)
  - Contributory System: (83,966)
  - Public Safety System: (28,833)
- **Interest, Dividends, and Other Investment Income**
  - Pension Trust: 541,933
  - Non-Contributory System: 26,527
  - Contributory System: 77,181
  - Public Safety System: 26,503
- **Total Income From Investment Activity**
  - Pension Trust: (47,642)
  - Non-Contributory System: (2,332)
  - Contributory System: (6,785)
  - Firefighters System: (2,330)

**Less Investment Expenses**
- Pension Trust: (50,182)
- Non-Contributory System: (2,456)
- Contributory System: (7,147)
- Firefighters System: (2,454)

**Net Income from Investment Activity**
- Pension Trust: (97,824)
- Non-Contributory System: (4,788)
- Contributory System: (13,932)
- Firefighters System: (4,784)

**Income from Security Lending Activity**
- Pension Trust: 6,456
- Non-Contributory System: 316
- Contributory System: 918
- Firefighters System: 316

**Less Security Lending Expenses**
- Pension Trust: (839)
- Non-Contributory System: (41)
- Contributory System: (120)
- Firefighters System: (41)

**Net Income from Security Lending Activity**
- Pension Trust: 5,617
- Non-Contributory System: 275
- Contributory System: 798
- Firefighters System: 275

**Net Investment Income**
- Pension Trust: (92,207)
- Non-Contributory System: (4,513)
- Contributory System: (13,134)
- Firefighters System: (4,509)

**Transfers From Affiliated Systems**
- Pension Trust: 13,035
- Non-Contributory System: 6,982
- Contributory System: 1,917

**Total Additions**
- Pension Trust: 793,874
- Non-Contributory System: 3,969
- Contributory System: 141,844
- Firefighters System: 31,481

### DEDUCTIONS

**Retirement Benefits**
- Pension Trust: 1,125,160
- Non-Contributory System: 74,106
- Contributory System: 157,682
- Firefighters System: 46,547

**Cost of Living Benefits**
- Pension Trust: 195,054
- Non-Contributory System: 12,638
- Contributory System: 30,517
- Firefighters System: 10,700

**Supplemental Retirement Benefits**
- No amount listed

**Retiree Healthcare Benefits**
- No amount listed

**Refunds/Plan Distributions**
- Pension Trust: 2,766
- Non-Contributory System: 1,471
- Contributory System: 428
- Firefighters System: 132

**Administrative Expenses**
- Pension Trust: 9,962
- Non-Contributory System: 454
- Contributory System: 1,450
- Firefighters System: 427

**Transfers To Affiliated Systems**
- No amount listed

**Total Deductions**
- Pension Trust: 1,332,942
- Non-Contributory System: 115,006
- Contributory System: 190,292
- Firefighters System: 57,999

### Change in Net Position Restricted for:

**Pension Benefits**
- Pension Trust: (539,068)
- Non-Contributory System: (111,037)
- Contributory System: (48,448)
- Firefighters System: (26,518)

**Other Postemployment Benefits**
- No amount listed

**Other Employee Benefits**
- No amount listed

**Defined Contribution**
- No amount listed

**Net Position – Beginning**
- Pension Trust: 25,205,127
- Non-Contributory System: 1,283,466
- Contributory System: 3,576,517
- Firefighters System: 1,234,407

**Net Position – Ending**
- Pension Trust: 24,666,059
- Non-Contributory System: 1,172,429
- Contributory System: 3,528,069
- Firefighters System: 1,207,889
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Continues
Combining Statement of Changes in Fiduciary Net Position
Pension and Other Employee Benefit Trust Funds
(expresssed in thousands)
Continued

For the Fiscal Year Ended June 30, 2019

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<th>Post-Retirement Benefits Trust</th>
<th>Other Employee Benefits Trust</th>
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State of Utah
## Combining Statement of Fiduciary Net Position
### Private Purpose Trust Funds
*(expressed in thousands)*

June 30, 2019

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<th>Unclaimed Property Trust</th>
<th>Employers’ Reinsurance Trust</th>
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<td>Loans</td>
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<tr>
<td>Investments:</td>
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<td>202,670</td>
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<td>Buildings and Improvements</td>
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<td>Machinery and Equipment</td>
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<td>Intangible Assets</td>
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<td>$18,250</td>
<td>$14,233,036</td>
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<td>$14,662,952</td>
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<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$578</td>
<td>$0</td>
<td>$578</td>
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<td>75</td>
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<td>Unearned Revenue</td>
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<td>376</td>
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<td>Policy Claims Liabilities</td>
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<td>1,007</td>
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<tr>
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<td>$56</td>
<td>$199,345</td>
<td>$26,599</td>
<td>$2,201</td>
<td>$104</td>
<td>$228,446</td>
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<td><strong>DEFERRED INFLOWS OF RESOURCES</strong></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Deferred Inflows Relating to Pensions</td>
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<td>$0</td>
<td>$0</td>
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<td>$0</td>
<td>$318</td>
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</tr>
<tr>
<td>Restricted for:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individuals, Organizations, and Other Governments</td>
<td>$80,480</td>
<td>$107,448</td>
<td>$12,933</td>
<td>$ (8,349)</td>
<td>$14,231,095</td>
<td>$11,159</td>
<td>$14,434,766</td>
</tr>
<tr>
<td>Total Net Position</td>
<td>$80,480</td>
<td>$107,448</td>
<td>$12,933</td>
<td>$ (8,349)</td>
<td>$14,231,095</td>
<td>$11,159</td>
<td>$14,434,766</td>
</tr>
</tbody>
</table>
Combining Statement of Changes in Fiduciary Net Position  
Private Purpose Trust Funds  
(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th></th>
<th>Utah Navajo Trust</th>
<th>Unclaimed Property Trust</th>
<th>Employers' Reinsurance Trust</th>
<th>Petroleum Storage Tank Trust</th>
<th>Utah Educational Savings Plan Trust</th>
<th>Miscellaneous Restricted Trust</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADDITIONS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributions:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 1,320,797</td>
<td>$ 7,273</td>
<td>$ 1,328,070</td>
</tr>
<tr>
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<td>$ 0</td>
<td>$ 0</td>
<td>$ 0</td>
<td>$ 0</td>
<td>$ 1,320,797</td>
<td>$ 7,273</td>
<td>$ 1,328,070</td>
</tr>
<tr>
<td>Investment Income:</td>
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<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Net Increase (Decrease) in Fair Value of Investments</td>
<td>2,426</td>
<td>102</td>
<td>15,706</td>
<td>—</td>
<td>433,656</td>
<td>—</td>
<td>451,890</td>
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<tr>
<td>Interest, Dividends, and Other Investment Income</td>
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<td>3,032</td>
<td>2,406</td>
<td>466</td>
<td>401,995</td>
<td>188</td>
<td>409,335</td>
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<td>$ 3,674</td>
<td>$ 3,134</td>
<td>$ 18,112</td>
<td>$ 466</td>
<td>$ 835,651</td>
<td>$ 188</td>
<td>$ 861,225</td>
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<td>Other Additions:</td>
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<td>Royalties and Rents</td>
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<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 4,177</td>
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<td>Fees, Assessments, and Revenues</td>
<td>1,585</td>
<td>$ —</td>
<td>17,721</td>
<td>6,735</td>
<td>$ —</td>
<td>23,154</td>
<td>49,195</td>
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<td>Court Settlement / Miscellaneous</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 84</td>
<td>$ —</td>
<td>$ 5,201</td>
<td>$ 5,201</td>
<td>5,285</td>
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<tr>
<td>Total Other</td>
<td>$ 5,762</td>
<td>$ 44,465</td>
<td>$ 17,721</td>
<td>$ 6,819</td>
<td>$ 0</td>
<td>$ 28,355</td>
<td>$ 103,122</td>
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<td>$ 9,436</td>
<td>$ 47,599</td>
<td>$ 35,833</td>
<td>$ 7,285</td>
<td>$ 2,156,448</td>
<td>$ 35,816</td>
<td>$ 2,292,417</td>
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<tr>
<td><strong>DEDUCTIONS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Trust Operating Expenses</td>
<td>1,988</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ —</td>
<td>$ 27,155</td>
<td>$ 29,143</td>
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<tr>
<td>Distributions and Benefit Payments</td>
<td>481</td>
<td>27,488</td>
<td>23,201</td>
<td>—</td>
<td>626,212</td>
<td>7,001</td>
<td>684,383</td>
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<td>Administrative and General Expenses</td>
<td>1,391</td>
<td>3,556</td>
<td>3,772</td>
<td>6,610</td>
<td>13,355</td>
<td>848</td>
<td>29,532</td>
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<td>Total Deductions</td>
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<td>$ 31,044</td>
<td>$ 26,973</td>
<td>$ 6,610</td>
<td>$ 639,567</td>
<td>$ 35,004</td>
<td>$ 743,058</td>
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<td>Change in Net Position Restricted for:</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Individuals, Organizations, and Other Governments</td>
<td>5,576</td>
<td>16,555</td>
<td>8,860</td>
<td>675</td>
<td>1,516,881</td>
<td>812</td>
<td>1,549,359</td>
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<tr>
<td>Net Position – Beginning</td>
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<td>90,893</td>
<td>4,073</td>
<td>(9,024)</td>
<td>12,714,214</td>
<td>10,347</td>
<td>12,885,407</td>
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<td>Net Position – Ending</td>
<td>$ 80,480</td>
<td>$ 107,448</td>
<td>$ 12,933</td>
<td>(8,349)</td>
<td>$ 14,231,095</td>
<td>$ 11,159</td>
<td>$ 14,434,766</td>
</tr>
</tbody>
</table>

195
# Combining Statement of Fiduciary Assets and Liabilities

**Agency Funds**

*(expressed in thousands)*

## June 30, 2019

<table>
<thead>
<tr>
<th></th>
<th>Taxes and Social Security</th>
<th>Country and Local Collections</th>
<th>State Courts</th>
<th>Deposits, Suspense, and Miscellaneous</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$39</td>
<td>$148,606</td>
<td>$6,706</td>
<td>$25,655</td>
<td>$181,006</td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>20,048</td>
<td>20,048</td>
</tr>
<tr>
<td>Due From Other Funds</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>123</td>
<td>123</td>
</tr>
<tr>
<td>Debt Securities</td>
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<td>—</td>
<td>3,192</td>
<td>3,309</td>
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<td>37,791</td>
<td>16,330</td>
<td>54,121</td>
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<tr>
<td><strong>Total Assets</strong></td>
<td>$39</td>
<td>$148,723</td>
<td>$44,497</td>
<td>$65,348</td>
<td>$258,607</td>
</tr>
<tr>
<td>Due To Individuals, Organizations, and Other Governments</td>
<td>$39</td>
<td>$148,723</td>
<td>$44,497</td>
<td>$65,348</td>
<td>$258,607</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>$39</td>
<td>$148,723</td>
<td>$44,497</td>
<td>$65,348</td>
<td>$258,607</td>
</tr>
</tbody>
</table>
### Combining Statement of Changes in Assets and Liabilities

**Agency Funds**

*expressed in thousands*

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th>Agency Funds</th>
<th>Balance June 30, 2018</th>
<th>Additions</th>
<th>Deletions</th>
<th>Balance June 30, 2019</th>
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<tbody>
<tr>
<td><strong>TAXES AND SOCIAL SECURITY</strong></td>
<td></td>
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<tr>
<td>Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$ 5</td>
<td>$ 267,399</td>
<td>$ 267,365</td>
<td>$ 39</td>
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<tr>
<td>Total Assets</td>
<td>$ 5</td>
<td>$ 267,399</td>
<td>$ 267,365</td>
<td>$ 39</td>
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<tr>
<td>Liabilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Due To Individuals, Organizations, and Other Governments...</td>
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<td>$ 267,433</td>
<td>$ 267,399</td>
<td>$ 39</td>
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<td>Total Liabilities</td>
<td>$ 5</td>
<td>$ 267,433</td>
<td>$ 267,399</td>
<td>$ 39</td>
</tr>
<tr>
<td><strong>COUNTY AND LOCAL COLLECTIONS</strong></td>
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<tr>
<td>Assets</td>
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<tr>
<td>Cash and Cash Equivalents</td>
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<td>$ 2,013,504</td>
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<td>Due To Individuals, Organizations, and Other Governments...</td>
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<td>$ 2,037,275</td>
<td>$ 2,031,411</td>
<td>$ 148,723</td>
</tr>
<tr>
<td>Total Liabilities</td>
<td>$ 142,859</td>
<td>$ 2,037,275</td>
<td>$ 2,031,411</td>
<td>$ 148,723</td>
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<tr>
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<tr>
<td>Assets</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
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<td>$ 6,706</td>
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<td>109,584</td>
<td>37,791</td>
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<tr>
<td>Total Assets</td>
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<td>$ 125,937</td>
<td>$ 126,118</td>
<td>$ 44,497</td>
</tr>
<tr>
<td>Liabilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Due To Individuals, Organizations, and Other Governments...</td>
<td>$ 44,678</td>
<td>$ 125,943</td>
<td>$ 126,124</td>
<td>$ 44,497</td>
</tr>
<tr>
<td>Total Liabilities</td>
<td>$ 44,678</td>
<td>$ 125,943</td>
<td>$ 126,124</td>
<td>$ 44,497</td>
</tr>
<tr>
<td><strong>DEPOSITS, SUSPENSE, AND MISCELLANEOUS</strong></td>
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</tr>
<tr>
<td>Assets</td>
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<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
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<td>1,081</td>
<td>3,192</td>
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<td>Receivables:</td>
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<td>2,334</td>
<td>1,150</td>
<td>20,048</td>
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<td>123</td>
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<tr>
<td>Due To Individuals, Organizations, and Other Governments...</td>
<td>$ 70,758</td>
<td>$ 511,511</td>
<td>$ 516,921</td>
<td>$ 65,348</td>
</tr>
<tr>
<td>Total Liabilities</td>
<td>$ 70,758</td>
<td>$ 511,511</td>
<td>$ 516,921</td>
<td>$ 65,348</td>
</tr>
<tr>
<td><strong>TOTAL — ALL AGENCY FUNDS</strong></td>
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Utah Communications Authority
The Utah Communications Authority (UCA) provides public safety communications services and facilities on a statewide basis for the benefit and use of state, local, and federal agencies. UCA supports statewide interoperability of emergency communications throughout the State, and manages the 911 funds collected by the State for the benefit of the Public Safety Answering Points within the State. UCA operations are funded through service charges supplemented with federal grants and state fees and appropriations.

Utah Schools for the Deaf and the Blind
The Schools were created to provide education to individuals with hearing and/or vision impairments, through direct and indirect education services, as well as consultation to their families and service providers.

Military Installation Development Authority
This Authority is an independent, nonprofit entity whose purpose is to provide for the development and improvement of project areas near military installations throughout the State. Operations are funded through service charges, project revenue, and state appropriations.

Heber Valley Historic Railroad Authority
This Authority was created to operate, maintain, improve, and provide for a scenic and historic railway in and around the Heber Valley in Wasatch County. Operations are funded primarily through user charges.

Utah State Fair Corporation
This Corporation was created to operate the State Fair Park and conduct the Utah State Fair and other expositions and entertainment events. Operations are funded by admissions, rentals, donations, and state appropriations.

Utah Inland Port Authority
This Authority is an independent, nonprofit corporation whose purpose is to facilitate the development of the authority jurisdictional land to maximize the long-term economic and other benefits for the State. Operations are funded through state appropriations.

Colleges and Universities
The colleges and universities are the State’s public institutions of higher education. The nonmajor institutions of higher education are:

Weber State University | Southern Utah University | Salt Lake Community College | Utah Valley University | Dixie State University | Snow College | Utah System of Technical Colleges
## Combining Statement of Net Position
### Nonmajor Component Units

(expressed in thousands)

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<tr>
<td>1,402</td>
<td>95,767</td>
<td>31,753</td>
<td>112,028</td>
<td>126,459</td>
<td>11,478</td>
</tr>
<tr>
<td>$ 1,402</td>
<td>$ 620,649</td>
<td>$ 229,608</td>
<td>$ 387,498</td>
<td>$ 629,159</td>
<td>$ 183,156</td>
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</tbody>
</table>
### Combining Statement of Activities
#### Nonmajor Component Units
(expressed in thousands)

For the Fiscal Year Ended June 30, 2019

<table>
<thead>
<tr>
<th></th>
<th>Utah Communications Authority</th>
<th>Utah Schools for the Deaf and the Blind</th>
<th>Military Installation Development Authority</th>
<th>Heber Valley Historic Railroad Authority</th>
<th>Utah State Fair Corporation</th>
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<tbody>
<tr>
<td>Expenses</td>
<td>$33,907</td>
<td>$40,856</td>
<td>$18,345</td>
<td>$1,961</td>
<td>$5,400</td>
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<tr>
<td>Program Revenues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Charges for Services:</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Scholarship Allowances</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Sales, Services, and Other Revenues</td>
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<td>7,227</td>
<td>16,663</td>
<td>2,225</td>
<td>5,646</td>
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<tr>
<td>Operating Grants and Contributions</td>
<td>164</td>
<td>1,224</td>
<td>—</td>
<td>44</td>
<td>—</td>
</tr>
<tr>
<td>Capital Grants and Contributions</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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</tr>
<tr>
<td>Total Program Revenues</td>
<td>623</td>
<td>8,451</td>
<td>16,663</td>
<td>2,269</td>
<td>5,646</td>
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<td>Net (Expenses) Revenues</td>
<td>(33,284)</td>
<td>(32,405)</td>
<td>(1,682)</td>
<td>308</td>
<td>246</td>
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<td>General Revenues:</td>
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<td>State Appropriations</td>
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<td>27</td>
<td>24</td>
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<tr>
<td>Gain (Loss) on Sale of Capital Assets</td>
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<tr>
<td>Miscellaneous</td>
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<td>—</td>
<td>5,162</td>
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<tr>
<td>Total General Revenues and Contributions</td>
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<td>5,187</td>
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<td>Change in Net Position</td>
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<td>3,505</td>
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<td>589</td>
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<td>Net Position – Beginning</td>
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<td>2,758</td>
<td>2,461</td>
<td>2,892</td>
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<td>Net Position – Ending</td>
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<td>$6,263</td>
<td>$2,769</td>
<td>$3,481</td>
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<td>State of Utah</td>
<td>Weber State University</td>
<td>Southern Utah University</td>
<td>Salt Lake Community College</td>
<td>Utah Valley University</td>
<td>Dixie State University</td>
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<tr>
<td>--------------</td>
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<td>--------------------------</td>
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</tr>
<tr>
<td></td>
<td>$ 573</td>
<td>$ 255,529</td>
<td>$ 170,421</td>
<td>$ 335,620</td>
<td>$ 120,255</td>
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<tr>
<td></td>
<td>(573)</td>
<td>(44,706)</td>
<td>(34,980)</td>
<td>(34,852)</td>
<td>(34,856)</td>
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<tr>
<td></td>
<td>1,975</td>
<td>90,744</td>
<td>42,661</td>
<td>98,056</td>
<td>91,271</td>
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<td>—</td>
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<tr>
<td></td>
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<tr>
<td></td>
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<td>—</td>
<td>—</td>
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</tr>
<tr>
<td></td>
<td>—</td>
<td>3,874</td>
<td>388</td>
<td>638</td>
<td>132</td>
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<tr>
<td></td>
<td>1,975</td>
<td>94,618</td>
<td>43,049</td>
<td>103,694</td>
<td>117,271</td>
</tr>
<tr>
<td></td>
<td>1,402</td>
<td>49,912</td>
<td>8,069</td>
<td>15,859</td>
<td>82,419</td>
</tr>
<tr>
<td></td>
<td>—</td>
<td>570,737</td>
<td>221,539</td>
<td>371,639</td>
<td>546,740</td>
</tr>
<tr>
<td></td>
<td>$ 1,402</td>
<td>$ 620,649</td>
<td>$ 229,608</td>
<td>$ 387,498</td>
<td>$ 629,159</td>
</tr>
<tr>
<td></td>
<td>$ 1,402</td>
<td>$ 620,649</td>
<td>$ 229,608</td>
<td>$ 387,498</td>
<td>$ 629,159</td>
</tr>
</tbody>
</table>
This page intentionally left blank.
This section of the State of Utah’s Comprehensive Annual Financial Report presents detailed information as a context for understanding what the information in the financial statements, notes to the financial statements, and required supplementary information says about the State’s overall financial health.

Financial Trends Information
These schedules present trend information to help the reader understand how the State’s financial performance and fiscal health have changed over time.

<table>
<thead>
<tr>
<th>Schedule A-1</th>
<th>Net Position by Component</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule A-2</td>
<td>Changes in Net Position</td>
<td></td>
</tr>
<tr>
<td>Schedule A-3</td>
<td>Fund Balances – Governmental Funds</td>
<td></td>
</tr>
<tr>
<td>Schedule A-4</td>
<td>Changes in Fund Balances – Governmental Funds</td>
<td></td>
</tr>
</tbody>
</table>

Revenue Capacity Information
These schedules contain information to help the reader understand the State’s capacity to raise revenues and the sources of those revenues.

<table>
<thead>
<tr>
<th>Schedule B-1</th>
<th>Revenue Base</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule B-2</td>
<td>Revenue Payers by Industry – Taxable Sales, Services and Use Tax Purchases</td>
<td></td>
</tr>
<tr>
<td>Schedule B-3</td>
<td>Revenue Payers – Personal Income Tax</td>
<td></td>
</tr>
<tr>
<td>Schedule B-4</td>
<td>Personal Income Tax Rates</td>
<td></td>
</tr>
</tbody>
</table>

Debt Capacity Information
These schedules present information to help the reader understand and assess the State’s levels of outstanding debt and the State’s ability to issue additional debt in the future.

<table>
<thead>
<tr>
<th>Schedule C-1</th>
<th>Ratios of Outstanding Debt by Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule C-2</td>
<td>Long-term Debt and Other Long-Term Liabilities</td>
<td></td>
</tr>
<tr>
<td>Schedule C-3</td>
<td>Legal Debt Margin</td>
<td></td>
</tr>
<tr>
<td>Schedule C-4</td>
<td>Statutory Debt Limit</td>
<td></td>
</tr>
<tr>
<td>Schedule C-5</td>
<td>Pledged Revenue Bond Coverage</td>
<td></td>
</tr>
</tbody>
</table>

Demographic and Economic Information
These schedules contain demographic and economic indicators to help the reader understand the environment within which the State’s financial activities take place.

<table>
<thead>
<tr>
<th>Schedule D-1</th>
<th>Demographic and Economic Indicators</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule D-2</td>
<td>Principal Employers</td>
<td></td>
</tr>
<tr>
<td>Schedule D-3</td>
<td>Composition of Labor Force</td>
<td></td>
</tr>
<tr>
<td>Schedule D-4</td>
<td>Public Education Student Enrollment (K-12)</td>
<td></td>
</tr>
<tr>
<td>Schedule D-5</td>
<td>Public Higher Education Enrollment</td>
<td></td>
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</tbody>
</table>

Operating Information
These schedules offer operating data to help the reader understand how the information in the State’s financial report relates to the services it provides and the activities it performs.

<table>
<thead>
<tr>
<th>Schedule E-1</th>
<th>Full-Time Equivalent State Employees by Function</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule E-2</td>
<td>Operating Indicators by Function</td>
<td></td>
</tr>
<tr>
<td>Schedule E-3</td>
<td>Capital Asset Statistics by Function</td>
<td></td>
</tr>
</tbody>
</table>

Other Information
These graphs and schedules offer a historical view of expenditures in constant dollars.

<table>
<thead>
<tr>
<th>Schedule F-1</th>
<th>Expenditures – Historical and Constant Dollars</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule F-2</td>
<td>Per Capita Expenditures – Historical and Constant Dollars</td>
<td></td>
</tr>
</tbody>
</table>

Sources: Unless otherwise noted, the information in the following schedules is derived from the State of Utah Comprehensive Annual Financial Report.
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governmental Activities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Investment in Capital Assets</td>
<td>$17,147,477</td>
<td>$16,827,887</td>
<td>$16,370,572</td>
<td>$15,478,397</td>
</tr>
<tr>
<td>Restricted</td>
<td>$4,953,627</td>
<td>$4,693,165</td>
<td>$4,251,152</td>
<td>$3,864,294</td>
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<tr>
<td>Unrestricted</td>
<td>$1,847,710</td>
<td>$1,249,827</td>
<td>$819,880</td>
<td>$1,011,204</td>
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<tr>
<td>Total Governmental Activities Net Position</td>
<td>$23,948,814</td>
<td>$22,770,879</td>
<td>$21,441,604</td>
<td>$20,353,895</td>
</tr>
<tr>
<td>Business-type Activities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Investment in Capital Assets</td>
<td>32,972</td>
<td>29,237</td>
<td>19,440</td>
<td>20,384</td>
</tr>
<tr>
<td>Restricted</td>
<td>$2,286,785</td>
<td>$2,221,712</td>
<td>$2,110,776</td>
<td>$2,065,552</td>
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<tr>
<td>Unrestricted</td>
<td>$1,319,130</td>
<td>$1,287,673</td>
<td>$1,228,915</td>
<td>$1,169,162</td>
</tr>
<tr>
<td>Total Business-type Activities Net Position</td>
<td>$3,638,887</td>
<td>$3,538,622</td>
<td>$3,359,131</td>
<td>$3,255,098</td>
</tr>
<tr>
<td>Primary Government</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Investment in Capital Assets</td>
<td>17,180,449</td>
<td>16,857,124</td>
<td>16,390,012</td>
<td>15,498,781</td>
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<tr>
<td>Restricted</td>
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<td>6,914,877</td>
<td>6,361,928</td>
<td>5,929,846</td>
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<tr>
<td>Unrestricted</td>
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<td>2,537,500</td>
<td>2,048,795</td>
<td>2,180,366</td>
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<tr>
<td>Total Primary Government Net Position</td>
<td>$27,587,701</td>
<td>$26,309,501</td>
<td>$24,800,735</td>
<td>$23,608,993</td>
</tr>
</tbody>
</table>

*This schedule is presented using the accrual basis of accounting.

Note: This schedule has been restated for prior period adjustments, if practical, which were made to the fiscal year and preceding fiscal year in which the prior period adjustment was identified.

1 In fiscal years 2011 to 2013, restricted net position increased due to slightly higher revenues from a strengthening economy. In fiscal year 2014 to 2017, restricted net position increased primarily due to an increase in investment values because of general market conditions. In fiscal year 2015, higher tax revenues also contributed to the increase in restricted net position. In fiscal year 2017, unspent restricted revenue as a result of a gas tax increase also contributed to the increase in restricted net position. In fiscal year 2018, restricted net position increased due to higher tax revenues from continued growth in the economy, an increase in unspent bond proceeds for transportation and capital projects, and an increase in investment values because of general market conditions. In fiscal year 2019, restricted net position increased due to an increase in investment values because of general market conditions and higher tax revenues from continued growth in the economy. Recent federal tax changes also caused a temporary surge in corporate tax revenues as corporations repatriated foreign corporate earnings.

2 In fiscal year 2014, governmental activities’ unrestricted net position increased due to an increase in carry-forward balances. In fiscal year 2015, unrestricted net position decreased due to the implementation of Governmental Accounting Standards Board Statement 68, Accounting and Financial Reporting for Pensions that required the measurement and recognition of the State’s net pension liability. In fiscal year 2017, unrestricted net position decreased primarily due to a decrease in amounts unspent and carried forward in the General Fund and for transportation and capital projects. In fiscal years 2018 and 2019, unrestricted net position increased due to an increase in amounts unspent and carried forward in the General Fund and for transportation projects. In fiscal year 2019, capital projects also contributed to this increase.

3 From fiscal year 2011 to 2019, restricted net position has continued to steadily increase due to unemployment revenues exceeding related claims.

4 In fiscal years 2012 to 2014, business-type activities’ unrestricted net position increased primarily due to the State providing additional capital to the loan funds from mineral lease revenue and dedicated sales tax revenues. In fiscal years 2017 to 2019, business-type activities’ unrestricted net position increased primarily due to the State providing additional capital to the loan funds from dedicated sales tax revenues.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$14,789,631</td>
<td>$14,025,472</td>
<td>$13,481,005</td>
<td>$12,773,959</td>
<td>$12,358,579</td>
<td>$12,005,321</td>
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<td></td>
<td>$3,877,468</td>
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<td>$3,120,501</td>
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<td>$12,862</td>
<td>$13,061</td>
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<td>$1,734,512</td>
<td>$1,616,819</td>
<td>$1,463,006</td>
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<td>$1,272,090</td>
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<td>$1,094,041</td>
<td>$1,053,270</td>
<td>$984,552</td>
<td>$937,452</td>
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<td>$3,150,015</td>
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<td>$2,724,872</td>
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<td>$14,806,371</td>
<td>$14,039,670</td>
<td>$13,495,017</td>
<td>$12,787,252</td>
<td>$12,371,441</td>
<td>$12,018,382</td>
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<td>$5,853,327</td>
<td>$5,334,551</td>
<td>$4,737,320</td>
<td>$4,064,088</td>
<td>$3,649,472</td>
<td>$3,281,258</td>
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<td>$2,045,942</td>
<td>$2,728,160</td>
<td>$2,399,834</td>
<td>$2,136,687</td>
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<td>$1,832,969</td>
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<tr>
<td></td>
<td>$22,705,640</td>
<td>$22,102,381</td>
<td>$20,632,171</td>
<td>$18,988,027</td>
<td>$18,060,691</td>
<td>$17,132,609</td>
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### GOVERNMENTAL ACTIVITIES

#### Expenses

<table>
<thead>
<tr>
<th>Item</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Government</td>
<td>$576,183</td>
<td>$503,430</td>
<td>$476,428</td>
<td>$457,564</td>
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<tr>
<td>Human Services and Juvenile Justice Services</td>
<td>932,553</td>
<td>854,614</td>
<td>818,058</td>
<td>765,027</td>
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<tr>
<td>Corrections</td>
<td>340,123</td>
<td>314,701</td>
<td>297,587</td>
<td>282,538</td>
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<tr>
<td>Public Safety</td>
<td>363,510</td>
<td>307,121</td>
<td>266,032</td>
<td>245,598</td>
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<td>Courts</td>
<td>165,833</td>
<td>162,049</td>
<td>150,066</td>
<td>142,913</td>
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<tr>
<td>Health and Environmental Quality</td>
<td>2,979,063</td>
<td>2,807,215</td>
<td>2,719,553</td>
<td>2,600,928</td>
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<td>Higher Education</td>
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<td>1,318,207</td>
<td>1,104,855</td>
<td>1,137,364</td>
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<tr>
<td>Employment and Family Services</td>
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<td>753,205</td>
<td>760,777</td>
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<tr>
<td>Natural Resources</td>
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<td>238,545</td>
<td>225,176</td>
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<tr>
<td>Heritage and Arts</td>
<td>31,928</td>
<td>30,279</td>
<td>28,874</td>
<td>27,048</td>
</tr>
<tr>
<td>Business, Labor, and Agriculture</td>
<td>122,449</td>
<td>116,964</td>
<td>106,523</td>
<td>112,809</td>
</tr>
<tr>
<td>Public Education</td>
<td>1,288,760</td>
<td>970,442</td>
<td>888,854</td>
<td>825,923</td>
</tr>
<tr>
<td>Transportation</td>
<td>83,657</td>
<td>85,141</td>
<td>84,820</td>
<td>93,598</td>
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<tr>
<td>Net Program (Expense) - Governmental Activities</td>
<td>7,796,279</td>
<td>7,010,020</td>
<td>6,314,212</td>
<td>6,320,111</td>
</tr>
</tbody>
</table>

#### Program Revenues

<table>
<thead>
<tr>
<th>Item</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Tax and Use Tax</td>
<td>2,804,457</td>
<td>2,648,552</td>
<td>2,402,809</td>
<td>2,300,368</td>
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<tr>
<td>Corporate Tax Imposed for Education</td>
<td>529,279</td>
<td>422,980</td>
<td>327,266</td>
<td>354,979</td>
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<td>Other Taxes</td>
<td>398,486</td>
<td>398,940</td>
<td>355,075</td>
<td>354,000</td>
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<tr>
<td>Investment Income</td>
<td>60,503</td>
<td>34,424</td>
<td>22,058</td>
<td>9,365</td>
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<tr>
<td>Gain on Sale of Capital Assets</td>
<td>65,471</td>
<td>40,871</td>
<td>54,012</td>
<td>27,048</td>
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<tr>
<td>Miscellaneous</td>
<td>104,415</td>
<td>139,753</td>
<td>106,723</td>
<td>82,882</td>
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<tr>
<td>Special Item: Comprehensive Health Insurance Pool Transfer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfers–Internal Activities</td>
<td>143,736</td>
<td>96,245</td>
<td>135,338</td>
<td>128,148</td>
</tr>
<tr>
<td>Prior Period Adjustments and Restatements</td>
<td>(15,469)</td>
<td>(14,469)</td>
<td>(14,469)</td>
<td>(14,469)</td>
</tr>
<tr>
<td>Increase (Decrease) in Net Position</td>
<td>8,974,214</td>
<td>8,339,295</td>
<td>7,535,131</td>
<td>7,118,381</td>
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<tr>
<td>Change in Net Position - Governmental Activities</td>
<td>1,177,935</td>
<td>1,329,275</td>
<td>1,220,919</td>
<td>798,270</td>
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</table>

### General Revenues and Other Changes in Net Position

<table>
<thead>
<tr>
<th>Item</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
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<tr>
<td>Sales Tax and Use Tax</td>
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<td>Individual Income Tax Imposed for Education</td>
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<tr>
<td>Corporate Tax Imposed for Education</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Taxes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gain on Sale of Capital Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Item: Comprehensive Health Insurance Pool Transfer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfers–Internal Activities</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Prior Period Adjustments and Restatements</td>
<td>(15,469)</td>
<td>(14,469)</td>
<td>(14,469)</td>
<td>(14,469)</td>
</tr>
<tr>
<td>Increase (Decrease) in Net Position</td>
<td>8,974,214</td>
<td>8,339,295</td>
<td>7,535,131</td>
<td>7,118,381</td>
</tr>
<tr>
<td>Change in Net Position - Governmental Activities</td>
<td>1,177,935</td>
<td>1,329,275</td>
<td>1,220,919</td>
<td>798,270</td>
</tr>
</tbody>
</table>

---

**Schedule A-2**

**Changes in Net Position**

Last Ten Fiscal Years

*(expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
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<tbody>
<tr>
<td>------------</td>
<td>-------</td>
<td>-------</td>
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<td>-------</td>
</tr>
<tr>
<td>$</td>
<td>442,340 $</td>
<td>417,067 $</td>
<td>406,065 $</td>
<td>420,612 $</td>
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<tr>
<td>718,731</td>
<td>690,117 $</td>
<td>671,831 $</td>
<td>646,565 $</td>
<td>648,456 $</td>
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<tr>
<td>273,695</td>
<td>268,346 $</td>
<td>255,679 $</td>
<td>249,569 $</td>
<td>243,616 $</td>
</tr>
<tr>
<td>231,250</td>
<td>243,783 $</td>
<td>254,503 $</td>
<td>241,101 $</td>
<td>204,627 $</td>
</tr>
<tr>
<td>129,951</td>
<td>128,877 $</td>
<td>124,660 $</td>
<td>123,405 $</td>
<td>123,604 $</td>
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<tr>
<td>2,503,794</td>
<td>2,410,760 $</td>
<td>2,259,695 $</td>
<td>2,145,929 $</td>
<td>2,001,233 $</td>
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<tr>
<td>1,004,382</td>
<td>908,795 $</td>
<td>884,755 $</td>
<td>1,115,301 $</td>
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<td>724,477</td>
<td>693,189 $</td>
<td>786,221 $</td>
<td>712,388 $</td>
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<td>194,026</td>
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<td>157,145 $</td>
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<td>22,447 $</td>
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<td>159,755 $</td>
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<tr>
<td>100,566</td>
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<td>100,385 $</td>
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<td>3,000,117 $</td>
<td>3,058,046 $</td>
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<td>797,392</td>
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<td>836,488 $</td>
<td>738,877 $</td>
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<tr>
<td>98,442</td>
<td>110,034 $</td>
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<tr>
<td>10,580,906</td>
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<td>9,927,345 $</td>
<td>9,485,247 $</td>
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<td>181,907</td>
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<td>178,354 $</td>
<td>140,794 $</td>
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<tr>
<td>11,744</td>
<td>12,529 $</td>
<td>18,204 $</td>
<td>11,905 $</td>
<td>12,140 $</td>
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<tr>
<td>5,106</td>
<td>5,463 $</td>
<td>4,743 $</td>
<td>4,715 $</td>
<td>5,988 $</td>
</tr>
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<td>60,528</td>
<td>63,831 $</td>
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<tr>
<td>54,615</td>
<td>52,390 $</td>
<td>53,900 $</td>
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<td>57,959 $</td>
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<tr>
<td>313,376</td>
<td>289,198 $</td>
<td>268,753 $</td>
<td>230,318 $</td>
<td>150,763 $</td>
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<td>5,187,092 $</td>
<td>5,029,833 $</td>
<td>4,999,362 $</td>
<td>5,096,650 $</td>
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<tr>
<td>2,206,633</td>
<td>2,121,518 $</td>
<td>2,090,841 $</td>
<td>1,931,045 $</td>
<td>1,812,271 $</td>
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<tr>
<td>3,280,568</td>
<td>2,918,991 $</td>
<td>2,969,128 $</td>
<td>2,525,082 $</td>
<td>2,384,025 $</td>
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<tr>
<td>369,747</td>
<td>321,424 $</td>
<td>331,080 $</td>
<td>284,666 $</td>
<td>226,726 $</td>
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<tr>
<td>370,974</td>
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<td>351,553 $</td>
<td>351,346 $</td>
<td>355,042 $</td>
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<td>386,228</td>
<td>431,901 $</td>
<td>399,788 $</td>
<td>415,190 $</td>
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<tr>
<td>7,804</td>
<td>8,829 $</td>
<td>6,726 $</td>
<td>8,464 $</td>
<td>7,480 $</td>
</tr>
<tr>
<td>28,131</td>
<td>20,012 $</td>
<td>30,580 $</td>
<td>17,294 $</td>
<td>19,727 $</td>
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<td>94,616</td>
<td>40,577 $</td>
<td>46,884 $</td>
<td>58,851 $</td>
<td>35,403 $</td>
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<tr>
<td>16,288</td>
<td>— $</td>
<td>— $</td>
<td>— $</td>
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<tr>
<td>109,028</td>
<td>44,305 $</td>
<td>76,231 $</td>
<td>43,091 $</td>
<td>47,431 $</td>
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<tr>
<td>1,940</td>
<td>104,699 $(56,010)</td>
<td>— $(56,010)</td>
<td>— $(56,010)</td>
<td>— $(56,010)</td>
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<tr>
<td>6,871,957</td>
<td>6,267,379 $</td>
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<td>5,230,003 $</td>
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<tr>
<td>1,256,507</td>
<td>1,214,749 $</td>
<td>1,448,841 $</td>
<td>707,046 $</td>
<td>841,406 $</td>
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## BUSINESSES-TYPE ACTIVITIES

### Expenses

<table>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Student Assistance Programs</td>
<td>$114,087</td>
<td>$120,169</td>
<td>$136,037</td>
<td>$154,247</td>
</tr>
<tr>
<td>Unemployment Compensation</td>
<td>$152,359</td>
<td>$156,121</td>
<td>$175,354</td>
<td>$182,516</td>
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<tr>
<td>Water Loan Programs</td>
<td>$13,744</td>
<td>$12,613</td>
<td>$15,998</td>
<td>$14,913</td>
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<tr>
<td>Community and Economic Loan Programs</td>
<td>$2,402</td>
<td>$4,991</td>
<td>$9,074</td>
<td>$5,253</td>
</tr>
<tr>
<td>Liquor Retail Sales</td>
<td>$311,261</td>
<td>$292,936</td>
<td>$277,965</td>
<td>$260,755</td>
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<tr>
<td>Other Business-type Activities</td>
<td>$45,344</td>
<td>$45,065</td>
<td>$45,612</td>
<td>$37,849</td>
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<td><strong>Total Expenses</strong></td>
<td>$639,197</td>
<td>$631,895</td>
<td>$660,040</td>
<td>$655,533</td>
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</table>

### Program Revenues

Charges for Services:

<table>
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</thead>
<tbody>
<tr>
<td>Student Assistance Programs</td>
<td>$97,239</td>
<td>$101,350</td>
<td>$108,057</td>
<td>$123,218</td>
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<tr>
<td>Unemployment Compensation</td>
<td>$169,468</td>
<td>$187,754</td>
<td>$210,907</td>
<td>$240,709</td>
</tr>
<tr>
<td>Water Loan Programs</td>
<td>$729</td>
<td>$234</td>
<td>$746</td>
<td>$902</td>
</tr>
<tr>
<td>Community and Economic Loan Programs</td>
<td>$3,159</td>
<td>$3,137</td>
<td>$3,393</td>
<td>$3,208</td>
</tr>
<tr>
<td>Liquor Retail Sales</td>
<td>$430,829</td>
<td>$407,694</td>
<td>$384,009</td>
<td>$364,482</td>
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<tr>
<td>Other Business-type Activities</td>
<td>$45,891</td>
<td>$43,991</td>
<td>$47,994</td>
<td>$34,968</td>
</tr>
<tr>
<td>Operating Grants and Contributions</td>
<td>$33,575</td>
<td>$44,392</td>
<td>$39,053</td>
<td>$46,118</td>
</tr>
<tr>
<td><strong>Total Program Revenues</strong></td>
<td>$780,890</td>
<td>$788,552</td>
<td>$794,159</td>
<td>$813,605</td>
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</table>

Net Program Revenue (Expense) —

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<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Business-type Activities</td>
<td>$141,693</td>
<td>$156,657</td>
<td>$134,119</td>
<td>$158,072</td>
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### General Revenues and Other Changes in Net Position

**Taxes:**

<table>
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<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Tax and Use Tax</td>
<td>$34,278</td>
<td>$59,864</td>
<td>$57,528</td>
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</tr>
<tr>
<td>Investment Income 8</td>
<td>$68,162</td>
<td>$56,561</td>
<td>$49,349</td>
<td>$45,318</td>
</tr>
<tr>
<td>Gain on Sale of Capital Assets</td>
<td>(132)</td>
<td>—</td>
<td>$529</td>
<td>—</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>—</td>
<td>$2,654</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Transfers—Internal Activities</td>
<td>$(143,736)</td>
<td>$(96,245)</td>
<td>$(135,338)</td>
<td>$(128,148)</td>
</tr>
<tr>
<td>Capital Contributions</td>
<td>—</td>
<td>—</td>
<td>$37</td>
<td>—</td>
</tr>
<tr>
<td>Prior Period Adjustments and Restatements</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total General Revenues and Other Changes in Net Position</strong></td>
<td>$(41,428)</td>
<td>$22,834</td>
<td>$(27,895)</td>
<td>$(52,989)</td>
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</table>

**Change in Net Position — Business-type Activities — Increase (Decrease):**

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Change in Net Position — Business-type Activities</td>
<td>$100,265</td>
<td>$179,491</td>
<td>$106,224</td>
<td>$105,083</td>
</tr>
<tr>
<td><strong>Total Primary Government Change in Net Position</strong></td>
<td>$1,278,200</td>
<td>$1,508,766</td>
<td>$1,327,143</td>
<td>$903,353</td>
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</tbody>
</table>

*This schedule is presented using the accrual basis of accounting.

Notes: This schedule also has been restated for prior period adjustments, if practical, which were made to the fiscal year and preceding fiscal year in which the prior period adjustment was identified.

1. Health and Environmental Quality expenses have increased over the last ten fiscal years due to rising Medicaid program costs.
2. In fiscal year 2013, legislative action moved the Housing and Community Development Division from Heritage and Arts to Employment and Family Services.
3. Public Education expenses continue to increase for both enrollment growth and benefit-related costs for educators.
4. In fiscal year 2019, Transportation expenses increased primarily due to a decrease in the amount spent for capital outlay.
5. In fiscal years 2011 to 2019, general tax revenues increased due to higher revenues from a strengthening economy. In fiscal year 2019, corporate tax revenues also increased due to recent federal tax changes, which created a temporary surge as corporations repatriated foreign corporate earnings.
In fiscal years 2011 to 2015, Unemployment Compensation expenses decreased reflecting Utah’s improving economy and employment.

In fiscal years 2010 and 2011, Operating Grants and Contributions increased overall from the preceding and subsequent years, primarily due to increased federal programs funded in part by the American Recovery and Reinvestment Act in the Unemployment Compensation Fund and additional operating grants issued for loan related programs.

In fiscal year 2016, Investment Income of business-type activities was reclassified to other general revenues from operating grants and contributions. This change was made to comply with applicable governmental accounting standards. Prior years have been restated.
State of Utah

Schedule A–3
Fund Balances — Governmental Funds*
Last Ten Fiscal Years
(expressed in thousands)

<table>
<thead>
<tr>
<th>Fund Balances — Governmental Funds</th>
<th>Fiscal Year</th>
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</thead>
<tbody>
<tr>
<td>General Fund</td>
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<tr>
<td>Nonspendable:</td>
<td></td>
</tr>
<tr>
<td>Long-term Portion of Interfund Loans Receivable</td>
<td>$12,063</td>
</tr>
<tr>
<td>Prepaid Items</td>
<td>$7,625</td>
</tr>
<tr>
<td>Inventories</td>
<td>$421</td>
</tr>
<tr>
<td>Restricted</td>
<td>$43,241</td>
</tr>
<tr>
<td>Commited</td>
<td>$835,171</td>
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<tr>
<td>Assigned</td>
<td>$339,999</td>
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<tr>
<td>Unassigned</td>
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</tr>
<tr>
<td>Total General Fund</td>
<td>$1,238,520</td>
</tr>
<tr>
<td>All Other Governmental Funds</td>
<td></td>
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<tr>
<td>Nonspendable:</td>
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<tr>
<td>Prepaid Items</td>
<td>$437</td>
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<tr>
<td>Inventories</td>
<td>$12,769</td>
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<tr>
<td>Permanent Fund Principal</td>
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<tr>
<td>Restricted</td>
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<td>Commited</td>
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<tr>
<td>Assigned</td>
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</tr>
<tr>
<td>Total All Other Governmental Funds</td>
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</tr>
<tr>
<td>Total Fund Balances — Governmental Funds</td>
<td>$7,316,843</td>
</tr>
</tbody>
</table>

*This schedule is presented using the modified accrual basis of accounting.

Notes: This schedule has been restated for prior period adjustments, if practical, which were made to the fiscal year and preceding fiscal year in which the prior period adjustment was identified.

1 Nonspendable fund balance within the General Fund as to prepaid items varies from year to year due to the timing of year-end payments. The long-term portion of interfund loans receivable with Internal Service Funds varies from year to year based on changes in loan balances and projections for repayments for the next year.

2 In fiscal year 2018 and 2019, the committed fund balance within the General Fund increased due to an increase in monies set aside for specific purposes.

3 In fiscal year 2016, the assigned fund balance within the General Fund decreased due to a reduction in the amount set aside for next year’s budget. In fiscal year 2018, the assigned fund balance increased due to an increase in the amount set aside for next year’s budget.

4 In fiscal years 2013 to 2017, the nonspendable fund balance within other governmental funds increased primarily due to a change in investment values as a result of the rebounding and then prospering economy. In fiscal year 2018, the nonspendable balance decreased due to the reclassification of a portion of the fund balance within the Permanent Fund to restricted fund balance. This reclassification was the result of a constitutional amendment that implemented a new spending plan to allow the distribution of Permanent Fund earnings.

5 In fiscal year 2017, the restricted fund balance within other governmental funds increased primarily due to an increase in the unspent balance of restricted resources within the Transportation Fund as the result of an increase in the motor and special fuels tax and also higher fuel consumption. In fiscal year 2018, the increase within other governmental funds was primarily due to the reclassification of a portion of the Permanent Fund, as explained in note 4. The balance of the increase was due to an increase in the unspent balance of restricted resources within the Education Fund as a result of growth in the individual and corporate income tax and increases within the Capital Projects and Transportation Investment Funds due to unspent bond proceeds.

6 In fiscal years 2012 to 2014, the committed fund balance within other governmental funds increased as a result of sales and use tax diversions for transportation projects. In fiscal years 2016 and 2017, the committed fund balance decreased as expenditures increased for transportation projects utilizing sales and use tax revenue. In fiscal year 2018, the committed fund balance within other governmental funds increased due to growth in sales and use tax revenue allocated for transportation projects. In fiscal year 2019, the committed fund balance within other governmental funds increased primarily due to growth in sales and use tax revenue for transportation, and also due to new sales and use tax diversions for the Medicaid and outdoor recreation grant programs.

7 The assigned fund balance within other governmental funds varies from year to year due to changes in funding provided for capital projects.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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215
## Revenues

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## Expenditures

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## Other Financing Sources (Uses)

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<td>(1,876,592)</td>
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<td><strong>Total Other Financing Sources (Uses)</strong></td>
<td><strong>329,444</strong></td>
<td><strong>719,698</strong></td>
<td><strong>188,339</strong></td>
<td><strong>255,245</strong></td>
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### Special Item

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<td><strong>Total Other Financing Sources (Uses)</strong></td>
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<td><strong>719,698</strong></td>
<td><strong>188,339</strong></td>
<td><strong>255,245</strong></td>
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**Net Change in Fund Balances**

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<td>$696,201</td>
<td>$970,789</td>
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### Debt Service as a Percentage of Noncapital Expenditures

|                                    | 2.74%      | 3.18%      | 3.78%      | 4.17%      |

*This schedule is presented using the modified accrual basis of accounting.

Notes: This schedule also has been restated for prior period adjustments, if practical, which were made to the fiscal year and preceding fiscal year in which the prior period adjustment was identified.

1. In fiscal years 2011 to 2019, tax revenues increased due to a rebounding and then prospering economy. In fiscal year 2019, the increase in corporate tax revenues was also due to recent federal tax changes, which created a temporary surge as corporations repatriated foreign corporate earnings.

2. In fiscal years 2016 and 2017, motor and special fuels tax increased due in part to a tax increase that became effective in mid-2016, and also as a result of higher fuel consumption. In fiscal year 2019, the increase in motor and special fuels tax was due in part to a tax increase that became effective in mid-2019, and also as a result of higher fuel consumption.

3. In fiscal year 2017, federal contracts and grants increased due to an increase in funding provided for the Medicaid program and highway projects. In fiscal years 2018 and 2019, the increase was the result of an increase in funding provided for the Medicaid program.

4. In fiscal year 2016, federal mineral lease revenue decreased due to lower energy prices and a decline in production.

5. Significant changes in investment income from year to year are due to the change in the fair value of investments as a result of general market conditions.
### Fiscal Year Expenditures

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<tr>
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</tr>
<tr>
<td>Health and Environmental Quality</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<td>$226,175</td>
<td>$33,240</td>
<td>$609,920</td>
<td>$1,034,970</td>
<td>$982,170</td>
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<td>—</td>
<td>$196,610</td>
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<tr>
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<td>$24,656</td>
<td>$8,346</td>
<td>$92,558</td>
<td>$94,689</td>
<td>$65,853</td>
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<td>Employment and Family Services</td>
<td>(267,870)</td>
<td>—</td>
<td>$24,358</td>
<td>—</td>
<td>(234,873)</td>
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<tr>
<td>Health and Environmental Quality</td>
<td>$29,274</td>
<td>$24,596</td>
<td>$8,346</td>
<td>$92,558</td>
<td>$94,689</td>
<td>$65,853</td>
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<td>Housing and Community Development</td>
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<td>$1,489,272</td>
<td>$1,360,691</td>
<td>$1,097,387</td>
<td>$1,125,598</td>
<td>$929,044</td>
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<td>Employment and Family Services</td>
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<td>$(1,445,189)</td>
<td>$(1,283,764)</td>
<td>$(1,052,391)</td>
<td>$(1,077,907)</td>
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<tr>
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<td>$319,510</td>
<td>$152,734</td>
<td>$774,882</td>
<td>$1,159,343</td>
<td>$1,230,383</td>
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<td>Health and Environmental Quality</td>
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<td>$416,434</td>
<td>$195,499</td>
<td>$323,346</td>
<td>$174,922</td>
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</tbody>
</table>

| Difference | $4.22% | $4.60% | $4.59% | $4.45% | $3.85% | $3.29% |

6 Expenditures for Health and Environmental Quality have increased over the last ten fiscal years due to rising Medicaid program costs.

7 In fiscal year 2013, legislative action moved the Housing and Community Development Division from Heritage and Arts to Employment and Family Services.

8 Public education expenditures continue to increase for both enrollment growth and benefit-related costs for educators.

9 In fiscal year 2012, the Transportation Investment Fund was reclassified as a capital projects fund. Expenditures relating to this fund have been reclassified from transportation expenditures to capital outlay for prior years.

10 Expenditures for transportation vary from year to year due to the timing of highway construction projects.

11 Expenditures for capital outlay vary from year to year due to changes in funding from bond proceeds or state appropriations provided for buildings, highways, and other projects.

12 In fiscal year 2015, the Comprehensive Health Insurance Pool (nonmajor discrete component unit) was dissolved and the remaining cash balance was transferred to the State’s General Fund.
## Taxable Sales, Services, and Use Tax Purchases

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Forestry, and Fishing</td>
<td>$20,664</td>
<td>$19,438</td>
<td>$16,790</td>
<td>$15,400</td>
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<tr>
<td>Mining</td>
<td>562,722</td>
<td>555,332</td>
<td>473,021</td>
<td>606,129</td>
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<tr>
<td>Construction</td>
<td>1,048,607</td>
<td>930,707</td>
<td>793,332</td>
<td>719,199</td>
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<tr>
<td>Manufacturing</td>
<td>2,692,334</td>
<td>2,500,510</td>
<td>2,334,180</td>
<td>2,394,889</td>
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<tr>
<td>Transportation</td>
<td>165,418</td>
<td>150,783</td>
<td>129,326</td>
<td>119,530</td>
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<tr>
<td>Communications and Utilities</td>
<td>4,554,313</td>
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<td>4,603,701</td>
<td>4,640,315</td>
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<tr>
<td>Wholesale Trade</td>
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<td>4,508,459</td>
<td>4,544,672</td>
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<td>Retail</td>
<td>34,806,178</td>
<td>33,029,982</td>
<td>30,458,131</td>
<td>28,847,726</td>
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<td>Finance, Insurance, and Real Estate</td>
<td>1,835,800</td>
<td>1,715,813</td>
<td>1,562,251</td>
<td>1,518,729</td>
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<tr>
<td>Services</td>
<td>11,229,829</td>
<td>10,636,808</td>
<td>10,058,980</td>
<td>9,383,910</td>
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<tr>
<td>Prior Period Payments and Refunds</td>
<td>2,370,315</td>
<td>1,729,282</td>
<td>1,308,139</td>
<td>888,441</td>
</tr>
<tr>
<td><strong>Total Taxable Sales, Services and Use Tax</strong></td>
<td><strong>$64,982,524</strong></td>
<td><strong>$61,031,692</strong></td>
<td><strong>$56,502,434</strong></td>
<td><strong>$53,933,277</strong></td>
</tr>
</tbody>
</table>

### State Sales Tax Rate

- **2018**: 4.70%
- **2017**: 4.70%
- **2016**: 4.70%
- **2015**: 4.70%

## Personal Income by Industry

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Civilian</td>
<td>$3,778,271</td>
<td>$3,640,850</td>
<td>$3,503,288</td>
<td>$3,362,932</td>
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<tr>
<td>Federal Military</td>
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<td>754,588</td>
<td>745,003</td>
<td>715,450</td>
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<td>State and Local Government</td>
<td>12,673,085</td>
<td>12,023,320</td>
<td>11,377,417</td>
<td>11,214,437</td>
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<tr>
<td>Forestry, Fishing, and Related Activities</td>
<td>88,548</td>
<td>81,560</td>
<td>79,894</td>
<td>73,334</td>
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<tr>
<td>Mining</td>
<td>830,860</td>
<td>728,766</td>
<td>677,740</td>
<td>919,572</td>
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<tr>
<td>Utilities</td>
<td>792,597</td>
<td>734,147</td>
<td>581,721</td>
<td>559,871</td>
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<td>Construction</td>
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<td>Manufacturing</td>
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<td>9,335,841</td>
<td>9,074,439</td>
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<td>Wholesale Trade</td>
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<td>Retail Trade</td>
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<td>7,036,881</td>
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<td>Transportation and Warehousing</td>
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<td>4,219,443</td>
<td>4,055,241</td>
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<td>Information</td>
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<td>Financial, Insurance, Real Estate, Rental, and Leasing</td>
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<td>9,683,027</td>
<td>9,169,397</td>
<td>7,951,465</td>
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<td>Services</td>
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<td>Farm Earnings</td>
<td>272,101</td>
<td>334,015</td>
<td>338,436</td>
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<td>Other</td>
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<td>35,540,769</td>
<td>33,000,523</td>
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<tr>
<td><strong>Total Personal Income</strong></td>
<td><strong>$146,422,529</strong></td>
<td><strong>$136,543,686</strong></td>
<td><strong>$128,407,025</strong></td>
<td><strong>$118,724,635</strong></td>
</tr>
</tbody>
</table>

### Highest Income Tax Rate

- **2018**: 4.95%
- **2017**: 5.00%
- **2016**: 5.00%
- **2015**: 5.00%

Sources: Taxable Sales, Services, and Use Tax Purchases – Utah State Tax Commission; Personal Income by Industry – U.S. Department of Commerce, Bureau of Economic Analysis and the Utah Department of Workforce Services. Prior year information has been updated with the most recent data available.

1. Taxable Sales, Services, and Use Tax Purchases utilize American Industrial Classification codes.

2. Other personal income includes dividends, interest, rents, residence adjustment, government transfers to individuals, and deduction for social insurance contributions.
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
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</thead>
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<td>$</td>
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<td>$15,083</td>
<td>$13,880</td>
<td>$14,082</td>
<td>$12,747</td>
<td>$10,938</td>
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<td>560,727</td>
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<td>150,891</td>
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<td>24,351,361</td>
<td>22,794,901</td>
<td>21,480,510</td>
<td>22,613,395</td>
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<td>7,137,503</td>
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<td>6,289,414</td>
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<td>262,250</td>
<td>250,212</td>
<td>245,093</td>
<td>229,227</td>
<td>224,668</td>
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<td>855,842</td>
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<td>$51,709,163</td>
<td>$49,404,046</td>
<td>$47,531,180</td>
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<tr>
<td>4.70%</td>
<td>4.70%</td>
<td>4.70%</td>
<td>4.70%</td>
<td>4.70%</td>
<td>4.70%</td>
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</tr>
<tr>
<td>732,507</td>
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<td>4,880,333</td>
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<td>8,607,123</td>
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<td>8,079,603</td>
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<td>7,243,424</td>
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<td>4,019,735</td>
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<td>3,778,828</td>
<td>3,473,443</td>
<td>3,142,845</td>
<td>3,145,582</td>
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<td>2,977,382</td>
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<td>2,818,544</td>
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<td>2,426,304</td>
<td>2,146,263</td>
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<td>1,837,118</td>
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<td>7,068,780</td>
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<td>5,432,615</td>
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<td>26,044,184</td>
<td>24,676,881</td>
<td>23,756,996</td>
<td>22,798,279</td>
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<td>231,074</td>
<td>266,260</td>
<td>202,854</td>
<td>105,542</td>
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<td>26,415,095</td>
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<td>$110,843,820</td>
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<td>$94,401,070</td>
<td>$90,250,233</td>
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<tr>
<td>5.00%</td>
<td>5.00%</td>
<td>5.00%</td>
<td>5.00%</td>
<td>5.00%</td>
<td>5.00%</td>
<td></td>
</tr>
</tbody>
</table>
## Schedule B–2
### Revenue Payers by Industry – Taxable Sales, Services, and Use Tax Purchases

**Most Current Calendar Year and Historical Comparison**

*(dollars expressed in thousands)*

<table>
<thead>
<tr>
<th>Industry</th>
<th>Calendar Year 2009</th>
<th>Calendar Year 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Taxable Sales and Purchases</td>
<td>Percent of Total</td>
</tr>
<tr>
<td>Agriculture, Forestry, and Fishing</td>
<td>$ 10,938</td>
<td>0.10%</td>
</tr>
<tr>
<td>Mining</td>
<td>560,727</td>
<td>1.30%</td>
</tr>
<tr>
<td>Construction</td>
<td>685,598</td>
<td>1.60%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>2,079,294</td>
<td>5.00%</td>
</tr>
<tr>
<td>Transportation</td>
<td>150,891</td>
<td>0.40%</td>
</tr>
<tr>
<td>Communications and Utilities</td>
<td>4,060,387</td>
<td>9.70%</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>3,457,754</td>
<td>8.20%</td>
</tr>
<tr>
<td>Retail</td>
<td>22,613,395</td>
<td>53.90%</td>
</tr>
<tr>
<td>Finance, Insurance, and Real Estate</td>
<td>1,430,640</td>
<td>3.40%</td>
</tr>
<tr>
<td>Services</td>
<td>6,289,414</td>
<td>15.00%</td>
</tr>
<tr>
<td>Public Administration</td>
<td>225,935</td>
<td>0.50%</td>
</tr>
<tr>
<td>Prior Period Payments, Refunds</td>
<td>359,249</td>
<td>0.90%</td>
</tr>
<tr>
<td><strong>Total Taxable Sales, Services, and Use Tax Purchases</strong></td>
<td>$ 41,924,222</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

State Sales Tax Rates .................................................. 4.70% except 2.00% for Communications and Utilities

Source: Utah State Tax Commission

Note: Due to confidentiality issues, the names of the ten largest revenue payers are not available. The categories presented are intended to provide alternative information regarding the sources of the State’s revenue.

## Schedule B–3
### Revenue Payers – Personal Income Tax

**Most Current Calendar Year and Historical Comparison**

*(dollars expressed in thousands)*

<table>
<thead>
<tr>
<th>Adjusted Gross Income Class</th>
<th>Calendar Year 2008</th>
<th>Calendar Year 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Filers</td>
<td>Percent of Total</td>
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<tr>
<td>$10,000 and under</td>
<td>168,575</td>
<td>16.40%</td>
</tr>
<tr>
<td>$10,001–20,000</td>
<td>153,906</td>
<td>14.90%</td>
</tr>
<tr>
<td>$20,001–30,000</td>
<td>137,722</td>
<td>13.40%</td>
</tr>
<tr>
<td>$30,001–40,000</td>
<td>109,522</td>
<td>10.60%</td>
</tr>
<tr>
<td>$40,001–50,000</td>
<td>87,555</td>
<td>8.50%</td>
</tr>
<tr>
<td>$50,001–75,000</td>
<td>161,759</td>
<td>15.70%</td>
</tr>
<tr>
<td>$75,001–100,000</td>
<td>98,409</td>
<td>9.50%</td>
</tr>
<tr>
<td>$100,001–250,000</td>
<td>99,075</td>
<td>9.60%</td>
</tr>
<tr>
<td>Over $250,000</td>
<td>13,983</td>
<td>1.40%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,030,506</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

Source: Utah State Tax Commission, for full-year residents only.

Note: Due to confidentiality issues, the names of the ten largest revenue payers are not available. The categories presented are intended to provide alternative information regarding the sources of the State’s revenue. The most current period available for personal income tax information is calendar year 2017.
## Schedule B–4
### Personal Income Tax Rates
#### Last Ten Calendar Years

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>2018</th>
<th>2009 to 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single and Married Filing Separately</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tax Rate</td>
<td>4.95%</td>
<td>5.00%</td>
</tr>
<tr>
<td><strong>Married Filing Joint, Head of Household, and Qualifying Widow(er)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tax Rate</td>
<td>4.95%</td>
<td>5.00%</td>
</tr>
</tbody>
</table>

Source: Utah State Tax Commission

Note: The Utah State Legislature can raise the income tax rates by legislation, no vote of the populace is required; *Utah Constitution*, Article XIII, Section 5.
### Governmental Activities

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Obligation Bonds</td>
<td>$2,374</td>
<td>$2,498</td>
<td>$2,235</td>
<td>$2,585</td>
</tr>
<tr>
<td>State Building Ownership Authority</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lease Revenue Bonds</td>
<td>205</td>
<td>244</td>
<td>230</td>
<td>249</td>
</tr>
<tr>
<td>Capital Leases</td>
<td>31</td>
<td>33</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>Contracts/Notes Payable</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total Governmental Activities</td>
<td>2,610</td>
<td>2,775</td>
<td>2,487</td>
<td>2,857</td>
</tr>
</tbody>
</table>

### Business-type Activities

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Assistance Revenue Bonds</td>
<td>1,254</td>
<td>1,495</td>
<td>1,812</td>
<td>1,255</td>
</tr>
<tr>
<td>State Building Ownership Authority</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lease Revenue Bonds</td>
<td>77</td>
<td>83</td>
<td>73</td>
<td>79</td>
</tr>
<tr>
<td>Water Loan Recapitalization Revenue Bonds</td>
<td>26</td>
<td>31</td>
<td>37</td>
<td>42</td>
</tr>
<tr>
<td>Contracts/Notes Payable</td>
<td>1</td>
<td>1</td>
<td>—</td>
<td>922</td>
</tr>
<tr>
<td>Total Business-type Activities</td>
<td>1,358</td>
<td>1,610</td>
<td>1,922</td>
<td>2,298</td>
</tr>
</tbody>
</table>

### Total Primary Government

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,968</td>
<td>$4,385</td>
<td>$4,409</td>
<td>$5,155</td>
<td></td>
</tr>
</tbody>
</table>

### Debt as a Percentage of Personal Income

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.57%</td>
<td>2.99%</td>
<td>3.23%</td>
<td>4.01%</td>
<td></td>
</tr>
</tbody>
</table>

### Amount of Debt Per Capita (expressed in dollars)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,235</td>
<td>$1,387</td>
<td>$1,421</td>
<td>$1,693</td>
<td></td>
</tr>
</tbody>
</table>

### Net General Obligation Bonded Debt

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,374</td>
<td>$2,498</td>
<td>$2,235</td>
<td>$2,585</td>
<td></td>
</tr>
</tbody>
</table>

### Net General Obligation Bonded Debt as a Percentage of Taxable Property Value

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.80%</td>
<td>0.92%</td>
<td>0.89%</td>
<td>1.10%</td>
<td></td>
</tr>
</tbody>
</table>

### Amount of Net General Obligation Bonded Debt Per Capita (expressed in dollars)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$739</td>
<td>$791</td>
<td>$721</td>
<td>$849</td>
<td></td>
</tr>
</tbody>
</table>

Sources: Utah Department of Administrative Services, Division of Finance; Utah State Tax Commission – Property Tax; and Utah Governor’s Office of Management and Budget – Demographics.

Note: Net general obligation and revenue bonded debt includes principal, premiums, discounts, and deferred amount on refundings of bonded debt for years prior to 2014. Beginning in 2014, deferred amounts on refunding of bonded debt was no longer reported as part of long-term liabilities, but as Deferred Outflows or Inflows of Resources per the implementation of Governmental Accounting Standards Board (GASB) Statement 65, *Items Previously Reported as Assets and Liabilities*.

1. During 2015 the Student Assistance Programs issued a line of credit to acquire federally guaranteed student loans. In 2017, the Student Assistance Programs issued additional bonds to retire its line of credit issued in 2015 related to acquiring federally guaranteed student loans.

2. Ratios are calculated using personal income and population data. See Schedule D–1 for personal income and population data. During 2010 to 2012, the State issued just under $1 billion in General Obligation bonds to take advantage of historically low interest rates and ease budget constraints for highway and building construction projects.

3. The percentage of Net General Obligation Bonded Debt based upon taxable property value is presented for comparative purposes. The State does not presently levy ad valorem property taxes for General Obligation Bonded Debt, but is authorized to do so in accordance with Title 59, Chapter 2, Part 901 of the *Utah Code*. See Schedule C–3 for taxable property value.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>2,950</td>
<td>3,271</td>
<td>3,361</td>
<td>3,660</td>
<td>3,256</td>
<td>2,410</td>
</tr>
<tr>
<td>170</td>
<td></td>
<td>187</td>
<td>200</td>
<td>213</td>
<td>223</td>
<td>239</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>26</td>
<td>28</td>
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<tr>
<td>—</td>
<td></td>
<td>6</td>
<td>10</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3,140</td>
<td></td>
<td>3,486</td>
<td>3,594</td>
<td>3,897</td>
<td>3,505</td>
<td>2,677</td>
</tr>
<tr>
<td>1,511</td>
<td></td>
<td>1,284</td>
<td>1,274</td>
<td>970</td>
<td>1,243</td>
<td>1,389</td>
</tr>
<tr>
<td>80</td>
<td></td>
<td>81</td>
<td>85</td>
<td>90</td>
<td>95</td>
<td>98</td>
</tr>
<tr>
<td>47</td>
<td></td>
<td>52</td>
<td>58</td>
<td>62</td>
<td>67</td>
<td>68</td>
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<tr>
<td>1,152</td>
<td></td>
<td>—</td>
<td>—</td>
<td>552</td>
<td>648</td>
<td>811</td>
</tr>
<tr>
<td>2,790</td>
<td></td>
<td>1,417</td>
<td>1,417</td>
<td>1,674</td>
<td>2,053</td>
<td>2,366</td>
</tr>
<tr>
<td>$</td>
<td>5,930</td>
<td>4,903</td>
<td>5,011</td>
<td>5,571</td>
<td>5,558</td>
<td>5,043</td>
</tr>
<tr>
<td>5.04%</td>
<td></td>
<td>4.42%</td>
<td>4.78%</td>
<td>5.51%</td>
<td>5.89%</td>
<td>5.59%</td>
</tr>
<tr>
<td>$</td>
<td>1,979</td>
<td>1,665</td>
<td>1,727</td>
<td>1,951</td>
<td>1,975</td>
<td>1,817</td>
</tr>
<tr>
<td>$</td>
<td>2,950</td>
<td>3,271</td>
<td>3,361</td>
<td>3,660</td>
<td>3,256</td>
<td>2,410</td>
</tr>
<tr>
<td>1.33%</td>
<td></td>
<td>1.58%</td>
<td>1.67%</td>
<td>1.82%</td>
<td>1.59%</td>
<td>1.13%</td>
</tr>
<tr>
<td>$</td>
<td>985</td>
<td>1,111</td>
<td>1,159</td>
<td>1,282</td>
<td>1,157</td>
<td>868</td>
</tr>
</tbody>
</table>

State of Utah
### State of Utah

### Schedule C–2

#### Long-term Debt and Other Long-term Liabilities

**Last Ten Fiscal Years**

*(expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Governmental Activities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Obligation Bonds</td>
<td>$2,155,675</td>
<td>$2,396,875</td>
<td>$2,173,985</td>
<td>$2,498,895</td>
</tr>
<tr>
<td>General Obligation Bonds - Direct Placement</td>
<td>117,600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Building Ownership Authority (SBOA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lease Revenue Bonds</td>
<td>174,076</td>
<td>237,426</td>
<td>225,163</td>
<td>242,976</td>
</tr>
<tr>
<td>SBOA Lease Revenue Bonds - Direct Placement</td>
<td>25,910</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Unamortized Premiums</td>
<td>106,066</td>
<td>108,115</td>
<td>66,423</td>
<td>92,827</td>
</tr>
<tr>
<td>Deferred Amount on Refundings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Leases - Direct Borrowing</td>
<td>28,203</td>
<td>33,132</td>
<td>21,616</td>
<td>23,498</td>
</tr>
<tr>
<td>Notes Payable - Direct Borrowing</td>
<td>227</td>
<td>268</td>
<td>305</td>
<td>339</td>
</tr>
<tr>
<td>Capital Leases</td>
<td>2,803</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compensated Absences</td>
<td>211,138</td>
<td>184,505</td>
<td>181,557</td>
<td>182,707</td>
</tr>
<tr>
<td>Claims Liability</td>
<td>63,558</td>
<td>57,330</td>
<td>53,645</td>
<td>48,092</td>
</tr>
<tr>
<td>Pollution Remediation Obligation</td>
<td>5,324</td>
<td>5,366</td>
<td>5,891</td>
<td>6,401</td>
</tr>
<tr>
<td>Settlement Obligations</td>
<td>227</td>
<td>273</td>
<td>319</td>
<td>365</td>
</tr>
<tr>
<td>Net Pension Liability</td>
<td>1,140,766</td>
<td>763,753</td>
<td>1,031,449</td>
<td>992,495</td>
</tr>
<tr>
<td>Net Other Post Employment Benefit Obligation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Other Post Employment Benefit Liability</td>
<td>68,335</td>
<td>99,058</td>
<td>109,618</td>
<td>—</td>
</tr>
<tr>
<td>Arbitrage Liability</td>
<td>544</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Governmental Activities</td>
<td>4,100,452</td>
<td>3,886,101</td>
<td>3,869,971</td>
<td>4,092,443</td>
</tr>
<tr>
<td><strong>Business-type Activities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Assistance Revenue Bonds</td>
<td>1,265,880</td>
<td>1,506,965</td>
<td>1,822,807</td>
<td>1,256,026</td>
</tr>
<tr>
<td>State Building Ownership Authority</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lease Revenue Bonds</td>
<td>72,549</td>
<td>77,704</td>
<td>67,438</td>
<td>72,674</td>
</tr>
<tr>
<td>Water Loan Recapitalization Revenue Bonds</td>
<td>25,520</td>
<td>31,225</td>
<td>36,680</td>
<td>41,915</td>
</tr>
<tr>
<td>Net Unamortized Premiums/(Discounts)</td>
<td>(8,000)</td>
<td>(6,418)</td>
<td>(5,437)</td>
<td>5,434</td>
</tr>
<tr>
<td>Deferred Amount on Refundings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes Payable - Direct Borrowing</td>
<td>618</td>
<td>635</td>
<td>—</td>
<td>921,995</td>
</tr>
<tr>
<td>Claims and Insured Liabilities</td>
<td>3,279</td>
<td>4,365</td>
<td>4,810</td>
<td>5,726</td>
</tr>
<tr>
<td>Arbitrage Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Pension Liability</td>
<td>19,065</td>
<td>12,038</td>
<td>17,468</td>
<td>17,845</td>
</tr>
<tr>
<td>Net Other Post Employment Benefit Liability</td>
<td>1,108</td>
<td>1,564</td>
<td>1,731</td>
<td>—</td>
</tr>
<tr>
<td>Total Business-type Activities</td>
<td>1,380,019</td>
<td>1,628,078</td>
<td>1,945,497</td>
<td>2,321,615</td>
</tr>
<tr>
<td>Total Primary Government Other Long-term Liabilities</td>
<td>$5,480,471</td>
<td>$5,514,179</td>
<td>$5,815,468</td>
<td>$6,414,058</td>
</tr>
</tbody>
</table>

**Note:** Details regarding the liabilities listed above can be found in Note 10, Long-term Liabilities in the financial statements.

1. During 2010 to 2012, the State issued just under $1 billion in General Obligation bonds to take advantage of historically low interest rates and ease budget constraints for highway and building construction projects.

2. In 2019, GASB Statement 88, Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements, requires separate disclosure of debt issued directly to an investor.

3. Beginning in 2014, deferred amount on refundings are no longer reported in the financial statements as part of other long-term liabilities under Governmental and Business-type Activities. This obligation is now being reported as Deferred Outflows or Inflows of Resources per the implementation of Governmental Accounting Standards Board (GASB) Statement 65, Items Previously Reported as Assets and Liabilities.

4. During 2011 and 2019, a new actuary valuation was performed for GASB Statement 16, Accounting for Compensated Absences and as a result the total liability increased.

5. During 2012, the Student Assistance Programs advance refunded certain outstanding student loan revenue bonds to manage its interest costs. In 2017, the Student Assistance Programs issued additional bonds to retire its line of credit issued in 2015 related to acquiring federally guaranteed student loans.

6. In 2015, the Student Assistance Programs issued a line of credit to acquire federally guaranteed student loans.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>166,773</td>
<td>183,590</td>
<td>198,485</td>
<td>210,384</td>
<td>220,380</td>
<td>236,629</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>122,321</td>
<td>138,187</td>
<td>159,882</td>
<td>200,979</td>
<td>162,003</td>
<td>119,694</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>(22,546)</td>
<td>(26,248)</td>
<td>(31,904)</td>
<td>(7,080)</td>
<td></td>
</tr>
<tr>
<td>20,287</td>
<td>21,794</td>
<td>23,213</td>
<td>24,270</td>
<td>25,799</td>
<td>27,542</td>
<td></td>
</tr>
<tr>
<td>370</td>
<td>5,983</td>
<td>9,758</td>
<td>446</td>
<td>466</td>
<td>484</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>185,792</td>
<td>184,679</td>
<td>185,711</td>
<td>185,701</td>
<td>182,543</td>
<td>162,120</td>
<td></td>
</tr>
<tr>
<td>46,931</td>
<td>48,585</td>
<td>48,190</td>
<td>44,700</td>
<td>42,731</td>
<td>41,897</td>
<td></td>
</tr>
<tr>
<td>5,086</td>
<td>5,327</td>
<td>6,222</td>
<td>6,640</td>
<td>7,083</td>
<td>7,690</td>
<td></td>
</tr>
<tr>
<td>4,471</td>
<td>6,928</td>
<td>25,020</td>
<td>34,007</td>
<td>38,926</td>
<td>39,422</td>
<td></td>
</tr>
<tr>
<td>802,543</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>4,126</td>
<td>4,331</td>
<td>5,206</td>
<td>5,439</td>
<td>7,142</td>
<td>5,693</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>4,188,850</td>
<td>3,736,159</td>
<td>3,864,576</td>
<td>4,173,998</td>
<td>3,784,059</td>
<td>2,933,391</td>
<td></td>
</tr>
<tr>
<td>1,509,543</td>
<td>1,277,837</td>
<td>1,240,407</td>
<td>930,422</td>
<td>1,218,390</td>
<td>1,388,922</td>
<td></td>
</tr>
<tr>
<td>73,207</td>
<td>79,106</td>
<td>83,795</td>
<td>88,161</td>
<td>92,445</td>
<td>96,476</td>
<td></td>
</tr>
<tr>
<td>46,940</td>
<td>51,800</td>
<td>56,545</td>
<td>61,205</td>
<td>65,800</td>
<td>65,800</td>
<td></td>
</tr>
<tr>
<td>8,696</td>
<td>9,110</td>
<td>13,143</td>
<td>16,917</td>
<td>29,092</td>
<td>4,093</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>23,413</td>
<td>25,445</td>
<td>(994)</td>
<td>(221)</td>
<td></td>
</tr>
<tr>
<td>1,152,207</td>
<td>—</td>
<td>—</td>
<td>552,423</td>
<td>647,842</td>
<td>811,354</td>
<td></td>
</tr>
<tr>
<td>7,587</td>
<td>9,283</td>
<td>18,694</td>
<td>17,866</td>
<td>16,179</td>
<td>19,105</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>10,000</td>
<td>11,968</td>
<td>50,214</td>
<td></td>
</tr>
<tr>
<td>12,853</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>2,811,033</td>
<td>1,427,136</td>
<td>1,435,997</td>
<td>1,702,439</td>
<td>2,080,722</td>
<td>2,435,743</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>$ 6,999,883</td>
<td>$ 5,163,295</td>
<td>$ 5,300,573</td>
<td>$ 5,876,437</td>
<td>$ 5,864,781</td>
<td>$ 5,369,134</td>
<td></td>
</tr>
</tbody>
</table>

7 During 2015, the State implemented GASB Statement 68, *Accounting and Financial Reporting for Pensions* which replaced GASB Statements 27 and 50 as they relate to pensions that are provided through pension plans administered as trust or equivalent arrangements that meet certain criteria. In part, GASB Statement 68 requires the reporting of the net Pension liability. GASB Statement 27 only required the reporting of a Pension obligation when contributions were less than the actuary’s Annual Required Contribution.

8 During 2017, the State implemented GASB Statement 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* which replaced GASB Statement 45. In part, GASB Statement 75 requires the reporting of the net Other Postemployment Benefit (OPEB) liability. GASB Statement 45 only required the reporting of an OPEB obligation when contributions were less than the actuary’s Annual Required Contribution.
### Schedule C–3
#### Legal Debt Margin
Last Ten Fiscal Years
*(dollars expressed in millions)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taxable Property, Taxable Value 1</td>
<td>$298,114</td>
<td>$271,649</td>
<td>$251,598</td>
<td>$235,273</td>
</tr>
<tr>
<td>Taxable Property, Fair Market Value 1</td>
<td>415,650</td>
<td>377,260</td>
<td>347,716</td>
<td>323,367</td>
</tr>
<tr>
<td>Debt Limit (Fair Market Value times 1.50 %)</td>
<td>1.50%</td>
<td>1.50%</td>
<td>1.50%</td>
<td>1.50%</td>
</tr>
<tr>
<td>Debt Limit Amount</td>
<td>6,235</td>
<td>5,659</td>
<td>5,216</td>
<td>4,851</td>
</tr>
<tr>
<td>Net General Obligation Bonded Debt 2, 3</td>
<td>2,374</td>
<td>2,498</td>
<td>2,235</td>
<td>2,585</td>
</tr>
<tr>
<td>Legal Debt Margin</td>
<td>$3,861</td>
<td>$3,161</td>
<td>$2,981</td>
<td>$2,266</td>
</tr>
</tbody>
</table>

Net General Obligation Bonded Debt
As a Percentage of the Debt Limit Amount | 38.08% | 44.14% | 42.85% | 53.29%

Source: Utah State Tax Commission and the Utah Department of Administrative Services, Division of Finance.

Note: Article XIV, Section 1 of the *Utah Constitution* allows the State to contract debts not exceeding 1.50 percent of the total taxable property in the State. The Legislature authorizes general obligation indebtedness within this limit. The State uses outstanding general obligation bond debt to comply within the constitutional debt limit. The State has other long-term contract liabilities consisting of unused vacation for employees of $100.062 million as of fiscal yearend. These contract liabilities do not affect the State’s compliance with the constitutional debt limit.

1 Taxable property is assessed January 1 of each year. The value used for the fiscal year limitation is from the prior calendar year; assessed values as of January 1, 2018, are used for fiscal year 2019.

### Schedule C–4
#### Statutory Debt Limit
Last Ten Fiscal Years
*(dollars expressed in millions)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appropriations Limitation Amount</td>
<td>$3,911</td>
<td>$3,738</td>
<td>$3,567</td>
<td>$3,469</td>
</tr>
<tr>
<td>Limit (Appropriations Limitation Amount times applicable percentage)</td>
<td>45.00%</td>
<td>45.00%</td>
<td>45.00%</td>
<td>45.00%</td>
</tr>
<tr>
<td>Statutory Debt Limit Amount</td>
<td>1,760</td>
<td>1,682</td>
<td>1,605</td>
<td>1,561</td>
</tr>
<tr>
<td>Net General Obligation Bonded Debt 1</td>
<td>2,374</td>
<td>2,498</td>
<td>2,235</td>
<td>2,585</td>
</tr>
<tr>
<td>Less: Exempt Highway Construction Bonds</td>
<td>(2,175)</td>
<td>(2,282)</td>
<td>(2,180)</td>
<td>(2,402)</td>
</tr>
<tr>
<td>Net General Obligation Bonded Debt Subject to Statutory Debt Limit</td>
<td>199</td>
<td>217</td>
<td>55</td>
<td>183</td>
</tr>
<tr>
<td>Additional General Obligation Debt Incurring Capacity...</td>
<td>$1,561</td>
<td>$1,466</td>
<td>$1,550</td>
<td>$1,378</td>
</tr>
</tbody>
</table>

Source: Utah Governor’s Office of Management and Budget and the Utah Department of Administrative Services, Division of Finance.

Note: Article XIV, Section 5 of the *Utah Constitution* limits any funds borrowed to be used solely for purposes as authorized by law. In addition, Title 63J-3-402 of the *Utah Code* limits outstanding state general obligation debt to not exceed the applicable percentage (unless approved by more than two-thirds of both houses of the Legislature) of that fiscal year’s appropriations limit. The State uses outstanding general obligation bond debt to comply within the constitutional debt limit. The State has other long-term contract liabilities consisting of unused vacation for employees of $100.062 million as of fiscal yearend. These contract liabilities do not affect the State’s compliance with the constitutional debt limit.
During 2010 to 2012, the State issued general obligation bonds to take advantage of low interest rates and ease budget constraints.

Net general obligation bonded debt includes principal, premiums, discounts, and deferred amount on refundings of bonded debt for years prior to 2014. Beginning in 2014, deferred amount on refundings of bonded debt was no longer reported as part of long-term liabilities, but as Deferred Outflows or Inflows of Resources per the implementation of Governmental Accounting Standards Board (GASB) Statement 65, Items Previously Reported as Assets and Liabilities.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>$221,650</td>
<td>$207,211</td>
<td>$201,294</td>
<td>$201,473</td>
<td>$205,284</td>
<td>$212,423</td>
</tr>
<tr>
<td>303,725</td>
<td>282,489</td>
<td>272,954</td>
<td>274,806</td>
<td>280,846</td>
<td>291,460</td>
<td></td>
</tr>
<tr>
<td>1.50%</td>
<td>1.50%</td>
<td>1.50%</td>
<td>1.50%</td>
<td>1.50%</td>
<td>1.50%</td>
<td></td>
</tr>
<tr>
<td>4,556</td>
<td>4,237</td>
<td>4,094</td>
<td>4,122</td>
<td>4,213</td>
<td>4,372</td>
<td></td>
</tr>
<tr>
<td>2,950</td>
<td>3,271</td>
<td>3,361</td>
<td>3,660</td>
<td>3,256</td>
<td>2,410</td>
<td></td>
</tr>
<tr>
<td>$</td>
<td>$1,606</td>
<td>$966</td>
<td>$733</td>
<td>$462</td>
<td>$957</td>
<td>$1,962</td>
</tr>
<tr>
<td>64.75%</td>
<td>77.20%</td>
<td>82.10%</td>
<td>88.79%</td>
<td>77.28%</td>
<td>55.12%</td>
<td></td>
</tr>
</tbody>
</table>
### Schedule C-5

**Pledged Revenue Bond Coverage**

*Last Ten Fiscal Years*  
*(dollars expressed in thousands)*

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Gross Revenues</th>
<th>Less Operating Expenses</th>
<th>Net Available Revenue</th>
<th>Debt Service Principal</th>
<th>Interest</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Loan Programs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>$1,295</td>
<td>$—</td>
<td>$1,295</td>
<td>$—</td>
<td>$862</td>
<td>1.50</td>
</tr>
<tr>
<td>2011</td>
<td>$3,742</td>
<td>$—</td>
<td>$3,742</td>
<td>$—</td>
<td>$2,424</td>
<td>1.54</td>
</tr>
<tr>
<td>2012</td>
<td>$3,860</td>
<td>$—</td>
<td>$3,860</td>
<td>$4,595</td>
<td>$2,371</td>
<td>0.55</td>
</tr>
<tr>
<td>2013</td>
<td>$3,649</td>
<td>$—</td>
<td>$3,649</td>
<td>$4,660</td>
<td>$2,297</td>
<td>0.52</td>
</tr>
<tr>
<td>2014</td>
<td>$3,877</td>
<td>$—</td>
<td>$3,877</td>
<td>$4,745</td>
<td>$2,197</td>
<td>0.56</td>
</tr>
<tr>
<td>2015</td>
<td>$3,920</td>
<td>$—</td>
<td>$3,920</td>
<td>$4,860</td>
<td>$2,067</td>
<td>0.57</td>
</tr>
<tr>
<td>2016</td>
<td>$3,744</td>
<td>$—</td>
<td>$3,744</td>
<td>$5,025</td>
<td>$1,851</td>
<td>0.54</td>
</tr>
<tr>
<td>2017</td>
<td>$3,628</td>
<td>$—</td>
<td>$3,628</td>
<td>$5,235</td>
<td>$1,658</td>
<td>0.53</td>
</tr>
<tr>
<td>2018</td>
<td>$3,756</td>
<td>$—</td>
<td>$3,756</td>
<td>$5,455</td>
<td>$1,406</td>
<td>0.55</td>
</tr>
<tr>
<td>2019</td>
<td>$4,113</td>
<td>$—</td>
<td>$4,113</td>
<td>$5,705</td>
<td>$1,167</td>
<td>0.60</td>
</tr>
</tbody>
</table>

| Student Assistance Programs | | | | | | |
| 2010 | $70,616 | $42,470 | $28,146 | $966,668 | $35,967 | 0.03 |
| 2011 | $27,188 | (20,137) | $47,325 | $557,894 | $20,655 | 0.08 |
| 2012 | $25,404 | $14,904 | $10,500 | $797,350 | $10,620 | 0.01 |
| 2013 | $44,378 | $27,914 | $16,464 | $208,715 | $9,747 | 0.08 |
| 2014 | $49,679 | $36,697 | $12,982 | $171,000 | $7,631 | 0.07 |
| 2015 | $75,796 | $59,463 | $16,333 | $967,584 | $6,646 | 0.02 |
| 2016 | $110,982 | $87,889 | $23,093 | $483,729 | $25,338 | 0.05 |
| 2017 | $92,421 | $65,327 | $27,094 | $1,227,465 | $30,833 | 0.02 |
| 2018 | $79,408 | $40,098 | $39,310 | $315,842 | $38,403 | 0.11 |
| 2019 | $69,749 | $22,821 | $46,928 | $241,085 | $44,081 | 0.16 |

Note: Details regarding the State’s outstanding bonds can be found in Note 10. Long-term Liabilities in the financial statements.

1. Revenues for Water Loan Programs are primarily interest on revolving loan receivables; principal repayments are not included in gross revenues, but are pledged to cover debt service payments. Revenues for Student Assistance Programs are primarily interest on student loans and federal allowances.

2. Operating Expenses do not include interest, depreciation, or amortization expenses.

3. Coverage equals net available revenue divided by debt service.

4. During 2011, the Student Assistance Programs had a substantial decrease in its provision for interest arbitrage rebate of $37.200 million on its 1988 and 1993 revenue bonds.

5. Prior to 2015, only Student Loan Purchase Program bonds were presented. During 2015, a line of credit was issued for $1.600 billion in order to acquire federally guaranteed student loans.

6. During 2016, the Student Assistance Programs had a substantial increase in interest on loans related to the line of credit that was issued in 2015 to acquire federally guaranteed student loans.

7. During 2017, the Student Assistance Programs retired its line of credit issued in 2015 related to acquiring federally guaranteed student loans.
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## Demographic and Economic Indicators

### Last Ten Calendar Years

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Population (in thousands)</th>
<th>Unemployment Rate</th>
<th>Utah Net Migration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Utah</td>
<td>U.S.</td>
<td>Utah</td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td>Change</td>
<td>Number</td>
</tr>
<tr>
<td>2010</td>
<td>2,775</td>
<td>1.46%</td>
<td>310,100</td>
</tr>
<tr>
<td>2011</td>
<td>2,814</td>
<td>1.41%</td>
<td>312,300</td>
</tr>
<tr>
<td>2012</td>
<td>2,855</td>
<td>1.46%</td>
<td>314,500</td>
</tr>
<tr>
<td>2013</td>
<td>2,901</td>
<td>1.61%</td>
<td>316,700</td>
</tr>
<tr>
<td>2014</td>
<td>2,945</td>
<td>1.52%</td>
<td>319,500</td>
</tr>
<tr>
<td>2015</td>
<td>2,991</td>
<td>1.56%</td>
<td>321,500</td>
</tr>
<tr>
<td>2016</td>
<td>3,044</td>
<td>1.77%</td>
<td>324,000</td>
</tr>
<tr>
<td>2017</td>
<td>3,103</td>
<td>1.94%</td>
<td>326,000</td>
</tr>
<tr>
<td>2018</td>
<td>3,161</td>
<td>1.87%</td>
<td>328,000</td>
</tr>
<tr>
<td>2019 (est.)</td>
<td>3,212</td>
<td>1.61%</td>
<td>330,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Personal Income (in millions)</th>
<th>Per Capita Income (in dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Utah</td>
<td>U.S.</td>
</tr>
<tr>
<td></td>
<td>Amount</td>
<td>Change</td>
</tr>
<tr>
<td>2010</td>
<td>$ 90,250</td>
<td>2.62%</td>
</tr>
<tr>
<td>2011</td>
<td>$ 94,401</td>
<td>4.60%</td>
</tr>
<tr>
<td>2012</td>
<td>$101,163</td>
<td>7.16%</td>
</tr>
<tr>
<td>2013</td>
<td>$104,910</td>
<td>3.70%</td>
</tr>
<tr>
<td>2014</td>
<td>$110,844</td>
<td>5.66%</td>
</tr>
<tr>
<td>2015</td>
<td>$118,725</td>
<td>7.11%</td>
</tr>
<tr>
<td>2016</td>
<td>$128,407</td>
<td>8.15%</td>
</tr>
<tr>
<td>2017</td>
<td>$136,544</td>
<td>6.34%</td>
</tr>
<tr>
<td>2018</td>
<td>$146,423</td>
<td>7.24%</td>
</tr>
<tr>
<td>2019 (est.)</td>
<td>$154,636</td>
<td>5.61%</td>
</tr>
</tbody>
</table>

Source: Population – Utah Population Estimates Committee at July 1 each year. The 2019 estimate is from the Utah Revenue Assumption Committee.

Source: Unemployment Rate – Utah Department of Workforce Services. The 2019 estimate is from the Utah Revenue Assumption Committee.

Source: Utah Net Migration – Utah Population Estimates Committee at July 1 each year. The 2019 estimate is from the Utah Revenue Assumption Committee.

Source: Personal Income – U.S. Department of Commerce, Bureau of Economic Analysis, and Utah Department of Workforce Services. The 2019 estimate is from the Utah Revenue Assumption Committee.

Note: Prior year information has been updated with the most recent data available. Per Capita Income is calculated by dividing total personal income by population. Amounts may not be exact due to rounding.
## Schedule D–2
### Principal Employers
#### Most Current Calendar Year and Historical Comparisons

<table>
<thead>
<tr>
<th>Entity Name</th>
<th>Number of Employees</th>
<th>Rank</th>
<th>Percent of All Employees</th>
<th>Number of Employees</th>
<th>Rank</th>
<th>Percent of All Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermountain Health Care (IHC)</td>
<td>20,000 +</td>
<td>1</td>
<td>2.20%</td>
<td>20,000 +</td>
<td>1</td>
<td>2.40%</td>
</tr>
<tr>
<td>University of Utah (includes Hospital)</td>
<td>15,000 – 19,999</td>
<td>5</td>
<td>1.30%</td>
<td>20,000 +</td>
<td>2</td>
<td>2.20%</td>
</tr>
<tr>
<td>State of Utah</td>
<td>20,000 +</td>
<td>2</td>
<td>1.90%</td>
<td>20,000 +</td>
<td>3</td>
<td>1.40%</td>
</tr>
<tr>
<td>Brigham Young University</td>
<td>15,000 – 19,999</td>
<td>4</td>
<td>1.40%</td>
<td>15,000 – 19,999</td>
<td>4</td>
<td>1.30%</td>
</tr>
<tr>
<td>Wal-Mart Stores</td>
<td>15,000 – 19,999</td>
<td>3</td>
<td>1.50%</td>
<td>15,000 – 19,999</td>
<td>5</td>
<td>1.10%</td>
</tr>
<tr>
<td>Hill Air Force Base</td>
<td>10,000 – 14,999</td>
<td>6</td>
<td>1.00%</td>
<td>10,000 – 14,999</td>
<td>6</td>
<td>0.80%</td>
</tr>
<tr>
<td>Davis County School District</td>
<td>7,000 – 9,999</td>
<td>8</td>
<td>0.70%</td>
<td>7,000 – 9,999</td>
<td>7</td>
<td>0.60%</td>
</tr>
<tr>
<td>Utah State University</td>
<td>7,000 – 9,999</td>
<td>7</td>
<td>0.80%</td>
<td>7,000 – 9,999</td>
<td>10</td>
<td>0.60%</td>
</tr>
<tr>
<td>Smith’s Food and Drug Centers</td>
<td>5,000 – 6,999</td>
<td>10</td>
<td>0.60%</td>
<td>7,000 – 9,999</td>
<td>9</td>
<td>0.60%</td>
</tr>
<tr>
<td>Granite School District</td>
<td>7,000 – 9,999</td>
<td>7</td>
<td>0.80%</td>
<td>7,000 – 9,999</td>
<td>10</td>
<td>0.60%</td>
</tr>
<tr>
<td>Jordan School District</td>
<td>5,000 – 6,999</td>
<td>9</td>
<td>0.70%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Employees of Principal Employers</strong></td>
<td>146,600</td>
<td></td>
<td>12.10%</td>
<td>176,700</td>
<td></td>
<td>11.60%</td>
</tr>
</tbody>
</table>

Source: Utah Department of Workforce Services.

Note: Number of employees is based on a calendar year average.
## State of Utah

### Schedule D–3

**Composition of the Labor Force**

_Last Ten Calendar Years_

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Government</td>
<td>247,904</td>
<td>244,311</td>
<td>239,416</td>
<td>233,658</td>
</tr>
<tr>
<td>Mining</td>
<td>9,470</td>
<td>8,618</td>
<td>8,494</td>
<td>10,372</td>
</tr>
<tr>
<td>Construction</td>
<td>104,341</td>
<td>97,495</td>
<td>91,537</td>
<td>84,676</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>133,006</td>
<td>129,199</td>
<td>125,926</td>
<td>123,695</td>
</tr>
<tr>
<td>Trade, Transportation, and Utilities</td>
<td>286,355</td>
<td>278,526</td>
<td>271,432</td>
<td>263,158</td>
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<tr>
<td>Information</td>
<td>38,080</td>
<td>38,429</td>
<td>36,860</td>
<td>34,402</td>
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<td>Financial Activity</td>
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<td>84,072</td>
<td>81,710</td>
<td>79,020</td>
</tr>
<tr>
<td>Professional and Business Services</td>
<td>217,642</td>
<td>206,987</td>
<td>202,175</td>
<td>194,127</td>
</tr>
<tr>
<td>Education and Health Services</td>
<td>203,484</td>
<td>198,251</td>
<td>190,935</td>
<td>182,273</td>
</tr>
<tr>
<td>Leisure and Hospitality</td>
<td>148,530</td>
<td>143,029</td>
<td>138,591</td>
<td>133,657</td>
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<tr>
<td>Other Services</td>
<td>41,189</td>
<td>40,210</td>
<td>39,472</td>
<td>38,689</td>
</tr>
<tr>
<td><strong>Total Nonagricultural Jobs</strong></td>
<td>1,517,541</td>
<td>1,469,127</td>
<td>1,426,548</td>
<td>1,377,727</td>
</tr>
</tbody>
</table>

| Civilian Labor Force            | 1,572,136| 1,548,263| 1,511,279| 1,464,404|
| Total Employed                  | 1,523,158| 1,497,812| 1,459,309| 1,412,473|
| Unemployed                      | 48,978   | 50,451  | 51,970  | 51,931  |

| Unemployment Rate               | 3.10%   | 3.30%   | 3.40%   | 3.50%   |

_Source: Utah Department of Workforce Services and the Utah Revenue Assumption Committee. Prior year information has been updated with the most recent data available._
| State of Utah |
|---|---|---|---|---|---|
| 2014 | 230,619 | 225,917 | 223,298 | 220,772 | 216,828 | 214,679 |
| 2013 | 12,160 | 12,107 | 12,553 | 11,659 | 10,442 | 10,694 |
| 2012 | 78,676 | 73,462 | 69,231 | 65,166 | 65,223 | 70,492 |
| 2011 | 120,706 | 118,747 | 116,667 | 113,684 | 111,075 | 112,879 |
| 2010 | 252,574 | 246,900 | 241,815 | 233,251 | 229,108 | 234,098 |
| 2009 | 33,320 | 32,427 | 31,295 | 29,495 | 29,276 | 29,570 |
| 12014 | 74,965 | 72,869 | 69,537 | 68,391 | 67,981 | 71,092 |
| 2013 | 185,121 | 177,462 | 167,268 | 159,420 | 152,335 | 149,532 |
| 2012 | 174,309 | 170,541 | 163,590 | 159,210 | 155,001 | 150,866 |
| 2011 | 128,086 | 123,521 | 118,640 | 113,512 | 110,662 | 110,859 |
| 2010 | 37,604 | 36,425 | 35,054 | 34,090 | 33,625 | 34,028 |
| 2009 | 1,328,140 | 1,290,378 | 1,248,948 | 1,208,650 | 1,181,556 | 1,188,789 |
| 2014 | 1,431,553 | 1,418,522 | 1,376,628 | 1,353,257 | 1,362,489 | 1,382,861 |
| 2013 | 1,377,013 | 1,355,720 | 1,302,641 | 1,261,698 | 1,252,517 | 1,275,514 |
| 2012 | 54,540 | 62,802 | 73,987 | 91,559 | 109,972 | 107,347 |
| 2011 | 3.80% | 4.40% | 5.40% | 6.80% | 8.10% | 7.80% |
**Schedule D–4**  
Public Education Student Enrollment (K-12)  
Last Ten Academic Years

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Elementary</td>
<td>358,908</td>
<td>358,190</td>
<td>356,686</td>
<td>353,050</td>
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<tr>
<td>Secondary</td>
<td>299,893</td>
<td>294,158</td>
<td>287,790</td>
<td>280,846</td>
</tr>
<tr>
<td>Total All Grades</td>
<td>658,801</td>
<td>652,348</td>
<td>644,476</td>
<td>633,896</td>
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</table>

Source: State of Utah Office of Education

Note: Public Education Student Enrollment count is based on October 1st counts.

---

**Schedule D–5**  
Public Higher Education Enrollment  
Last Ten Academic Years

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>University of Utah</td>
<td>32,852</td>
<td>33,023</td>
<td>32,800</td>
<td>32,061</td>
</tr>
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<td>Utah State University</td>
<td>27,810</td>
<td>27,932</td>
<td>27,679</td>
<td>28,118</td>
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<td>Weber State University</td>
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<td>28,247</td>
<td>27,949</td>
<td>26,809</td>
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<tr>
<td>Southern Utah University</td>
<td>11,224</td>
<td>10,196</td>
<td>9,468</td>
<td>8,955</td>
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<td>Salt Lake Community College</td>
<td>29,517</td>
<td>29,156</td>
<td>29,620</td>
<td>29,901</td>
</tr>
<tr>
<td>Utah Valley University</td>
<td>41,728</td>
<td>39,931</td>
<td>37,282</td>
<td>34,978</td>
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<tr>
<td>Dixie State University</td>
<td>11,193</td>
<td>9,950</td>
<td>9,673</td>
<td>8,993</td>
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<tr>
<td>College of Eastern Utah</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Snow College</td>
<td>5,383</td>
<td>5,514</td>
<td>5,563</td>
<td>5,350</td>
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<tr>
<td>Utah System of Technical Colleges</td>
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<td>19,418</td>
<td>16,838</td>
<td>17,293</td>
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<tr>
<td>Total All Institutions</td>
<td>209,481</td>
<td>203,367</td>
<td>196,872</td>
<td>192,458</td>
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</table>

Source: Utah State Board of Regents

Note: Utah Higher Education Enrollment count is based on fall semester third week headcounts.

1 Includes USU-Eastern (formerly College of Eastern Utah) beginning in academic year 2011–12.
### Academic Year

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<tr>
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</thead>
<tbody>
<tr>
<td>2014–15</td>
<td>349,382</td>
<td>345,967</td>
<td>340,443</td>
<td>334,110</td>
<td>329,111</td>
<td>322,704</td>
</tr>
<tr>
<td>2015–16</td>
<td>272,771</td>
<td>266,584</td>
<td>260,542</td>
<td>253,635</td>
<td>247,134</td>
<td>240,569</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>2015–16</td>
<td>31,673</td>
<td>31,515</td>
<td>32,080</td>
<td>32,398</td>
<td>31,673</td>
<td>30,833</td>
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<td>27,662</td>
<td>27,812</td>
<td>28,786</td>
<td>28,994</td>
<td>25,767</td>
</tr>
<tr>
<td>2015–16</td>
<td>25,955</td>
<td>26,266</td>
<td>25,301</td>
<td>26,680</td>
<td>25,483</td>
<td>24,126</td>
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<tr>
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<td>7,745</td>
<td>8,297</td>
<td>7,750</td>
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<td>31,137</td>
<td>30,112</td>
<td>33,167</td>
<td>33,983</td>
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<td>31,332</td>
<td>30,564</td>
<td>31,556</td>
<td>33,395</td>
<td>32,670</td>
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<tr>
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<td>8,570</td>
<td>8,350</td>
<td>8,863</td>
<td>9,086</td>
<td>8,755</td>
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<td>2,634</td>
<td>2,634</td>
<td>2,634</td>
<td>2,634</td>
<td>2,634</td>
</tr>
<tr>
<td>2015–16</td>
<td>5,111</td>
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<td>4,605</td>
<td>4,599</td>
<td>4,465</td>
<td>4,386</td>
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<td>2015–16</td>
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<td>14,834</td>
<td>14,851</td>
<td>15,418</td>
<td>15,536</td>
<td>18,476</td>
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<tr>
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<td>187,703</td>
<td>182,151</td>
<td>182,445</td>
<td>186,709</td>
<td>189,549</td>
<td>189,654</td>
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</table>
## Full-Time Equivalent State Employees by Function

### Last Ten Fiscal Years

<table>
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<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td><strong>General Government:</strong></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Government Operations</td>
<td>2,150</td>
<td>2,122</td>
<td>2,095</td>
<td>2,063</td>
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<tr>
<td>Tax Commission</td>
<td>685</td>
<td>690</td>
<td>690</td>
<td>697</td>
</tr>
<tr>
<td>All Other</td>
<td>191</td>
<td>184</td>
<td>185</td>
<td>181</td>
</tr>
<tr>
<td><strong>Human Services and Juvenile Justice Services</strong></td>
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<td>4,046</td>
<td>4,113</td>
<td>4,037</td>
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<tr>
<td>Department of Public Safety</td>
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<td>1,341</td>
<td>1,333</td>
<td>1,329</td>
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<tr>
<td>Utah National Guard</td>
<td>261</td>
<td>253</td>
<td>247</td>
<td>226</td>
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<td>State Courts</td>
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<td>986</td>
<td>994</td>
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<td><strong>Health and Environmental Quality:</strong></td>
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<td></td>
<td></td>
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<tr>
<td>Department of Health</td>
<td>992</td>
<td>977</td>
<td>954</td>
<td>943</td>
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<tr>
<td>Department of Environmental Quality</td>
<td>358</td>
<td>361</td>
<td>365</td>
<td>367</td>
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<td><strong>Employment and Family Services</strong></td>
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<tr>
<td>Employment and Family Services 1, 2</td>
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<td>2,043</td>
<td>1,989</td>
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<td>Natural Resources</td>
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<td>1,361</td>
<td>1,334</td>
<td>1,320</td>
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<td>124</td>
<td>126</td>
<td>125</td>
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<td>773</td>
<td>767</td>
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<tr>
<td><strong>Education:</strong></td>
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<td>Public Education Support 2</td>
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<td>721</td>
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<td>Higher Education Support</td>
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<td>399</td>
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<td>236</td>
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<td>Transportation</td>
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<td>1,638</td>
<td>1,642</td>
<td>1,616</td>
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<td><strong>Total Full-time Equivalent State Employees</strong></td>
<td>20,691</td>
<td>20,556</td>
<td>20,375</td>
<td>20,150</td>
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</tbody>
</table>

Source: Utah Department of Administrative Services, Division of Finance

1 In fiscal year 2013, Legislative action moved the Housing and Community Development Division from Heritage and Arts to Employment and Family Services.

2 In fiscal year 2017, Legislative action moved the Utah State Office of Rehabilitation from Public Education Support to Employment and Family Services.
<table>
<thead>
<tr>
<th></th>
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<td>226</td>
<td>214</td>
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<td>950</td>
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<td>213</td>
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<td>1,612</td>
<td>1,637</td>
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<td>19,950</td>
<td>20,019</td>
<td>19,870</td>
<td>20,057</td>
<td>20,418</td>
</tr>
</tbody>
</table>
### General Government

**Government Operations:**

**Tax Commission:**
- Percent of Data Managed Electronically: 86.00% (2019), 84.50% (2018), 83.80% (2017), 83.20% (2016)

### Human Services and Juvenile Justice Services


**Corrections:**
- Utah Incarceration Rate (per 100,000 population): N/A (2019), N/A (2018), 206 (2017), 201 (2016)
- US Incarceration Rate (per 100,000 population): N/A (2019), N/A (2018), 440 (2017), 450 (2016)

**State Courts:**

### Health


### Employment and Family Services

- Percent Who Entered Employment: 67.00% (2019), 67.00% (2018), 73.00% (2017), 71.00% (2016)

### Natural Resources

**Hatchery Fish, Pounds Raised:** 1,155,821 (2019), 1,089,720 (2018), 1,081,766 (2017), 1,093,205 (2016)

### Business, Labor, and Agriculture

**Department of Commerce:**

**Department of Agriculture and Food:**

### Higher Education

**Number of Certificates and Degrees Awarded:** 38,622 (2019), 37,756 (2018), 36,701 (2017), 33,822 (2016)

### Transportation

**Percent of Roads Which are Deficient:** N/A (2019), 8.60% (2018), 9.64% (2017), N/A (2016)

Source: Various agencies of the State and the Utah State Board of Regents.

Note: N/A = Data Not Available

1. Data is provided on a calendar year basis.
2. State Courts includes filings and dispositions for the appellate, district, and juvenile courts; it does not include the justice courts which are operated by cities and counties.
3. Includes only licenses for elk, deer, fishing, and all other big game.
4. Includes professional, occupational, real estate, and securities licenses. Does not include corporation and other business registrations or filings.
5. Assessments are completed at a minimum of every other calendar year. See Information About Infrastructure Assets Reported Using The Modified Approach.
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Total</td>
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<td>1,020</td>
<td>815</td>
<td>849</td>
<td>898</td>
<td>847</td>
</tr>
<tr>
<td>%</td>
<td>81.80%</td>
<td>79.90%</td>
<td>78.10%</td>
<td>75.50%</td>
<td>77.00%</td>
<td>70.50%</td>
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<td>1,103,323</td>
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<td>348,459</td>
<td>363,154</td>
<td>389,426</td>
<td>404,316</td>
<td>394,170</td>
<td>363,714</td>
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<tr>
<td>11.65%</td>
<td>12.33%</td>
<td>13.42%</td>
<td>14.16%</td>
<td>14.01%</td>
<td>13.11%</td>
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<td>923</td>
<td>928</td>
<td>946</td>
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<tr>
<td>7.80%</td>
<td>6.60%</td>
<td>5.90%</td>
<td>6.40%</td>
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Source: Utah Department of Administrative Services, Division of Finance and various agencies of the State.
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State of Utah

Schedule F–1
Expenditures — Historical and Constant Dollars
All Governmental Fund Types
Last Five Fiscal Years

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<th>Constant Dollars (in millions)</th>
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Note: Historical and Constant percentage changes may not be exact due to rounding.
Source: Constant Dollars are derived using the Consumer Price Index for all urban consumers, base year 1982–84 = 100.
State of Utah

Schedule F–2
Per Capita Expenditures — Historical and Constant Dollars
All Governmental Fund Types
Last Five Fiscal Years

Per Capita Expenditures

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<td>4.13%</td>
<td>$1,681</td>
<td>2.25%</td>
</tr>
<tr>
<td>2018</td>
<td>$4,218</td>
<td>3.40%</td>
<td>$1,700</td>
<td>1.12%</td>
</tr>
<tr>
<td>2019</td>
<td>$4,343</td>
<td>2.97%</td>
<td>$1,715</td>
<td>0.88%</td>
</tr>
</tbody>
</table>

Note: Prior year information has been updated with the most recent population data available. Historical and Constant percentage changes may not be exact due to rounding.

Source: Historical Dollars are derived by dividing total expenditures of governmental funds by population data (See Schedule D-1). Constant Dollars are derived using the Consumer Price Index for all urban consumers, base year 1982–84 = 100.
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