







# Comprehensive Annual Financial Report For the Year Ended June 30, 2018



#### **COVER**

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# THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

# COMPREHENSIVE ANNUAL FINANCIAL REPORT

For the Year Ended June 30, 2018

Prepared by DEPARTMENT OF FINANCE

#### COMPREHENSIVE ANNUAL FINANCIAL REPORT

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October 31, 2018

To the Citizens of Nashville and Davidson County, Tennessee:

#### FORMAL TRANSMITTAL OF THE COMPREHENSIVE ANNUAL FINANCIAL REPORT

We are pleased to submit the Comprehensive Annual Financial Report of the Metropolitan Government of Nashville and Davidson County, Tennessee (the Government) for the fiscal year ended June 30, 2018. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with the management of the Government. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the various funds and component units of the Government in accordance with generally accepted accounting principles (GAAP). All disclosures necessary to enable the reader to gain an understanding of the Government's financial activities have been included.

The Government is required to undergo an annual single audit in conformity with the provisions of the Single Audit Act, as amended, and Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Information related to this single audit, including the schedules of federal and state financial assistance, findings and recommendations, and independent auditors' reports on the internal control structure and compliance with applicable laws and regulations, are not included herein but are reported separately.

In conformity with generally accepted accounting principles, this report includes all funds of the primary government and all component units. For purposes of this report, the primary government includes all departments and agencies of the Government which are not separate legal entities, including the Department of Water and Sewerage Services and Metropolitan Nashville Public Schools. The component units include those separate legal entities whose relationships with the primary government meet the criteria for inclusion.

The Government is required to provide a narrative introduction, overview and analysis to accompany the basic financial statements in the form of management's discussion and analysis (MD&A). This letter of transmittal is intended to complement MD&A and should be read in conjunction with it. The Government's MD&A can be found immediately following the report of the independent auditors.

#### PROFILE OF THE GOVERNMENT

Metropolitan Nashville and Davidson County is located in middle Tennessee at the hub of many air, rail and highway transportation routes. The Government provides a full range of services. These services include education; police and fire protection; waste management; construction and maintenance of highways, streets and infrastructure; traffic regulation and control; parking; health and social services; recreational and cultural activities; public libraries; planning and zoning; water and sewerage services; administration of justice; and general administrative services.

#### **FACTORS AFFECTING ECONOMIC AND FINANCIAL CONDITION**

The local economy is a well-balanced blend of financial, wholesale, retail, manufacturing and service industries. The local mix of these industries roughly reflects the national economy, with no single industry being predominant in the region. Computer technology, automotive, medical, private prison management, insurance, banking, publishing, telecommunications and entertainment companies and private educational institutions all find a home in Nashville. With a rich economic, social and cultural environment, the city consistently scores high in national rankings of preferred business locations, best places to live and favorable environments for the creation and development of businesses.

The Nashville Metropolitan Statistical Area (MSA) economy has historically been healthier than the National and State economies, with lower unemployment than the State as a whole.

The Government's two most significant locally generated revenue sources are property and sales taxes.

#### MAJOR INITIATIVES

The Government continues to emphasize delivery of focused public services in a way that provides efficiency, effectiveness and value to the citizens of Nashville. The Government's major initiatives for fiscal year 2018, for fiscal year 2019 and for the future are discussed below.

FOR FISCAL YEAR 2018: Substitute budget ordinance BL-2017-722 appropriated a balanced budget of \$2,209,690,100 in the budgetary funds, an overall increase of 5.9% from the budget for fiscal year 2017.

The fiscal year 2018 budget continued to make improvements in the Nashville community's priority areas:

 Public Education – Metro Nashville Public Schools (MNPS) received \$879.3 million in fiscal year 2018, which was an increase in MNPS's operational funding from fiscal year 2017 of \$36.0 million. The recommended increase funded pay increases for teachers and administrative staff, expanded English language learner programs, enhanced literacy initiatives, and strengthened the Government's commitment to education.

English language learners (ELL) represent a significant portion of the MNPS students with needs that require focused resources; the fiscal year 2018 budget continued our commitment to this population with a special focus on New Americans. The investment in the continued expansion of the MNPS literacy program focused on helping the lowest-achieving readers get back on grade level.

• Transportation and Infrastructure – The fiscal year 2018 budget included a \$6.6 million increase in the operating subsidy for the Metropolitan Transit Authority. This was the largest single year increase in the Government's history which is evidence of the administration's commitment to public transportation and the economic impact it provides. The increase funded several initiatives to increase ridership. Transfer fees have long been an inconvenience and added burden to riders, and additional funding eliminated the transfer fees imposed on riders moving between routes. Resources were also provided for access ride and mobility on demand pilots to include crosstown connections and after-hours service. Additionally, funding was dedicated to the extension of the Music City Circuit to Tennessee State University (TSU) along the Jefferson Street corridor. This extension provided unprecedented service between TSU, Jefferson Street and downtown.

Infrastructure needs were also addressed through an increase of \$1.7 million to the fiscal year 2018 budget for the Public Works Department. This funding provided additional transportation planning to improve traffic and prepare for a 21st century mass transit system in Nashville. Additionally, waste collection activities were enhanced by providing a roving trash truck to meet intermittent demand to keep our streets and alleyways cleaner. With conservation an ever important Government objective, the downtown area saw a new glass recycling program that improves the environment by reusing glass bottles that would otherwise end up in landfills.

Affordable Housing and Homelessness – The fiscal year 2018 budget recognized that Nashville is in a period of unprecedented growth where many are prospering and others need assistance. The city's growth has resulted in increasing housing prices, making it unaffordable for some to live in Nashville. Housing priorities are focused on how the Government can help fund, build, preserve and retain affordable housing options. The fiscal year 2018 budget included \$10.0 million of funding to the Barnes Fund for Affordable Housing.

The fiscal year 2018 budget also provided for additional funding for the continued pursuit of reducing homelessness within the city. The Homeless Commission received funding for three outreach workers to directly work with the citizens with the highest level of need and an additional support staff member. Additional funding was also provided for expanded operation of the warming shelters on the coldest days, emergency direct assistance, and indigent burial. Funding was also provided for bus passes for individuals experiencing homeless and working with housing navigators.

• Quality of Life – The fiscal year 2018 budget was committed to providing a good quality of life for all Nashville citizens. The budget for the Parks Department increased by \$1.0 million to fund the operations for two new regional community centers that opened in fiscal year 2018 – one at Smith Springs and another in Madison. The increase also funded two new Parks police officers to serve the expanding system, additional staffing to provide recreational opportunities for citizens with disabilities, and other operational enhancements.

The Public Health Department received additional funding to continue to adjust to the changing health needs of Nashville by providing for a dedicated staff member to lead and coordinate local efforts to combat the nationwide opioid epidemic and for a dental hygienist and a part time dentist to provide expanded dental care for children to supplement services provided by the Federal Women, Infant, and Children (WIC) programs. Also, the additional funding allowed Metro Animal Care and Control to upgrade its software system to improve efficiency in coordination with veterinarians and citizens and improve rabies control.

Public Safety – Resources dedicated to public safety services increased by \$26.1 million.

The Police Department's fiscal year 2018 budget increase of \$4.0 million included funding for 70 new police officers, including 48 to enhance patrol detail and 22 for a pilot program for walking detail, for enhancements for the drill and ceremony team, and support for special events, which is important to maintain safety at Nashville's ever-growing list of events and programs.

The Fire Department's fiscal year 2018 budget increase of \$1.9 million included funding for 14 positions for fire recruits and inspections staff. As Nashville continues its building boom, it is important to meet this demand with additional fire response and additional inspection capacity.

The Government is in the process of rebuilding the existing Criminal Justice Center in its existing footprint. The Davidson County Sheriff's Office budget for fiscal year 2018 continued to support full staffing for correctional services, thus maintaining the administration's commitment to public safety.

The Office of Family Safety's fiscal year 2018 budget increase of \$.4 million included funding to increase domestic violence services and to hire a director for the family justice center which is under construction.

The fiscal year 2018 budget for the Department of Emergency Communications included funding to provide for additional fire training for staff to ensure a high quality response. As Nashville continues to grow, the number of special events requiring emergency communications services has increased. The fiscal year 2018 budget also included funding to support increased overtime for special events.

An effective court system is an integral part of ensuring public safety, and the General Sessions Court is a key partner contributing to this objective. The roles of courts have evolved over the years, to not only hear cases, but to also address community issues through specialty courts. The fiscal year 2018 budget added funding to the Veterans' Treatment Court to enhance case management

services and to the Drug Treatment and Mental Health Courts to provide direct services to program participants.

FOR FISCAL YEAR 2019: Substitute budget ordinance BL-2018-1184 appropriated a balanced budget of \$2,230,100,600 in the budgetary funds, an overall increase of 0.92% from the budget for fiscal year 2018.

The fiscal year 2019 budget continues to support all Nashville residents by focusing on core services that will deliver immediate impact where needed most while paving the way for sustained long-term investments that will benefit all Nashvillians into the future through programs based on three key pillars – equitable outcomes, broadest measurable impact, and tangible return on investment:

- Public Education Metro Nashville Public Schools (MNPS) is receiving \$884.3 million in fiscal year 2019, which is an increase in MNPS's operational funding from fiscal year 2018 of \$5.0 million. The additional funding helps MNPS to meet the needs of curriculum, instruction, and support services and strengthens the Government's commitment to education.
- Transportation and Infrastructure The fiscal year 2019 budget maintains a \$48.6 million operating subsidy to the Metro Transit Authority (MTA). MTA consists of city buses and paratransit serving Nashville and Davidson County. Most bus routes serve the downtown transit station, Music City Central. The fiscal year 2019 budget also maintains \$1.5 million of funding to the commuter rail service, the Music City Star. This service runs between downtown Nashville and Lebanon, Tennessee.

Infrastructure needs are also addressed through an increase of \$2.3 million in the fiscal year 2019 budget for the Public Works Department. This increase provides funding for services to areas of Davidson County that have been annexed into the Urban Services District. When a property is annexed into this area, additional services, such as garbage collection and street lighting, are provided. The fiscal year 2019 budget also provides funding for a contractual cost increase with the Downtown Partnership which provides parking and other services in the downtown area.

- Affordable Housing and Homelessness The fiscal year 2019 budget continues to recognize that
  Metro's growth has resulted in increasing housing prices, making it unaffordable for some to live
  in Nashville. The fiscal year 2019 budget includes \$10 million of funding to the Barnes Fund for
  Affordable Housing and \$450,000 in funding to continue the housing incentive pilot program.
- Quality of Life The fiscal year 2019 budget is committed to providing a good quality of life for all Nashville citizens. The budget for the Parks Department is increasing by \$1.8 million for full funding for two new regional community centers opened during fiscal year 2018.
- Community and Economic Development For the first time, Metro is contributing to four local Chambers of Commerce. The Nashville LGBT Chamber of Commerce, the Nashville Black Chamber of Commerce, the Tennessee Latin American Chamber of Commerce, and the Nashville Area Hispanic Chamber of Commerce each received \$25,000 in the fiscal year 2019 budget. Additionally, the Nashville Area Chamber of Commerce is receiving \$350,000 for Partnership 2020, an economic development initiative program.
- Youth and Family The administration recognizes the importance of investing in youth education and employment. The fiscal year 2019 budget includes \$2.9 million for the Opportunity NOW program, which provides summer employment internships within Metro and through local nonprofit organizations. Additional employment opportunities are facilitated through direct connections between private employers and young people in the county.
- Health and Hospitals The fiscal year 2019 budget includes funding of \$46.1 million for Nashville General Hospital, an increase of \$11.1 million over the prior year. For the past three fiscal years, Nashville General Hospital has required additional supplemental funding. The fiscal year 2019 budget will fully fund Nashville General Hospital.

The Public Health Department is receiving additional funding to continue programs that were approved in fiscal year 2018, including a mental health crisis services center providing emergency psychiatric care 24/7 and an animal welfare program. Additionally, the Public Health Department is receiving funding for a competitive grant program for nonprofits providing services not provided by Metro as well as services that enhance existing Metro programs.

Public Safety – Resources dedicated to public safety services are increasing by \$10.4 million.

The Police Department's fiscal year 2019 budget increase includes additional funding for the Secondary Employment Unit (SEU), including two additional positions to monitor off-duty police employment activities. The SEU contracts with Metro agencies as well as private businesses and organizations to provide the services of off-duty Metro police officers.

The Office of Family Safety's fiscal year 2019 budget increase includes additional funding to replace a previously grant-funded position and to provide funding related to the new Family Justice Center that will become operational during fiscal year 2019. Additionally, funding has been provided to fund a competitive grant program for nonprofits providing domestic violence services.

Metro is in the process of rebuilding the existing Criminal Justice Center in its existing footprint. The Sheriff's Office budget for fiscal year 2019 provides additional funding to enhance security at the current temporary jail location and funding for security needs at the new Family Justice Center. Finally, funding has been provided to continue the Steering Clear program which offers public service and driver education programs instead of arresting drivers or seeking payment of exorbitant fines. The program is a cost-saving measure for the court system as well as beneficial to drivers.

These initiatives have all been addressed while ensuring the Government meets its fundamental objectives of maintaining a balanced budget, maintaining existing services, and investing in Nashville's future. This was achieved for the fiscal year 2019 budget without a property tax increase. Revenue increases are anticipated from modest growth in the property tax base, increases in local option sales taxes, and growth in other revenue sources. A measured amount of fund balances has been appropriated to balance the budget. Departmental savings opportunities were also considered. Details of the fiscal year 2018 and fiscal year 2019 budgets are described in the annual *Operating Budget* books published by the Department of Finance, Office of Management and Budget. They are also available on the GFOA-award-winning Citizen's Guide to the Budget at <a href="https://www.nashville.gov/Finance/Management-and-Budget/Citizens-Guide-to-the-Budget.aspx">www.nashville.gov/Finance/Management-and-Budget/Citizens-Guide-to-the-Budget.aspx</a>.

FOR THE FUTURE: The Metropolitan Government of Nashville and Davidson County will maintain as its primary focus:

- Education The administration is committed to strengthening Nashville's public schools and ensuring every child has access to a high-quality public education. This commitment includes ensuring that all students have access to effective teachers and leaders. The administration will continue to work toward improving schools by encouraging our community to devote its time, attention, and financial resources to the public school system we know we must have. The administration will also work with Nashville's nonprofit and educational institutions to promote policies that will spur innovation and support our parents and teachers.
- Public Safety and Justice The administration will work to improve public safety by ensuring that our police officers, firefighters, and other emergency responders have the tools and resources necessary to keep the community safe by reducing crime and quickly responding to emergencies.
- Infrastructure and Sustainability The administration is focused on providing the infrastructure
  that is foundational to the city's economic development while also addressing challenges from
  rapid growth, preserving our region's natural resources, and improving our residents' quality of
  life. The administration provides leadership, accountability, and stakeholder engagement around
  Nashville's push to create an efficient, equitable transportation network and incorporate
  sustainability throughout all operations of the Government and the city at-large.

The administration works closely with the community in the development, coordination, and administration of transportation and growth policies for Nashville, including: 1) Moving the Music City – the Mayor's three-year transportation action agenda, 2) NashvilleNext – the countywide General Plan, 3) nMotion – the strategic master plan of the Metropolitan Transit Authority and Regional Transit Authority, 4) WalknBike, the Government's strategic master plan for sidewalks and bikeways, and 5) Plan to Play, Metro Parks' strategic plan for parkland and greenways.

The administration is currently working with and providing leadership to the Mayor's Livable Nashville Committee to develop a vision and implementation strategy to make Nashville the greenest city in the Southeast by working together to conserve resources and increase equity of access to clean air, water, nature and other amenities of a livable community. The Committee also works closely with citizens, the business community, and Metro departments, including Public Works, Planning, Parks, Water Services, General Services, Codes, and the Metropolitan Transit Authority, to update and implement Nashville's policies and plans for transportation and sustainability.

Economic Opportunity – Our high quality of life, creative culture, low tax rates, and industry leadership in healthcare, technology, education, and music make Nashville one of the best places to start, grow or relocate a business. The administration is focused on continuing efforts to grow the local economy while also ensuring that more residents and communities within Nashville are able to participate in the growth and prosperity of our city. In order to further this goal, the Mayor's Office of Economic and Community Development (ECD) works with the Nashville Area Chamber of Commerce to recruit and retain businesses that will create new, high-quality jobs for residents. In addition to attracting new companies to Nashville, the ECD is committed to helping connect citizens from every part of the county to programs designed to promote entrepreneurship and small business ownership, including enhancing our creative economy and enhancing economic opportunities for new Americans.

The administration also is focused on building, funding, and preserving affordable housing options while supporting efforts to prevent displacement and create mixed-income communities in Nashville. The Mayor's Office seeks to increase housing affordability countywide using data-driven policy and innovative development tools, including the Barnes Fund for Affordable Housing, the housing incentives pilot program, general obligation bonds, tax abatements, nonprofit capacity building, the creation of a community land trust, and the donation and development of Metro-owned properties. The administration also facilitates partnerships and implements policies that provide housing options for persons experiencing homelessness to those looking to stabilize their families with affordable homeownership opportunities.

• Neighborhoods and Community Engagement – Metro leaders work with neighborhood and community groups to enhance citizen engagement in the governing process and empower them to take steps to improve their local communities. The Mayor's Office of Neighborhoods and Community Engagement works to improve the quality of life for Nashville residents through a more informed, active, and involved citizenry and enhanced governmental response to community needs. A key initiative that took flight in the 2018 fiscal year was HubNashville, the city's comprehensive new customer service system. Residents submitted more than 100,000 service tickets in the system's first year. The administration is committed to making sure that Nashville remains a place where people can live, work and play in their neighborhoods. That means protecting and enhancing our networks of parks, libraries and community centers, as well as preserving the vibrant arts, entertainment and music culture that has made Nashville an international destination.

#### FINANCIAL INFORMATION

CASH MANAGEMENT: Cash temporarily idle during the year was primarily invested in the State of Tennessee Local Government Investment Pool, the State of Tennessee Intermediate Term Investment Pool, and the First Tennessee Bank Advisors Direct Holdings. Investments are made either directly or through the Metro Investment Pool. Investments in the pension trust funds also include common stocks, U.S. Treasury Obligations, corporate bonds and other holdings.

The Government's investment policy is to preserve principal, minimize credit and market risks and maintain adequate liquidity while maximizing the rate of return on its portfolio. The investment policy encourages conservative, low risk investments and does not permit high risk methods to enhance investment returns. The majority of the cash deposits are held by financial institutions participating in the bank collateral pool administered by the State of Tennessee, thus ensuring that they are collateralized. The banking service agreement provides for the daily investment of demand deposit balances.

RISK MANAGEMENT: The Government continued to operate a risk management program, which was initiated in 1978. As part of its comprehensive plan, resources are being accumulated in various internal service funds to meet potential losses. Additionally, the Government has a property insurance policy for losses in excess of certain amounts. Accepted risk control techniques, including employee accident prevention training, have been implemented to minimize the risk of potential liability losses. The Government has elected to come under the Tennessee Tort Liability laws in order to limit its potential liability.

PENSION TRUST FUNDS: The pension system of the Government covers substantially all full-time employees. It consists of one pension plan that is open to new members and five pension plans that are closed to new members but are still used by some employees of the former City of Nashville, the former Davidson County and Metropolitan Nashville Public Schools.

After recognizing contributions from other funds, employees, and the State of Tennessee, the General Fund is responsible for amounts necessary to fund the Metropolitan Employees' Benefit Trust Fund (which includes Division A, the closed plan, and Division B, the open plan) and the following four closed plans:

The County Plan - Davidson County Employees' Retirement Fund
The County Education Plan - Employees' Pension and Insurance Fund
The City Plan - Closed City Plan Fund
The City Education Plan - Teachers' Civil Service and Pension Fund

After recognizing contributions from employees and the State of Tennessee, Metropolitan Nashville Public Schools is responsible for funding the Metro Education plan – The Teachers' Retirement Plan Fund.

The total net assets of all pension (and other employee benefit) trust funds were \$3.2 billion at June 30, 2018.

INTERNAL CONTROL STRUCTURE: Management of the Government establishes and maintains an internal control structure designed to ensure that the assets of the Government are protected from loss, theft, or misuse and to ensure that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived, and (2) the valuation of costs and benefits requires estimates and judgments by management.

BUDGETARY CONTROLS: The Government maintains budgetary controls in order to ensure compliance with legal provisions embodied in the annual appropriated budget approved by the Government's governing body, the Metropolitan Council. Activities of the General Fund, General Purpose School Fund and the GSD General Purposes, School Purposes and USD General Purposes Debt Service Funds are included in the annual appropriated budget. The Government maintains an encumbrance accounting system to provide management with information regarding obligations against appropriations. Budgetary compliance is based on expenditures during the period (GAAP), rather than expenditures and encumbrances (non-GAAP). Because appropriations lapse at June 30, encumbrances outstanding at June 30, 2018 are disclosed in the notes to the financial statements. Appropriations for fiscal year 2019 will provide authority to complete those transactions.

SINGLE AUDIT: As a recipient of federal and state financial assistance, the Government is responsible for ensuring that an adequate internal control structure is in place to ensure compliance with applicable laws and regulations related to those programs. As part of the Government's single audit, tests are performed to determine the adequacy of the internal control structure, including that portion related to federal financial

assistance programs, as well as to determine that the Government has complied, in all material respects, with applicable laws and regulations. The results of the Government's single audit for fiscal year 2018 are reported separately.

INDEPENDENT AUDIT: Section 6.15 of the Metropolitan Charter requires an annual audit of accounts and other evidences of financial transactions of the Government and of its departments, offices and agencies by independent certified public accountants. The audit is performed by a firm chosen by a three-member audit board consisting of the Vice-Mayor, the Chair of the Budget and Finance Committee of the Metropolitan Council, and the Chair of the Metropolitan Nashville Public School Board. The Government has complied with this requirement. The independent auditors' report is included in the financial section of this report.

#### **AWARDS AND ACKNOWLEDGEMENTS**

AWARDS: The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Government for its Comprehensive Annual Financial Report (CAFR) for the fiscal year ended June 30, 2017. This was the 35<sup>th</sup> consecutive year that the Government has achieved this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized CAFR. 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 CAFR continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

The GFOA presented a Distinguished Budget Presentation Award to the Government for its annual budget for the fiscal year beginning July 1, 2017. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device. The award is valid for a period of one year only. It is the Government's 27<sup>th</sup> year to receive this award.

ACKNOWLEDGMENTS: Many individuals and organizations throughout the Government assisted in preparing this CAFR. To each of them we gratefully express our sincere appreciation for their dedicated contributions.

In conclusion, we acknowledge and express our appreciation for the strong support of the Metropolitan Council. The Council's support will continue to be vital as we work together to strengthen the financial condition of the Metropolitan Government.

Sincerely,

David Briley

Mayor

Talia Lomax-O'dneal



Government Finance Officers Association

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

# The Metropolitan Government of Nashville & Davidson County Tennessee

For its Comprehensive Annual Financial Report for the Fiscal Year Ended

June 30, 2017

Christophu P. Movill

Executive Director/CEO

#### FORM OF GOVERNMENT

On April 1, 1963 the governments of the City of Nashville and Davidson County were consolidated into a single "Metropolitan Government of Nashville and Davidson County", under which the boundaries of the City of Nashville and Davidson County are coextensive.

The executive and administrative powers are vested in the Mayor, who is elected at large for a four-year term. The Mayor is authorized to administer, supervise and control all departments and to appoint all members of boards and commissions subject to the approval of the Council. A two-thirds vote of the legislative body, the Council, is required to override the Mayor's veto. The Charter also provides for a Vice-Mayor, who is elected at large for a four-year term and is the presiding officer of the Council. The Council is composed of 40 members who are elected for four-year terms.

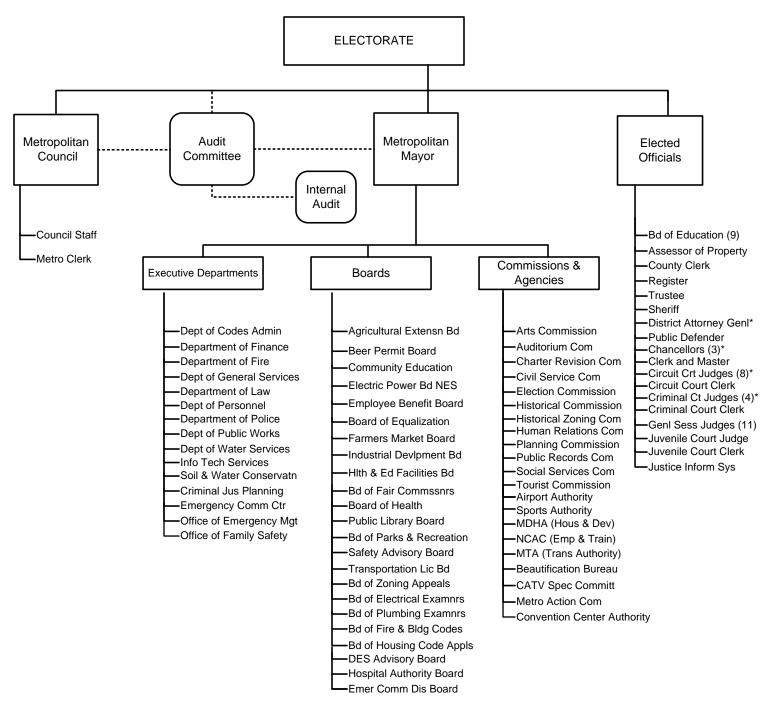
The Charter provides a framework for local government in Nashville to serve the needs of two service districts: (i) the General Services District (the GSD) and (ii) the Urban Services District (the USD). The GSD embraces the entire area of Davidson County and its residents are taxed to support those services, functions and debt obligations which are deemed properly chargeable to the whole population. Such services include general administration, police, fire protection, courts, jails, health, welfare, hospitals, streets and roads, traffic, schools, parks and recreation, airport facilities, auditoriums, public housing, urban renewal, planning and public libraries.

The original USD conformed to the corporate limits of the City of Nashville as they existed on April 1, 1963, the date of consolidation. USD residents are charged an additional tax to support those services, functions and debt obligations which benefit only the USD. Such services include additional police protection, storm sewers, street lighting and refuse collection. The Charter provides: "The area of the Urban Services District may be expanded and its territorial limits extended by annexation whenever particular areas of the General Services District come to need urban services, and The Metropolitan Government becomes able to provide such service within a reasonable period which shall be no greater than one year after ad valorem taxes in the annexed area become due." Since April 1, 1963 the area of the USD has been expanded from 72 square miles to 198 square miles.



The USD is a subset of the GSD.

#### **ORGANIZATION CHART**



<sup>\*</sup> State officials with local funding for certain operations

#### **ELECTED OFFICIALS**

#### At June 30, 2018

David Briley, Mayor

#### **Finance Officials**

Vivian M. Wilhoite Assessor of Property Charles E. Cardwell Trustee
Brenda Wynn County Clerk

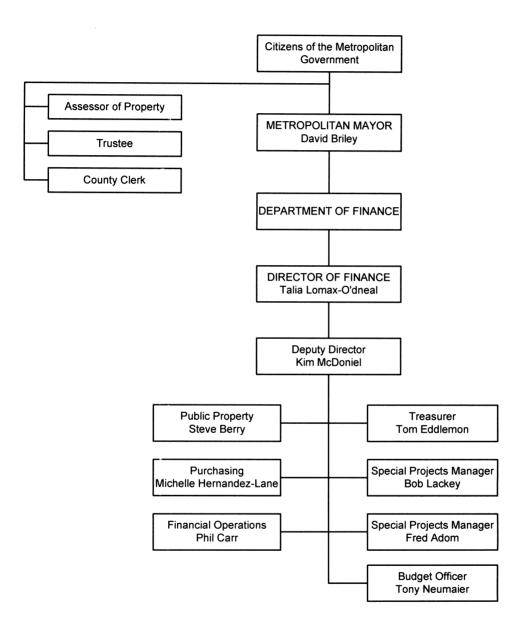
#### **The Metropolitan Council**

Sheri Weiner	Council President
John Cooper	Council Member-at-large
Erica Gilmore	Council Member-at-large
Bob Mendes	Council Member-at-large
Sharon Hurt	Council Member-at-large
Jim Shulman	Council Member-at-large

District No. 1 – Vacant	District No. 19 – Freddie O'Connell
District No. 2 – DeCosta Hastings	District No. 20 – Mary Carolyn Roberts
District No. 3 – Brenda Haywood	District No. 21 – Ed Kindall
District No. 4 – Robert Swope	District No. 22 – Sheri Weiner
District No. 5 – Scott Davis	District No. 23 – Mina Johnson
District No. 6 – Brett Withers	District No. 24 – Kathleen Murphy
District No. 7 – Anthony Davis	District No. 25 – Russ Pulley
District No. 8 – Nancy VanReece	District No. 26 – Jeremy Elrod
District No. 9 – Bill Pridemore	District No. 27 – Davette Blalock
District No. 10 – Doug Pardue	District No. 28 – Tanaka Vercher
District No. 11 – Larry Hagar	District No. 29 – Karen Johnson
District No. 12 – Steve Glover	District No. 30 – Jason Potts
District No. 13 – Holly Huezo	District No. 31 – Fabian Bedne
District No. 14 – Kevin Rhoten	District No. 32 – Jacobia Dowell
District No. 15 – Jeff Syracuse	District No. 33 – Antoinette Lee
District No. 16 – Mike Freeman	District No. 34 – Angie Henderson
District No. 17 – Colby Sledge	District No. 35 – Dave Rosenberg
District No. 18 – Burkley Allen	

# ORGANIZATION OF THE DEPARTMENT OF FINANCE AND OTHER FINANCIAL OFFICES

At June 30, 2018



#### **AUDIT COMMITTEE MEMBERS**

#### At June 30, 2018

#### Member Representing

Brack Reed, Chairperson
Charles C. Frazier, Vice Chairperson
John Cooper
Bob Mendes
Talia Lomax-O'dneal
Vacant

Nashville Area Chamber of Commerce TSCPA, Nashville Chapter Metropolitan Council Member Metropolitan Council Member Finance Director Vice Mayor

Contact:

Mark Swann, Metropolitan Auditor



#### Independent Auditor's Report

To the Honorable Mayor and Members of Council
The Metropolitan Government of Nashville and Davidson County, Tennessee

#### **Report on 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 Metropolitan Government of Nashville and Davidson County, Tennessee (the "Government") as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the Government's basic financial statements as listed in the table of contents. We have also audited the financial statements of each of the Government's nonmajor governmental, nonmajor enterprise, internal service, and fiduciary funds, as well as the financial statements of the Sports Authority Fund and the Industrial Development Board Fund, which are presented as supplementary information in the accompanying financial statements as of and for the year ended June 30, 2018, as listed in the table of contents. We have also audited the financial statements of each of the discretely presented component units of the Government as of and for the year ended June 30, 2018, as presented in the Government's basic financial statements, except as described in the first paragraph of the Auditor's Responsibility section of this report.

#### 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 discretely presented component units: The Nashville District Management Corporation, the Gulch Business Improvement District, Inc., the Metropolitan Development and Housing Agency, the Electric Power Board, the Metropolitan Nashville Airport Authority, the Emergency Communications District, and the Convention Center Authority, which represents 87% of the total assets, 85% of total net position and 87% of the total revenues of the aggregate discretely presented component units of the Government. Those financial statements were audited by other auditors whose reports thereon have been furnished to us, and our opinion, insofar as it relates to the amounts included for those 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 Metropolitan Government of Nashville and Davidson County, Tennessee, as of June 30, 2018, and the respective changes in financial position and, where applicable, cash flows thereof, and the respective budgetary comparisons for the General Fund and the General Purpose School Fund for the year then ended in accordance with accounting principles generally accepted in the United States of America. In addition, 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 each of the nonmajor governmental, nonmajor enterprise, internal service, and fiduciary funds, the Sports Authority Fund, the Industrial Development Board Fund, and each of the discretely presented component units as of June 30, 2018, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

#### Emphasis of Matter

As discussed in Note 2, in fiscal year 2018, the Government adopted Governmental Accounting Standards Board ("GASB") Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefit Other Than Pensions*. 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 management's discussion and analysis on pages A1 through A12, the condition rating of transportation network, the schedule of employer contributions - pension plans, the schedule of changes in net pension liability and related ratios - pension plans, the schedule of investment returns - pension plans, the schedule of the Government's contributions - teacher pension plans of the TCRS, the schedule of the Government's proportionate share of the net pension liability (asset) - teachers pension plans of the TCRS, and the schedule of changes in the total OPEB liability and related ratios - OPEB plans, on pages B-114 through B-115, B-116 through B-119, B-120 through B-131, B-132, B-134 through B-135, B-136, B-137 through B-138, respectively, 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 and other auditors 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 Government's basic financial statements, and each of the nonmajor governmental, nonmajor enterprise, internal service, and fiduciary funds, the Sports Authority Fund, the Industrial Development Board Fund, and the financial statements of each of the discretely presented component units. The schedules on pages C-9, C-10 and C-11, and on pages G-2 through G-28, are presented for purposes of additional analysis and are not a required part of the basic 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 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 by us and other auditors. In our opinion, based on our audit, the procedures performed as described above, and the reports of the other auditors, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory and statistical sections 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 October 31, 2018, on our consideration of the Government'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 solely 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 the effectiveness of the Government's 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 Government's internal control over financial reporting and compliance.

Nashville, Tennessee October 31, 2018

Crosslin, PLLC



#### MANAGEMENT'S DISCUSSION AND ANALYSIS

As management of the Metropolitan Government of Nashville and Davidson County (the Government), we offer readers of the Government's financial statements this narrative overview and analysis of the financial activities of the Government for the fiscal year ended June 30, 2018.

#### FINANCIAL HIGHLIGHTS

- The Government implemented GASB Statement No. 75, <u>Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions</u>, in the fiscal year ended June 30, 2018. The implementation resulted in a reduction in the *net position* of governmental activities of \$2.2 billion at June 30, 2017.
- The assets and deferred outflows of resources of the Government were less than its liabilities and deferred inflows of resources at the close of the most recent fiscal year by \$1.9 billion (net position). This amount includes negative \$3.9 billion of unrestricted net position.
- The Government's total net position decreased by \$215 million (a decrease of \$229 million from governmental activities and an increase of \$14 million from business-type activities).
- As of the close of the current fiscal year, the Government's governmental funds reported combined ending fund balances of negative \$381 million, a decrease of \$517 million in comparison with the prior year.
- At the end of the current fiscal year, unassigned fund balance for the general fund was \$59 million, or 5.5% of total general fund expenditures and other financing uses.
- At the end of the current fiscal year, committed fund balance available for the general purpose school fund was \$33 million, or 3.8% of total general purpose school fund expenditures and other financing uses.
- The enterprise funds reported a net position at year-end of \$1.4 billion, an increase of \$16 million during the year.
- The Government's total general obligation and revenue bonds outstanding increased by \$37 million (1.1%) during the current fiscal year. New bond issues totaled \$245 million, which were offset by principal payments of \$177 million and refundings of \$31 million. Deferred amounts increased a net amount of \$3 million. Other debt decreased by \$4 million due to principal repayments.
- The Government borrows funds under commercial paper programs to provide interim or short-term financing of authorized capital projects prior to the issuance of general obligation or revenue bonds. Total commercial paper outstanding at the close of the fiscal year was \$775 million. The majority of the commercial paper obligations were redeemed with the proceeds of general obligation bonds issued in October 2018.

#### **OVERVIEW OF THE FINANCIAL STATEMENTS**

The discussion and analysis provided here are intended to serve as an introduction to the Government's basic financial statements. The Government's basic financial statements consist of three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also includes supplementary information intended to furnish additional detail to support the basic financial statements.

#### **Government-Wide Financial Statements**

The government-wide financial statements are designed to provide readers with a broad overview of the Government's finances, in a manner similar to a private-sector business.

The Statement of Net Position presents information on all of the Government's assets, deferred outflows of resources, liabilities, and deferred inflows of resources, with the difference reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Government is improving or deteriorating.

The Statement of Activities presents information showing how the Government's net position changed during the most recent fiscal year. All changes in net position are reported on an accrual basis as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes, compensated absences, etc.).

Both of the government-wide financial statements distinguish functions of the Government that are principally supported by taxes and intergovernmental revenues (governmental activities) from other functions that are intended

to recover all or a significant portion of their costs through user fees and charges (business-type activities).

The governmental activities of the Government include general government; fiscal administration; administration of justice; law enforcement and care of prisoners; fire prevention and control; regulation and inspection; conservation of natural resources; public welfare; public health and hospitals; public library system; public works, highways and streets; recreational and cultural; and education.

The business-type activities of the Government include the Department of Water and Sewerage Services, District Energy System, Board of Fair Commissioners, Farmers Market, Surplus Property Auction, Municipal Auditorium, Police Impound, and Stormwater Operations.

The government-wide financial statements include not only the Government itself (known as the *primary government*), but also the Nashville District Management Corporation, Gulch Business Improvement District, Inc., Sports Authority, Industrial Development Board, Hospital Authority, Metropolitan Development and Housing Agency, Electric Power Board, Metropolitan Transit Authority, Metropolitan Nashville Airport Authority, Emergency Communications District, and Convention Center Authority. These *component units* are legally separate organizations for which the Government is financially accountable. Financial information for these component units is reported separately from the financial information presented for the primary government itself.

The government-wide financial statements can be found on pages B-2 to B-5 of this report.

#### **Fund Financial Statements**

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Government, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Government can be divided into three categories: governmental funds, proprietary funds, and fiduciary funds.

**Governmental funds** – Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, the focus is on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources at the end of the fiscal year. Such information may be useful in evaluating the Government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the Government's near-term financing decisions. Both the Balance Sheet – Governmental Funds and the Statement of Revenues, Expenditures and Changes in Fund Balances – Governmental Funds provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

The Government reports 20 individual governmental funds. Information is presented separately in the Balance Sheet – Governmental Funds and in the Statement of Revenues, Expenditures, and Changes in Fund Balances – Governmental Funds for the General Fund, General Purpose School Fund, GSD General Purposes Debt Service Fund, GSD School Purposes Debt Service Fund, USD General Purposes Debt Service Fund, GSD Capital Projects Fund, Education Capital Projects Fund and USD Capital Projects Fund, all of which are considered to be major funds. Data from the other governmental funds are combined into a single, aggregated presentation.

The Government adopts an annual appropriated budget for each major governmental fund except the Capital Projects Funds. Budgetary comparison statements have been provided in the Basic Financial Statements section for the General Fund and General Purpose School Fund and in the Nonmajor Governmental Funds section for each of the major Debt Service Funds to demonstrate compliance with the budget.

The basic governmental fund financial statements can be found on pages B-6 to B-17 of this report.

**Proprietary funds** – The Government maintains two different types of proprietary funds. *Enterprise funds* are used to report the same functions presented as business-type activities in the government-wide financial statements. The Government uses enterprise funds to account for the Department of Water and Sewerage Services, District Energy System, Board of Fair Commissioners, Farmers Market, Surplus Property Auction, Municipal Auditorium, Police Impound, and Stormwater Operations. *Internal service funds* are an accounting device used to accumulate and allocate costs internally among the Government's various functions. For the fiscal year ended June 30, 2018, the Government used internal service funds to account for its fleet, information systems, insurance, treasury management and school printing functions. Because these services predominantly benefit governmental rather than business-type functions, they have been primarily included within governmental activities in the government-wide financial statements.

Proprietary funds provide the same type of information as the government-wide financial statements, only in more detail. The proprietary fund financial statements provide separate information for the Department of Water and Sewerage Services and the District Energy System, which are considered to be major funds of the Government. Data from the other enterprise funds are combined into a single, aggregated presentation. Also, the internal

service funds are combined into a single, aggregated presentation in the proprietary fund financial statements.

The basic proprietary fund financial statements can be found on pages B-18 to B-23 of this report.

**Fiduciary funds** – Fiduciary funds are used to account for resources held for the benefit of parties outside the Government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the Government's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds.

The basic fiduciary fund financial statements can be found on pages B-24 to B-25 of this report.

#### **Notes to the Financial Statements**

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages B-39 to B-113 of this report.

#### Other Information

In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information surrounding infrastructure condition and maintenance data, found on pages B-114 to B-115, the Government's progress in funding its obligation to provide pension benefits to employees, found on pages B-116 to B-136, and the Government's progress in funding its obligation to provide other postemployment benefits to employees, found on pages B-137 to B-138.

#### **GOVERNMENT-WIDE FINANCIAL ANALYSIS**

As noted earlier, net position may serve as a useful indicator over time of a government's financial position. In the case of the Government, assets and deferred inflows of resources were less than liabilities and deferred outflows of resources by \$1.9 billion at the close of the most recent fiscal year.

#### The Government's Net Position

in thousands of dollars (as of June 30,)

Ducinose tuno Activitios

Total Drimary Covernment

Covernmental Activities

	Governmental Activities				Business-type Activities				Total Primary Government			
	2018		2017 (1)		2018		2017		2018		2017 (1)	
Current and other assets	\$	1,722,670	\$	1,743,451	\$	375,515	\$	363,771	\$	2,098,185	\$	2,107,222
Capital assets		4,004,158		3,778,990		2,157,496		2,071,249		6,161,654		5,850,239
Total assets		5,726,828		5,522,441		2,533,011		2,435,020		8,259,839		7,957,461
Deferred outflows of resources		312,716		288,285		13,186		3,483		325,902		291,768
Long-term liabilities		7,082,732		4,910,348		990,018		777,667		8,072,750		5,688,015
Other liabilities		946,160		490,132		223,061		347,334		1,169,221		837,466
Total liabilities		8,028,892		5,400,480		1,213,079		1,125,001		9,241,971		6,525,481
Deferred inflows of resources		1,202,279		1,123,999		12,761		7,593		1,215,040		1,131,592
Net position:												
Net investment in capital assets		706,897		758,016		1,172,712		1,191,252		1,879,609		1,949,268
Restricted		57,970		56,345		100,070		87,141		158,040		143,486
Unrestricted	(3	3,956,494)		(1,528,114)		47,575		27,516		(3,908,919)		(1,500,598)
Total net position	\$ (3	3,191,627)	\$	(713,753)	\$	1,320,357	\$	1,305,909	\$	(1,871,270)	\$	592,156

<sup>(1) 2017</sup> was not restated to reflect the impact of the implementation of GASB Statement No. 75.

Governmental activities – Current and other assets for governmental activities decreased by 1.2% primarily due to a decrease in cash and cash equivalents related to the Government's planned use of fund balance in fiscal year 2018 that was partially offset by an increase in receivables for property tax and sales tax driven by growth in the tax base and Nashville's overall economic strength. Capital assets increased by 6.0% due to construction of new schools and other government buildings, renovations to the stormwater system and other infrastructure, the acquisition of land for parks and future government buildings, and the renovation of existing government buildings. Deferred outflows of resources increased by 8.5% primarily due to increases in amounts related to pension plans for changes in assumptions and differences between projected and actual earnings, partially offset by the amortization of deferred charges from bond refundings. Long-term liabilities increased by 44.2% primarily due to the inclusion of the total other postemployment benefits (OPEB) liability from the implementation of GASB Statement No. 75; the balance at June 30, 2017 was not restated. The increase was partially offset by principal payments on debt and amortization of deferred premiums. Other liabilities increased by 93.0% primarily due to an increase in commercial paper borrowings to fund capital project expenditures prior to the issuance of general obligation bonds. Deferred inflows of resources increased by 7.0% primarily due to an increase in unavailable revenue from property taxes driven by growth in the tax base as well as an increase in the amounts related to pension plans for differences between projected and actual earnings.

A portion of the Government's net position for governmental activities (22.2%) reflects its investment in capital assets (e.g., land, buildings, machinery, equipment and infrastructure), less any related outstanding debt used to acquire those assets. The Government uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending. Although the Government's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion of the Government's net position for governmental activities (1.8%) represents resources that are subject to external restrictions on how they may be used. The remaining balance of net position for governmental activities represents unrestricted net position of negative \$3.9 billion (-124.0%). Note that the unrestricted net position is negative due to the total OPEB liability of \$3.9 billion and net pension liability of \$267 million at June 30, 2018.

**Business-type activities** – Current and other assets for business-type activities increased by 3.2% primarily due to an increase in cash and cash equivalents in Stormwater Operations resulting from an increase in rates in the prior fiscal year as well as an increase in the cash and cash equivalents from the operations of the Department of Water and Sewerage Services. Capital assets increased by 4.2% due to additions to land, utility plants and construction work in progress for the Department of Water and Sewerage Services. Deferred outflows of resources increased by 278.6% due to increases in amounts related to pension plans for changes in assumptions. Long-term liabilities increased by 27.3% primarily due to the issuance of revenue bonds, partially offset by principal payments and the amortization of deferred premiums. Other liabilities decreased by 35.8% primarily due to a decrease in commercial paper outstanding, which was funded through the issuance of revenue bonds in fiscal 2018. Deferred inflows of resources increased by 68.1% due to an increase in the amounts related to pension plans for differences between projected and actual earnings.

The largest portion of the Government's net position for business-type activities (88.8%) reflects its investment in capital assets (e.g., land, buildings, machinery, equipment and infrastructure), less any related outstanding debt used to acquire those assets. The Government uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending. Although the Government's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion of the Government's net position for business-type activities (7.6%) represents resources that are subject to external restrictions on how they may be used. The majority of the restrictions relate to debt retirement and construction. The remaining balance of net position for business-type activities, representing unrestricted net position of \$48 million (3.6%), may be used to meet the Government's ongoing obligations to citizens and creditors.

At the end of the current fiscal year, the Government is able to report positive balances in all three categories of net position for its total business-type activities.

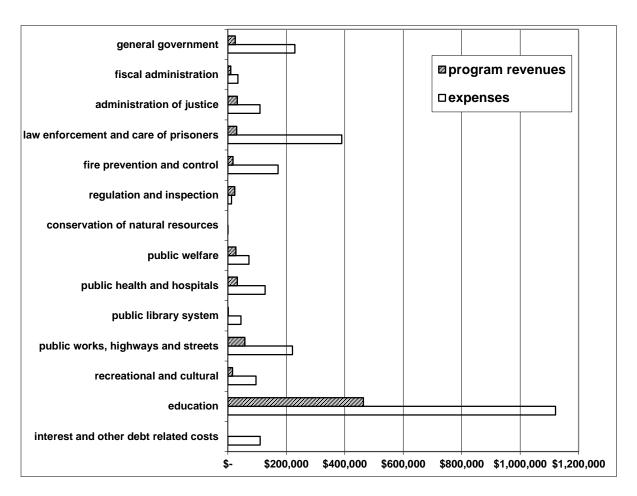
The Government's Changes in Net Position in thousands of dollars (for the year ended June 30,)

	Governmen	tal Activities	Business-ty	pe Activities	Total Primary Government			
	2018	2017 (1)	2018	2017	2018	2017 (1)		
Revenues: Program revenues:				<u> </u>				
Charges for services	\$ 183,879	\$ 180,961	\$ 282,317	\$ 259,317	\$ 466,196	\$ 440,278		
Operating grants and contributions Capital grants and contributions General revenues:	525,054 30,162	483,020 30,891	18,753	27,848	525,054 48,915	483,020 58,739		
Property taxes	995,535	971,643	-	-	995,535	971,643		
Local option sales taxes	414,156	382,934	-	-	414,156	382,934		
Hotel occupancy taxes Beverage taxes	95,137 55,397	85,983 50,137	-	-	95,137 55,397	85,983 50,137		
Wheel taxes	33,131	32,342	-	-	33,131	32,342		
Business taxes	39,812	36,700	-	-	39,812	36,700		
Franchise taxes	18,895	17,395	-	-	18,895	17,395		
Other taxes  Revenues from the use of money or	606	581	-	-	606	581		
property Revenues from other governmental	5,865	3,350	2,819	1,224	8,684	4,574		
agencies	96,374	91,696	-	-	96,374	91,696		
Compensation for loss, sale or damage to property	1,874	6,386	34	48	1,908	6,434		
Total revenues	2,495,877	2,374,019	303,923	288,437	2,799,800	2,662,456		
Expenses:								
General government	229,632 34,478	206,436	-	-	229,632	206,436 33,551		
Fiscal administration Administration of justice	34,478 110,415	33,551 103,652	-	-	34,478 110,415	103,652		
Law enforcement and care of prisoners	389,728	392,032	-	-	389,728	392,032		
Fire prevention and control	172,064	169,409	-	-	172,064	169,409		
Regulation and inspection	12,600	12,103	-	-	12,600	12,103		
Conservation of natural resources Public welfare	495 72,270	544 67,609	-	-	495 72,270	544 67,609		
Public health and hospitals	127,667	127,806	- -	-	127,667	127,806		
Public library system	45,086	46,440	-	-	45,086	46,440		
Public works, highways and streets	221,096	217,791	-	-	221,096	217,791		
Recreational and cultural	96,612	81,081	-	-	96,612	81,081		
Education Interest and other debt related costs	1,121,121 110,836	1,070,022 103,969	-	-	1,121,121 110,836	1,070,022 103,969		
Department of Water and Sewerage	110,030	103,707						
Services	-	-	227,588	231,793	227,588	231,793		
District Energy System Nashville Convention Center	-	-	18,475	18,063 24,774	18,475 -	18,063 24,774		
Board of Fair Commissioners	-	-	3,673	3,737	3,673	3,737		
Farmers Market	-	-	2,115	2,113	2,115	2,113		
Surplus Property Auction	-	-	648	745	648	745		
Municipal Auditorium Police Impound	-	-	2,074 375	2,035 375	2,074 375	2,035 375		
Stormwater Operations		<u> </u>	15,625	12,661	15,625	12,661		
Total expenses	2,744,100	2,632,445	270,573	296,296	3,014,673	2,928,741		
Change in net position before transfers	(248,223)	(258,426)	33,350	(7,859)	(214,873)	(266,285)		
Transfers	18,902	17,153	(18,902)	(17,153)				
Change in net position	(229,321)	(241,273)	14,448	(25,012)	(214,873)	(266,285)		
Net position, beginning of year, restated	(2,962,306)	(472,480)	1,305,909	1,330,921	(1,656,397)	858,441		
Net position, end of year	\$ (3,191,627)	\$ (713,753)	\$ 1,320,357	\$ 1,305,909	\$ (1,871,270)	\$ 592,156		

<sup>(1) 2017</sup> was not restated to reflect the impact of the implementation of GASB Statement No. 75.

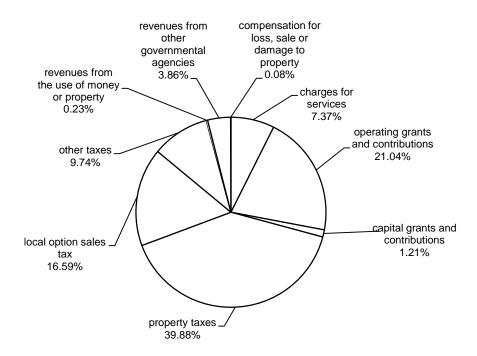
Governmental activities – Governmental activities decreased the Government's net position by \$229 million, compared to a \$241 million decrease in the prior year. Total revenue increased by \$107 million. Significant variances in revenues included 1) an increase of \$24 million in property taxes due to more construction and continued economic recovery, 2) an increase of \$31 million in local option sales tax due to continued economic recovery, 3) an increase of \$27 million in operating grants and contributions primarily due to an increase in grants and State of Tennessee funding for education, and 4) an increase of \$9 million in hotel occupancy taxes due to the opening of new hotels as well as a general increase in tourism. Total expenses increased by \$97 million. Operating expenses were generally higher across most functions due to increased appropriations, primarily in salaries and fringe benefits.

#### Expenses and Program Revenues - Governmental Activities - For the Year Ended June 30, 2018



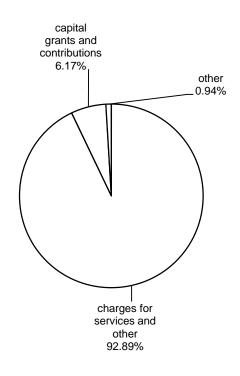
(in thousands)

#### Revenues by Source - Governmental Activities - For the Year Ended June 30, 2018



**Business-type activities** – Business-type activities increased the Government's net position by \$14 million compared to a \$25 million decrease in the prior year. The Department of Water and Sewerage Services increased net position by \$4 million primarily from improved operating results, and Stormwater Operations increased net position by \$11 million primarily from an increase in stormwater rates. The decrease in the prior year included a one-time loss from discontinued operations of \$25 million related to the closing of the old Nashville Convention Center.

#### Revenues by Source - Business-type Activities - For the Year Ended June 30, 2018



#### FINANCIAL ANALYSIS OF THE GOVERNMENT'S FUNDS

As noted earlier, the Government uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

**Governmental funds** – The focus of the Government's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the Government's financing requirements. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

As of the end of the current fiscal year, the Government's governmental funds reported combined ending fund balances of negative \$381 million, a decrease of \$517 million in comparison with the prior year. Restricted fund balance of \$58 million can only be used for specific purposes pursuant to constraints imposed by external parties such as creditors and grantors. Committed fund balance of \$134 million can only be used for specific purposes pursuant to constraints imposed by formal legislative action of the Metropolitan Council. Significant commitments include \$33 million for education, \$10 million for debt service, \$54 million for equipment acquisitions, and \$37 million for other purposes. Assigned fund balance of \$17 million includes \$9 million of fund balance that is being used to balance the subsequent year budget and \$8 million for various projects carried forward into the subsequent year. Unassigned fund balance of negative \$594 million represents the \$59 million residual balance of the General Fund offset by deficit balances in the GSD, Education, and USD Capital Projects Funds where the deficits were funded by the future issuance of general obligation bonds subsequent to year-end. The remaining fund balance of \$4 million represents nonspendable amounts.

The general fund is the chief operating fund of the Government. At the end of the current fiscal year, unassigned fund balance of the general fund was \$59 million, while total fund balance was \$77 million. As a measure of the general fund's liquidity, it may be useful to compare both unassigned fund balance and total fund balance to total general fund expenditures. Unassigned fund balance represents 5.5% of total general fund expenditures and other financing uses, while total fund balance represents 7.2% of total general fund expenditures and other financing uses.

The total fund balance of the General Fund decreased by \$30 million during the current fiscal year as compared to a \$38 million decrease in the previous year. While revenues were below projections as discussed under *Final Budgeted and Actual Amounts*, revenues increased by \$43 million compared to the previous year primarily due to: 1) an increase of \$15 million in property taxes due to more construction and continued economic recovery, 2) an increase of \$16 million in local option sales tax due to continued economic recovery, and 3) an increase of \$6 million in gas and fuel taxes, Tennessee sales tax, and franchise fees resulting from the general economic recovery and population growth. While 2018 property taxes were impacted by a reassessment of property tax values which produced unprecedented increases in assessed values and tax appeals, the property taxes continued to grow despite being less than budgeted amounts. Ongoing operating expenditures increased by \$37 million primarily due to increases and salaries and fringe benefits across most functions. The \$30 million decrease in fund balance compares to a planned use of fund balance of \$71 million. While total revenues were below projections, savings achieved across most all departments resulted in a lower than planned use of fund balance.

The total fund balance of the General Purpose School Fund decreased by \$28 million during the current fiscal year as compared to an \$11 million decrease in the previous year. While revenues were below projections, revenues increased by \$29 million compared to the previous year primarily due to increases of \$7 million in property taxes and \$7 million in local option sales tax as explained above. Additionally, revenue from the State for education funding increased by \$11 million despite being below projections. Operating expenditures and transfers out increased by \$46 million primarily due to increases in salaries and fringe benefits. The \$28 million decrease in fund balance compares to a planned use of fund balance of \$23 million. While the Fund did have expenditure savings, those savings did not offset the revenue shortfall.

The fund balances of the Government's GSD General Purposes, GSD School Purposes and USD General Purposes Debt Service Funds decreased by \$10 million in total during the current fiscal year as compared to a \$2 million decrease in the previous year. While revenues were below projections, revenues increased by \$12 million primarily due to increases in property taxes and local option sales tax as explained above, Expenditures increased by \$30 million due to higher principal and interest costs on outstanding bonds. The \$10 million decrease in fund balance compares to a planned use of fund balance of \$6 million as total revenues were below projections and expenditures for commercial paper interest and other costs exceeded projections.

The fund balances of the Government's capital projects funds decreased by \$461 million due to capital project spending funded through commercial paper borrowings.

**Proprietary funds** – The Government's proprietary funds provide the same type of information found in the government-wide financial statements, but in more detail.

Unrestricted net position of proprietary funds at the end of the year amounted to \$230 million compared to \$202 million at the end of the prior year. Factors concerning the finances of the enterprise funds have already been addressed in the discussion of the Government's business-type activities. Proprietary funds also include internal service funds, the operations of which are primarily included in governmental activities in the government-wide statements. The enterprise funds increased the unrestricted net position of proprietary funds by \$12 million, and the internal service funds increased unrestricted net position by \$6 million. The increase in internal service funds is primarily due to the increase in unrestricted net position of \$17 million in the Employees' Medical Benefit Fund, which is used to accumulate assets for the payment of self-insured medical claims, and \$2 million in the General Government Self Insurance Fund, which is used to accumulate assets for the payment of self-insured real, personal property and liability claims. These increases were partially offset by decreases in other internal service funds, primarily the School Professional Employees' Insurance Fund, which is used to accumulate assets for the payment of self-insurance medical claims for schools, and the Injured on Duty Fund which is used to accumulate assets for the payment of self-insured injured on duty claims.

#### **GENERAL FUND BUDGETARY HIGHLIGHTS**

#### Original and Final Budgeted Amounts

For the General Fund, differences in revenues and other financing sources between the original budget and final amended budget were due to revisions in certain revenue projections. Differences in expenditures and other financing uses between the original budget and the final amended budget were primarily due to supplemental budget appropriations for unanticipated expenditures and unspent amounts carried forward from the prior year as authorized by the budget ordinance. Supplemental budgetary appropriations included additional funding for: 1) the Hospital Authority, a component unit, of \$17 million (net of reductions in various other expenditures of \$2 million), 2) police salaries for secondary employment (offset by additional revenue) of \$3 million, 3) fire overtime of \$1 million, 4) unplanned elections of \$2 million, 5) the management of Knowles Home of \$1 million, and 6) other operations totaling \$1 million. Other variances in the budget line items were primarily due to fringe benefit increases which were originally budgeted under miscellaneous expenditures then later reallocated to departmental budgets after the final budget was approved.

#### Final Budgeted and Actual Amounts

Actual revenues and other financing sources were below final budgeted amounts by \$13 million. While revenues were budgeted conservatively, collections were below budgeted amounts for: 1) property taxes due to appeals of reassessed property values in excess of historical and expected amounts, 2) local option sales tax growth did not meet expectations, and 3) the delay in the sale of certain surplus property to fiscal 2019. The budget shortfall in these areas were partially offset by revenues exceeding budget for various fees, taxes and service charges, all due to the general economic recovery, increased level of construction, and population growth, as well as revenue from a litigation settlement. Actual expenditures and other financing uses were under budget by \$54 million because of targeted savings achieved by essentially all departments.

#### **CAPITAL ASSET AND DEBT ADMINISTRATION**

Capital Assets – The Government's investment in capital assets for its governmental and business type activities as of June 30, 2018 amounts to \$6.2 billion (net of accumulated depreciation). Depreciation charges for the fiscal year totaled \$202 million.

#### The Government's Capital Assets

in thousands of dollars (as of June 30,)

	Govern	nmental	Busine	ess-type	Total Primary				
	Acti	vities	Acti	Activities Government					
	2018	2018 2017 2018 2017				2017			
Utility plant in service	\$ -	\$ -	\$ 3,032,292	\$ 2,884,726	\$ 3,032,292	\$ 2,884,726			
Land	490.608	450.941	24.583	24.583	515,191	475,524			
Buildings and improvements	2,212,895	2,088,069	101,597	94,135	2,314,492	2,182,204			
Improvements other than buildings	-	-	60,863	60,731	60,863	60,731			
Furniture, machinery and equipment	483,698	459,375	122,702	112,696	606,400	572,071			
Property under capital lease	-	-	3,645	3,645	3,645	3,645			
Infrastructure	1,752,845	1,716,007	-	-	1,752,845	1,716,007			
Public art Construction in	4,831	4,454	-	-	4,831	4,454			
progress	408,703	315,643	260,137	255,990	668,840	571,633			
Less: Accumulated depreciation	(1,349,422)	(1,255,499)	(1,448,323)	(1,365,257)	(2,797,745)	(2,620,756)			
Total capital assets	\$ 4,004,158	\$ 3,778,990	\$ 2,157,496	\$ 2,071,249	\$ 6,161,654	\$ 5,850,239			

The total increase in the Government's investment in capital assets for the current fiscal year was 5.3% (a 6.0% increase for governmental activities and a 4.2% increase for business-type activities).

Construction of new schools and other government buildings, the acquisition of park and other property, and the renovation of existing schools and government buildings have continued in accordance with the Government's capital plans. Significant additions include the continued construction of a new headquarters for the Police Department and a family justice center, a correctional facility for the Sheriff, renovations to the stormwater system, land acquisitions for parks and future government buildings, and renovations to existing schools. Additions to utility plants and construction work in progress for the Department of Water and Sewerage Services - net of disposals - totaled approximately \$150 million.

As allowed by GASB Statement No. 34, the Government has adopted the alternative to recording depreciation expense on selected infrastructure assets. Under this method, referred to as the modified approach, the Government expenses certain maintenance and preservation costs and does not report depreciation expense. Assets accounted for under this approach include approximately 5,911 lane miles of streets and roads and 323 bridges and underpasses that the Government is responsible for maintaining. The Government's policy is to have at least 70% of roads in fair or better condition and 75% of bridges in fair or better condition. The most recent condition assessments indicate that 71.6% of roads and 98.0% of bridges are in fair or better condition. The maintenance of infrastructure in accordance with the Government's policy continues to be a priority. The percentage of roads and streets in fair or better condition declined after 2010 because the area was significantly impacted by the May 2010 flood, which was followed by several winters with heavy snowfall, ice and salt usage. Additionally, population growth and construction have added to the deterioration of roads and streets. Increased spending on road and street maintenance resulted in continual improvement in the percentage of roads and streets in fair or better condition. The condition has now returned to a level that exceeds the policy level. The FY18-19 capital budget includes additional funding for road and street maintenance.

Additional information on the Government's capital assets can be found in Note 5 beginning on page B-54 of this report.

**Long-term debt** – At the end of the current fiscal year, the Government had total bonded debt outstanding of \$3.9 billion. Of this amount, \$2.9 billion comprises debt backed by the full faith and credit of the Government. The remaining \$963 million of the Government's debt represents bonds secured solely by specified revenue sources (i.e., revenue bonds).

#### The Government's Outstanding Debt General Obligation and Revenue Bonds in thousands of dollars (as of June 30,)

	Governmental Activities					Busine Activ		Total Primary Government				
		2018 2017		2018 2017				2018	2017			
General obligation bonds Deferred amounts, net	\$	2,499,157 348,316	\$	2,636,004 382,408	\$	50,888 7,730	\$	53,191 8,293	\$	2,550,045 356,046	\$	2,689,195
Total general obligation bonds outstanding		2,847,473		3,018,412		58,618		61,484		2,906,091		3,079,896
Revenue bonds		-		-		892,365		716,115		892,365		716,115
Deferred amounts, net		<u>-</u>		<u> </u>		70,825		33,474		70,825		33,474
Total revenue bonds												
outstanding		-				963,190		749,589		963,190		749,589
Total general obligation and revenue bonds outstanding	\$	2,847,473	\$	3,018,412	\$	1,021,808	\$	811,073	\$	3,869,281	\$	3,829,485
outstanding	Ψ	2,041,413	Ψ	3,010,412	Ψ	1,021,000	Ψ	011,073	Ψ	3,003,201	Ψ	3,023,403

The Government's total general obligation and revenue bonds outstanding, net of deferred amounts, increased by \$40 million (1.0%) during the current fiscal year. New bond issues totaled \$245 million, which were offset by principal payments of \$177 million and refundings of \$31 million. Deferred amounts increased a net amount of \$3.0 million.

Other debt decreased by \$4 million due to principal payments.

Construction commitments at June 30, 2018 totaled \$212 million for the governmental activities of the Government and \$79 million for the Department of Water and Sewerage Services.

The Government maintains an "AA" rating from Standard & Poor's and "Aa2" from Moody's for general obligation debt.

The Government maintains ratings ranging from "A1" to "Aa3" from Moody's and "A+" to "AA" from Standard & Poor's for the various issues of revenue debt of the Department of Water and Sewerage Services.

The ratio of general long-term debt (defined as gross debt less debt service monies available and less debt to be repaid from sources other than property taxes) to the actual value of property is 2.85%, and the amount of net debt per capita is \$4,104.

Additional information on the Government's long-term debt can be found in Note 6 beginning on page B-58 of this report.

**Commercial paper** – In July 2017, the Government instituted a new general obligation commercial paper program to provide interim or short-term financing for various authorized capital projects. In April 2015, the Government instituted a new Water and Sewer revenue bond commercial paper program to provide interim and short-term financing for various authorized capital projects of the Department of Water and Sewerage Services. Commercial paper obligations of \$775 million outstanding at June 30, 2018 are considered short-term liabilities of the appropriate capital projects and proprietary funds. The majority of the commercial paper obligations were redeemed with the proceeds of general obligation bonds issued in October 2018.

#### **ECONOMIC FACTORS AND NEXT YEAR'S BUDGETS**

The most recent (September 2018) unemployment rate for the Nashville combined statistical area is 3.0%. The state's and nation's unemployment rates are 3.6% and 3.7%, respectively. The budget for the 2019 fiscal year reflects a balanced budget inclusive of the use of accumulated fund balance. For more comprehensive information on the Metropolitan Government's approved budget for the 2019 fiscal year, the budget ordinance, the budget book as well as other documents are available at <a href="https://www.nashville.gov">www.nashville.gov</a>.

#### **OTHER MATTERS**

On November 7, 2006, voters approved a ballot initiative prohibiting the Metropolitan Council from raising real property tax rates above the rate at that time, which was \$4.69, without the approval of the voters in a referendum. Prior to the adoption of the ballot initiative, the Metropolitan Council was authorized to set the real property tax rate without any requirement of voter approval. The Government's legal department has issued a memo stating that the approved initiative violates the Tennessee Constitution because it places the power to set property tax rates with voters, rather than with the Metropolitan Council, as prescribed by the Constitution. However, the Government cannot predict whether there will be a court challenge as to the constitutionality of the approved initiative. If there is a challenge, the Government cannot predict the timing or be certain of the outcome of any court challenge as to the constitutionality of the approved initiative.

#### **REQUESTS FOR INFORMATION**

This financial report is designed to provide a general overview of the Government's finances for citizens, taxpayers, customers, investors, creditors and all others with an interest in the Government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be forwarded to the Department of Finance, Division of Accounts, at <a href="mailto:cafr@nashville.gov">cafr@nashville.gov</a>.



## STATEMENT OF NET POSITION

			Pri	mary Government				
	G	overnmental		Business-type				Component
		Activities		Activities		Total		Units
ASSETS:								
Cash and cash equivalents	\$	478,156,827	\$	98,113,059	\$	576,269,886	\$	726,551,839
Investments		-		-		-		12,842,078
Sales tax receivable		74,674,576		-		74,674,576		-
Accounts receivable		144,145,408		25,103,207		169,248,615		246,395,768
Property tax receivable		996,481,771		=		996,481,771		-
Allowance for doubtful accounts		(16,541,292)		(2,508,642)		(19,049,934)		(66,785,608)
Accrued interest receivable		655,580		323,342		978,922		221,643
Internal balances		23,990,056		(23,990,056)		-		-
Due from the primary government		-		-		-		763,927
Due from component units		7,500,100		8,178		7,508,278		-
Inventories of supplies		4,793,804		2,828,919		7,622,723		30,354,696
Other current assets		1,714,066		116,577		1,830,643		14,825,121
Restricted assets:								
Cash and cash equivalents		-		234,404,860		234,404,860		294,392,953
Investments		-		-		-		205,451,440
Accrued interest receivable		-		73,461		73,461		193,404
Due from other governmental agencies		-		-		-		16,885,811
Accounts receivable		_		86,302		86,302		763,712
Due from the primary government		-		-		· -		10,917,017
Other restricted assets		_		10,674		10,674		8,865,396
Notes receivable		_		-		-		60,842,063
Capital assets:								
Utility plant in service		_		3,032,291,725		3,032,291,725		1,457,638,000
Land		490,608,387		24,583,200		515,191,587		374,306,821
Buildings and improvements		2,212,894,634		101,597,179		2,314,491,813		2,048,366,454
Improvements other than buildings		-		60,863,062		60,863,062		578,856,713
Furniture, machinery and equipment		483,697,638		122,701,903		606,399,541		528,013,774
Property under capital lease		-		3,645,000		3,645,000		, , , <u>-</u>
Infrastructure		1,752,845,157		-		1,752,845,157		22,537,906
Public art		4,831,212		_		4,831,212		1,183,844
Construction in progress		408,703,502		260,136,972		668,840,474		318,669,580
Accumulated depreciation		(1,349,422,413)		(1,448,323,013)		(2,797,745,426)		(2,030,335,861)
Other noncurrent assets		7,099,241		40,944,900		48,044,141		47,369,280
Other Hemourton about		7,000,211		10,011,000		10,011,111		11,000,200
Total assets		5,726,828,254		2,533,010,809		8,259,839,063	_	4,910,087,771
DEFERRED OUTFLOWS OF RESOURCES:	:							
Deferred charge on refunding		176,372,223		6,369,402		182,741,625		22,081,908
Effective portion of fuel hedging		-		-		- , ,		714,440
Other post employment benefits (OPEB)		-		-		-		28,643,712
Pensions		136,343,362		6,816,220		143,159,582		29,007,520
		<u> </u>				• •	-	· · · · ·
Total deferred outflows of resources		312,715,585		13,185,622		325,901,207		80,447,580

## STATEMENT OF NET POSITION (CONTINUED)

June 30, 2018

			Pri	mary Government			
		Governmental		Business-type			Component
		Activities		Activities	Total		Units
LIABILITIES:							
Accounts payable	\$	134,923,365	\$	7,785,222	\$ 142,708,587	\$	272,615,180
Accrued payroll		51,196,140		3,103,668	54,299,808		11,863,098
Accrued interest		57,612,007		-	57,612,007		-
Claims payable		33,442,847		-	33,442,847		-
Due to component units		11,346,637		334,307	11,680,944		-
Due to the primary government		-		-	-		7,508,278
Customer deposits		-		3,236,167	3,236,167		18,755,767
Unearned revenue		1,353,034		1,219,400	2,572,434		8,536,485
Commercial paper payable		648,531,019		126,468,981	775,000,000		_
Other current liabilities		7,754,753		3,945,573	11,700,326		19,768,399
Liabilities payable from restricted assets:				, ,			
Accounts payable		-		12,497,310	12,497,310		11,738,376
Accrued interest		-		23,869,853	23,869,853		32,285,204
Current portion of long-term liabilities		-		40,600,115	40,600,115		62,336,000
Noncurrent liabilities:				.0,000,	10,000,110		02,000,000
Due within one year		210,985,873		<u>-</u>	210,985,873		15,614,334
Due in more than one year		6,871,745,999		990,018,352	7,861,764,351		2,328,284,581
Due in more than one year		0,071,740,000		330,010,332	 7,001,704,001		2,020,204,301
Total liabilities		8,028,891,674		1,213,078,948	 9,241,970,622		2,789,305,702
DEFERRED INFLOWS OF RESOURCES:							
Assessed and unlevied property taxes		985,241,893		_	985,241,893		-
Interest rate swap		3,917,040		_	3,917,040		-
Effective portion of fuel hedging		1,196,506		<u>-</u>	1,196,506		_
Other post employment benefits (OPEB)		-,100,000		<u>-</u>	-		11,557,308
Pensions		211,923,204		12,760,676	224,683,880		12,883,655
Tax increment financing		-		-	-		28,000,000
G		_		_	_		• •
Total deferred inflows of resources	_	1,202,278,643		12,760,676	 1,215,039,319	_	52,440,963
NET POSITION:							
Net investment in capital assets		706,897,209		1,172,712,026	1,879,609,235		1,660,079,759
Restricted for debt retirement		-		100,069,502	100,069,502		175,852,055
Restricted for perpetual care:							
Expendable		210,108		=	210,108		-
Nonexpendable		185,112		=	185,112		-
Restricted for:		,			•		
Education		23,076,674		-	23,076,674		_
Law enforcement and care of prisoners		1,897,849		-	1,897,849		_
Public works, highways and streets		3,901,069		-	3,901,069		_
Convention center and tourism promotion		11,016,258		_	11,016,258		_
Public health		3,120,924		_	3,120,924		_
Flood recovery		8,608,155		-	8,608,155		-
Public library		1,294,610		_	1,294,610		_
Other purposes		4,659,724		- -	4,659,724		104,443,864
Unrestricted		(3,956,494,170)		47,575,279	(3,908,918,891)		208,413,008
		· · · · · · · · · · · · · · · · · · ·		,, -	 		, -,
Total net position	\$	(3,191,626,478)	\$	1,320,356,807	\$ (1,871,269,671)	\$	2,148,788,686

## THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY STATEMENT OF ACTIVITIES

For the Year Ended June 30, 2018

				Pro	ogram Revenues		
					Operating		Capital
		Charges for			Grants and		Grants and
	Expenses		Services		Contributions	(	Contributions
<u>Functions/ Programs</u>							
Primary government:							
Governmental activities:							
General government	\$ 229,631,606	\$	18,780,840	\$	4,350,329	\$	2,471,507
Fiscal administration	34,477,659		9,807,116		105,637		-
Administration of justice	110,415,095		26,779,812		5,627,550		-
Law enforcement and care of prisoners	389,727,938		28,207,084		2,006,623		-
Fire prevention and control	172,064,136		10,828,777		6,936,577		-
Regulation and inspection	12,599,496		23,741,712		-		-
Conservation of natural resources	494,470		-		-		-
Public welfare	72,269,651		904,999		26,489,642		-
Public health and hospitals	127,666,967		12,447,150		19,841,295		-
Public library system	45,086,337		223,257		861,044		-
Public works, highways and streets	221,096,201		19,637,166		11,414,202		27,357,627
Recreational and cultural	96,611,981		14,494,677		1,472,345		333,231
Education	1,121,120,608		18,025,911		445,948,395		-
Interest and other debt related costs	110,836,176		-		-		-
Total governmental activities	2,744,098,321		183,878,501		525,053,639		30,162,365
Business-type activities:							
Department of Water and Sewerage Services	227,587,603		224,282,867		-		18,752,603
District Energy System	18,475,380		17,110,983		-		-
Board of Fair Commissioners	3,672,701		3,011,669		-		-
Farmers Market	2,115,022		1,094,968		-		-
Surplus Property Auction	648,517		2,087,939		-		-
Municipal Auditorium	2,073,601		1,897,494		-		-
Police Impound	375,000		501,546		-		-
Stormwater Operations	15,625,255		32,329,729		-		-
Total business-type activities	 270,573,079		282,317,195		-		18,752,603
Total primary government	\$ 3,014,671,400	\$	466,195,696	\$	525,053,639	\$	48,914,968
Component units	\$ 1,851,089,981	\$	1,669,166,893	\$	339,445,408	\$	68,934,751

General revenues:

Property taxes

Local option sales taxes

Hotel occupancy taxes

Beverage taxes

Wheel taxes

Business taxes

Franchise taxes

Other taxes

Revenues from the use of money or property

Revenues from other governmental agencies

not restricted for specific programs/functions

Compensation for loss, sale or damage to property

Transfers

Total general revenues and transfers

Changes in net position

Net position - beginning of year, as restated

Net position - end of year

# THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY STATEMENT OF ACTIVITIES (CONTINUED)

-			y Government		ges in Net Position					
-	Governmental		ness-type			Component				
	Activities	Ac	ctivities		Total	Units				
5	(204,028,930)	\$	-	\$	(204,028,930)	\$				
	(24,564,906)		-		(24,564,906)					
	(78,007,733)		-		(78,007,733)					
	(359,514,231)		-		(359,514,231)					
	(154,298,782)		-		(154,298,782)					
	11,142,216		-		11,142,216					
	(494,470)		-		(494,470)					
	(44,875,010)		-		(44,875,010)					
	(95,378,522)		-		(95,378,522)					
	(44,002,036)		-		(44,002,036)					
	(162,687,206)		-		(162,687,206)					
	(80,311,728)		-		(80,311,728)					
	(657,146,302)		-		(657,146,302)					
	(110,836,176)		-		(110,836,176)					
	(2,005,003,816)		_		(2,005,003,816)	-				
	(=,===,===,=)				(= === ===					
	-		15,447,867		15,447,867					
	-		(1,364,397)		(1,364,397)					
	-		(661,032)		(661,032)					
	-		(1,020,054)		(1,020,054)					
	-		1,439,422		1,439,422					
	-		(176,107)		(176,107)					
	-		126,546		126,546					
	-		16,704,474		16,704,474					
	-		30,496,719		30,496,719					
	(2,005,003,816)		30,496,719		(1,974,507,097)					
	-				-	:	226,457,07			
	995,534,824		-		995,534,824					
	414,155,992		-		414,155,992					
	95,136,963		-		95,136,963					
	55,397,065		-		55,397,065					
	33,130,902		-		33,130,902					
	39,812,160		-		39,812,160					
	18,894,723		-		18,894,723					
	606,153		-		606,153					
	5,865,325		2,818,687		8,684,012		12,814,42			
	96,373,970		-		96,373,970		4.050.5			
	1,873,646		34,061		1,907,707		1,859,91			
	18,901,909		(18,901,909)		- 1750 (01.171		44/7/2			
	1,775,683,632		(16,049,161)		1,759,634,471		14,674,33			
	(229,320,184)	_	14,447,558		(214,872,626)		241,131,41			
	(2,962,306,294)		305,909,249	Φ.	(1,656,397,045)		907,657,27			
	(3,191,626,478)	\$ 1,	320,356,807	\$	(1,871,269,671)	\$ 2,	148,788,68			

## BALANCE SHEET GOVERNMENTAL FUNDS June 30, 2018

		General	P	General urpose School	GSD General urposes Debt Service	GSD School urposes Debt Service
ASSETS:		_		_	 	 
Cash and cash equivalents	\$	70,891,850	\$	3,101,999	\$ 1,172,354	\$ -
Sales tax receivable		24,163,322		40,385,116	475,693	9,650,445
Accounts receivable		59,114,410		13,422,356	3,942,914	143,757
Accrued interest receivable		64,369		-	64,365	-
Property tax receivable		518,795,856		323,526,235	96,727,743	41,017,187
Allowance for doubtful accounts		(12,055,628)		(2,944,093)	(978,177)	(384,536)
Due from other funds of the primary						
government		6,457,540		8,099,659	384,100	-
Due from component units		7,500,000		-	-	-
Inventories of supplies		351,943		1,643,435	-	-
Other assets		578,624		68,670	 20,000	 28,515
Total assets	\$	675,862,286	\$	387,303,377	\$ 101,808,992	\$ 50,455,368
LIABILITIES:						
Accounts payable	\$	19,406,080	\$	11,748,893	\$ 428,269	\$ 256,601
Accrued payroll		27,827,390		17,529,724	-	-
Due to other funds of the primary						
government		13,976,082		2,745,483	16,899	4,923,193
Due to component units		429,635		=	-	-
Commercial paper payable		-		-	-	-
Other liabilities		5,741,870		2,005	-	-
Total liabilities		67,381,057		32,026,105	445,168	5,179,794
DEFERRED INFLOWS OF RESOURCES:						
Unavailable revenue - property taxes		514,309,921		320,396,427	95,700,671	40,611,538
Unavailable revenue - grants		-		-	-	-
Unavailable revenue - other revenues		17,509,981		-	-	-
Total deferred inflows of resources		531,819,902		320,396,427	95,700,671	40,611,538
FUND BALANCES (DEFICITS):						
Nonspendable		842,106		1,680,304	-	28,515
Restricted for:		•				•
Other purposes		=		=	-	-
Committed for:						
Education (available)		-		33,200,541	-	-
Debt service		-		-	5,663,153	4,085,521
Equipment acquisitions (appropriated)		-		-	-	-
Equipment acquisitions (unappropriated)		-		-	-	-
Other purposes		=		-	-	-
Assigned for:						
Subsequent year budgetary appropriations		8,850,000		-	-	550,000
Specific projects		8,089,600		-	=	-
Unassigned		58,879,621		-	-	-
Total fund balances (deficits)	_	76,661,327		34,880,845	5,663,153	4,664,036
Total liabilities, deferred inflows of						
resources, and fund balances						
(deficits)	\$	675,862,286	\$	387,303,377	\$ 101,808,992	\$ 50,455,368

## BALANCE SHEET GOVERNMENTAL FUNDS (CONTINUED) June 30, 2018

	ISD General urposes Debt Service	C	GSD apital Projects		Education Capital Projects		USD Capital Projects		Other Governmental Funds		Total Governmental Funds
\$	468,553	\$	35,204,987	\$	18,716,247	\$	859,114	\$	159,110,055	\$	289,525,159 74,674,576
	55,184		104,643		<u>-</u>		-		- 66,710,657		143,493,921
	291		4,146		129		-		262,441		395,741
	16,414,750		, -		-		-		- ,		996,481,771
	(178,858)		-		-		-		-		(16,541,292)
	28,711		2,476,060		8,598		902,789		10,489,311		28,846,768
	-		-		=		-		1,140,930		7,500,000 3,136,308
	<u> </u>		<u>-</u>		<u>-</u>		<u> </u>		505,384		1,201,193
\$	16,788,631	\$	37,789,836	\$	18,724,974	\$	1,761,903	\$	238,218,778	\$	1,528,714,145
\$	30,068	\$	43,426,858	\$	15,806,795	\$	2,181,238	\$	22,018,673	\$	115,303,475
Ψ	-	Ψ	14,727	Ψ	-	Ψ	2,101,200	Ψ	2,778,825	Ψ	48,150,666
			,. =.						2,: : 0,020		.0, .00,000
	2,423		343,396		1,239,363		14,256		33,597,231		56,858,326
	-		-		-		-		10,917,002		11,346,637
	-		431,392,485		207,562,961		9,575,573		-		648,531,019
	-		15,000						1,995,878		7,754,753
	32,491		475,192,466		224,609,119		11,771,067		71,307,609		887,944,876
	16,231,988		_		_		_		_		987,250,545
	-		-		_		_		16,994,010		16,994,010
	-		-		-		_		-		17,509,981
	16,231,988		-		-		-		16,994,010		1,021,754,536
	_		_		_		_		1,331,426		3,882,351
									, ,		
	-		-		-		-		57,785,371		57,785,371
	=		-		-		-		-		33,200,541
	524,152		-		-		-		-		10,272,826
	-		-		-		-		54,202,931		54,202,931
	-		-		-		-		3,672,425		3,672,425
	-		-		-		-		32,925,006		32,925,006
	-		-		-		-		-		9,400,000
	-		-		-		-		-		8,089,600
	=		(437,402,630)		(205,884,145)		(10,009,164)				(594,416,318)
	524,152		(437,402,630)		(205,884,145)		(10,009,164)		149,917,159		(380,985,267)
\$	16,788,631	\$	37,789,836	\$	18,724,974	\$	1,761,903	\$	238,218,778	\$	1,528,714,145

# RECONCILIATION OF THE BALANCE SHEET TO THE STATEMENT OF NET POSITION GOVERNMENTAL FUNDS

Fund balances - total governmental funds	\$ (380,985,267)
Amounts reported for governmental activities in the Statement of Net Position are different from amounts reported for governmental funds in the Balance Sheet because:	
Capital assets used in governmental activities are not financial	
resources and therefore are not reported in the governmental funds.	
Capital assets	5,154,972,627
Less accumulated depreciation	(1,208,024,186)
Net pension assets are not financial resources and therefore are not	
reported in the governmental funds.	5,902,735
The fuel hedging derivative asset is not a financial resource and therefore is not	
reported in the governmental funds.	1,196,506
Deferred outflows related to pensions are not financial resources and	
therefore not reported in the governmental funds.	136,343,362
Deferred inflows related to the fair value of derivative financial instruments	
are not financial obligations and therefore not reported in the governmental funds.	(3,917,040)
Deferred inflows related to pensions are not financial resources and	
therefore not reported in the governmental funds.	(211,923,204)
therefore not reported in the governmental runds.	(211,923,204)
Deferred inflows related to the fair value of derivative financial instruments	
are not financial resources and therefore not reported in the governmental funds.	(1,196,506)
Long-term liabilities are not due and payable in the current period	
and therefore are not reported in the governmental funds.	
Bonds payable	(2,499,157,217)
Qualified zone academy notes payable	(1,243,697)
Qualified school construction bond loan payable	(31,191,550)
Less deferred charge on refunding	176,372,223
Add net bond premium/discount	(348,289,997)
Accrued interest payable	(57,612,007)
Unamortized swaption proceeds	(1,353,034)
Net pension liability	(198,995,100)
Total other postemployment benefits (OPEB) liability	(3,889,062,264)
Compensated absences	(92,137,212)
Claims and judgments	(6,287,000)
Landfill closure costs	(6,409,317)
Fair value of derivative financial instruments	(4,990,067)
Certain deferred inflows reported in the governmental funds are	
recognized as revenues in the governmental activities.	36,512,643
Internal service funds are used by management to charge the costs of certain activities	
to individual funds. The assets and liabilities of the internal service funds less those	
allocated to business-type activities are included in governmental activities.	 239,848,091
Net position - governmental activities	\$ (3,191,626,478)



## STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES GOVERNMENTAL FUNDS

For the Year Ended June 30, 2018

	Cararel		General		GSD General Purposes Debt		GSD School Purposes Debt
DEVENIUES:	General		Purpose School		Service		Service
REVENUES:	\$ 539,343,469	\$	210 101 224	\$	04 762 204	\$	20 020 600
Property taxes		Ф	310,191,334	Ф	91,762,381	Ф	38,928,698
Local option sales taxes	133,884,975		224,215,780		2,331,521		53,723,716
Other taxes, licenses and permits	155,826,065		16,202,427 450		323,999		-
Fines, forfeits and penalties Revenues from the use of money or	9,311,162		450		323,999		-
•	975,494						440,718
property  Revenues from other governmental	975,494		-		-		440,716
agencies	112,150,191		294,370,930		6,030,459		_
Commissions and fees	17,257,045		294,370,930		0,030,439		-
Charges for current services	41,117,340		2,019,185		_		_
Compensation for loss, sale or	41,117,340		2,019,103				
damage to property	903,657		2,314,983		_		_
Contributions and gifts	562,551		232,225		_		_
Bond interest tax credit	302,331		232,223		4,874,645		_
Miscellaneous	3,023,042		104,113		12		_
Total revenues	1,014,354,991		849,651,427		105,323,017		93,093,132
•		_	· · · · ·				<u> </u>
EXPENDITURES:							
Current:	EO 046 474						
General government	50,846,174		-		-		-
Fiscal administration	23,703,880		-		-		-
Administration of justice	64,444,333		-		-		-
Law enforcement and care of	004 044 077						
prisoners	284,014,877		-		-		-
Fire prevention and control	131,839,625		-		-		-
Regulation and inspection	10,156,818		-		-		-
Conservation of natural resources	407,900		-		-		-
Public welfare	6,709,667		-		-		-
Public health and hospitals	69,697,474		-		-		-
Public library system	30,793,711		-		-		-
Public works, highways and streets	34,359,154		-		-		-
Recreational and cultural	42,296,855		-		-		-
Education	- 07 570 007		760,737,666		-		-
Retiree benefits	87,579,887		-		-		-
Miscellaneous	116,376,212		-		-		-
Debt service:					74.540.700		E4 C40 40E
Principal retirement	-		-		74,519,733		54,649,435
Interest	-		-		76,028,557		39,985,797
Fiscal charges	-		-		4,117,806		2,151,653
Capital outlay	-	-	<u>-</u>				
Total expenditures	953,226,567	_	760,737,666		154,666,096		96,786,885
Excess (deficiency) of							
revenues over							
expenditures	61,128,424	_	88,913,761		(49,343,079)		(3,693,753)

# STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES GOVERNMENTAL FUNDS (CONTINUED)

	ISD General urposes Debt Service		SD Projects	С	ucation apital ojects		USD Capital Projects	G	Other lovernmental Funds		Total Governmental Funds
\$	15,496,414	\$	_	\$	_	\$	-	\$	2,861,900	\$	998,584,196
*	-	Ψ	_	*	_	•	_	Ψ	_,00.,000	Ψ	414,155,992
	-		_		-		-		99,426,788		271,455,280
	-		-		-		-		4,021,246		13,656,857
	-		29,881		910		-		1,940,081		3,387,084
	-		716,627		-		-		228,973,735		642,241,942
	-		-		-		-		9,519,060		26,776,105
	-		268,567		-		-		27,124,587		70,529,679
	-		-		-		-		1,019,856		4,238,496
	-	2	2,822,738		-		-		5,959,109		9,576,623
	-		-		-		-		<u>-</u>		4,874,645
		-				-		-	104,542		3,231,709
	15,496,414	3	3,837,813		910				380,950,904		2,462,708,608
	-				-		-		93,568,485		144,414,659
	-		-		-		-		1,442,826		25,146,706
	-		-		-		-		10,578,509		75,022,842
	-		-		-		-		23,651,407		307,666,284
	-		-		-		-		11,809		131,851,434
	-		-		-		-		63,729		10,220,547
	-		-		-		-		-		407,900
	-		-		-		-		36,313,702		43,023,369
	-		-		-		-		23,909,026		93,606,500
	-		-		-		-		854,279		31,647,990
	-		-		-		-		37,631,657		71,990,811
	-		-		-		-		2,148,090		44,444,945
	-		-		-		-		272,376,758		1,033,114,424
	-		-		-		-		-		87,579,887
	-		-		-		-		-		116,376,212
	11,628,672		-		-		-		-		140,797,840
	9,092,203		-		-		-		-		125,106,557
	579,418		-		-		-		-		6,848,877
		305	5,937,081	1	40,365,133		9,764,107		28,146,906		484,213,227
	21,300,293	305	5,937,081	1	40,365,133		9,764,107		530,697,183		2,973,481,011
	(5,803,879)	(302	2,099,268)	(1	40,364,223)		(9,764,107)		(149,746,279)		(510,772,403)

# STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES GOVERNMENTAL FUNDS (CONTINUED)

	General	P	General urpose School		GSD General urposes Debt Service		GSD School urposes Debt Service
OTHER FINANCING SOURCES (USES): Transfers in	\$ 26,219,860	\$	2,283,318	\$	45,568,316	\$	1,607,356
Transfers out	 (117,383,483)		(119,543,964)		<u>-</u>	-	<u> </u>
Total other financing sources (uses)	 (91,163,623)		(117,260,646)		45,568,316		1,607,356
Net change in fund balances	(30,035,199)		(28,346,885)		(3,774,763)		(2,086,397)
FUND BALANCES (DEFICITS), beginning of year	 106,696,526		63,227,730	_	9,437,916		6,750,433
FUND BALANCES (DEFICITS), end of year	\$ 76,661,327	\$	34,880,845	\$	5,663,153	\$	4,664,036

# STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES GOVERNMENTAL FUNDS (CONTINUED)

SD General urposes Debt Service	s Debt GSD		Education Capital Projects		 USD Capital Projects	(	Other Governmental Funds	Total Governmental Funds		
\$ 1,841,600	\$	(8,851,170)	\$	<u> </u>	\$ <u> </u>	\$	193,378,600 (31,803,977)	\$	270,899,050 (277,582,594)	
1,841,600		(8,851,170)					161,574,623		(6,683,544)	
(3,962,279)		(310,950,438)		(140,364,223)	(9,764,107)		11,828,344		(517,455,947)	
 4,486,431		(126,452,192)		(65,519,922)	 (245,057)		138,088,815		136,470,680	
\$ 524,152	\$	(437,402,630)	\$	(205,884,145)	\$ (10,009,164)	\$	149,917,159	\$	(380,985,267)	

# RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE STATEMENT OF ACTIVITIES

Net change in fund balances - governmental funds	\$ (517,455,947)
Amounts reported for governmental activities in the Statement of Activities are different from amounts reported for governmental funds in the Statement of Revenues, Expenditures and Changes in Fund Balances, because:	
Governmental funds report capital outlays as expenditures. However, the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense for governmental activities.	
Acquisition of capital assets that meet criteria for capitalization Depreciation expense	312,043,055 (102,725,944)
Donations of capital assets increase net position for governmental activities, but do not appear in the governmental funds because they are not financial resources.	26,623,000
The gain or loss on the sale of capital assets is reported for governmental activities, whereas in in the governmental funds, the proceeds from the sale increase financial resources.  Thus, the change in net position differs from the change in fund balances by the net book value of	
the capital assets sold.	(15,434,472)
Changes in net pension assets increase or decrease net position for governmental activities, but do not appear in the governmental funds because they are not current financial resources.	4,577,720
Changes in deferred outflows related to pensions increase or decrease net position for governmental activities, but do not appear in the governmental funds because they are not current financial resources.	45,481,155
Changes in deferred inflows related to pensions increase or decrease net position for governmental activities, but do not appear in the governmental funds because they are not current financial resources.	(58,468,529)
Bond proceeds provide current financial resources to governmental funds, but the issuance of debt increases long-term liabilities for governmental activities. Repayment of bond principal is an expenditure in the governmental funds but reduces long-term liabilities for governmental activities. Also, governmental funds report the effect of premiums, discounts and similar items when debt is first issued, whereas these amounts are deferred and amortized for governmental activities.	
Principal repayments  Amortization of deferred charge on refunding  Amortization of premium/discount  Change in accrued interest	140,797,840 (19,435,523) 34,082,125 1,101,273

# RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE STATEMENT OF ACTIVITIES (CONTINUED)

For the Year Ended June 30, 2018

Swaption proceeds provide current financial resources to governmental funds, but the issuance of swaptions increases long-term liabilities for governmental activities. Also, these proceeds are amortized for governmental activities.

Amortization of swaptions	\$ 172,727
Some expenses reported for governmental activities do not require the use of current financial	
resources and therefore are not reported as expenditures for governmental funds.	
Net pension liability	36,540,466
Total other postemployment benefits (OPEB) liability	(134,358,429)
Compensated absences	(3,080,644)
Claims and judgments	(859,000)
Landfill closure costs	(179,144)
Some revenues for governmental activities do not provide current financial resources and	
are not reported as revenues for governmental funds.	8,562,918
Internal service funds are used by management to charge the costs of certain activities to	
individual funds. The net revenue (expense) of the internal service funds less those	
allocated to business-type activities are included in governmental activities.	 12,695,169
Change in net position - governmental activities	\$ (229,320,184)

# STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - BUDGET AND ACTUAL GENERAL FUND

For the Year Ended June 30, 2018

Variance with

				Variance with Final Budget -		
	Budgeted	l Amounts	Actual	Positive		
	Original	Final	Amounts	(Negative)		
REVENUES:						
Property taxes	\$ 553,914,000	\$ 553,914,000	\$ 539,343,469	\$ (14,570,531)		
Local option sales tax	136,381,000	136,381,000	133,884,975	(2,496,025)		
Other taxes, licenses and permits	154,588,700	154,588,700	155,826,065	1,237,365		
Fines, forfeits and penalties	8,940,500	8,940,500	9,311,162	370,662		
Revenues from the use of money or property	-	-	975,494	975,494		
Revenues from other governmental agencies	113,429,700	113,871,300	112,150,191	(1,721,109)		
Commissions and fees	15,171,900	15,171,900	17,257,045	2,085,145		
Charges for current services	37,856,800	39,556,800	41,117,340	1,560,540		
Compensation for loss, sale or damage to property	6,325,600	6,325,600	903,657	(5,421,943)		
Contributions and gifts	-	=	562,551	562,551		
Miscellaneous	538,400	538,400	3,023,042	2,484,642		
Total revenues	1,027,146,600	1,029,288,200	1,014,354,991	(14,933,209)		
EXPENDITURES:						
General government	53,284,200	54,042,400	50,846,174	3,196,226		
Fiscal administration	25,546,900	26,368,400	23,703,880	2,664,520		
Administration of justice	65,034,300	66,576,500	64,444,333	2,132,167		
Law enforcement and care of prisoners	278,069,600	287,140,600	284,014,877	3,125,723		
Fire prevention and control	125,768,900	131,849,400	131,839,625	9,775		
Regulation and inspection	11,199,900	11,302,200	10,156,818	1,145,382		
Conservation of natural resources	429,500	437,400	407,900	29,500		
Public welfare	7,574,900	7,010,300	6,709,667	300,633		
Public health and hospitals	57,120,700	74,692,400	69,697,474	4,994,926		
Public library system	30,408,900	31,040,700	30,793,711	246,989		
Public works, highways and streets	36,000,800	36,525,100	34,359,154	2,165,946		
Recreational and cultural	43,697,600	44,178,200	42,296,855	1,881,345		
Retiree benefits	86,050,900	86,050,900	87,579,887	(1,528,987)		
Miscellaneous	145,262,300	127,349,300	116,376,212	10,973,088		
Total expenditures	965,449,400	984,563,800	953,226,567	31,337,233		
Total experiatures	303,443,400	304,300,000	333,220,307	31,337,233		
Excess (deficiency) of revenues over						
expenditures	61,697,200	44,724,400	61,128,424	16,404,024		
OTHER FINANCING SOURCES (USES):						
Transfers in	24,829,500	24,387,900	26,219,860	1,831,960		
Transfers out	(136,336,000)	(140,317,900)	(117,383,483)	22,934,417		
Transfer out	(100,000,000)	(110,011,000)	(111,000,100)	22,001,111		
Total other financing sources (uses)	(111,506,500)	(115,930,000)	(91,163,623)	24,766,377		
Net change in fund balances	(49,809,300)	(71,205,600)	(30,035,199)	41,170,401		
FUND BALANCES, beginning of year	106,696,526	106,696,526	106,696,526			
FUND BALANCES, end of year	\$ 56,887,226	\$ 35,490,926	\$ 76,661,327	\$ 41,170,401		

## STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - BUDGET AND ACTUAL GENERAL PURPOSE SCHOOL FUND

#### For the Year Ended June 30, 2018

Variance with Final Budget -Positive **Budgeted Amounts** Actual Original Final Amounts (Negative) **REVENUES:** 310,191,334 Property taxes 317,963,900 317,963,900 (7,772,566)Local option sales tax 220,693,700 220,693,700 224,215,780 3,522,080 Other taxes, licenses and permits 13,301,000 13,301,000 16,202,427 2,901,427 Fines, forfeits and penalties 1,200 1,200 450 (750)Revenues from other governmental agencies 301,988,700 301,988,700 294,370,930 (7,617,770)Charges for current services 1,230,000 1,230,000 2,019,185 789,185 Compensation for loss, sale or damage to property 1,811,300 1,811,300 2,314,983 503,683 Contributions and gifts 600,000 600,000 232,225 (367,775)Miscellaneous 150,000 150,000 104,113 (45,887)Total revenues 857,739,800 857,739,800 849,651,427 (8,088,373)**EXPENDITURES:** Education 761,099,500 760,737,666 3,861,834 764,599,500 764,599,500 760,737,666 Total expenditures 761,099,500 3,861,834 Excess (deficiency) of revenues over expenditures 96,640,300 93,140,300 88,913,761 (4,226,539)OTHER FINANCING SOURCES (USES): Transfers in 2.500.000 2.500.000 2.283.318 (216,682)Transfers out (118,200,200)(118,200,200) (119,543,964) (1,343,764)Total other financing sources (uses) (115,700,200) (115,700,200)(117,260,646) (1,560,446)Net change in fund balances (19,059,900)(22,559,900)(28,346,885)(5,786,985)FUND BALANCES, beginning of year 63,227,730 63,227,730 63,227,730 FUND BALANCES, end of year 40,667,830 34,880,845 44,167,830 (5,786,985)

## STATEMENT OF NET POSITION PROPRIETARY FUNDS

June 30, 2018

Business-type Activities - Enterprise Funds

		ы	usiness-type Activi	แยง - เ	Litterprise i unus			
	Department of Water and Sewerage Services	District Energy System		Other Enterprise Funds		Total Enterprise Funds		Governmental Activities - Internal Service Funds
ASSETS:								
Current assets:								
Cash and cash equivalents	\$ 61,180,781	\$	7,226,013	\$	29,706,265	\$ 98,113,059	\$	188,631,668
Accounts receivable	18,781,167		2,289,781		4,032,259	25,103,207		628,837
Allowance for doubtful accounts	(1,561,134)		-		(947,508)	(2,508,642)		-
Accrued interest receivable	281,411		-		41,931	323,342		259,839
Due from other funds of the								
primary government	1,177,145		-		3,154,918	4,332,063		1,789,212
Due from component units	8,078		-		100	8,178		100
Inventories of supplies	2,828,919		-		-	2,828,919		1,657,496
Other current assets Restricted assets:	107,100		-		9,477	116,577		512,873
Cash and cash equivalents	50,526,844		1,738,838		-	52,265,682		-
Accounts receivable	86,302		-		-	86,302		-
Accrued interest receivable	73,461		-		-	73,461		-
Due from other funds of the								
primary government	19,316,275		-		-	19,316,275		-
Other current assets	 10,674	_	-	_	-	 10,674	_	-
Total current assets	152,817,023		11,254,632		35,997,442	200,069,097		193,480,025
Noncurrent assets:								
Capital assets:								
Utility plant in service	2,966,362,308		65,929,417		-	3,032,291,725		-
Land	22,509,294		1,311,213		762,693	24,583,200		-
Buildings and improvements	54,412,200		22,249,490		24,935,489	101,597,179		-
Improvements other than buildings	56,559,768		273,754		4,029,540	60,863,062		-
Furniture, machinery and equipment	119,804,316		886,904		2,010,683	122,701,903		198,607,903
Property under capital lease	-		-		3,645,000	3,645,000		-
Construction in progress	257,420,173		833,369		1,883,430	260,136,972		-
Less accumulated depreciation	(1,393,105,407)		(30,518,110)		(24,699,496)	(1,448,323,013)		(141,398,227)
Capital assets - net	2,083,962,652		60,966,037		12,567,339	2,157,496,028		57,209,676
Restricted assets:								
Cash and cash equivalents	182,139,178		-		-	182,139,178		-
Other noncurrent assets	 40,944,900			_		 40,944,900	_	
Total noncurrent assets	 2,307,046,730		60,966,037		12,567,339	 2,380,580,106		57,209,676
Total assets	2,459,863,753		72,220,669		48,564,781	2,580,649,203		250,689,701
DEFERRED OUTFLOWS OF RESOURCES:								
Deferred charge on refunding	3,875,115		2,494,287		-	6,369,402		-
Pensions	5,758,511		23,611		1,034,098	6,816,220	_	-
Total deferred outflows of resources	9,633,626		2,517,898		1,034,098	13,185,622		
	 ,,		, ,	_	, ,	 -11	_	

# STATEMENT OF NET POSITION PROPRIETARY FUNDS (CONTINUED)

June 30, 2018

	Department of Water and Sewerage Services		Other Enterprise Funds	Total Enterprise Funds	Governmental Activities - Internal Service Funds		
LIABILITIES:							
Current liabilities: Accounts payable	\$ 4,862,959	\$ 1,859,429	\$ 1,062,834	\$ 7,785,222	\$ 11,306,960		
Accounts payable Accrued payroll	\$ 4,002,939 2,138,296	\$ 1,009,429	\$ 1,002,634 965,372	3,103,668	3,045,474		
Claims payable	2,130,270		703,372	3,103,000	33,442,847		
Due to other funds of the primary					33,442,047		
government	3,433,364	105,290	104,812	3,643,466	2,072,806		
Due to component units	333,333	103,270	974	334,307	2,072,000		
Customer deposits	3,225,977	_	10,190	3,236,167	_		
Unearned revenue	-	-	1,219,400	1,219,400	-		
Other current liabilities	3,945,573	-		3,945,573	-		
Liabilities payable from	271.1272.12			27. 1072.2			
restricted assets:							
Accounts payable	12,497,310	-	-	12,497,310	-		
Accrued interest	23,374,923	494,930	-	23,869,853	-		
Current portion of long term debt	38,225,000	2,375,115	-	40,600,115	-		
Commercial paper payable	125,000,000	1,468,981	-	126,468,981	-		
Total current liabilities	217,036,735	6,303,745	3,363,582	226,704,062	49,868,087		
Noncurrent liabilities:							
Revenue bonds payable	924,965,129	44,069,470	-	969,034,599	-		
General obligation bonds payable	-	12,173,582	-	12,173,582	-		
Claims payable	-	-	-	-	4,968,451		
Net pension liability	7,443,050	30,518	1,336,603	8,810,171	-		
Total noncurrent liabilities	932,408,179	56,273,570	1,336,603	990,018,352	4,968,451		
Total liabilities	1,149,444,914	62,577,315	4,700,185	1,216,722,414	54,836,538		
DEFERRED INFLOWS OF RESOURCES:							
Pensions	10,780,535	44,202	1,935,939	12,760,676	-		
Total deferred inflows of							
resources	10,780,535	44,202	1,935,939	12,760,676			
NET POSITION:							
Net investment in capital assets	1,156,771,512	3,373,175	12,567,339	1,172,712,026	57,209,676		
Restricted for debt retirement	98,825,593	1,243,909	-	100,069,502	-		
Unrestricted	53,674,825	7,499,966	30,395,416	91,570,207	138,643,487		
Total net position	\$ 1,309,271,930	\$ 12,117,050	\$ 42,962,755	1,364,351,735	\$ 195,853,163		

The accompanying notes are an integral part of this financial statement.

service fund activities related to enterprise funds

Net position of business-type activities

(43,994,928)

1,320,356,807

## STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION PROPRIETARY FUNDS

Business-type	Activities - E	_nterprise ⊦	unds
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	Department of Water and	District	Other	Total	(	Governmental Activities -
	Sewerage Services	Energy System	Enterprise Funds	Enterprise Funds	9	Internal Service Funds
OPERATING REVENUES:						
Charges for services	\$ 221,918,145	\$ 17,110,983	\$ 40,736,175	\$ 279,765,303	\$	418,392,913
Other	 1,922,844	 -	 -	 1,922,844		12,801,368
Total operating revenues	223,840,989	17,110,983	40,736,175	281,688,147		431,194,281
OPERATING EXPENSES:						
Personal services	49,485,401	216,586	10,672,276	60,374,263		21,854,415
Contractual services	44,163,797	14,104,485	11,531,894	69,800,176		30,437,635
Supplies and materials	15,407,285	243,862	554,855	16,206,002		11,777,068
Depreciation	79,734,863	2,340,007	991,169	83,066,039		16,132,895
Compensation for damages	-	-	-	-		3,756,404
Medical and insurance benefits	-	-	-	-		363,012,237
Other	4,801,211	30,842	544,888	5,376,941		2,860,059
Total operating expenses	193,592,557	16,935,782	24,295,082	234,823,421		449,830,713
OPERATING INCOME (LOSS)	30,248,432	 175,201	 16,441,093	 46,864,726		(18,636,432)
NONOPERATING REVENUE (EXPENSE):						
Investment income (loss)	2,498,141	78,620	241,926	2,818,687		1,766,844
Interest expense	(32,285,970)	(1,539,315)	-	(33,825,285)		-
Gain (loss) on sale of property	23,478	-	10,583	34,061		(43,718)
Other	441,878	-	187,170	629,048		(103,553)
Total nonoperating revenue	 	 	 	 		
(expense)	(29,322,473)	 (1,460,695)	 439,679	(30,343,489)		1,619,573
INCOME (LOSS) BEFORE CAPITAL						
GRANTS AND CONTRIBUTIONS						
AND TRANSFERS	 925,959	 (1,285,494)	 16,880,772	 16,521,237	-	(17,016,859)
CAPITAL GRANTS AND CONTRIBUTIONS	18,752,603	-	-	18,752,603		-
TRANSFERS IN	-	1,690,300	3,553,886	5,244,186		29,720,655
TRANSFERS OUT	(16,138,329)	 (1,262,800)	 (6,744,966)	 (24,146,095)		(1,933,000)
CHANGE IN NET POSITION	3,540,233	(857,994)	13,689,692	16,371,931		10,770,796
NET POSITION, beginning of year	 1,305,731,697	 12,975,044	 29,273,063			185,082,367
NET POSITION, end of year	\$ 1,309,271,930	\$ 12,117,050	\$ 42,962,755		\$	195,853,163
Adjustment to reflect the consolidation of internal						
service fund activities related to enterprise funds				 (1,924,373)		
Change in net position of business-type activities				\$ 14,447,558		



## STATEMENT OF CASH FLOWS PROPRIETARY FUNDS

Business-type Activities - Enterprise Funds
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		business-type Activities - Enterprise i unus			_		
	Department of Water and Sewerage Services	District Energy System	Other Enterprise Funds	Total Enterprise Funds	Governmental Activities - Internal Service Funds		
Cash flows from operating activities:  Receipts from customers and users  Payments to suppliers  Payments to employees  Other receipts  Other payments  Net cash provided by (used in) operating	\$ 221,475,635 (65,874,826) (48,835,716) 118,082	\$ 17,010,378 (14,625,747) (211,886) -	\$ 39,753,949 (12,519,814) (10,607,546)	\$ 278,239,962 (93,020,387) (59,655,148) 118,082	\$ 430,034,646 (409,499,186) (21,375,461) 407,207 (505,362)		
activities	106,883,175	2,172,745	16,626,589	125,682,509	(938,156)		
Cash flows from noncapital financing activities:  Transfers in  Transfers out	(16,138,329)	1,690,300 (1,262,800)	3,553,886 (6,744,966)	5,244,186 (24,146,095)	29,720,655 (1,933,000)		
Net cash provided by (used in) non-capital financing activities	(16,138,329)	427,500	(3,191,080)	(18,901,909)	27,787,655		
Cash flows from capital and related financing activities: Acquisition of capital assets Proceeds from the sale of property Proceeds from borrowings Principal payments on borrowings Interest subsidy Interest paid Capital contributions received Net cash provided by (used in) capital and	(163,599,869) 23,478 128,706,402 (37,475,000) 4,984,219 (35,828,888) 19,249,798	(514,884) - 1,043,071 (2,303,157) - (1,920,822)	(3,033,883) 10,583 - - - - -	(167,148,636) 34,061 129,749,473 (39,778,157) 4,984,219 (37,749,710) 19,249,798	(20,849,530) 10,557 - - - -		
related financing activities	(83,939,860)	(3,695,792)	(3,023,300)	(90,658,952)	(20,838,973)		
Cash flows from investing activities:  Decrease (increase) in investments  Interest on investments  Net cash provided by (used in) investing activities	2,471,251 2,471,251	(112) 78,732 78,620	210,816	2,760,799 2,760,687	1,625,122		
Net changes in cash and cash equivalents	9,276,237	(1,016,927)	10,623,025	18,882,335	7,635,648		
Cash and cash equivalents at beginning of year	284,570,566	9,981,778	19,083,240	313,635,584	180,996,020		
Cash and cash equivalents at end of year	\$ 293,846,803	\$ 8,964,851	\$ 29,706,265	\$ 332,517,919	\$ 188,631,668		
Cash and cash equivalents are classified as: Current assets Current restricted assets Noncurrent restricted assets	\$ 61,180,781 50,526,844 182,139,178	\$ 7,226,013 1,738,838	\$ 29,706,265	\$ 98,113,059 52,265,682 182,139,178	\$ 188,631,668 - -		
Cash and cash equivalents at end of year	\$ 293,846,803	\$ 8,964,851	\$ 29,706,265	\$ 332,517,919	\$ 188,631,668		

# STATEMENT OF CASH FLOWS PROPRIETARY FUNDS (CONTINUED)

	Business-type Activities - Enterprise Funds									
		Department of Water and Sewerage Services		District Energy System		Other Enterprise Funds		Total Enterprise Funds		Governmental Activities - Internal ervice Funds
Reconciliation of operating income (loss) to net cash										
provided by (used in) operating activities:	•	00.040.400	•	475.004	•	47,444,000	•	4/ 0/4 70/	•	(40.404.400)
Operating income (loss)	\$	30,248,432	\$	175,201	\$	16,441,093	\$	46,864,726	\$	(18,636,432)
Adjustments to reconcile operating income (loss)										
to net cash provided by (used in) operating										
activities:		70 724 042		2 240 007		001 140		02.044.020		14 122 00E
Depreciation		79,734,863		2,340,007		991,169		83,066,039		16,132,895
Provision for doubtful accounts		(500,000)		-		443,357		(56,643)		407.207
Other receipts		441,878		-		187,170		629,048		407,207
Other payments		-		-		-		-		(510,760)
Changes in assets, deferred outflows of resources,										
liabilities and deferred inflows of resources:  Accounts receivable		(E 202)		(100,605)		(044 407)		(0E0 E0E)		(270.415)
Due from other funds of the primary		(5,203)		(100,003)		(844,697)		(950,505)		(270,415)
· · · · ·		1,050,432				(1,083,858)		(22 126)		(883,722)
government Due from component units		(900)		-		(1,003,030)		(33,426) (800)		(100)
Inventories of supplies		188,491		-		100		188,491		123,490
Other current assets				-		21,868				123,490
		(99,618)		(22 (11)				(77,750)		-
Deferred outflows pensions		(5,758,511)		(23,611)		(1,034,098)		(6,816,220)		2 524 004
Accounts payable		(6,492,235)		(192,825)		213,254		(6,471,806)		2,526,984
Accrued payroll		3,513		-		(74,263)		(70,750)		25,224
Claims payable		-		-		-		-		(1,898,275)
Due to other funds of the primary		1 100 400		(E2 722)		(224 201)		720.244		2.045.740
government		1,108,400		(53,733)		(334,301)		720,366		2,045,748
Due to component units		333,333		-		974		334,307		-
Customer deposits		62,693		-		(28,221)		34,472		-
Unearned revenue		1/2 024		-		553,951		553,951		-
Other current liabilities		162,924		- 0.244		- 270 710		162,924		-
Net pension liability		2,050,619		9,344		378,718		2,438,681		-
Deferred inflows pensions		4,354,064		18,967		794,373		5,167,404		17 (00 27)
Total adjustments		76,634,743		1,997,544		185,496		78,817,783		17,698,276
Net cash provided by (used in)										
operating activities	\$	106,883,175	\$	2,172,745	\$	16,626,589	\$	125,682,509	\$	(938,156)
oporating detivities	Ψ	100,000,170	<u> </u>	2,112,170	Ψ	10,020,007	Ψ	120,002,007	<u> </u>	(730,130)
Non-Cash Capital, Financing and Investing Activities:										
Contributions of capital assets	\$	13,441,420	\$	-	\$	-	\$	13,441,420	\$	-

# STATEMENT OF FIDUCIARY NET POSITION FIDUCIARY FUNDS

June 30, 2018

	Pension	
	(and Other	
	Employee Benefit)	Agency
	Trust Funds	Funds
ASSETS:		 
Cash and cash equivalents	\$ 244,414,312	\$ 58,542,416
Investments, at fair value:		
Bank debt notes	21,185,935	-
Commingled funds U.S. debt	27,121,710	-
Conventional mortgages	10,778,358	-
Preferred stock	5,613,384	-
Common stock	314,700,236	-
Corporate bonds and notes	217,972,606	-
Emerging markets	36,897,363	-
Equity commingled funds	66,311,245	-
High yield bonds	33,125,964	-
International bonds	4,849,450	-
Non agency mortgages/collateralized mortgage obligations	85,963,472	-
Other fixed income	220,076,176	-
Other securities	138,946,620	-
Venture capital and partnerships	1,738,603,043	-
Real estate	17,367,026	-
Municipals	838,328	-
Registered investment companies	115,886,650	-
U.S. treasury securities	57,276,332	-
Non U.S. treasury securities developing markets	14,055,946	-
Cash collateral received - securities lending program	85,065,545	-
Mortgages and real estate	, , , <u>-</u>	1,291,100
Mutual funds	<del>-</del>	18,583
Accounts receivable	303,949,487	-
Accrued interest receivable	6,300,707	2,057
Due from other funds of the primary government	6,591,127	1,721,803
Other assets	-	128,617
Total assets	3,773,891,022	\$ 61,704,576
LIABILITIES:		
Accounts payable	784,350	\$ -
Due to brokers	469,242,828	-
Payable for collateral received - securities lending program	85,065,545	-
Due to other funds of the primary government	22,650	-
Funds held in custody for others	-	42,118,959
Other liabilities	-	19,585,617
Total liabilities	555,115,373	\$ 61,704,576
NET POSITION:		
Restricted for pensions	3,216,782,994	
Held in trust for other employee benefits	1,992,655	
Total net position	\$ 3,218,775,649	

# STATEMENT OF CHANGES IN FIDUCIARY NET POSITION FIDUCIARY FUNDS

	Pension
	(and Other
	Employee Benefit)
ADDITIONS:	Trust Funds
Investment income:	
Interest and dividend income	\$ 93,501,334
Net appreciation (depreciation) of investments	196,899,091
Miscellaneous	163,643
Missorialicous	100,040
Net increase (decrease) in fair value of investments	290,564,068
Net income earned on securities lending transactions:	
Securities lending income	214,545
Securities lending expense	(42,888)
Net income earned on securities lending transactions	171,657
Less investment expenses	(42,361,470)
Net investment income (loss)	248,374,255
Contributions:	
Employee contributions	2,093,711
Employer contributions	110,025,792
Transfers in	316,543
Contributions from the State of Tennessee	14,782,460
Miscellaneous	2,592,263
Total contributions	129,810,769
Total additions	378,185,024
DEDUCTIONS:	
Pension and other employee benefits	214,392,035
Refunds of contributions	15,894
Administrative expenses	4,610,411
Transfers out	2,518,745
Total deductions	221,537,085
rotal accustoric	221,007,000
Change in net position	156,647,939
NET POSITION, beginning of year	3,062,127,710
NET POSITION, end of year	\$ 3,218,775,649

# STATEMENT OF NET POSITION COMPONENT UNITS

	Nashville District Management Corporation		Imp	Gulch Business Improvement District, Inc.		Sports Authority	Industrial Development Board	
ASSETS:			_					
Cash and cash equivalents	\$	252,025	\$	220,810	\$	10,520,026	\$	640,043
Investments		-		-		-		=
Accounts receivable		2,000		-		2,864,179		=
Allowance for doubtful accounts		=		=		<del>-</del>		-
Accrued interest receivable		-		-		22,946		869
Due from the primary government		-		-		763,794		=
Inventories of supplies		<u>-</u>		-		-		=
Other current assets		3,226		4,400		-		-
Restricted assets:								
Cash and cash equivalents		-		=		13,839,585		-
Investments		-		-		2,461,643		-
Accounts receivable		-		-		763,712		-
Accrued interest receivable		-		-		-		-
Due from other governmental agencies		-		-		-		-
Due from the primary government		-		-		-		-
Other restricted assets		-		-		-		-
Notes receivable		-		-		29,157,197		-
Capital assets:								
Utility plant in service		-		-		-		-
Land		-		-		75,698,193		-
Buildings and improvements		405 500		-		472,589,410		-
Improvements other than buildings		135,509		-		1,601,646		-
Furniture, machinery and equipment		18,697		46,324		42,826,183		-
Infrastructure		-		-		-		-
Public art		-		-		-		-
Construction in progress		-		-		122,817		-
Less accumulated depreciation		(154,206)		(27,954)		(214,258,034)		-
Other noncurrent assets								
Total assets		257,251		243,580		438,973,297		640,912
		<u> </u>						·
DEFERRED OUTFLOWS OF RESOURCES:								
Deferred charge on refunding		-		-		2,691,089		-
Effective portion of fuel hedging		_		-		- -		_
Other post employment benefits (OPEB)		_		-		-		-
Pensions			_		_		_	
Total deferred outflows of resources		-		-		2,691,089		=

# STATEMENT OF NET POSITON COMPONENT UNITS (CONTINUED)

June 30, 2018

Go	Total overnmental Types	_	Hospital Authority	Metropolitan Development and Housing Agency	 Electric Power Board		
\$	11,632,904	\$	5,082,777	\$ 54,498,588 3,291,197	\$ 389,613,000		
	2,866,179		56,703,499	21,070,821	155,759,000		
	-		(50,908,098)	(15,360,411)	(362,000)		
	23,815		-	-	-		
	763,794		=	=	-		
	-		2,116,226	1,812,110	23,190,000		
	7,626		2,043,352	418,642	8,256,000		
	13,839,585		-	50,230,902	3,246,000		
	2,461,643		-	-	163,246,000		
	763,712		-	-	-		
	-		-	-	-		
	-		-	-	-		
	-		-	-	-		
	-		-	=	-		
	29,157,197		-	31,684,866	=		
	-		-	-	1,457,638,000		
	75,698,193		-	100,514,671	3,901,000		
	472,589,410		53,578,332	404,306,822	69,624,000		
	1,737,155		-	-	-		
	42,891,204		48,687,678	6,272,694	96,401,000		
	-		-	22,537,906	-		
	-		-	-	-		
	122,817		204,418	13,485,774	85,934,000		
	(214,440,194)		(73,820,600)	(200,996,896)	(702,863,000)		
	<u>-</u>		<u>-</u>	 39,448,893	 5,971,000		
	440,115,040		43,687,584	 533,216,579	 1,759,554,000		
	2,691,089		-	-	15,613,000		
	-		-	-	- 27 626 000		
	<u>-</u>		1,376,448	 <u>-</u>	 27,636,000 19,903,000		
	2,691,089		1,376,448	 <u>-</u>	 63,152,000		

# STATEMENT OF NET POSITION COMPONENT UNITS (CONTINUED)

	Metropolitan Transit Authority		 Metropolitan Nashville Airport Authority		Emergency mmunications District
ASSETS:					
Cash and cash equivalents	\$	5,518,908	\$ 134,761,391	\$	1,051,860
Investments		-	-		9,550,881
Accounts receivable		1,250,568	6,578,017		-
Allowance for doubtful accounts		(6,000)	(149,099)		-
Accrued interest receivable		-	-		-
Due from the primary government		-	-		-
Inventories of supplies		2,698,423	537,937		-
Other current assets		742,554	2,682,948		189,068
Restricted assets:					
Cash and cash equivalents		8,688,229	158,349,989		-
Investments		=	900,000		-
Accounts receivable		=	=		-
Accrued interest receivable		-	-		-
Due from other governmental agencies		5,742,564	11,143,247		-
Due from the primary government		-	-		-
Other restricted assets		-	5,161,468		-
Notes receivable		-	-		-
Capital assets:					
Utility plant in service		-	-		_
Land		14,733,025	96,968,771		_
Buildings and improvements		96,496,106	315,970,461		_
Improvements other than buildings		-	577,119,558		_
Furniture, machinery and equipment	1	135,112,235	182,051,284		10,944,204
Infrastructure		- -	- · · · -		-
Public art		-	-		_
Construction in progress		14,591,675	153,579,003		_
Less accumulated depreciation	(1	129,492,314)	(615,032,739)		(9,672,473)
Other noncurrent assets	,	350,000	1,599,387		-
Total assets	1	156,425,973	 1,032,221,623		12,063,540
DEFERRED OUTFLOWS OF RESOURCES:					
Deferred charge on refunding		_	3,777,819		_
Effective portion of fuel hedging		714,440	-		_
Other post employment benefits (OPEB)		- 17,770	1,007,712		_
Pensions		5,590,147	1,843,825		-
. Choolis		0,000,141	 1,040,020	_	
Total deferred outflows of resources		6,304,587	6,629,356		-
		<del></del>	 · · ·		

# STATEMENT OF NET POSITION COMPONENT UNITS (CONTINUED)

June 30, 2018

 Convention Center Authority		Total Proprietary Types	_	Total Component Units		
\$ 124,392,411	\$	714,918,935	\$	726,551,839		
-		12,842,078		12,842,078		
2,167,684		243,529,589		246,395,768		
-		(66,785,608)		(66,785,608)		
197,828		197,828		221,643		
133		133		763,927		
=		30,354,696		30,354,696		
484,931		14,817,495		14,825,121		
60,038,248		280,553,368		294,392,953		
38,843,797		202,989,797		205,451,440		
-		-		763,712		
193,404		193,404		193,404		
<del>-</del>		16,885,811		16,885,811		
10,917,017		10,917,017		10,917,017		
3,703,928		8,865,396		8,865,396		
-		31,684,866		60,842,063		
-		1,457,638,000		1,457,638,000		
82,491,161		298,608,628		374,306,821		
635,801,323		1,575,777,044		2,048,366,454		
=		577,119,558		578,856,713		
5,653,475		485,122,570		528,013,774		
-		22,537,906		22,537,906		
1,183,844		1,183,844		1,183,844		
50,751,893		318,546,763		318,669,580		
(84,017,645)		(1,815,895,667)		(2,030,335,861)		
 <u>-</u>		47,369,280		47,369,280		
932,803,432		4,469,972,731		4,910,087,771		
-		19,390,819		22,081,908		
-		714,440		714,440		
-		28,643,712		28,643,712		
 294,100		29,007,520		29,007,520		
 294,100		77,756,491		80,447,580		

# STATEMENT OF NET POSITION COMPONENT UNITS (CONTINUED)

	Nashville District Management Corporation		Gulch Business Improvement District, Inc.		Sports Authority		Industrial Development Board	
LIABILITIES:								
Accounts payable	\$	193,608	\$	81,253	\$	3,552,462	\$	7,688
Accrued payroll		-		-		10,652		-
Due to the primary government		-		-		200		-
Customer deposits		-		-		-		-
Unearned revenue		60,477		12,321		-		-
Current portion of long-term liabilities		-		-		-		-
Current portion of capitalized lease obligations Other current liabilities		-		-		-		-
Liabilities payable from restricted assets:		-		-		-		-
Accounts payable		_		_		_		_
Accrued interest		_		_		2,978,280		_
Current portion of long-term liabilities		_		_		7,650,000		_
Revenue bonds payable		-		-		124,675,957		-
Capitalized lease obligations		-		-		, , , <u>-</u>		-
Other long-term liabilities						18,478,262		
Total liabilities		254,085		93,574		157,345,813		7,688
DEFERRED INFLOWS OF RESOURCES:								
Tax increment financing		-		-		28,000,000		-
Other post employment benefits (OPEB)		-		-		-		-
Pensions					_			
Total deferred inflows of resources						28,000,000		
NET POSITION:								
Net investment in capital assets		-		18,370		230,484,739		-
Restricted for debt retirement		-		-		13,392,058		-
Restricted for other purposes		-		=		-		-
Unrestricted		3,166		131,636	_	12,441,776		633,224
Total net position	\$	3,166	\$	150,006	\$	256,318,573	\$	633,224

# STATEMENT OF NET POSITION COMPONENT UNITS (CONTINUED)

_	Total Governmental Types	Hospital Authority	Metropolitan Development and Housing Agency	Electric Power Board
\$	3,835,011 10,652	\$ 4,658,364 3,135,124	\$ 5,477,535	\$ 207,071,000
	200	3,133,124	689,795	-
	-	_	1,100,767	17,655,000
	72,798	_	-	-
	-,,.	-	12,288,887	<del>-</del>
	-	2,729,931	-	-
	-	-	10,634,327	-
	-	-	-	3,078,000
	2,978,280	-	-	3,435,000
	7,650,000	-	-	27,216,000
	124,675,957	-	-	615,439,000
	=	18,555,119	=	=
	18,478,262	1,779,101	152,945,372	410,477,000
	157,701,160	30,857,639	183,136,683	1,284,371,000
	28,000,000	-	<u>-</u>	<u>-</u>
	-	-	-	9,327,000
	<u>-</u>	2,576,855	<del>-</del>	7,751,000
	28,000,000	2,576,855		17,078,000
	220 502 400	7.264.779	240 744 000	472 227 000
	230,503,109 13,392,058	7,364,778	219,714,099	472,387,000 71,185,000
	10,002,000	- -	38,747,252	71,103,000
	13,209,802	4,264,760	91,618,545	(22,315,000)
\$	257,104,969	\$ 11,629,538	\$ 350,079,896	\$ 521,257,000

# STATEMENT OF NET POSITION COMPONENT UNITS (CONTINUED)

	Metropolitan Transit Authority	Metropolitan Nashville Airport Authority	Emergency Communications District		
LIABILITIES:					
Accounts payable	\$ 6,398,421	\$ 41,757,112	\$ 108,069		
Accrued payroll	2,163,037	4,414,542	=		
Due to the primary government	-	-	-		
Customer deposits	-	-	-		
Unearned revenue	-	981,217	-		
Current portion of long-term liabilities	-	595,516	=		
Current portion of capitalized lease obligations	-	-	-		
Other current liabilities	9,053,080	80,992	-		
Liabilities payable from restricted assets:					
Accounts payable	-	1,811,850	=		
Accrued interest	-	5,861,447	-		
Current portion of long-term liabilities	-	15,215,000	-		
Revenue bonds payable	-	279,182,211	-		
Capitalized lease obligations	-	-	-		
Other long-term liabilities	87,656,630	28,511,839			
Total liabilities	105,271,168	378,411,726	108,069		
DEFERRED INFLOWS OF RESOURCES:					
Tax increment financing	-	-	-		
Other post employment benefits (OPEB)	-	2,230,308	-		
Pensions	1,306,801	698,414			
Total deferred inflows of resources	1,306,801	2,928,722			
NET POSITION:					
Net investment in capital assets	119,045,132	502,944,702	1,271,731		
Restricted for debt retirement	· · ·	21,881,720	· · ·		
Restricted for other purposes	7,406,806	58,289,806	-		
Unrestricted	(70,299,347)	74,394,303	10,683,740		
Total net position	\$ 56,152,591	\$ 657,510,531	\$ 11,955,471		

# STATEMENT OF NET POSITION COMPONENT UNITS (CONTINUED)

June 30, 2018

	Convention Center Authority	Total Proprietary Types	Total Component Units
\$	3,309,668 1,449,948 7,508,078	\$ 268,780,169 11,852,446 7,508,078 18,755,767	\$ 272,615,180 11,863,098 7,508,278 18,755,767
	7,482,470 - - -	8,463,687 12,884,403 2,729,931 19,768,399	8,536,485 12,884,403 2,729,931 19,768,399
	6,848,526 20,010,477 12,255,000 590,203,957	11,738,376 29,306,924 54,686,000 1,484,825,168 18,555,119 681,750,075	11,738,376 32,285,204 62,336,000 1,609,501,125 18,555,119 700,228,337
_	649,448,257	2,631,604,542	2,789,305,702
	- - 550,585	11,557,308 12,883,655	28,000,000 11,557,308 12,883,655
	550,585	24,440,963	52,440,963
	106,849,208 69,393,277 - 106,856,205	1,429,576,650 162,459,997 104,443,864 195,203,206	1,660,079,759 175,852,055 104,443,864 208,413,008
\$	283,098,690	\$ 1,891,683,717	\$ 2,148,788,686

## STATEMENT OF ACTIVITIES COMPONENT UNITS

For the Year Ended June 30, 2018

			 Program Revenues								
	_	Expenses	Charges for Services		Operating Grants and Contributions		Capital Grants and Contributions				
Nashville District Management Corporation	\$	2,047,660	\$ 1,987,134	\$	59,120	\$	-				
Gulch Business Improvement District, Inc.		381,481	404,191		-		-				
Sports Authority		49,384,034	6,267,146		27,438,777		12,396,666				
Industrial Development Board		4,107,653	750		4,107,006		-				
Hospital Authority		103,204,723	59,384,475		48,141,001		1,311,668				
Metropolitan Development and Housing Agency		122,039,177	34,524,715		97,257,241		9,253,656				
Electric Power Board		1,236,732,000	1,324,224,000		-		-				
Metropolitan Transit Authority		102,705,955	11,682,975		59,513,541		30,962,073				
Metropolitan Nashville Airport Authority		136,353,436	197,565,813		-		15,010,688				
Emergency Communications District		6,456,027	7,012,630		388,857		-				
Convention Center Authority		87,677,835	 26,113,064	102,539,865			-				
Total component units	\$	1,851,089,981	\$ 1,669,166,893	\$	339,445,408	\$	68,934,751				

### General revenues:

Revenues from the use of money or property Compensation for loss, sale or damage to property

Total general revenues

Changes in net position

Net position - beginning of year, as restated

Net position - end of year

# STATEMENT OF ACTIVITIES COMPONENT UNITS (CONTINUED)

For the Year Ended June 30, 2018

Net (Expense) Revenue and Changes in Net Position

Nashville District Management Corporation		Gulch Business Improvement District, Inc.		Business Improvement		Business Improvement		Sports Authority	Industrial Development Board	 Total Governmental Types		Hospital Authority		Metropolitan Development and Housing Agency		Electric Power Board	1	Metropolitan Transit Authority
\$	(1,406) - - - -	\$ - 22,710 - -	\$	- (3,281,445) - -	\$ - - 103	\$ (1,406) 22,710 (3,281,445) 103	\$	- - - 5,632,421	\$	- - - -	\$	- - - -	\$	- - - -				
	- - - -	- - - -		- - - -	- - - -	- - - - -		- - - -		18,996,435 - - - -		87,492,000 - - -		(547,366) - - -				
	(1,406)	22,710		(3,281,445)	103	(3,260,038)		5,632,421		18,996,435		87,492,000		(547,366)				
	1,406 -	1,638		1,503,513 1,857,008	6,319	1,512,876 1,857,008		-		675,155		6,700,000		-				
	1,406	1,638		3,360,521	6,319	3,369,884		-		675,155		6,700,000		-				
	-	24,348		79,076	6,422	109,846		5,632,421		19,671,590		94,192,000		(547,366)				
	3,166	125,658		256,239,497	626,802	 256,995,123	_	5,997,117	_	330,408,306	_	427,065,000		56,699,957				
\$	3,166	\$ 150,006	\$	256,318,573	\$ 633,224	\$ 257,104,969	\$	11,629,538	\$	350,079,896	\$	521,257,000	\$	56,152,591				

## STATEMENT OF ACTIVITIES COMPONENT UNITS (CONTINUED)

	Net (Expense) I	Revenue and Change			
	Metropolitan Nashville Airport Authority	Emergency Communications District	Convention Center Authority	Total Proprietary Types	Total Component Units
Nashville District Management Corporation Gulch Business Improvement District, Inc. Sports Authority Industrial Development Board	\$ - - -	\$ - - -	\$ - - -	\$ - - -	\$ (1,406) 22,710 (3,281,445) 103
Hospital Authority Metropolitan Development and Housing Agency	- -	- -	- -	5,632,421 18,996,435	5,632,421 18,996,435
Electric Power Board Metropolitan Transit Authority Metropolitan Nashville Airport Authority	- - 76,223,065	- - -	- -	87,492,000 (547,366) 76,223,065	87,492,000 (547,366) 76,223,065
Emergency Communications District Convention Center Authority		945,460	40,975,094	945,460 40,975,094	945,460 40,975,094
Total component units	76,223,065	945,460	40,975,094	229,717,109	226,457,071
General revenues:  Revenues from the use of  money or property	2,149,363	131,244	1,645,786	11,301,548	12,814,424
Compensation for loss, sale or damage to property		2,907		2,907	1,859,915
Total general revenues	2,149,363	134,151	1,645,786	11,304,455	14,674,339
Changes in net position	78,372,428	1,079,611	42,620,880	241,021,564	241,131,410
Net position - beginning of year, as restated	579,138,103	10,875,860	240,477,810	1,650,662,153	1,907,657,276
Net position - end of year	\$ 657,510,531	\$ 11,955,471	\$ 283,098,690	\$ 1,891,683,717	\$ 2,148,788,686

### NOTES TO THE FINANCIAL STATEMENTS

### NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Metropolitan Government of Nashville and Davidson County (the Government) operates under a metropolitan form of government and provides the following services as authorized by its charter: public safety (police and fire), highways and streets, sanitation, health and social services, education, culture and recreation, public improvements, planning and zoning and general administrative services.

The accounting policies of the Government conform to accounting principles generally accepted in the United States of America as applied to governmental units. The following is a summary of the most significant policies:

### A. Reporting Entity

The financial statements of the Government present the primary government and its component units. The component units discussed below are included in the Government's reporting entity because of the significance of their operational or financial relationships with the Government. Each discretely presented component unit is reported separately in the basic financial statements to emphasize that it is legally separate from the Government.

The financial statements of the following component units have been discretely presented:

The Nashville District Management Corporation was established in 1998 to administer special assessment revenue collected by the Government for the benefit of the Central Business Improvement District (CBID). The Corporation's duties and responsibilities are defined in a memorandum of agreement with the Government and include, but are not limited to, providing services for improvement and operation of the CBID through security enhancement, downtown marketing, and improving downtown beautification, sanitation and maintenance. The original agreement was one year, renewable annually by mutual notification by each party to the other. The agreement may be terminated by the Government upon thirty days' notice. The Corporation is a legally separate entity which is closely related to and financially dependent on the Government as the Government has the legal obligation to levy the CBID taxes and approves the CBID tax rate. These taxes represent substantially all of the Corporation's revenue. Complete financial statements of the Corporation can be obtained from its offices at Accounting Office, 211 Commerce Street, Suite 100, Nashville, TN 37201.

The **Gulch Business Improvement District, Inc.** (GBID, Inc.) was established in 2006 to administer special assessment revenue collected by the Government for the benefit of the Gulch Business Improvement District (GBID). GBID, Inc.'s duties and responsibilities are defined in the legislation approved by the Metropolitan Council creating the entity and include, but are not limited to, providing services for improvement and operation of the GBID such as promotion and marketing, security, sanitation, and aesthetic enhancements. GBID, Inc. is a legally separate entity which is closely related to and financially dependent on the Government as the Government has the legal obligation to levy the GBID taxes and approves the GBID tax rate. These taxes represent substantially all of GBID, Inc.'s revenue. Complete financial statements of GBID, Inc. can be obtained from its offices at 138 Second Avenue North, Suite 300, Nashville, TN 37201.

The **Sports Authority** was established in 1995 to act as the financing and building authority for both the Nashville arena and stadium. The Sports Authority administers and manages these facilities and other sports projects, including the ballpark, for the Government. The Government is responsible for annual funding for both the Nashville arena and stadium. The underlying credit for the Sports Authority Revenue bonds is a pledge on the non-tax revenues of the Government's General Fund, and the Government is required to approve debt issuances of the Sports Authority. The members of the Sports Authority's Board are all appointed and can also be removed by the Government. The Sports Authority does not issue separate financial statements. A Balance Sheet and Statement of Revenues, Expenditures and Changes in Fund Balances for its only fund are included in the Component Units section with reconciliations of those statements to the Statement of Net Position – Component Units and Statement of Activities – Component Units included in the basic financial statements.

The **Industrial Development Board** (the IDB) assists private businesses within Davidson County in obtaining public financing through the issuance of bonds. The members of the IDB are appointed and can be removed by the Government. All debt of the IDB is considered conduit debt and is issued in the name of the Government. The IDB does not issue separate financial statements. A Balance Sheet and Statement of Revenues, Expenditures and Changes in Fund Balances for its only fund are included in the Component Units section. There are no reconciling items between those statements and the Statement of Net Position – Component Units and Statement of Activities – Component Units included in the basic financial statements.

The **Hospital Authority** operates General Hospital (a full service medical facility) for the residents of Nashville and Davidson County. The Hospital Authority was created in March 1999 to operate General Hospital which was previously accounted for as an enterprise fund of the Government. The members of the Hospital Authority Board are all appointed and can also be removed by the Government. The Government approves and can modify the annual operating budget of General Hospital. Hospital Authority land and buildings and improvements are titled in the Government's name. General Hospital is financially dependent on contributions from the Government's

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

General Fund. Complete financial statements for General Hospital can be obtained by writing to the Hospital Authority at 1818 Albion Street, Nashville, TN 37208.

The **Metropolitan Development and Housing Agency** operates public housing facilities for the inhabitants of Nashville and Davidson County. The members of the Agency's Board of Commissioners are all appointed and can also be removed by the Government. The Agency receives incremental taxes that result from tax increment financing arrangements on numerous development projects. These property taxes paid to the Agency are considered financial support by the Government. Complete financial statements of the Agency can be obtained by writing P. O. Box 846, Nashville, TN 37202.

The **Electric Power Board** operates and regulates an electric power system for the purpose of supplying electricity for public property and for resale to consumers. The members of the Board of Directors are all appointed and can also be removed by the Government. The Government is required to approve debt issuances of the Board. Complete financial statements of the Board can be obtained from its administrative offices at 1214 Church Street, Nashville, TN 37246.

The **Metropolitan Transit Authority** operates and regulates the public mass transit system in Nashville and Davidson County. The members of the Authority's Board of Directors are all appointed and can also be removed by the Government. The Authority is financially dependent on the Government. Complete financial statements of the Authority can be obtained from its administrative offices at 430 Myatt Drive, Nashville, TN 37115.

The **Metropolitan Nashville Airport Authority** operates the Nashville International and John C. Tune Airports. The members of the Airport Authority's Board of Directors are all appointed and can also be removed by the Government. Complete financial statements of the Airport Authority can be obtained from its administrative offices at One Terminal Drive, Nashville, TN 37214.

The **Emergency Communications District** secures funding for efficient emergency services to the public. The members of the District's Board of Directors are all appointed and can also be removed by the Government. The District also provides equipment for the Government's use in emergency services. Complete financial statements of the District can be obtained from its administrative offices at 2060 15<sup>th</sup> Avenue South, Nashville, TN 37212.

The **Convention Center Authority** is a public, nonprofit corporation and public instrumentality of the Government formed in August 2009, and was responsible for the acquisition, development and construction of the new convention center – the Music City Center – and is responsible for the operation of the completed facility. The members of the Convention Center Authority's Board of Directors are all appointed and can be removed by the Government. The Convention Center Authority is fiscally dependent on the Government. Complete financial statements of the Convention Center Authority can be obtained from its administrative offices at 413 5<sup>th</sup> Avenue South, Nashville, TN 37202.

All discretely presented component units have a June 30 fiscal year end with the exception of the Metropolitan Development and Housing Agency with a September 30 year end, and the Nashville District Management Corporation and Gulch Business Improvement District, Inc., both with a December 31 year end.

The separately issued financial statements for the component units contain additional note disclosures that are not considered essential to the fair presentation of the Government's basic financial statements and have therefore been excluded from these notes to the financial statements in the Government's Comprehensive Annual Financial Report for the year ended June 30, 2018.

The primary government includes \$7,508,278 due from component units and \$11,680,944 due to component units in the Statement of Net Position. The component units include \$7,508,278 due to the primary government and \$11,680,944 due from the primary government.

### **B. Accounting Pronouncements**

The Government adopted GASB Statement No. 75, <u>Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions</u>, required for fiscal periods beginning after June 15, 2017, in fiscal 2018. This Statement improves accounting and financial reporting by state and local governments for postemployment benefits other than pensions (other postemployment benefits or OPEB).

The Government adopted GASB Statement No. 81, <u>Irrevocable Split-Interest Agreements</u>, required for fiscal periods beginning after December 15, 2016, in fiscal 2018. This Statement improves accounting and financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

The Government adopted GASB Statement No. 82, <u>Pension Issues</u>, required for fiscal periods beginning after June 15, 2016, except for certain provisions effective for fiscal periods beginning after June 15, 2017, in fiscal 2017 and 2018. This Statement improves financial reporting by enhancing consistency in the application of financial reporting requirements to certain pension issues.

The Government plans to adopt GASB Statement No. 83, <u>Certain Asset Retirement Obligations</u>, required for fiscal periods beginning after June 15, 2018, in fiscal 2019. This Statement enhances comparability of financial statements among governments by establishing uniform criteria for recognizing and measuring certain asset retirement obligations (ARO's) and enhances the usefulness of information by requiring disclosures related to ARO's.

The Government plans to adopt GASB Statement No. 84, <u>Fiduciary Activities</u>, required for fiscal periods beginning after December 15, 2018, in fiscal 2020. This Statement enhances consistency and comparability by establishing specific criteria for identifying activities that should be reported as fiduciary activities and clarifying whether and how business-type activities should report their fiduciary activities.

The Government adopted GASB Statement No. 85, <u>Omnibus 2017</u>, required for fiscal periods beginning after June 15, 2017, in fiscal 2018. This Statement enhances consistency in the application of accounting and financial reporting requirements.

The Government adopted GASB Statement No. 86, <u>Certain Debt Extinguishment Issues</u>, required for fiscal periods beginning after June 15, 2017, in fiscal 2018. This <u>Statement enhances consistency</u> in accounting and financial reporting for debt extinguishments by establishing uniform guidance for derecognizing debt that is defeased in substance, enhances consistency in financial reporting of prepaid insurance related to extinguished debt, and enhances the usefulness of information in notes to financial statements regarded defeased debt.

The Government plans to adopt GASB Statement No. 87, <u>Leases</u>, required for fiscal periods beginning after December 15, 2019, in fiscal 2021. This Statement increases the usefulness of financial statements by requiring reporting of certain lease liabilities that currently are not reported, enhances comparability by requiring lessees and lessors to report leases under a single model, and enhances the usefulness of information by requiring notes to the financial statements regarding leasing arrangements.

The Government plans to adopt GASB Statement No. 88, <u>Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements</u>, required for fiscal periods beginning after June 15, 2018, in fiscal 2019. This Statement improves the information that is disclosed in the notes to government financial statements related to debt, including direct borrowings and direct placements. It also clarifies which liabilities governments should include when disclosing information related to debt.

The Government plans to adopt GASB Statement No. 89, <u>Accounting for Interest Cost Incurred before the End of a Construction Period</u>, required for fiscal periods beginning after December 15, 2019, in fiscal 2021. This Statement enhances the relevance and comparability of information about capital assets and the cost of borrowing for a reporting period and simplifies accounting for interest cost incurred before the end of a construction period.

The Government plans to adopt GASB Statement No. 90, <u>Majority Equity Interests</u>, required for fiscal periods beginning after December 15, 2018, in fiscal 2020. This Statement improves the consistency and comparability of reporting a government's majority equity interest in a legally separate organization and improves the relevance of financial statement information for certain component units.

Unless otherwise noted, management is in the process of determining the effects that the adoption of these Statements will have on the Government's financial statements.

### C. Government-Wide and Fund Financial Statements

The government-wide financial statements (i.e., Statement of Net Position and Statement of Activities) report information on all of the non-fiduciary activities of the Government and its component units. Except for interfund services provided and used, all material interfund activity has been removed from these statements. Governmental activities, which normally are supported by taxes and intergovernmental revenues, are reported separately from business-type activities, which rely to a significant extent on fees and charges for support. Likewise, the primary government is reported separately from certain legally separate component units for which the primary government is financially accountable.

The **Statement of Net Position** presents the Government's non-fiduciary assets, deferred outflows of resources, liabilities, and deferred inflows of resources, with the difference reported as net position. Net position is reported in three categories:

**Net investment in capital assets** consists of capital assets, net of accumulated depreciation and reduced by outstanding debt that is attributable to the acquisition, construction and improvement of those assets.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

Restricted net position consists of restricted assets reduced by liabilities and deferred inflows of resources related to those assets.

**Unrestricted net position** consists of net position which does not meet the definition of the two preceding categories.

The **Statement of Activities** demonstrates the degree to which the direct expenses of a given function are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function. Program revenues include 1) charges to customers who purchase, use, or directly benefit from goods, services, or privileges provided by a given function and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function. Taxes and other items not properly included among program revenues are reported instead as general revenues.

Separate financial statements are provided for governmental funds, proprietary funds and fiduciary funds, even though the latter are excluded from the government-wide financial statements. Major individual governmental funds and major individual enterprise funds are reported as separate columns in the fund financial statements; nonmajor funds are combined in a single column.

### D. Measurement Focus, Basis of Accounting and Financial Statement Presentation

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting, as are the proprietary and pension (and other employee benefit) trust fund financial statements. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenue in the year in which the levy is assessed. Grants and similar items are recognized as revenue as soon as all eligibility requirements have been met.

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 collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the Government considers revenues to be available if they are collected within 60 days of the end of the current fiscal period or up to one year for grant revenues. Property taxes, sales taxes, franchise taxes, licenses, interest and grant revenues associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as receivables in the current fiscal period. Only the portion of special assessments receivable due within the current fiscal period is considered susceptible to accrual as revenue of the current period. All other revenue items are considered to be measurable and available only when cash is received by the Government. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to sick pay, compensated absences and other long-term commitments and contingencies are recorded only when payment is due.

Agency fund financial statements report only assets and liabilities and accordingly have no measurement focus. However, they do use the accrual basis of accounting to recognize receivables and payables.

Amounts reported as **program revenues** include 1) charges to customers for goods, services or privileges provided and fines and forfeitures, 2) operating grants and contributions and 3) capital grants and contributions. Amounts reported as **general revenues** include 1) all taxes, 2) unrestricted revenues from the use of money or property, 3) unrestricted revenues from other governmental agencies and 4) compensation for loss, sale or damage of property.

Expenses reported by function include **direct expenses** that are specifically associated with a service or program and are clearly identifiable to a particular program. Some functions, such as general government and fiscal administration, include expenses that are in essence **indirect expenses** of other functions. The Government has elected not to charge these indirect expenses to other functions.

Proprietary funds distinguish **operating** revenues and expenses from **nonoperating** items. Operating revenues and expenses generally result from providing services and producing and delivering goods and services in connection with the fund's principal ongoing operations and consist primarily of charges to customers or departments, cost of sales and services, administrative expense and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

When both restricted and unrestricted resources are available for use, it is the Government's policy to use restricted resources first, then unrestricted resources as they are needed.

The Government reports the following major governmental funds:

The **General Fund** is the Government's primary operating fund which is used to account for all financial resources of the general operations of the Government, except those required to be accounted for in another fund.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

The **General Purpose School Fund** is used to account for the receipt and disbursement of federal, state and local funds for education purposes, except those required to be accounted for in another fund.

The **GSD General Purposes Debt Service Fund** is used to account for the accumulation of resources and the payment of principal and interest for the General Services District general obligation debt.

The GSD School Purposes Debt Service Fund is used to account for the accumulation of resources and the payment of principal and interest for the debt related to schools.

The **USD General Purposes Debt Service Fund** is used to account for the accumulation of resources and the payment of principal and interest for the Urban Services District general obligation debt.

The **GSD Capital Projects Fund** is used to account for the use of bond proceeds for the construction and equipping of various public projects in the General Services District.

The **Education Capital Projects Fund** is used to account for the use of bond proceeds for the construction and equipping of various school facilities.

The **USD Capital Projects Fund** is used to account for the use of bond proceeds for the construction and equipping of various public projects in the Urban Services District.

The Government reports the following major enterprise funds:

The **Department of Water and Sewerage Services** provides services to customers on a self-supporting basis utilizing a rate structure designed to produce revenues sufficient to fund debt service requirements, operating expenses and adequate working capital.

The **District Energy System** provides heating and cooling services to the Government and downtown businesses. The System is managed by a third party and is primarily self-supporting by utilizing a rate structure designed to fund debt service requirements, pay for operating expenses and generate adequate working capital. The System is partially subsidized from the General Fund.

Additionally, the Government reports the following fund types:

**Internal service funds** are used to account for the operations of self-sustaining agencies rendering services to other agencies of the Government on a cost reimbursement basis. For the year ended June 30, 2018, these services include fleet management, information systems, radio maintenance, insurance, treasury management, and printing.

**Pension (and other employee benefit) trust funds** are used to account for assets and liabilities held by the Government in a fiduciary capacity to provide retirement and disability benefits for employees and retirees.

**Agency funds** are used to account for assets held by elected officials as agents for individuals, collections by the Government due to the purchasers of certain outstanding property tax receivables, funds held by the Sheriff's Department for inmates, and funds held by the Planning Commission for performance bonds for contractors.

### E. Assets, Liabilities, Deferred Outflows/Inflows of Resources and Net Position or Equity

<u>Cash and cash equivalents</u> – Cash and cash equivalents include amounts in demand deposits and highly liquid short-term investments with maturity dates within three months of the date of acquisition and other available pooled funds. The cash and cash equivalents of various funds and component units of the Government are invested in pooled accounts. Funds or component units with negative cash and cash equivalents report the negative amount as due to other funds of the primary government or due to component units, and the funds or component units lending funds report an offsetting due from other funds of the primary government or due from component units. Investment income earned on funds invested in pooled accounts is allocated to the respective funds and component units on the basis of relative balances.

<u>Investments</u> – Investments, except in the pension funds, consist primarily of U.S. Government securities and are stated at fair value. Pension fund investments, which also include common stocks, bonds and U.S. Government and other domestic and foreign securities, are stated at quoted fair value at June 30, 2018. The Government and certain component units also invest in the Tennessee Local Government Investment Pool which is maintained and managed by the State of Tennessee. This Pool is not registered with the Securities and Exchange Commission (SEC) but does operate in a manner consistent with the SEC's Rule 2a7 of the Investment Company Act of 1940. Accordingly, the Government's investments in the Pool have been determined based on the Pool's share price. Investment income consists of realized and unrealized appreciation or depreciation in the fair value of assets. Investment income of the capital projects funds is reported in those funds and is transferred to the debt service funds after arbitrage calculations, as applicable.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

<u>Inventories</u> – Inventories, principally materials, supplies and replacement parts, are valued at cost in governmental fund statements and at the lower of cost or market in the government-wide and proprietary fund statements, with cost determined using the first-in, first-out, moving weighted average or average cost method. Inventory items are recorded as expenditures when used under the consumption method.

<u>Capital assets</u> – Capital assets, which include property, plant, equipment and infrastructure assets, are reported in the applicable governmental or business-type activities columns in the government-wide financial statements. Capital assets are generally defined as assets with an individual cost in excess of \$10,000 and a useful life in excess of one year. Such assets are recorded at historical cost at the time of acquisition. Donated capital assets are recorded at estimated acquisition value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets' lives are not capitalized.

Major outlays for capital assets and improvements are capitalized as projects are constructed. Net interest cost incurred during the construction of facilities is capitalized as part of the cost of such facilities for business-type activities. The Department of Water and Sewerage Services capitalized interest totaling \$2,164,623 for the year ended June 30, 2018.

Depreciation is provided using the straight-line method over the estimated useful lives of the respective assets. The estimated useful lives are as follows:

Utility plant in service	7	-	100	years
Buildings and improvements	3	-	50	years
Improvements other than buildings	20	-	100	years
Furniture, machinery and equipment	3	-	50	years
Stormwater infrastructure			50	years

The Government has elected to use the "modified approach" to account for certain infrastructure assets as provided by GASB Statement No. 34. Under this approach, depreciation expense is not recorded nor are amounts capitalized in connection with improvements to these assets unless they expand capacity. Utilization of this approach requires that the Government 1) have an up-to-date inventory of assets, 2) perform condition assessments and summarize the results using a measurement scale, 3) estimate each year the annual amount to maintain and preserve the assets at the condition level established and disclosed by the Government and 4) document that the assets are being preserved approximately at (or above) the condition level established and disclosed. Roads and bridges are accounted for using the modified approach.

Property under capital leases is stated at the lower of the present value of minimum lease payments or the fair market value at the inception of the lease. Once placed in use, such property is amortized using the straight-line method over the remaining lease term.

The Government maintains certain collections of art which have not been capitalized as they are 1) held for public exhibition, education, or research in furtherance of public service rather than financial gain, 2) protected, kept unencumbered, cared for and preserved and 3) subject to policy that requires the proceeds from any sales of collection items to be used to acquire other items for the collection.

Deferred outflows of resources – In addition to assets, the Statements of Net Position report a separate section for deferred outflows of resources. Deferred outflows of resources represent a consumption of net position that applies to a future period and so will not be recognized as an outflow of resource (expense) until then. The deferred charge on refunding results from the difference in the carrying value of refunded debt and its reacquisition price. The amount is deferred and amortized over the shorter of the life of the refunded or refunding debt. The effective portion of fuel hedging relates to the Government's fuel hedging program. The Government's fuel hedges are considered to be derivatives, the effective portion of which is accounted for as a deferred outflow of resources. The amount for pensions relates to certain differences between projected and actual actuarial results, certain differences between projected and actual investment earnings, contributions between the measurement and reporting dates, as well as changes in assumptions, which are accounted for as deferred outflows of resources. The amount for OPEB relates to certain differences between projected and actual actuarial results and changes in assumptions, which are accounted for as deferred outflows of resources.

<u>Claims payable</u> – Losses for claim liabilities are reported in the self-insurance funds for claims payable from those funds. Claims payable include reported claims and an estimated liability for claims incurred but not reported at June 30, 2018. The claims liabilities are based on the estimated cost of settling the claim, including nonincremental claim adjustments, using past experience and adjusting for current conditions. Losses for uninsured judgments against the Government payable from governmental funds not expected to be liquidated with expendable available resources are reported in the applicable governmental activities in the Statements of Net Position and Activities.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

<u>Compensated absences</u> – General policy of the Metropolitan Civil Service Commission permits the accumulation, within certain limitations, of unused vacation days and sick leave. Vacation days may accumulate to an amount equal to three times the current annual vacation accrual rate. Although sick pay may accumulate, no amounts are vested in the event of employee termination. Unused earned vacation pay that is due and payable, such as after employees' resignations or retirements, is reported in the governmental funds. Accumulated unpaid vacation pay related to governmental fund type operations that has not been used is reported in the applicable governmental activities in the Statements of Net Position and Activities, but is not a governmental fund liability, because it is not expected to be liquidated with expendable available resources. Accumulated unpaid vacation pay related to proprietary fund type operations is reported as a liability in the appropriate individual proprietary funds.

The policy of the Metropolitan Nashville Public Schools allows employees to accumulate sick leave without limitation. In addition, the Board allows vesting of accumulated sick leave depending on length of service beyond 15 years. Vested sick leave for Metropolitan Nashville Public Schools employees is reported in the applicable governmental activity in the Statements of Net Position and Activities, but is not a governmental fund liability, because it is not expected to be liquidated with expendable available resources. Accumulated unpaid vacation pay related to proprietary fund type operations is reported as a liability in the appropriate individual proprietary funds.

<u>Arbitrage rebates</u> – For the governmental funds, arbitrage rebates due to the federal government under the Internal Revenue Code of 1986, as amended, for excess earnings on invested proceeds of tax exempt securities are reported as a liability in the Statements of Net Position and Activities and as a commitment of fund balance in the Balance Sheet - Governmental Funds. For proprietary funds (including component units) any such rebates are reflected as liabilities in the appropriate individual proprietary funds.

<u>Landfills</u> – State and federal laws and regulations require the Government to place a final cover on all its landfill sites when they stop accepting waste, and to perform certain maintenance and monitoring functions at the sites for thirty years after closure. Although closure and postclosure care costs will be paid only near, or after, the date the landfill stops accepting waste, the Government is required to report a portion of these closure and postclosure care costs as an expense in the government-wide financial statements. This expense is based on landfill capacity used at the reporting date. The current year expenditures of the landfills are reported in the Solid Waste Operations Fund, a nonmajor governmental fund, in the Governmental Funds section of this report. The long term liability and expense are reported in the Statements of Net Position and Activities. The total liability for landfill purposes is \$6,409,317.

<u>Bordeaux Sanitary Landfill</u> – This landfill has stopped accepting solid waste, and closure procedures are 100% complete. Estimated postclosure costs of \$3,761,243 are included in the long-term liability.

Metro Thermal Ash Landfill – This landfill has stopped accepting solid waste, and closing procedures are 100% complete. Estimated postclosure costs of \$799,945 are included in the long-term liability.

<u>Due West Landfill</u> – This landfill has stopped accepting waste, and closing procedures are 100% complete. Estimated postclosure costs of \$1,274,750 are included in the long-term liability.

<u>Lebanon Road Landfill</u> - This landfill has stopped accepting waste, and closing procedures are 100% complete. Estimated postclosure costs of \$573,379 are included in the long-term liability.

These estimates are based on an independent evaluation of the cost to perform all closure and care. Actual costs may be higher due to inflation, changes in technology or changes in regulations. Closure and care financial requirements are expected to be met by the operations of the Solid Waste Operations Fund. To the extent the Solid Waste Operations Fund operations create a deficit, the General Fund is required to fund its operations.

<u>Bond premiums and discounts</u> – In the governmental funds, bond premiums and discounts are treated as other financing sources or uses or expenditures in the year of issue. In the government-wide and proprietary fund statements, bond premiums and discounts are deferred and amortized over the term of the related bonds.

<u>Derivative financial instruments</u> – Derivative financial instruments consist of interest rate swap agreements and fuel hedging agreements and are accounted for at fair value in accordance with GASB Statement No. 53, <u>Accounting and Financial Reporting for Derivative Instruments</u>. The Government analyzes its derivative financial instruments into hedging derivative instruments and investment derivative instruments. If a derivative is classified as a hedging derivative instrument, changes in its fair value are deferred on the Statement of Net Position as either deferred inflows or deferred outflows. If a derivative is classified as an investment derivative instrument, changes in its fair value are reported on the Statement of Activities in the period in which they occur.

<u>Deferred inflows of resources</u> – In addition to liabilities, the Balance Sheets and Statements of Net Position report a separate section for 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 resource (revenue) until that time. The *unavailable revenue* reported in the Balance Sheet, which arises under a modified accrual basis of accounting, represents amounts that are deferred and recognized as an inflow of resources in the periods that the amounts become available. The *assessed and unlevied property taxes* reported in the Statement of Net Position, arises from imposed nonexchange revenues (property taxes) which are assessed prior to the end of the fiscal year but levied in the subsequent year. The *interest rate swap*, which relates to an interest rate swap agreement, is considered to be a

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

hedging derivative. Changes in the fair market value of hedging derivatives are reported as deferred inflows or outflows of resources. The amounts for *pensions* relate to certain differences between projected and actual actuarial results and certain differences between projected and actual investment earnings, which are accounted for as deferred inflows of resources. The *effective portion of fuel hedging* relates to the Government's fuel hedging program. The Government's fuel hedges are considered to be derivatives, the effective portion of which is accounted for as a deferred inflow of resources. Deferred inflows for *tax increment financing* represent amounts that will be received in the future by the Sports Authority, a component unit, from a note receivable from Metropolitan Development and Housing Agency (MDHA), a component unit, to be paid from future tax increment revenues related to the developments near a new ballpark facility. The Sports Authority has a note receivable from MDHA, and as the note is paid back to the Sports Authority, the deferred inflows will be recognized as revenue and used to pay principal and interest on the Series 2013 Ballpark Bonds. These developments have yet to be completed. The amounts for *OPEB* relate to certain differences between projected and actual actuarial results, certain differences between projected and actual investment earnings, and changes in assumptions, which are accounted for as deferred inflows of resources.

Fund balances — Restricted fund balances are amounts that can only be used for specific purposes pursuant to constraints imposed by external parties such as creditors or grantors or by law through constitutional provisions or enabling legislation. Committed fund balances are amounts that can only be used for specific purposes pursuant to constraints imposed by formal legislative action of the Metropolitan Council, the Government's highest level of decision-making authority. Committed fund balances are established and can only be modified or rescinded by resolution approved by the Metropolitan Council. Assigned fund balances are amounts intended to be used for specific purposes as designated by management of the Finance Department of the Government. The Metropolitan Council has by ordinance authorized the Finance Director to assign fund balance. The Metropolitan Council may also assign fund balance as it does when appropriating fund balance to cover a gap between estimated revenue and appropriations in the subsequent year's appropriated budget. Unlike commitments, assignments generally exist temporarily; no additional action is required for the removal of an assignment. Unassigned fund balance is the residual classification for the General Fund and for negative fund balances in other governmental funds. When an expenditure is incurred for purposes for which both restricted and unrestricted fund balance are available, the Government considers restricted amounts to have been spent first. When an expenditure is incurred for which committed, assigned, or unassigned fund balance amounts are available, the Government considers committed fund balance to have been spent first, followed by assigned, then unassigned. Per the Tennessee Code Annotated 49-3-352, any accumulated fund balance in the General Purpose School Fund in excess of three percent of the budgeted annual operating expenses for the current fiscal year may be budgeted and expended for any educational purposes.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### F. Revenues, Expenditures and Expenses

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<u>Grants</u> – The Government receives grant revenues from various federal, state and non-profit agencies. The Government reports capital contributions, including capital grants, in the Statement of Revenues, Expenses and Changes in Fund Net Position – Proprietary Funds as a separate line item after non-operating revenues and expenses. In the Statement of Activities, capital grants and contributions are presented as program revenues.

On-behalf payments – On-behalf payments totaling \$14,782,460 received by the State of Tennessee for contributions to pension plans are reported as revenues and expenditures in the Statement of Revenues, Expenditures and Changes in Fund Balances – Governmental Funds.

<u>Revenues</u> – Revenues from the Department of Water and Sewerage Services are recognized from meters read on a monthly cycle basis. At the end of each month, an estimate of service rendered from the latest date of each meter-reading cycle to month end is accrued and included in accounts receivable. Revenues for the Department of Water and Sewerage Services are presented net of allowances for uncollectible accounts at June 30, 2018 of \$374,108.

<u>Property taxes</u> – The Government's property taxes are levied for the current fiscal year each September 1 on the assessed value listed as of the prior January 1 for all real and personal property located in Nashville and Davidson County. Property taxes are secured by a statutory lien effective as of the original assessment date of January 1 and as such an enforceable legal claim to the subsequent fiscal year levy exists at fiscal year end. In accordance with state law, the real property assessment includes supplemental assessments made through September 1 for improved, demolished or damaged property.

Assessed values are established by the State of Tennessee at the following percentages of assessed market value:

- Public utility property	55%	(Railroads and certain telecommunication services at 40%)
<ul> <li>Industrial and commercial property</li> </ul>		,
- Real	40%	
- Personal	30%	
- Farm and residential property	25%	

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Taxes are levied at a rate of \$2.755 per \$100 of assessed value for the entire metropolitan area (General Services District) with an additional tax of \$.400 per \$100 of assessed value levied upon properties within the Urban Services District.

Payments are due by February 28 of the following year and are delinquent on March 1. Property taxes receivable have been included in the Balance Sheet – Governmental Funds with offsetting deferred inflows to reflect amounts not available at June 30, 2018. Amounts available at June 30, 2018 have been recorded as revenue in the governmental fund statements. Current tax collections of \$943,304,767 for the fiscal year ended June 30, 2018 were approximately 98% of the tax levy.

Of the \$996,481,771 property tax receivable, \$985,241,893 represents the 2019 property taxes which have been assessed but not yet levied and recorded as required by GASB Statement No. 33, Accounting and Financial Reporting for Nonexchange Transactions.

### G. Estimates

Estimates used in the preparation of financial statements require management to make assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### **NOTE 2 – RESTATEMENT OF NET POSITION**

The Government adopted GASB Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions (OPEB), for the year ended June 30, 2018. The Statement establishes accounting and financial reporting requirements that, among other things, require the Government to recognize a liability equal to the total OPEB liability. The impact on the financial statements was a decrease to beginning net position as follows:

	Statement of Activities Governmental Activities	 Statement of Activities Component Units
Net position - beginning of year, as previously reported Adjustment to record OPEB liability	\$ (713,752,459) (2,248,553,835)	\$ 2,110,084,204 (202,426,928)
Net position - beginning of year, as restated	\$ (2,962,306,294)	\$ 1,907,657,276

### NOTE 3 – STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY

### A. Compliance with Finance Related Legal and Contractual Provisions

Management believes that the Government has no material violations of finance related legal and contractual provisions as of June 30, 2018.

### **B. Budgets and Budgetary Accounting**

The Government's procedures in establishing the budget as reflected in the basic financial statements are as follows:

- 1. The Director of Finance annually obtains information from all officers, departments, boards, commissions and other agencies of the Government for which appropriations are made and/or revenues are collected, and compiles the annual operating budget for the ensuing fiscal year beginning July 1. The compiled information, including various expenditure options and the means of financing them, is submitted to the Mayor for review.
- 2. The Mayor, with the assistance of the Department of Finance, determines the programs to be recommended to the Metropolitan Council, the expenditures proposed to operate those programs and the revenue changes needed to fund those expenditures. That information is compiled into a balanced operating budget which is submitted to the Metropolitan Council by May 1.
- 3. Copies of the Mayor's proposed budget and budget message are distributed to interested persons, and a summary of the budget is published in the area daily newspaper. The budget is a public record open for public inspection.
- 4. The Metropolitan Council's Budget and Finance Committee holds hearings with the officers, departments, boards, commissions and other agencies to explore the impact of the recommended operating budget and to explore other departmental budget options. In addition, advertised public hearings are held to obtain taxpayers' comments prior to final passage.
- 5. The budget is legally enacted effective July 1 through passage of an ordinance by the Metropolitan Council. In no event shall the total appropriations for any fund included in the budget exceed the estimated revenues and fund balance.
- 6. The amounts in the adopted operating budgets for each organizational unit, purpose or activity constitute the annual appropriation for such items, and no expenditure can be made which will result in the annual appropriation being exceeded unless an additional appropriation is made.
- 7. The Metropolitan Council may make appropriations in addition to those contained in the current operating budgets, but any such additional appropriations may be made only from an existing unappropriated surplus in the fund to which it applies.
- 8. The Mayor may transfer the available balance of any appropriation for any purpose to the appropriation for any other purpose within the same department or by resolution approved by the Metropolitan Council, the available balance of any appropriation may be transferred to another appropriation within the same section of the budget and within the same fund.
- 9. All available balances of appropriations in the current operating budget lapse into the fund balance of the fund or funds from which the appropriations were originally made at the end of the fiscal year.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

Encumbrances do not lapse at the end of the fiscal year. Appropriations for the subsequent year will provide authority to complete these transactions.

The Government is legally required to prepare, and the Metropolitan Council is required to approve, the annual budgets of the General Fund, the General Purpose School Fund, and the GSD General Purposes, GSD School Purposes and USD General Purposes Debt Service Funds. In preparing the budgets, the Government utilizes generally accepted accounting principles (GAAP) for all legally required budgeted funds.

In accordance with Article 6 of the Metropolitan Charter, the Annual Operating Budget of the Government for the fiscal year 2018-2019 was submitted to the Metropolitan Council and subsequently approved by Substitute Bill Number BL 2018-1184. Fund balance resources at June 30, 2018 have been assigned to the 2018-2019 fiscal year operating budget as follows:

General Services District General Fund	\$8,350,000
General Services District School Purposes Debt Service Fund	550,000
Urban Services District General Fund	500,000

<u>Encumbrances</u> – Information regarding encumbrances is available to assist in the management of commitments against appropriations. Encumbrance accounting is utilized for budgetary control purposes. Encumbrances, however, are not treated as expenditures in the basic financial statements. Outstanding encumbrances for the governmental funds at June 30, 2018 were as follows:

	Outstanding			
	Encur	nbrances		
General Fund	\$	1,954,135		
Special Revenue Funds:				
General Purpose School		6,478,496		
Metropolitan Action Commission		80,858		
General Fund 4% Reserve		9,957,036		
Solid Waste Operations		5,414		
Education Services		8,065,273		
Other Governmental Services		1,571,419		
Capital Projects Funds:				
GSD Capital Projects	•	115,668,506		
Education Capital Projects		92,020,606		
USD Capital Projects		4,050,819		

### C. Deficit Balances and Excess Expenditures

The following funds have deficit balances at June 30, 2018:

	F	Unassigned Fund Balance/
		Unrestricted Net Position
Capital Project Funds:		140t i Ooldon
GSD Capital Projects	\$	(437,402,630)
<b>Education Capital Projects</b>		(205,884,145)
USD Capital Projects		(10,009,164)

The deficits in the GSD, Education, and USD Capital Project Funds will be funded by the future issuance of general obligation bonds.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

During the year ended June 30, 2018, the Government exceeded the budgeted level of expenditures at the department or significant line item level as follows:

Budgeted Unit	 Budget		Actual		Variance	
General Fund:						
General Services District:						
Retiree Benefits:						
Employers' Contribution for Group Health Insurance	\$ 52,082,800	\$	\$53,823,189	\$	(1,740,389)	
Employers' Contribution for Group Life Insurance	2,914,600		3,084,035		(169,435)	
Transfers Out:						
Fiduciary Funds	65,000		156,520		(91,520)	
General Purpose School Fund:						
Transfers Out	118,200,200		119,543,964		(1,343,764)	
GSD General Purposes Debt Service Fund:						
Interest	75,441,900		76,028,557		(586,657)	
Fiscal Charges	4,005,500		4,117,806		(112,306)	
GSD School Purposes Debt Service Fund:						
Principal Retirement	53,613,000		54,649,435		(1,036,435)	
Fiscal Charges	1,793,200		2,151,653		(358,453)	
USD General Purposes Debt Service Fund:						
Interest	6,724,800		9,092,203		(2,367,403)	

Employers' Contribution for Group Health Insurance and Employers' Contribution for Group Life Insurance represent the employer portion of health, dental, and life insurance benefits for retirees, while the employer portion of health, dental and life insurance benefits for active employees' are budgeted in departmental budgets. Fringe benefits for both retirees and active employees are under budget for the General Fund as a whole.

Transfers Out to Fiduciary Funds in the General Fund are over budget due to transfers in excess of expected amounts to the Metropolitan Employees' Benefit Trust Fund related to pension fund reimbursements from departmental budgets that are under budget in total.

Transfers Out in the General Purpose School Fund are over budget due to transfers to the Education Services Fund for charter schools being higher than budgeted because enrollment in charter schools exceeded expected levels and transfers to the Other Government Services Fund for nursing services provided by the Government's Health Department in excess of expected amounts. Expenditures and transfers out for the General Purpose School Fund are monitored and are under budget in total.

Expenditures for the Debt Service Funds are not controlled on a line item basis. The GSD General Purposes, GSD School Purposes, and USD General Purposes Debt Service Funds are under budget in total.

### NOTE 4 – DEPOSITS AND INVESTMENTS

### **Primary Government**

The Government is authorized by State statute and policy to invest funds that are not immediately needed in: United States Treasury Bills, Bonds and Notes; The State of Tennessee Local Government Investment Pool (LGIP); the State of Tennessee Intermediate Term Investment Fund (ITIF); the First Tennessee Bank Advisors Direct Holdings; most bonds issued by U.S. Government Agencies and other investments such as repurchase agreements and commercial paper. The Government is authorized to invest in these instruments either directly or through the Metro Investment Pool (MIP). The Metro Investment Pool is invested in the LGIP, the ITIF, and the Direct Holdings. Primary oversight for the LGIP and the ITIF rests with the State of Tennessee Funding Board. The Government's amounts included in the LGIP and ITIF are reported at the fair value of its position in the LGIP or ITIF, which approximates the value of the shares at amortized cost. The Government's amounts in the Direct Holdings are reported at fair value. The Metropolitan Employees' Benefit Trust is authorized to invest funds in accordance with the Statement of Investment Policy of the Investment Committee of the Government, which states that the Investment Committee may make investments it deems suitable for the Trust. Investments of the Teachers Retirement Plan are administered by the Administrative Retirement Committee of the Metropolitan Nashville Public Schools, which adopted the Metropolitan Employees' Benefit Trust Statement of Investment Policy effective July 1, 2011.

### A. Deposits

**Custodial credit risk** is the risk that in the event of a bank failure, the Government's deposits may not be returned to it. As of June 30, 2018, all deposits were insured or collateralized, as required by Government policy.

### **B.** Investments

The majority of the Government's investments are managed as a part of the Metro Investment Pool. However, certain business-type activities and elected officials have limited investments that are managed under Separate Portfolios. Both the Metro Investment Pool and Separate Portfolio investments are administered according to the Investment Policy of the Government. Investments related to the Metropolitan Employees' Benefit Trust and the Teachers' Retirement Plan are administered under the Statement of Investment Policy adopted by their respective Committees.

As of June 30, 2018, the Government had the following investments:

Teachers' Retirement Plan:         Bank Debt Notes       \$ 21,185,935       (b)         Commingled Funds US Debt       27,121,710       (b)         Conventional Mortgages       10,778,358       0.55         Preferred Stock       5,613,384       0.04         Common Stock       314,700,236       (b)         Corporate Bonds and Notes       217,972,606       1.88         Emerging Market       36,897,363       0.46         Equity Commingled Funds       66,311,245       (b)         High Yield Bonds       33,125,964       0.17         International Bonds       4,849,450       (b)         Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b) <th>Investment Type</th> <th></th> <th>Fair Value</th> <th>Total Portfolio Average Weighted Maturity (in Years)</th>	Investment Type		Fair Value	Total Portfolio Average Weighted Maturity (in Years)
Tennessee Local Government Investment Pool \$ 252,193,978 0.12 Tennessee Intermediate Term Investment Fund 62,570,588 2.95 First Tennessee Bank Advisors Direct Holdings 390,974,586 0.69 Total Metro Investment Pool (a) \$ 705,739,152	Metro Investment Pool:			
Tennessee Intermediate Term Investment Fund         62,570,588         2,95           First Tennessee Bank Advisors Direct Holdings         390,974,586         0.69           Total Metro Investment Pool (a)         \$ 705,739,152           Separate Portfolios:           U.S. Treasuries (a)         \$ 19,882,916           Total Separate Portfolios         \$ 19,882,916           Metropolitan Employees' Benefit Trust and           Teachers' Retirement Plan:         * 21,185,935         (b)           Eank Debt Notes         \$ 21,185,935         (b)           Commingled Funds US Debt         27,121,710         (b)           Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Comporate Bonds and Notes         314,700,236         (b)           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Sec		\$	252.193.978	0.12
Separate Portfolios:		Ψ		
Separate Portfolios:   U.S. Treasuries (a)	First Tennessee Bank Advisors Direct Holdings		390,974,586	0.69
U.S. Treasuries (a)         \$ 19,882,916           Total Separate Portfolios         \$ 19,882,916           Metropolitan Employees' Benefit Trust and           Teachers' Retirement Plan:         Bank Debt Notes         \$ 21,185,935         (b)           Commingled Funds US Debt         27,121,710         (b)           Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328	Total Metro Investment Pool (a)	\$	705,739,152	
U.S. Treasuries (a)         \$ 19,882,916           Total Separate Portfolios         \$ 19,882,916           Metropolitan Employees' Benefit Trust and           Teachers' Retirement Plan:         Bank Debt Notes         \$ 21,185,935         (b)           Commingled Funds US Debt         27,121,710         (b)           Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328	Separate Portfolios:			
Metropolitan Employees' Benefit Trust and Teachers' Retirement Plan:         8 21,185,935         (b)           Bank Debt Notes         \$ 21,185,935         (b)           Commingled Funds US Debt         27,121,710         (b)           Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         66,311,245         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         4,849,450         (b)           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities Developing Markets         57,276,332         1,93 <tr< td=""><td>•</td><td>\$</td><td>19,882,916</td><td></td></tr<>	•	\$	19,882,916	
Teachers' Retirement Plan:         Bank Debt Notes       \$ 21,185,935       (b)         Commingled Funds US Debt       27,121,710       (b)         Conventional Mortgages       10,778,358       0.55         Preferred Stock       5,613,384       0.04         Common Stock       314,700,236       (b)         Corporate Bonds and Notes       217,972,606       1.88         Emerging Market       36,897,363       0.46         Equity Commingled Funds       66,311,245       (b)         High Yield Bonds       33,125,964       0.17         International Bonds       4,849,450       (b)         Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b) <td>Total Separate Portfolios</td> <td></td> <td>19,882,916</td> <td></td>	Total Separate Portfolios		19,882,916	
Bank Debt Notes         \$ 21,185,935         (b)           Commingled Funds US Debt         27,121,710         (b)           Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities         57,276,332         1.93           Non U.S.Treasury Securities Developing Markets         14,055,946 <td>Metropolitan Employees' Benefit Trust and</td> <td></td> <td></td> <td></td>	Metropolitan Employees' Benefit Trust and			
Commingled Funds US Debt         27,121,710         (b)           Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities Developing Markets         14,055,946         (b)           Total Metropolitan Employees' Benefit Trust and         14,055,946         (b)	The second of th	¢	24 405 025	(h)
Conventional Mortgages         10,778,358         0.55           Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities         57,276,332         1.93           Non U.S.Treasury Securities Developing Markets         14,055,946         (b)		Φ	, ,	
Preferred Stock         5,613,384         0.04           Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities         57,276,332         1.93           Non U.S.Treasury Securities Developing Markets         14,055,946         (b)				
Common Stock         314,700,236         (b)           Corporate Bonds and Notes         217,972,606         1.88           Emerging Market         36,897,363         0.46           Equity Commingled Funds         66,311,245         (b)           High Yield Bonds         33,125,964         0.17           International Bonds         4,849,450         (b)           Non Agency Mortgages/Collateralized Mortgage Obligations         85,963,472         0.39           Other Fixed Income         220,076,176         (b)           Other Securities         138,946,620         (b)           Venture Capital and Partnerships         1,738,603,043         (b)           Real Estate         17,367,026         (b)           Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities         57,276,332         1.93           Non U.S.Treasury Securities Developing Markets         14,055,946         (b)           Total Metropolitan Employees' Benefit Trust and         (b)				
Emerging Market       36,897,363       0.46         Equity Commingled Funds       66,311,245       (b)         High Yield Bonds       33,125,964       0.17         International Bonds       4,849,450       (b)         Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)	Common Stock			(b)
Equity Commingled Funds       66,311,245       (b)         High Yield Bonds       33,125,964       0.17         International Bonds       4,849,450       (b)         Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)	Corporate Bonds and Notes		217,972,606	1.88
High Yield Bonds       33,125,964       0.17         International Bonds       4,849,450       (b)         Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       0.17       0.17       0.17       0.17       0.27 <td></td> <td></td> <td>36,897,363</td> <td>0.46</td>			36,897,363	0.46
International Bonds       4,849,450       (b)         Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)				
Non Agency Mortgages/Collateralized Mortgage Obligations       85,963,472       0.39         Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)	8			
Other Fixed Income       220,076,176       (b)         Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)				
Other Securities       138,946,620       (b)         Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)				
Venture Capital and Partnerships       1,738,603,043       (b)         Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)				
Real Estate       17,367,026       (b)         Municipals       838,328       0.01         Registered Investment Companies       115,886,650       (b)         U.S. Treasury Securities       57,276,332       1.93         Non U.S.Treasury Securities Developing Markets       14,055,946       (b)         Total Metropolitan Employees' Benefit Trust and       (b)				
Municipals         838,328         0.01           Registered Investment Companies         115,886,650         (b)           U.S. Treasury Securities         57,276,332         1.93           Non U.S.Treasury Securities Developing Markets         14,055,946         (b)           Total Metropolitan Employees' Benefit Trust and         (b)         (c)	·		, , ,	
Registered Investment Companies 115,886,650 (b) U.S. Treasury Securities 57,276,332 1.93 Non U.S.Treasury Securities Developing Markets 14,055,946 (b) Total Metropolitan Employees' Benefit Trust and				
U.S. Treasury Securities 57,276,332 1.93  Non U.S.Treasury Securities Developing Markets 14,055,946 (b)  Total Metropolitan Employees' Benefit Trust and			,	
Total Metropolitan Employees' Benefit Trust and				
· · · · · · · · · · · · · · · · · · ·	Non U.S.Treasury Securities Developing Markets		14,055,946	(b)
· · · · · · · · · · · · · · · · · · ·	Total Metropolitan Employees' Benefit Trust and			. ,
	Teachers' Retirement Plan	\$	3,127,569,844	

<sup>(</sup>a) These amounts are included in cash and cash equivalents in the financial statements.

<sup>(</sup>b) These investment types are not subject to interest rate risk. Therefore, average weighted maturity is not applicable.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

**Interest rate risk** is the risk that changes in interest rates will adversely affect the fair value of an investment. The investment policies place no specific limit on the weighted average maturity of the Government's investment portfolios. However, the average maturity of the portfolios are monitored and managed so that the changing interest rates will cause only minimal deviations in the net asset value. As of June 30, 2018, the investments of the Government had average weighted maturities as noted on the preceding table.

**Credit risk** is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Government's Investment Policy limits the majority of fixed income investments, other than short-term paper, at purchase to investment grade as established by one or more of the nationally recognized bond rating agencies.

Also, the use of futures, options and swaps is permitted as long as the particular investment manager's strategy or mandate allows it. As of June, 30, 2018, the investments of the Government had credit ratings as follows:

Investment Type	Fair Value	Α	AA	AAA	В	BB	BBB	CC - D	Not Rated
Metropolitan Employees' Benefit Trust and Teachers' Retirement Plan									
Conventional Mortgages	\$ 10,778,358	\$ -	\$ 10,778,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Preferred Stock	5,613,384	262,616		-	980	509,271	4,837,846	-	2,671
Corporates	217,972,606	64,346,622	5,249,791	- (70.002	2 (52 2) (	4,964,438	139,302,415	- (7.71/	4,109,340
Emerging Markets	36,897,363	4,936,608	6,215,000	679,982	2,652,266	8,608,058	5,298,815	67,716	8,438,918
High Yield Bonds International Bonds	33,125,964	1,601,252	22 021	705.072	13,782,292	13,091,006	-	2,317,481	2,333,933
Non Agency Mortgages	4,849,450 85,963,472	3,064,300 1,393,572	33,821 2,397,191	785,872 467,861	121,432 5,358,497	1 005 047	3,455,250	39,176,094	844,025 31,829,940
Non U.S. Treasury Securities Developing Markets	14,055,946	1,393,372	14,032,652	18,681	3,330,497	1,885,067	3,455,250 4,613	39,170,094	31,029,940
Municipals	838,328	124,951	242,474	258,924	63,880	7,172	50,911	-	90,016
U.S. Treasury Securities	57,276,332	166,104	57,110,228	-	-	-	-	-	-
Total Metropolitan Employees' Benefit Trust and Teachers' Retirement Plan	\$ 467,371,203	\$ 75,896,025	\$ 96,059,515	\$ 2,211,320	\$ 21,979,347	\$ 29,065,012	\$ 152,949,850	\$ 41,561,291	\$ 47,648,843

**Concentration of credit risk** is the risk of loss attributed to the magnitude of the Government's investment in a single issuer. The Government's Investment Policy limits single issuer exposure to 5% except for the securities of the U.S. Government or its agencies. There is no single issuer that exceeds 5% of total investments at June 30, 2018.

**Custodial credit risk** is the risk that, in the event of a failure of the counterparty to a transaction, the Government will not be able to recover the value of investment or collateral securities that are in the possession of an outside party. The Government does not have a policy with regard to custodial credit risk of investments. As of June 30, 2018, all investments were insured or registered or the securities were held by the Government or its agent in the Government's name.

**Foreign currency risk** is the risk that changes in exchange rates will adversely affect the fair value of an investment. As of June 30, 2018, no Metro Investment Pool or Separate Portfolio investments were held in foreign currency. The Investment Policy for the Metropolitan Employees' Benefit Trust and Teachers' Retirement Plan places no specific limits on investments in international markets; however, investments in international markets are targeted at 16% with a maximum exposure not to exceed 30% of the portfolios. As of June 30, 2018, the Government's exposure to foreign currency risk is as follows:

Base Currency	Fair Value			
Argentina Peso	\$	3,407,299		
Australian Dollar		(2,349,620)		
Brazil Real		(2,964,117)		
Canadian Dollar		2,371,550		
Chilean Peso		(29,586)		
Chinese Yuan Renminbi		2,653,001		
Danish Krone		1,626,893		
Egyptian Pound		1,273,458		
Euro		95,359,381		
Indian Rupee		(254)		

Base Currency	Fair Value			
Israeli Shekel	\$	33,493		
Japanese Yen		15,802,994		
Mexican Peso		1,434,086		
New Taiwan Dollar		(1,962,455)		
New Zealand Dollar		91,420		
Norwegian Krone		2,684,092		
Pound Sterling		20,908,698		
Russian Ruble		11,212,717		
Singapore Dollar		(4,666,499)		
South African Rand		2,491,480		
South Korean Won		(6,380,869)		
Swedish Krona		4,741,213		
Swiss Franc		4,436,662		
Turkish Lira		1,249,603		
Total Metropolitan Employees' Benefit Trust and Teachers'				
Retirement Plan	\$	153,424,640	(1)	

(1) Amounts are net of certain payables related to foreign contracts. Negative numbers indicate where liabilities exceed assets.

### C. Securities Lending Program

The Metropolitan Employees' Benefit Trust (Trust) and Teachers' Retirement Plan (Plan) are authorized by the Metropolitan Charter and the Statement of Investment Policy to lend securities to brokerage firms on a temporary basis through their custodian bank, Bank of New York Mellon (Custodian). During the fiscal year, the Custodian lent the Trust securities and received cash, U.S. Government securities, and irrevocable letters-of-credit as collateral. The Custodian did not have the ability to pledge or sell non-cash collateral delivered absent a borrower default. Borrowers were required to deliver collateral for each loan in amounts equal to not less than 102% of the market value of loaned domestic securities and 105% of the market value of loaned foreign securities.

The Trust imposed no restrictions on the amount of securities lent by the Custodian during the year on their behalf. There were no violations of legal or contractual provisions and there were no borrower or lending agent default losses during the year. The contract with the Custodian requires indemnification only in cases of Custodian negligence.

All securities loans can be terminated on demand by either the lender or the borrower. The average term of the Trust loans for the year ended June 30, 2018 was approximately 60 days. Cash collateral is invested in a short term investment pool. The relationship between the maturities of the investment pool and the Custodian's loans is affected by the maturities of the securities loans made by other entities that use the Custodian's pool, which the Custodian's system cannot determine. Cash collateral may also be invested separately in "term loans", in which case the investments match the loan term. As the loans are terminable at will, the duration of the investments generally did not match the duration of the investments made with the cash collateral.

The collateral held and the market value of the securities on loan as of June 30, 2018 was \$85,065,545 and \$83,125,744 respectively, for the Trust. The cash collateral is recorded as both an asset and a liability on the Trust financial statements. Securities and letters-of-credit received as collateral at June 30, 2018 are not recorded in the Statement of Plan Net Position, as the Trust cannot sell or pledge the collateral received absent a borrower default.

At year end, the Trust has no credit risk by the borrowers because the amount the Trust owes the borrowers exceeds the amount the borrowers owe the Trust. The gross earnings for securities lending were \$400,757 and borrower's rebates were \$186,212 for total income of \$214,545, and the related expenses were \$42,888 in agent fees, netting \$171,657 in securities lending income for the Trust.

#### D. Fair Value Measurement

GASB Statement No. 72, <u>Fair Value Measurement and Application</u>, categorizes the inputs to valuation techniques used to measure fair value into three levels. Level 1 inputs are quoted prices (unadjusted) for identical assets or liabilities in active markets. Level 2 inputs are inputs – other than quoted prices included in Level 1 – that are

observable for an asset or liability, either directly or indirectly. Level 3 inputs are unobservable inputs for an asset or liability.

For the Metropolitan Government Investment Pool, the input levels are not applicable to LGIP as investments are reported at amortized cost. The investments in ITIF are considered Level 2, and the Direct Holdings are considered Level 1.

The Separate Portfolio which is comprised of U.S. Treasuries and U.S. Government Bonds are valued by the Government as Level 1 inputs. These investments are made on behalf of the respective Departments and component units of the Government. Similarly, these investments can be valued from quoted prices (unadjusted) to identical assets or liabilities in active markets that a government can access at the measurement date.

For the Metropolitan Employees' Benefit Trust (Trust) and Teachers' Retirement Plan (Plan) investments, the custodian uses a proprietary matrix based on asset class (i.e., "sector code" or "firm code"). The custodian established a framework of thirteen major asset classifications, with over 1,100 sub-classifications, allowing the client to aggregate of disaggregate based on the strategies and investment policies that they identify as most appropriate for their plans. The sub-classifications are assigned a fair value level based on the attributes and pricing guidelines of the sub-classification. This information is passed on from the security level to the individual asset holder's account. The fair value hierarchy level matrix is based on discussions with 1) pricing vendors, 2) brokers and dealers, 3) investment managers, 4) industry groups, and 5) independent accounting firms. Examples of Level 1 securities that have quoted prices (unadjusted) in an active market for identical assets or liabilities include U.S. equities, non-U.S. equities, EFT's, regulated investment companies and U.S. treasuries. Examples of Level 2 securities that have inputs other than quoted prices that are observable for the assets or liabilities include corporate bonds, asset backed securities and government bonds. Examples of Level 3 securities that have unobservable inputs for the assets or liabilities used to measure fair value that rely on the other assumptions include limited partnerships, private placement investments, hedge funds, and commingled funds. The Investment Committee used this matrix and did not override any of the fair value levels reported by the custodian.

**Ouoted Prices** 

Significant

Investment Type		Fair Value		In Active Markets for entical Assets Level 1	 Other Observable Inputs Level 2		Significant Unobservable Inputs Level 3	
Metro Investment Pool: Tennessee Local Government Investment Pool Tennessee Intermediate Term Investment Fund First Tennessee Bank Advisors Direct Holdings	\$	252,193,978 62,570,588 390,974,586	\$	n/a - 390,974,586	\$ n/a 62,570,588 -	\$	n/a - -	
Total Metro Investment Pool	\$	705,739,152	\$	390,974,586	\$ 62,570,588	\$	-	
Separate Portfolios: U.S. Treasuries Total Separate Portfolios Metropolitan Employees' Benefit Trust and	\$ \$	19,882,916 19,882,916	\$ \$	19,882,916 19,882,916	\$ <u>-</u>	\$	-	
Teachers' Retirement Plan: Common Stock Fixed Income Funds Futures Registered Investment Companies U.S. Government Securities Asset Backed Securities Corporate Debt Instruments Municipals Non U.S. Government Bonds Non U.S. Government Private Placement Swaps U.S. Private Placement Bank Debt Notes Commingled Funds US Debt Partnership Joint Venture Interest	\$	434,748,991 172,475,108 (6,949,934) 115,886,650 198,654,091 127,520,642 193,594,986 917,486 7,025,883 8,718,343 8,807,951 82,166,945 20,897,179 27,121,710 1,738,603,043	\$	316,264,241 3,550,122 (6,949,934) 115,886,650 196,752,240	\$ 1,901,851 127,520,642 193,594,986 917,486 7,025,883 8,718,343 8,807,951 82,166,945 12,899,520	\$	118,484,750 168,924,986 - - - - - - - - - - - - - - - - - - -	
Less Amounts Reported as Cash and Cash Equivalents (1)		(68,930,475)		(68,930,475)	 		<u> </u>	
Total Metropolitan Employees' Benefit Trust and Teachers' Retirement Plan	\$	3,127,569,844	\$	622,884,089	\$ 443,553,607	\$	2,061,132,148	

<sup>(1)</sup> The amounts categorized in the fair value levels were determined from information provided by the custodian and include cash held by the custodian that is reported in the financial statements as cash and cash equivalents.

Securities classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for those securities. Securities classified in Level 2 are primarily fixed income assets that may have not traded, but the prices are derived from substantially similar assets that have traded. Securities classified in Level 3 are primarily private equity and private debt in limited partnership securities, and the prices are derived from 1) fair value capital balances which may be adjusted by investment managers where appropriate giving consideration to various factors, or 2) the value that is most likely to be an exit price in an orderly arm's length transaction between market participants using one of the accepted valuation methods under U.S. generally accepted accounting principles. The valuation for Level 3 assets is consistent with industry standards, and valuation changes are primarily due to fundamental changes at the company level, subsequent transactions, or observable market pricing.

### **Component Units**

### A. Deposits

All component units are subject to State of Tennessee statute which requires that deposits in financial institutions be secured and collateralized by such institutions. The collateral must meet certain requirements and must have a total minimum market value of 105% of the value of the deposits placed in the institutions, less the amount protected by federal depository insurance. Collateral requirements are not applicable for financial institutions that participate in the State of Tennessee's collateral pool. The degrees of risk regarding deposits vary with each component unit as noted in their separately issued financial statements.

### **B.** Investments

Each component unit manages its own investments and creates its own policies, except for the Sports Authority, Industrial Development Board, and Convention Center Authority which participate in the Metro Investment Pool of the primary government. Certain component units are subject to the same investment risks as the primary government. The degrees of risk regarding investments and the policies addressing each type of risk vary with each component unit as noted in their separately issued financial statements.

### NOTE 5 - CAPITAL ASSETS

Capital asset activity for the year ended June 30, 2018 was as follows:

### **Primary Government**

Governmental activities:

Covernmental activities.		Balance July 1, 2017	 Increases	 Decreases	Balance June 30, 2018		
Capital assets, not being depreciated:							
Land	\$	450,940,677	\$ 39,667,710	\$ -	\$	490,608,387	
Transportation infrastructure		1,548,256,641	33,478,987	-		1,581,735,628	
Public art		4,454,435	376,777	-		4,831,212	
Construction in progress		315,643,124	 251,302,664	 (158,242,286)		408,703,502	
Total capital assets,							
not being depreciated		2,319,294,877	 324,826,138	 (158,242,286)		2,485,878,729	
Capital assets, being depreciated:							
Buildings and improvements		2,088,068,581	125,141,201	(315,148)		2,212,894,634	
Furniture, machinery and equipment		459,375,170	49,091,763	(24,769,295)		483,697,638	
Stormwater infrastructure		167,750,289	 3,359,240	 <del>-</del>		171,109,529	
Total capital assets,							
being depreciated		2,715,194,040	 177,592,204	 (25,084,443)		2,867,701,801	
Less accumulated depreciation:							
Building and improvements		(871,401,495)	(73,139,730)	263,705		(944,277,520)	
Furniture, machinery and equipment		(334,502,192)	(42,358,581)	24,671,521		(352,189,252)	
Stormwater infrastructure		(49,595,113)	 (3,360,528)	 <u>-</u>		(52,955,641)	
Total accumulated depreciation		(1,255,498,800)	 (118,858,839)	 24,935,226		(1,349,422,413)	
Total capital assets,							
being depreciated, net	-	1,459,695,240	 58,733,365	 (149,217)		1,518,279,388	
Governmental activities							
capital assets, net	\$	3,778,990,117	\$ 383,559,503	\$ (158,391,503)	\$	4,004,158,117	

Governmental activities include the capital assets of the internal service funds.

### Business-type activities:

		Balance July 1, 2017				Decreases	Balance June 30, 2018		
Capital assets, not being depreciated Land Construction in progress	\$	24,583,200 255,990,147	\$	150,400,270	\$	- (146,253,445)	\$	24,583,200 260,136,972	
Total capital assets, not being depreciated		280,573,347		150,400,270		(146,253,445)		284,720,172	
Capital assets, being depreciated: Utility plant in service Buildings and improvements Improvements other than buildings Furniture, machinery and equipment Property under capital lease		2,884,725,527 94,135,053 60,731,063 112,695,790 3,645,000		147,566,198 7,497,604 131,999 10,006,113		(35,478) - - - -		3,032,291,725 101,597,179 60,863,062 122,701,903 3,645,000	
Total capital assets, being depreciated		3,155,932,433		165,201,914		(35,478)		3,321,098,869	
Less accumulated depreciation: Utility plant in service Buildings and improvements Improvements other than buildings Furniture, machinery and equipment Property under capital lease		(1,214,268,543) (57,253,294) (42,578,199) (49,235,844) (1,921,094)		(69,861,760) (2,198,820) (1,967,556) (8,946,778) (91,125)		- - - - -		(1,284,130,303) (59,452,114) (44,545,755) (58,182,622) (2,012,219)	
Total accumulated depreciation		(1,365,256,974)		(83,066,039)				(1,448,323,013)	
Total capital assets, being depreciated, net		1,790,675,459		82,135,875		(35,478)		1,872,775,856	
Business-type activities capital assets, net	\$	2,071,248,806	\$	232,536,145	\$	(146,288,923)	\$	2,157,496,028	

Depreciation expense was charged to functions/programs of the primary government as follows:

### Governmental activities:

General government	\$	26,392,288
Fiscal administration		740,437
Administration of justice		2,627,857
Law enforcement and care of prisoners		8,840,528
Fire prevention and control		2,499,230
Education		39,381,034
Regulation and inspection		5,971
Public welfare		1,528,427
Public health and hospitals		1,324,688
Public library system		2,702,327
Public works, highways and streets,		2,102,021
including depreciation of stormwater infrastructure		5,644,118
Recreational and cultural		11,039,039
Capital assets held by internal service funds are		11,000,000
charged to the various functions based on each		
		16 122 005
function's usage of the services provided by the funds		16,132,895
Total depreciation expense, governmental activities	\$	118,858,839
Business-type activities:		
**	Φ.	70 724 062
Department of Water and Sewerage Services	\$	79,734,863
District Energy System		2,340,007
Board of Fair Commissioners		369,859
Farmers Market		291,330
Municipal Auditorium		329,980
Total depreciation expense, business-type activities	\$	83,066,039
Total depressation expense, Edelitoos type delivities	<u>Ψ</u>	33,030,000

### **Component Units**

Capital asset activity for the year ended June 30, 2018 was as follows:

		Balance July 1, 2017		Increases		Decreases		Balance June 30, 2018
Capital assets, not being depreciated:				_				_
Land	\$	360,989,526	\$	13,317,295	\$	-	\$	374,306,821
Public art		1,183,844		-		-		1,183,844
Construction in progress		188,656,789		237,610,608		(107,597,817)		318,669,580
Total capital assets,								
not being depreciated		550,830,159		250,927,903		(107,597,817)		694,160,245
Capital assets, being depreciated:								
Utility plant in service		1,411,001,000		62,293,000		(15,656,000)		1,457,638,000
Buildings and improvements		1,979,722,890		69,026,145		(382,581)		2,048,366,454
Improvements other than buildings		563,441,668		16,722,756		(1,307,711)		578,856,713
Furniture, machinery and equipment		492,068,820		48,205,393		(12,260,439)		528,013,774
Infrastructure		22,405,389		132,517				22,537,906
Total capital assets,								
being depreciated		4,468,639,767		196,379,811		(29,606,731)		4,635,412,847
Less accumulated depreciation for:								
Utility plant in service		(591,391,000)		(51,363,000)		22,239,000		(620,515,000)
Buildings and improvements		(665,481,855)		(61,609,290)		112,105		(726,979,040)
Improvements other than buildings		(351,535,160)		(19,455,822)		697,274		(370,293,708)
Furniture, machinery and equipment	İ	(272,262,587)		(34,383,479)		11,588,066		(295,058,000)
Infrastructure		(16,963,412)	-	(526,701)	-	<del>-</del>	-	(17,490,113)
Total accumulated depreciation		(1,897,634,014)		(167,338,292)		34,636,445		(2,030,335,861)
Total capital assets,								
being depreciated, net		2,571,005,753		29,041,519		5,029,714		2,605,076,986
Component units activities								
capital assets, net	\$	3,121,835,912	\$	279,969,422	\$	(102,568,103)	\$	3,299,237,231

### NOTE 6 - BONDS, NOTES AND OTHER OBLIGATIONS

### **Primary Government**

### A. Transaction Summary

Bonds, notes and other obligations activity for the year ended June 30, 2018 was as follows:

	Balance July 1, 2017	Additions	Reductions			Due Within One Year	
Governmental activities: General obligation bonds payable:	odly 1, 2017	rtaditiono	Troductions		54110 00, 2010		One real
General Services District Schools Urban Services District Deferred premium (discount)	\$ 1,613,724,862 844,105,336 178,173,863 382,408,398	\$ - - - -	\$ (74,519,733) (50,698,439) (11,628,672) (34,092,489)	\$	\$1,539,205,129 793,406,897 166,545,191 348,315,909	\$	84,467,213 55,615,214 11,367,458
Total general obligation bonds payable	 3,018,412,459	 <u>-</u> _	 (170,939,333)		2,847,473,126		151,449,885
Qualified zone academy notes payable: Qualified Zone Academy Notes Deferred premium (discount)	 1,658,264 (36,276)	 - -	 (414,567) 10,364		1,243,697 (25,912)		414,567 -
Total qualified zone academy notes payable	 1,621,988	 <u>-</u>	 (404,203)		1,217,785		414,567
Qualified school construction bond loans payable	 34,727,979	 <u> </u>	 (3,536,429)		31,191,550		3,536,429
Other obligations payable: Net pension liability Total OPEB liability (1) Compensated absences Claims and judgments Landfill closure costs Fair value of derivative financial	235,535,566 3,754,703,835 89,056,568 11,008,374 6,230,173	388,529,847 242,534,640 70,954,591 2,855,451 330,213	(425,070,313) (108,176,211) (67,873,947) (2,608,374) (151,069)		198,995,100 3,889,062,264 92,137,212 11,255,451 6,409,317		54,957,191 65,000 562,801
instruments	7,604,641	 	 (2,614,574)		4,990,067		
Total other obligations payable  Total governmental activities	 4,104,139,157	 705,204,742	 (606,494,488)		4,202,849,411		55,584,992
long-term liabilities	\$ 7,158,901,583	\$ 705,204,742	\$ (781,374,453)	\$	7,082,731,872	\$	210,985,873
Business-type activities:  Department of Water and Sewerage Services:  Revenue bonds payable Deferred premium (discount) Net pension liability	\$ 716,115,000 33,474,280 5,392,431	\$ 244,630,000 44,244,962 26,811,802	\$ (68,380,000) (6,894,113) (24,761,183)	\$	892,365,000 70,825,129 7,443,050	\$	38,225,000
Total Department of Water and Sewerage Services	754,981,711	315,686,764	(100,035,296)		970,633,179		38,225,000
District Energy System: General obligation bonds payable Deferred premium (discount) Net pension liability	53,190,939 8,293,018 21,174	- - 110,870	(2,303,156) (562,634) (101,526)		50,887,783 7,730,384 30,518		2,375,115
Total District Energy System	61,505,131	110,870	(2,967,316)		58,648,685		2,375,115
Other business-type activities: Net pension liability	957,885	4,825,265	(4,446,547)		1,336,603		_
Total other business-type activities	957,885	4,825,265	(4,446,547)		1,336,603		
Total business-type activities long-term liabilities	\$ 817,444,727	\$ 320,622,899	\$ (107,449,159)	\$	1,030,618,467	\$	40,600,115

 $<sup>(1)</sup> The \ balance \ at \ July \ 1, \ 2017 \ was \ restated \ as \ a \ result \ of \ the \ implementation \ of \ GASB \ Statement \ No. \ 75 \ as \ discussed \ in \ Note \ 2.$ 

## **B.** Description of Amounts Payable

Interest Rate	Amount
<u></u>	
.30 - 5.71%	\$ 1,539,205,129
00 5740/	700 400 00
.30 - 5.71%	793,406,897
00 5740/	400 545 404
.30 - 5.71%	166,545,191
	348,315,909
	2,847,473,126
N/A	1,243,697
	(25,912)
	1,217,785
1.515%	31,191,550
	198,995,100
	3,889,062,264
	92,137,212
	11,255,451
	6,409,317
	4,990,067
	4,202,849,411
	\$ 7,082,731,872
3.25 - 5.25%	\$ 27,905,000
	, ,
3.25 - 5.25% 3.00 - 5.00%	\$ 27,905,000 76,530,000
	, ,
3.00 - 5.00%	, ,
	76,530,000
3.00 - 5.00% 6.393 - 6.568%	76,530,000 135,000,000
3.00 - 5.00%	76,530,000
3.00 - 5.00% 6.393 - 6.568% 6.693%	76,530,000 135,000,000 75,000,000
3.00 - 5.00% 6.393 - 6.568%	76,530,000 135,000,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791%	76,530,000 135,000,000 75,000,000 990,000
3.00 - 5.00% 6.393 - 6.568% 6.693%	76,530,000 135,000,000 75,000,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791% 1.00 - 5.00%	76,530,000 135,000,000 75,000,000 990,000 94,380,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791%	76,530,000 135,000,000 75,000,000 990,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791% 1.00 - 5.00% 3.00 - 5.00%	76,530,000 135,000,000 75,000,000 990,000 94,380,000 237,930,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791% 1.00 - 5.00%	76,530,000 135,000,000 75,000,000 990,000 94,380,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791% 1.00 - 5.00% 3.00 - 5.00%	76,530,000 135,000,000 75,000,000 990,000 94,380,000 237,930,000 89,420,000
3.00 - 5.00% 6.393 - 6.568% 6.693% 4.255 - 4.791% 1.00 - 5.00% 3.00 - 5.00%	76,530,000 135,000,000 75,000,000 990,000 94,380,000 237,930,000
	.30 - 5.71% .30 - 5.71% .30 - 5.71%

	Interest Rate	Amount
District Energy System G. O. Multi-purpose Bonds, Series 2010A, due in varying amounts to July 1, 2026	2.75 - 5.00%	\$ 176,321
District Energy System G. O. Refunding Bonds,	2.75 - 5.00%	φ 170,321
Series 2010D, due in varying amounts to July 1, 2024	1.50 - 5.00%	667,615
District Energy System G. O. Refunding Bonds,	1100 010070	331,313
Series 2011, due in varying amounts to July 1, 2023	2.00 - 5.00%	504,087
District Energy System Revenue Refunding Bonds,		
Series 2012A, due in varying amounts to October 1, 2033	2.00 - 5.00%	39,590,000
District Energy System G. O. Refunding Bonds,	00 0 7070/	0.400.070
Series 2012B, due in varying amounts to July 1, 2024 District Energy System G. O. Refunding Bonds,	.32 - 2.767%	2,192,970
Series 2013A, due in varying amounts to July 1, 2033	3.00 - 5.00%	990,183
District Energy System G. O. Improvement Bonds,	3.00 - 3.00 /0	330,103
Series 2015C, due in varying amounts to July 1, 2034	4.00 - 5.00%	661,578
District Energy System G. O. Refunding Bonds,		•
Series 2016, due in varying amounts to January 1, 2033	2.00 - 5.00%	5,565,107
District Energy System G. O. Improvement Bonds,		
Series 2017, due in varying amounts to July 1, 2036	4.00 - 5.00%	539,922
Deferred premium (discount)		7,730,384
Total District Energy System		58,618,167
Total bonds payable		1,021,808,296
Net pension liability:		
Department of Water and Sewerage Services		7,443,050
District Energy System		30,518
Other business-type activities		1,336,603
Total net pension liability		8,810,171
Total business-type activities long-term liabilities		\$ 1,030,618,467
,,		

The bonds, notes and other obligations are classified in the Statement of Net Position as follows:

Governmental activities: Noncurrent Liabilities:	
Due within one year	\$ 210,985,873
Due in more than one year	6,871,745,999
Total governmental activities	\$ 7,082,731,872
Business-type activities: Liabilities payable from restricted assets: Current portion of long-term liabilities Noncurrent liabilities: Due in more than one year	\$ 40,600,115 990,018,352
Total business-type activities	\$ 1,030,618,467

The general obligation bonds and notes payable are direct obligations of the Government for which its full faith and credit are pledged. These obligations are payable from the assessment of ad valorem taxes. In addition, the Government has additional sources of funds which are utilized to meet the annual principal and interest payments of certain general obligation bonds and notes.

For the governmental activities, the other obligations are generally liquidated from the following:

Fund incurring the related employees' compensation, primarily the General Fund and General Purpose School Fund Net pension liability

Other postemployment benefits obligation Fund incurring the related employees' compensation, primarily

the General Fund, General Purpose School Fund

Compensated absences Fund incurring the related employees' compensation,

primarily the General Fund and the General Purpose School Fund

Claims and judgments Fund to which the claim or judgment relates

Landfill closure costs Solid Waste Operations Fund

For the business-type activities, the other obligations are generally liquidated from the funds reporting the liabilities.

### C. Collateral for Obligations of the Proprietary Funds

All bonds of the Department of Water and Sewerage Services and the District Energy System are collateralized by the revenues of those entities.

### **D. Bond Covenants**

The various revenue bond indentures contain significant limitations and restrictions on annual debt service requirements, maintenance of a flow of monies through various restricted accounts, minimum amounts to be maintained in various sinking funds, and minimum revenue bond coverages. As of June 30, 2018, the Government believes it is in compliance with all financial limitations and restrictions.

### E. Annual Debt Service Requirements

The annual requirements to amortize all general obligation bonds and revenue bonds outstanding as of June 30, 2018 are as follows:

Year Ending		General Obl	igatio	n Bonds		Revenu	ie Bo	onds	Total Primary Gove			Gov ernment		
June 30		Principal		Interest		Principal		Interest		Principal		Interest		
2019	\$	153,825,000	\$	113,618,639	\$	38,225,000	\$	46,136,004	\$	192,050,000	\$	159,754,643		
2020		160,135,000		107,305,595		39,120,000		44,225,115		199,255,000		151,530,710		
2021		167,145,000		100,297,369		25,080,000		42,304,977		192,225,000		142,602,346		
2022		170,590,000		92,429,131		29,955,000		40,984,827		200,545,000		133,413,958		
2023		179,725,000		84,298,195		36,775,000		39,449,077		216,500,000		123,747,272		
2024-2028		864,175,000		298,990,719		119,795,000		178,561,837		983,970,000		477,552,556		
2029-2033		599,325,000		135,305,778		141,735,000		145,102,142		741,060,000		280,407,920		
2034-2038		255,125,000		17,103,789		178,750,000		100,258,498		433,875,000		117,362,287		
2039-2043		-		-		205,140,000		44,390,980		205,140,000		44,390,980		
2044-2047		-		-		77,790,000		6,613,525		77,790,000		6,613,525		
Total		2,550,045,000		949,349,215	•	892,365,000	•	688,026,982		3,442,410,000		1,637,376,197		
Deferred														
Premium														
(Discount)	_	356,046,293		-		70,825,129	_		_	426,871,422				
Total	\$	2,906,091,293	\$	949,349,215	\$	963,190,129	\$	688,026,982	\$	3,869,281,422	\$	1,637,376,197		

### F. Commercial Paper

In July 2014, the Government entered into agreements with two banks to provide a \$500 million traditional commercial paper program, one through a Standby Note Purchase Agreement (SNPA) and one through a Standby Letter of Credit and Reimbursement Agreement (LOC). The SNPA supports \$300 million of commercial paper notes. If the commercial paper dealer was ever unable to market notes in the amount needed to pay the maturing notes, the liquidity provider would issue bank notes. The proceeds of the bank notes would be applied to pay the principal of commercial paper notes on the respective maturity dates. The LOC supports \$200 million of commercial paper notes. If the commercial paper dealer was ever unable to market notes in the amount needed to pay the maturing notes, the liquidity provider would make advances against the LOC. The proceeds of the LOC advance would be applied to pay the principal of commercial paper notes on the respective maturity dates. This program expired July 7, 2017.

In July 2014, the Government began a \$200 million Extendable Commercial Paper (ECP) program. The ECP dealer issues commercial paper notes with original maturity of 1 to 90 days. If the ECP dealer was ever unable to market notes in the amount needed to pay the maturing notes, the Government could extend the original maturity date to 270 days from the original date of issue. During this period long-term financing would be arranged to pay the notes at maturity. In July 2017, the Extendable Commercial Paper (ECP) program increased the maximum par amount of notes to \$325 million.

In July 2017, the Government entered into Revolving Credit Agreements (RCA) with two banks to provide a \$375 million general obligation traditional commercial paper program. The program allows the Government to issue short-term notes to finance authorized capital projects, until long-term bonds can be issued to provide permanent project financing. As notes mature (prior to the issuance of the long-term bonds) new notes are issued to repay the maturing notes. If market conditions are such that new notes cannot be issued, the banks have agreed to pay the principal amount of any maturing commercial paper notes pursuant to a revolving credit agreement. If a bank advances funds pursuant to the revolving credit agreement, the Government has 180 days within which to reimburse the bank, either from the proceeds of a new commercial paper note issue, the proceeds of long-term bonds or funds of the Government. If the Government cannot reimburse the bank within 180 days, the bank advance converts to a term loan, payable in equal quarterly installments of principal over three years. The Government may at any time prepay the term loan from the proceeds of a new commercial paper note issue or long-term bonds.

General obligation commercial paper is issued as federally tax-exempt notes. The commercial paper is sold at par as interest-bearing obligations in minimum denominations of \$100,000 with interest payable at maturity. The commercial paper has varying maturities not to exceed 270 days, and all rollover commercial paper will not have a final maturity more than two years from the initial dates of issuance. The State has waived the two year final maturity limitation and approved a final maturity not to exceed six years. Interest rates vary depending on the market. At June 30, 2018, the amount of principal outstanding could not exceed \$700 million.

In April 2015, the Government established a \$200 million Water and Sewerage commercial paper program. The program allows the Government to issue short-term notes to finance water and sewer capital projects, until long-term bonds can be issued to provide permanent project financing. As notes mature (prior to the issuance of the long-term bonds) new notes are issued to repay the maturing notes. If market conditions are such that new notes cannot be issued, the bank has agreed to pay the principal amount of any maturing commercial paper notes pursuant to a revolving credit agreement. If the bank advances funds pursuant to the revolving credit agreement, the Government has 180 days within which to reimburse the bank, either from the proceeds of a new commercial paper note issue, the proceeds of long-term bonds or funds of the Government. If the Government cannot reimburse the bank within 180 days, the bank advance converts to a term loan, payable in equal semi-annual installments of principal over three years. The Government may at any time prepay the term loan from the proceeds of a new commercial paper note issue or long-term bonds. In October 2015, the revolving credit agreement was replaced by a letter of credit and reimbursement agreement (LOC). The par amount of the commercial paper program was also reduced from \$200 million to \$183 million, the payment of which is now supported by the LOC on substantially the same terms as the revolving credit agreement as described above. This program expired July 12, 2018.

In July, 2018 the Government established a \$183 million Water and Sewerage commercial paper program. Commercial paper notes are issued to provide interim or short-term financing of various water and sewer capital projects. The notes may be refunded with new notes (rollover notes) until the Government is prepared to issue long-term bonds and thereby provide permanent financing for the capital projects financed under the commercial paper program. As notes mature (prior to the issuance of the long-term bonds) new notes are issued to repay the maturing notes. If market conditions are such that new notes cannot be issued, the bank has agreed to pay the principal amount of any maturing commercial paper notes pursuant to a Reimbursement. If the bank advances funds pursuant to the reimbursement agreement, the Government has 180 days within which to reimburse the bank, either from the proceeds of a new commercial paper note issue, the proceeds of long-term bonds or funds of the Government. If the Government cannot reimburse the bank within 180 days, the bank advance converts to a term loan, payable in equal quarterly installments of principal over three years. The Government may at any time prepay the term loan from the proceeds of a new commercial paper note issue or long-term bonds. In April 2015, the Government began a \$100 million Extendable Commercial Paper (ECP) program. The ECP dealer issues commercial paper notes with original maturities of 1 to 90 days. If the ECP dealer was ever unable to market notes in

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

the amount needed to pay the maturing notes, the Government could extend the original maturity date to 270 days from the original date of issue. During this period long-term financing would be arranged to pay the notes at maturity. The combined programs total \$300 million of commercial paper notes available for short term capital financing.

Revenue commercial paper is issued as federally tax-exempt notes. The commercial paper is sold at par as interest-bearing obligations in minimum denominations of \$100,000 with interest payable at maturity. The commercial paper has varying maturities not to exceed 270 days, and all rollover commercial paper will not have a final maturity more than two years from the initial dates of issuance. The State has waived the two year final maturity limitation and approved a final maturity not to exceed six years. Interest rates vary depending on the market. At June 30, 2018, the amount of principal outstanding could not exceed \$300 million.

Commercial paper obligations of \$775,000,000 with interest rates ranging from .87% to 2.10% were outstanding at June 30, 2018. The obligations are considered short-term debt at June 30, 2018 and are recorded as a liability in the Capital Project Funds, Department of Water and Sewerage Services, and the District Energy System of the Government.

Commercial paper activity for the year ended June 30, 2018 was as follows:

	Balance			Balance
	July 1, 2017	Additions	Reductions	June 30, 2018
Commercial paper payable	\$ 450,000,000	\$ 600,000,000	\$ (275,000,000)	\$ 775,000,000

The commercial paper is classified in the Statement of Net Position as follows:

#### Governmental activities:

Commercial paper payable	\$ 648,531,019
Total governmental activities	 648,531,019
Business-type activities:	
Commercial paper payable	126,468,981
Total business-type activities	126,468,981
Total commercial paper payable	\$ 775.000.000

### G. Issuance of Bonds

On November 2, 2017, the Government issued \$89,420,0000 of Department of Water and Sewerage Services Revenue Bonds, Series 2017A (Green Bonds), maturing on July 1, 2046, with interest rates ranging from 3.00% to 5.00%, and \$155,210,000 of Department of Water and Sewerage Services Revenue Bonds, Series 2017B, maturing on July 1, 2046, with an interest rate of 5%. The net proceeds of the Series 2017 Bonds totaled \$324,454,670 including original issue premium and the Government's defeasance contribution. \$275,414,514 of the net proceeds were used to fund maturing commercial paper notes, \$35,168,559 was used to refund certain maturities of Department of Water and Sewerage Revenue Refunding Bonds, Series 2008A, \$12,396,249 was used to establish a debt service reserve fund, and \$1,475,348 was used to cover underwriting fees and other costs of issuance. By including the defeasance in the issuance of the Series 2017 Bonds, the Government's debt service payments over the next four years will be reduced by an estimated \$2,244,997.

### H. Defeased Bonds

The Government has defeased certain other bonds by placing the proceeds of new bonds in irrevocable trusts to provide for all future debt service requirements on the retired bonds. Accordingly, the trust account assets and the liability for the defeased bonds are not included in the Government's financial statements. As of June 30, 2018, \$431,815,000 of general obligation bonds and \$30,905,000 of revenue bonds are considered defeased.

### I. Redemption Options

Certain bonds are subject to redemption prior to maturity at the option of the Government. The stated payments of principal and interest on the Department of Water and Sewerage Services Series 1992 and Series 2010A, B, C and D are insured by municipal bond insurance policies which cannot be canceled.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### J. Qualified Zone Academy Notes

Qualified Zone Academy Bonds (QZAB) are issued by the Tennessee State School Bond Authority (TSSBA) to finance improvement loans for qualifying primary and secondary schools in the State. The QZAB's are a part of a federal government program administered by the Tennessee Department of Education in which a federal tax credit is given to investors in lieu of interest on the bonds.

The Government entered into a loan agreement with the TSSBA in December 2005 whereby the Government would receive an amount not to exceed \$6,350,000 of the proceeds from the TSSBA QZAB, Series 2005. Actual proceeds totaled \$6,218,500. Under the provisions of the agreement, the proceeds of the loan must be spent on specific authorized projects within a limited time period. The TSSBA will hold and invest the proceeds from the Series 2005 Bonds, and as allowable expenditures are incurred, the Government will request reimbursement. The Government is required to make annual principal payments to TSSBA. An investment credit applied to the Government's portion of the bond proceeds will be used to reduce future payments.

QZAB note principal maturities at June 30, 2018 are summarized below:

Year Ending			In	vestment
June 30	Principal			redit (1)
2019	\$	414,567	\$	97,031
2020		414,567		97,031
2021		414,563		97,031
Total qualified zone academy				
notes payable	\$	1,243,697	\$	291,093

(1) The investment tax credit is estimated and subject to adjustment based on investment earnings and other factors.

### K. Qualified School Construction Bond Loan

Qualified School Construction Bonds (QSCB) are issued by the Tennessee State School Bond Authority (TSSBA) to finance improvement loans for qualifying primary and secondary schools in the State. The QSCB's are part of the federal government's American Recovery and Reinvestment Act of 2009 (ARRA).

The Government entered a loan agreement with the TSSBA in December 2009 whereby the Government received an amount not to exceed \$21,760,000 of the proceeds from the TSSBA QSCB, Series 2009. Actual proceeds totaled \$21,120,000. Interest on the loan is 1.515%, and the loan matures in 2027. Under the provisions of the agreement, the proceeds of the loan must be spent on specific authorized projects within a limited time period. The TSSBA will hold and invest the proceeds from the Series 2009 Bonds, and as allowable expenditures are incurred, the Government will request reimbursement. The Government is required to make annual principal payments to TSSBA. An investment credit applied to the Government's portion of the bond proceeds will be used to reduce future payments.

On October 7, 2010, the Government entered a loan agreement with the TSSBA whereby the Government received \$35,555,000 from the TSSBA's QSCB's issued on October 7, 2010. Interest on the loan is 4.848%, and the loan matures in 2028. The Government also receives a share of the TSSBA's interest subsidy payments received from the Federal government. The Government's share of the subsidy is estimated to offset its interest payments. Under the provisions of the agreement, the proceeds of the loan must be spent on specific authorized projects within a limited time period. The TSSBA will hold and invest the proceeds from the Series 2010 Bonds, and as allowable expenditures are incurred, the Government will request reimbursement. The Government is required to make annual principal payments to TSSBA. Interest earned by the TSSBA on the Government's portion of the bond proceeds will be used to reduce future payments.

QSCB note principal maturities at June 30, 2018 are summarized below:

Year Ending							
June 30	Principal		Principal Interest		Subsidy		
2019	\$	3,536,429	\$	2,043,674	\$	1,723,706	
2020		3,536,429		2,043,674		1,723,706	
2021		3,536,429		2,043,674		1,723,706	
2022		3,536,429		2,043,674		1,723,706	
2023		3,536,429		2,043,674		1,723,706	
2024-2028		13,509,405		8,051,152		7,756,679	
Total qualified school construction							
bond loan payable	\$	31,191,550	\$	18,269,522	\$	16,375,209	

#### L. Derivative Financial Instruments

In connection with outstanding variable rate debt, the Government competitively bid the sale of a pay-fixed receive-variable Securities Industry and Financial Market Association (SIFMA), formerly the Bond Market Association, swaption (Swaption). This transaction generated an upfront payment of \$3,800,000, which is deferred and being amortized over the term of the related interest rate swap in the government-wide statements. The Swaption was sold on a SIFMA floating to fixed interest rate swap and, when it was exercised by the winning bidder, SunTrust Bank (Counterparty), the Government was placed into a variable to fixed interest rate swap commencing on May 15, 2006. The interest rate swap is a hedging derivative instrument (cash flow hedge) maintained by the Government in order to manage its exposure to market risk from fluctuations in interest rates on its variable rate debt. On February 2, 2012, the Government refunded the Tennessee Municipal Bond Fund (TMBF) Loan, which was the debt previously associated with the hedging derivative instrument. Upon the refunding of the TMBF Loan, the Government terminated hedge accounting for the derivative instrument. The related deferral account totaled \$16,126,556 at the date of the refunding and has been included in the net carrying amount of the TMBF Loan for purposes of determining the deferred charge related to its refunding. The Government has subsequently employed the interest rate swap as a hedging derivative instrument maintained in order to manage its exposure to market risk from fluctuations in interest rates on its commercial paper program.

The swap agreement provides that the Government will pay a fixed rate of 5.4% to the Counterparty and will receive the SIFMA rate on the outstanding notional amount which reduces annually and was \$33,360,000 at June 30, 2018. The SIFMA rate at June 30, 2018 was 1.51%. All terms of the swap remain in effect and expire May 15, 2026. The credit rating of the Counterparty at June 30, 2018 is Baa1. The fair value of this swap contract was a liability of \$4,990,067 at June 30, 2018 and is recorded in noncurrent liabilities in the Statement of Net Position. The liability decreased by \$2,124,603 for the year ended June 30, 2018. This change in fair value is reported as a deferred inflow of resources in the Statement of Net Position.

The fair value of the interest rate swap was determined by the Counterparty using valuation models and assumptions and available market data. Arrangements made in the Government's interest rate swap agreement do not alter the Government's obligation to pay the principal and interest on the related debt. See Section F.

The net receipts/payments on the hedging derivative instrument at June 30, 2018 are summarized below. The amounts assume that the current reference rate (1.51%) of the interest rate swap will remain the same for the term of the swap agreement. As this rate varies, the net receipts/payments will vary.

Year Ending Hedging De		ing Derivative,
June 30	Ne	et Payments
2019	\$	1,297,704
2020		1,165,055
2021		1,024,821
2022		876,612
2023		720,039
2024-2026		1,129,462
Total hedging derivative, net payments	\$	6,213,693

Credit risk – The Government is exposed to credit risk on hedging derivative instruments that are in asset positions. There were no such instruments in asset positions at June 30, 2018. However, should interest rates change and the fair value of the swap becomes positive, the Government would be exposed to credit risk in the amount of the derivative's fair value. The Government relies primarily on the credit rating of the counterparty to assess credit risk.

Interest rate risk – The Government is exposed to interest rate risk on its interest rate swap. On its pay-fixed, receive-variable interest rate swap, as the variable swap index decreases, the Government's net payments on the swaps increase.

Basis risk – The Government is exposed to basis risk on its pay-fixed interest rate swaps because the variable rate payments received by the Government on this hedging derivative instrument is, in certain circumstances, based on a rate or index other than interest rates that the Government pays on its hedged debt.

Termination risk – The Government or the Counterparty may terminate the derivative instrument if the other party fails to perform under the terms of the contract. If at the time of termination, the hedging derivative instrument is in a liability position, the Government would be liable to the Counterparty for a payment equal to the liability.

### M. Unissued Bonds or Notes

At June 30, 2018, authorized but unissued general obligation bonds totaled \$1,675,068,000. Commercial paper borrowings are used to fund capital spending prior to the issuance of bonds.

### **Component Units**

### A. Transaction Summary

Bonds, notes and other liabilities activity for the year ended June 30, 2018 was as follows:

	Balance July 1, 2017	Additions	Reductions	Balance June 30, 2018	Due Within One Year
Governmental types:					
Revenue bonds payable:					
Sports Authority	\$ 140,158,989	\$ -	\$ (7,833,032)	\$ 132,325,957	\$ 7,650,000
Total revenue bonds payable -					
governmental types	140,158,989	-	(7,833,032)	132,325,957	7,650,000
Proprietary types:					
Revenue bonds payable:					
Electric Power Board	686,165,000	1,125,000	(44,635,000)	642,655,000	27,216,000
Metropolitan Nashville Airport Authority	327,591,995	27,358,295	(60,553,079)	294,397,211	15,215,000
Convention Center Authority	612,854,452		(10,395,495)	602,458,957	12,255,000
Total revenue bonds payable -					
proprietary types	1,626,611,447	28,483,295	(115,583,574)	1,539,511,168	54,686,000
Notes payable:					
Metropolitan Development and					
Housing Agency	115,372,283	64,203,759	(16,206,784)	163,369,258	12,288,887
Metropolitan Nashville Airport Authority	17,832,137	4,664,046	(6,134,536)	16,361,647	595,516
Total notes payable - proprietary types	133,204,420	68,867,805	(22,341,320)	179,730,905	12,884,403
Total revenue bonds and notes payable	1,899,974,856	97,351,100	(145,757,926)	1,851,568,030	75,220,403
Governmental types:					
Other liabilities payable:					
Sports Authority:					
Other liabilities	21,651,152	169,155	(3,342,045)	18,478,262	-
Total other liabilities payable -		<u>,                                      </u>			
governmental types	21,651,152	169,155	(3,342,045)	18,478,262	
Proprietary types:					
Other liabilities payable:					
Hospital Authority:					
Capitalized lease obligation	22,952,744	-	(1,667,694)	21,285,050	2,729,931
Net pension liability	1,355,498	6,342,231	(5,918,628)	1,779,101	-
Metropolitan Development and					
Housing Agency:			()		
Other liabilities	1,499,123	413,385	(47,507)	1,865,001	-
Electric Power Board:	F 007 000	0.407.000	(( = 7 ( 000)		
TVA advances and other	5,227,000	9,687,000	(6,574,000)	8,340,000	-
Net pension liability	206,193,000	61,804,000	(73,377,000)	194,620,000	-
Net OPEB liability (1)	196,661,000	44,010,000	(33,154,000)	207,517,000	-
Metropolitan Transit Authority:	0 1 4 7 4 / 5		(500,000)	0.557.479	
Advance lease receipts	9,147,465	- 201 / 0F	(590,003)	8,557,462	-
Refundable grants	5,185,951 14,072,794	281,685	(4,335,677)	1,131,959	-
Net pension liability	16,972,784 59,752,177	7,140,607 6,509,657	(8,905,478) (2,501,529)	15,207,913	-
Net OPEB liability (1)	58,752,177	6,508,657	(2,501,538)	62,759,296	-

Proprietary types: Other liabilities payable (continued):	Balance July 1, 2017		Additions Reductions		Balance June 30, 2018		Due Within One Year		
Metropolitan Nashville Airport Authority: Fair value of derivative financial									
instruments	\$	614,586	\$	-	\$ (495,797)	\$	118,789	\$	-
Unearned income		1,854,639		11,895	(34,904)		1,831,630		-
Net OPEB liability (1)		21,738,923		2,797,049	(13,740,683)		10,795,289		-
Convention Center Authority:									
Net pension liability		233,451		1,411,290	(1,264,608)		380,133		-
Total other liabilities payable - proprietary types		548,388,341		140,407,799	 (152,607,517)		536,188,623		2,729,931
Total revenue bonds, notes and other liabilities payable - component units	\$	2,470,014,349	\$	237,928,054	\$ (301,707,488)	\$	2,406,234,915	\$	77,950,334

<sup>(1)</sup> The balance at July 1, 2017 was restated as a result of the implementation of GASB Statement No. 75 as discussed in Note 2.

### **B.** Description of Amounts Payable

Amounts payable at June 30, 2018 are as follows:

Amounts payable at June 30, 2016 are as follows.			
	Interest Rates		Amount
Governmental types:			
Revenue bonds payable: Series 2012A (Stadium Project), due in varying amounts to July 1, 2033	1.142 - 5.231%	\$	18,940,000
Taxable Public Facility Revenue Refunding Bonds,	1.142 - 5.251%	φ	10,940,000
Series 2012B (Arena Project), due in varying amounts to July 1, 2018	.38 - 2.944%		1,605,000
Taxable Public Facility Revenue Improvement Bonds (Hockey Project),	.50 2.54470		1,000,000
Series 2013A, due in varying amounts to July 1, 2033	.793 - 5.150%		12,060,000
Taxable Public Improvement Revenue Refunding Bonds,	00 00070		.2,000,000
Series 2013B, due in varying amounts to July 1, 2025	.793 - 4.050%		18,640,000
Public Improvement Revenue Bonds (Ballpark Project),			
Series 2013A, due in varying amounts to August 1, 2043	3.00 - 5.250%		51,740,000
Taxable Public Improvement Revenue Bonds (Ballpark Project),			
Series 2013B, due in varying amounts to August 1, 2043	1.25 - 5.625%		10,795,000
Public Improvement Revenue Refunding Bonds,			
Series 2014, due in varying amounts to July 1, 2026	4.00 - 5.000%		15,005,000
Deferred premium (discount)			3,540,957
Total rayonus handa payahla gayaramantal typas			132,325,957
Total revenue bonds payable - governmental types			132,323,937
Proprietary types:			
Revenue bonds payable:			
Electric Power Board Electric System Revenue Bonds, 1998			
Series A, due in varying amounts to May 15, 2023	5.125 - 5.40%		11,296,000
Electric Power Board Electric System Revenue Bonds, 2008	0.120 0.1070		11,200,000
Series B, due in varying amounts to May 15, 2023	3.25 - 5.00%		7,627,000
Electric Power Board Electric System Revenue Bonds, 2011			
Series A, due in varying amounts to May 15, 2036	1.50 - 5.00%		44,099,000
Electric Power Board Electric System Revenue Bonds, 2011			
Series B, due in varying amounts to May 15, 2026	2.00 - 5.00%		66,325,000
Electric Power Board Electric System Revenue Bonds, 2013			
Series A, due in varying amounts to May 15, 2029	3.25 - 5.00%		60,121,000
Electric Power Board Electric System Revenue Bonds, 2014	2.00 F.00%		110 720 000
Series A, due in varying amounts to May 15, 2039	2.00 - 5.00%		110,739,000
Electric Power Board Electric System Revenue Bonds, 2015 Series A, due in varying amounts to May 15, 2039	5.00%		128,105,000
Electric Power Board Electric System Revenue Bonds, 2017	3.00 %		120, 103,000
Series A, due in varying amounts to May 15, 2042	3.00 - 5.00%		123,181,000
Electric Power Board Electric System Revenue Bonds, 2017	0.00		120,101,000
Series B, due in varying amounts to May 15, 2031	5.00%		91,162,000
Airport Improvement Revenue Bonds, Series 2003B,			
due in varying amounts to July 1, 2033	5.49 - 5.94%		14,785,000
Airport Improvement Revenue Bonds, Series 2008A,			
due in varying amounts to July 1, 2019	4.49%		7,400,000
Airport Improvement Revenue Bonds, Series 2009A,			
due in varying amounts to July 1, 2019	4.125 - 5.25%		12,160,000
Airport Improvement Revenue Bonds, Series 2010A,	0.05 0.400/		0.505.000
due in varying amounts to July 1, 2029 (includes terms bonds at 6.79%)	2.25 - 6.19%		8,535,000
Airport Improvement Revenue Bonds, Series 2015A, due in varying amounts to July 1, 2040	4.00 5.00%		04 055 000
Airport Improvement Revenue Bonds, Series 2015B,	4.00 - 5.00%		91,855,000
due in varying amounts to July 1, 2040	4.00 - 5.00%		108,145,000
due in varying amounts to duly 1, 2070	4.00 - 3.00 /0		100,140,000

	Interest Rates	 Amount
Special Facility Revenue Bonds, Series 2018, due in varying amounts to July 1, 2028 (includes terms bonds at 3.4%) Metropolitan Nashville Airport Authority:	2.25 - 6.19%	\$ 27,358,295
Deferred premium (discount) Convention Center Authority Revenue Bonds, 2010A-1		24,158,916
due in varying amounts to July 1, 2026 Convention Center Authority Revenue Bonds, 2010A-2	3.35 - 5.00%	41,520,000
due in varying amounts to July 1, 2043 Convention Center Authority Revenue Bonds, 2010B	7.431%	152,395,000
due in varying amounts to July 1, 2043 Convention Center Authority:	4.862 - 6.731%	407,900,000
Deferred premium (discount)		 643,957
Total revenue bonds payable - proprietary types		 1,539,511,168
Notes payable: Metropolitan Development and Housing Agency		162 260 250
Metropolitan Nashville Airport Authority		 163,369,258 16,361,647
Total notes payable - proprietary types		 179,730,905
Total revenue bonds and notes payable		 1,851,568,030
Other liabilities payable:		
Sports Authority:		
Other liabilities		18,478,262
Hospital Authority: Capitalized lease obligation		21,285,050
Net pension liability		1,779,101
Metropolitan Development and Housing Agency:		1,779,101
Other liabilities		1,865,001
Electric Power Board:		,,
TVA advances		1,362,000
Other		6,978,000
Net pension liability		194,620,000
Net OPEB liability		207,517,000
Metropolitan Transit Authority:		0.557.470
Advance lease receipts Refundable grants		8,557,462
Net pension liability		1,131,959 15.207.913
Net OPEB liability		62,759,296
Metropolitan Nashville Airport Authority:		02,737,270
Fair value of derivative financial instruments		118.789
Unearned income		1,831,630
Net OPEB liability		10,795,289
Convention Center Authority:		
Net pension liability		 380,133
Total other liabilities payable - proprietary types		 554,666,885
Total bonds, notes and other liabilities payable - component units		\$ 2,406,234,915

The bonds, notes and other liabilities of the component units are classified in the Statement of Net Position as follows:

Liabilities payable from restricted assets:

Current portion of long-term liabilities	\$ 62,336,000
Noncurrent liabilities:	
Due within one year	15,614,334
Due in more than one year	 2,328,284,581
Total component units long-term liabilities	\$ 2,406,234,915

### C. Collateral for Obligations of the Component Units

### Sports Authority

The Public Improvement Revenue Refunding Bonds, Series 2004, are limited obligations of the Sports Authority payable solely from the revenues and receipts pledged to the payment of these bonds and secured by the non-tax revenues of the General Fund of the Government. Neither the faith and credit of the Sports Authority nor the faith and credit or the taxing power of the Government is pledged to the payment of the principal or interest on the bonds.

### D. Description of Bonds

### **Sports Authority**

On December 19, 2013, the Sports Authority issued \$53,760,000 Public Improvement Revenue Bonds (Ballpark), Series 2013A, maturing on August 1, 2043, with interest rates ranging from 3.00% to 5.25%, and \$11,240,000 Public Improvement Revenue Bonds (Ballpark), Series 2013B (Federally Taxable), maturing on August 1, 2043, with interest rates ranging from 1.25% to 5.625%. The proceeds of the 2013A and 2013B Ballpark Bonds were used to pay costs to acquire land and construct a minor league baseball park and related public improvements, capitalized interest, and costs related to issuance. The net proceeds of the 2013A and 2013B Ballpark Bonds totaled \$66,397,938 (net of underwriting fees) and were deposited with the Sports Authority.

In conjunction with the issuance of the Series 2013 Ballpark Bonds, the Sports Authority entered into a loan and security agreement with the Metropolitan Development and Housing Agency (the Agency) whereby a tax increment revenue note was issued by the Agency to the Sports Authority in exchange for the loan of \$28,000,000 to the Agency from the Tax Increment Financing (TIF) Loan Account of the Construction Fund. The loan dated December 19, 2013, maturing July 1, 2043, with interest at a fixed rate of 4.55% per annum, was used to pay for certain TIF eligible expenses for the redevelopment project. Collateral for this loan is ninety-five percent (95%) of all ad valorem real property tax increment revenues for specific projects in the vicinity of the Ballpark and the ballpark development.

In addition to the aforementioned TIF payments from the Agency, state and local sales tax revenues generated at the ballpark, ballpark lease payments and – to the extent the foregoing revenues are insufficient – non-tax revenues collected in the General Fund of the Urban Services District of the Government are pledged for the payment of principal and interest on the Series 2013 Ballpark Bonds.

### E. Conduit Debt Obligations

### **Industrial Development Board**

The Government, through the Industrial Development Board, has issued Industrial Revenue Bonds to provide financial assistance to private sector entities for the acquisition and construction of facilities deemed to be in the public interest. The bonds are secured by the property financed and are payable solely from payments received on the underlying mortgage loans. Upon repayment of the bonds, ownership of the acquired facilities transfers to the private sector entities served by the bond issuances. Neither the Government nor any political subdivision thereof is obligated in any manner for repayment of the bonds. Accordingly, the bonds are not reported as liabilities of the Government.

The aggregate principal amount as of June 30, 2018 for the Industrial Revenue Bonds issued after April 1, 1996 was approximately \$665,613,789. The aggregate principal amount payable for the Industrial Revenue Bonds issued prior to April 1, 1996 could not be determined; however, their original issue amount totaled \$1,414,846,369.

### Health and Educational Facilities Board

The Health and Educational Facilities Board of The Metropolitan Government of Nashville and Davidson County, Tennessee, (The Board) is a public, non-profit corporation and instrumentality of the Government organized in 1974 pursuant to Chapter 101, Part 3, Title 48 of the TCA as amended (the Act). The Board is not considered to be part of the Government's reporting entity. The Act empowers the Board, among other things, to acquire and furnish property suitable for use by educational institutions, hospital institutions, or multifamily housing facilities in connection with their operations, and to loan to such entities the proceeds from the sale of its bonds to finance such security for the payment of the principal and interest on bonds issued. The Government is not liable for the payment of the principal or any interest on any of the revenue bonds of the Board. Accordingly, the revenue bonds of the Board are not reported as liabilities of the Government.

The aggregate principal amount of revenue bonds issued by the Board on or after April 1, 1996 totals approximately \$6,145,853,965. The aggregate principal amount of revenue bonds which were issued by the Board and were still outstanding as of April 1, 1996 could not be determined; however, the total aggregate principal amount of revenue bonds issued by the Board prior to April 1, 1996 was \$1,367,025,500.

### F. Other Matters

### **Sports Authority**

The Authority has a \$10,000,000 revolving credit line with First Tennessee Bank (Bank) for the purpose of financing capital improvements at the Bridgestone Arena. Interest is calculated monthly at a variable rate as set forth in the loan agreement based on the outstanding principal balance of the loan. The monthly interest is payable from capital improvement fees received by the Metropolitan Government, and any excess monthly revenues over the interest due are paid against the outstanding principal balance. The loan expires December 31, 2020 at which time the principal outstanding balance and any interest will be due to the Bank. Furthermore, the loan may be extended one or more times to a subsequent date or dates at the discretion of the Bank. As a condition of lending, the loan agreement requires the Metropolitan Government provide a line of credit loan (Metro loan) of \$2,000,000 to the Authority. Upon the occurrence of any event of default, the Bank may require that the Authority draw the full amount of the Metro loan and pay those proceeds to the Bank to be applied against the Bank loan. The total outstanding bank loan balance as of June 30, 2018 is \$6,107,093.

The Authority has a \$15,000,000 non-revolving credit line with Pinnacle Bank (Administrative Agent), First Tennessee Bank and Fifth Third Bank for the purpose of financing capital improvements at the Nissan Stadium. The loan dated October 19, 2015 matures on October 1, 2027. Interest is due quarterly at a variable rate as set forth in the loan agreement based on the outstanding principal balance of the loan. Conditions of lending include that the Authority expend at least \$1,100,000 of its own funds toward project costs; set aside a cash reserve of \$1,900,000 held by the Authority from previously issued bonds Series 2012A, Series 2013B and Series 2014; and maintain a minimum balance of \$1,000,000 in the revenue fund held by the Administrative Agent. Pledged revenues include ticket tax collections (excluding that which is allocated to prior bonds Series 2012A as specified in the agreement) and CMA Fest revenues. Collected revenues are remitted monthly by the Metropolitan Government to the revenue account held by Pinnacle Bank. Remittances are applied toward principal; quarterly the Administrative Agent transfers the amount due for accrued interest. The total outstanding balance as of June 30, 2018 is \$12,358,405.

### G. Annual Debt Service Requirements

The annual principal maturities of all bonds and notes payable as of June 30, 2018 for the component units are as follows:

Year Ending	Revenue Bonds and Notes Payable				
June 30		Principal		Interest	
2019	\$	75,220,403	\$	98,147,802	
2020		90,089,232		87,325,931	
2021		69,070,387		83,963,753	
2022		71,898,871		80,599,461	
2023		75,015,825		77,042,444	
2024-2028		353,003,701		333,164,291	
2029-2033		306,777,069		247,577,420	
2034-2038		293,851,493		161,201,872	
2039-2043		331,984,502		81,696,474	
2044-2048		62,055,773		3,757,108	
2049-2053		11,182,110		928,764	
2054-2058		5,421,392		174,345	
Total		1,745,570,758		1,255,579,665	
Deferred charges		105,997,272		<u>-</u>	
Total	\$	1,851,568,030	\$	1,255,579,665	

Deferred amounts for the Electric Power Board are netted with principal.

### H. Additional Information

Additional information regarding the bonds, notes and other obligations of the component units can be found in their separately issued financial statements.

### **NOTE 7 – PENSION PLANS**

The Government has the following single-employer pension plans:

<u>Name</u>	<u>l ype</u>	<u>Status</u>	Administering Fund
Primary Government			
Fiduciary Fund Types:			
County	Defined Benefit	Closed 1963	Davidson County Employees' Retirement
Metro - Division A	Defined Benefit	Closed 1995	Metropolitan Employees Benefit Trust
Metro - Division B	Defined Benefit	Open	Metropolitan Employees Benefit Trust
County Education	Defined Benefit	Closed 1963	Employees' Pension and Insurance

Metro Education Defined Benefit Closed 1969 Teachers' Retirement Plan
City Defined Benefit Closed 1963 Closed City Plan

City Education Defined Benefit Closed 1963 Teachers' Civil Service and Pension

The City, County, Metro Education, City Education, and County Education plans are participants in the Guaranteed Payment Program (GPP), an umbrella program created by the Metropolitan Council to ensure actuarially sound funding for the five closed plans. Under the GPP, unfunded liabilities of the aggregate program are amortized over a period of no more than thirty years. Contributions on behalf of the five individual plans move to a payment account from which distributions are paid to the constituent plans of the GPP as necessary to satisfy current benefit needs and to satisfy long-term funding objectives of the GPP.

No separate financial reports are issued for these plans.

The Government also participates in cost-sharing, multiple-employer plans administered by the Tennessee Consolidated Retirement System (TCRS).

### Component Units

Sports Authority, Hospital Authority, and Convention Center Authority	Included in primary government plans (1)		
Hospital Authority	Defined Contribution	Open	N/A
Convention Center Authority	Defined Contribution	Open	N/A
Metropolitan Development and Housing Agency	Defined Contribution	Open	N/A
Electric Power Board	Defined Benefit	Open	N/A
Metropolitan Transit Authority	Defined Benefit	Open	N/A
Metropolitan Nashville Airport Authority	Defined Benefit	Closed	N/A
Metropolitan Nashville Airport Authority	Defined Contribution	Open	N/A

<sup>(1)</sup> Employees of the Sports Authority are eligible to participate in the plans of the Government. Employees of Hospital Authority and Convention Center Authority hired before certain dates are eligible to participate in the plans of the Government. Employees hired subsequent to those dates are only eligible to participate in the plans administered by those Authorities. The allocation of the primary government plans to the component units is not material for disclosure.

The Metropolitan Transit Authority guarantees the plan sponsored by the Davidson Transit Organization (DTO), which provides Metropolitan Transit Authority labor.

Additional information regarding the pension plans of the component units can be found in their separately issued financial statements.

### Plans Administered by the Government

### A. Summary of Significant Accounting Policies

### Measurement Focus, Basis of Account and Financial Statement Presentation

The pension funds are reported using the accrual basis of accounting. Employer and employee contributions are recognized in the period due. Benefits and refunds are recognized when due and payable in accordance with the terms of the plans. The net pension liability (asset) is reported in the applicable governmental and business-type activities in the Statements of Net Position and Activities.

### Method Used to Value Investments

Investments are reported at fair value. Securities traded on national or international exchanges are valued at the last reported sales price at current exchange rates. Real estate plan assets are reported at fair value utilizing an income approach to valuation. An independent appraisal is obtained once every year to determine the fair market value of the real estate assets. Accounts receivable include amounts due from investment brokers for pending trades.

### **B. Plan Descriptions**

#### Plan Administration

All plans of the primary government were established or continue under the authority of the Metropolitan Charter, Article XIII, effective April 1, 1963. Approval of the Metropolitan Council is required to establish and amend benefit provisions. Article XIII also requires that all pension plans be actuarially sound. Administrative costs of the plans are financed through plan assets. The plans are managed and administered by the Metropolitan Employee Benefit Board (the Board), an independent board created by the Metropolitan Charter. The Board is composed of ten members, as follows: Finance Director, Human Resources Director, three members appointed by the Mayor, and five members selected by employees and retirees of the Metropolitan Government.

### Plan Membership

Plan membership is summarized on the Selected Pension Information Schedules on pages B-78 to B-79.

### **Benefits Provided**

### Metro Plan

### Division A

This plan (The Metropolitan Employees' Benefit Trust Fund) was established at the inception of the Government on April 1, 1963 and implemented on November 4, 1964. At that time, all employees of the former city and county governments were given the option of continuing as participants of the pension plans of those organizations or transferring to the Metro Plan. Division A of the Metro Plan was closed to new members on July 1, 1995.

Normal retirement for employees other than police officers and fire fighters occurs at age 65 and entitles employees to a lifetime monthly benefit of 1/12 of the sum of 1% of average base earnings, as defined by the Social Security Administration, plus 1.75% of average excess earnings as defined in the Plan, multiplied by the years of credited service, plus cost-of-living adjustments. Average earnings are the average earnings for the last 60 consecutive months in which earnings were highest. Benefits fully vest on completing 10 years of service.

Normal retirement for police officers and fire fighters occurs upon reaching age 55 and completing 20 years of service. The lifetime monthly benefit is calculated as 1/12 of the sum of 2% of average earnings up to 25 years of credited service plus 1.75% of average earnings for all years of credited service in excess of 25, reduced by the amount of primary social security benefits at age 65 and increased by cost-of-living adjustments. In no event shall police and fire pensions be less than that due to employees who are not policemen or firemen. Benefits fully vest on completing 10 years of service.

Any employee who terminates after the completion of at least 10 years of service and before eligibility for normal retirement shall be eligible to receive a monthly deferred pension which shall commence on the first day of the month following the attainment of age 65, computed and payable in accordance with the Metro Plan.

### Division B

As of July 1, 1995, Division B of the Metro Plan was established for all non-certificated employees of the Metropolitan Nashville Public Schools and all other Government employees. Employees with an effective hire date of July 1, 1995 or later are only eligible to participate in Division B of the Metro Plan. Also, Government employees as of June 30, 1995 who were qualified members of Division A were given the option to transfer to Division B as of January 1, 1996, subject to written application approved by the Benefit Board. Substantially all employees transferred to Division B of the Metro Plan.

Normal retirement for employees other than police officers and fire fighters occurs at the unreduced retirement age which is the earlier of (a) the date when the employee's age plus the completed years of credited employee service equals 85, but not before age 60; or (b) the date when the employee reaches age 65 and completes 5 years of credited employee service. The lifetime monthly benefit is calculated as 1/12 of the sum of 1.75% of average earnings based upon the previous 60 consecutive months of credited service which produce the highest earnings. Benefits fully vest on completing 5 years of service for employees employee employees employees on or between October 1, 2001 and December 31, 2012 who vest before leaving employment. Benefits fully vest on completing 10 years of service for employees and non-vested employees hired or rehired on or after January 1, 2013.

Normal retirement for police officers and fire fighters occurs any time after attaining the unreduced retirement age which is the date when the employee's age plus the completed years of credited police and fire service equals 75, but not before age 53 nor after age 60. The lifetime monthly benefit is 1/12 of the sum of 2% of average earnings for each year of credited fire and police service not in excess of 25 years; plus 1.75% of average earnings for each year that the credited police or fire service exceeds 25 years. Benefits fully vest on completing 5 years of service for employees employed on or between October 1, 2001 and December 31, 2012 who vest before leaving employment. Benefits fully vest on completing 10 years of service for employees and non-vested employees hired or rehired on or after January 1, 2013.

An early retirement pension is available for retired employees if the termination occurs prior to the eligibility under normal retirement but after age 50 (45 for police and fire) and after the completion of 10 years of credited employee service. Such shall be payable as either a monthly deferred early employee service pension beginning the month after the attainment of the normal retirement age or an immediate monthly early employee service pension beginning on the first day of the month following termination. The lifetime monthly benefit for the immediate monthly early employee service pension is reduced by 4% for each of the first 5 years by which the retirement date precedes the normal retirement age, and by 8% for each additional year by which the retirement date precedes the normal retirement age; provided, however, that the immediate monthly benefit shall not be less than the actuarial equivalent of the deferred pension provided by the Metro Plan.

Any employee who terminates after the completion of at least 10 years of service (or 5 years of service if hired before January 1, 2013) and before eligibility for normal retirement or early retirement shall be eligible to receive a monthly deferred pension which shall commence on the first day of the month following the attainment of unreduced retirement age, computed and payable in accordance with the Metro Plan.

Any employee with unused sick leave time at service retirement shall receive 100% credit for the time, subject to an affirmative election at the time of retirement.

Any employee who terminates and is rehired is eligible to reconnect prior service after being regularly employed continuously for one year.

Dependent children of vested employees are eligible for a survivor benefit if the employee should die leaving no surviving spouse.

All assets of the Metropolitan Employees' Benefit Trust Fund may legally be used to pay benefits to any plan members or beneficiaries, regardless of whether the members participate in Division A or Division B of the Metro Plan.

### City Plan

This plan (the Closed City Plan Fund) covers certain employees of the former city of Nashville who have elected to remain under this plan and not transfer to the Metro Plan. This plan was closed to new members on April 1, 1963. Normal retirement for police officers and fire fighters occurs upon completing 25 years of service; for other participants, age 60 must be reached in addition to completing 25 years of service. The monthly lifetime benefit of all participants is 50% of the final monthly salary. All participants in the City Plan are fully vested.

# County Plan

This plan (the Davidson County Employees' Retirement Fund) covers employees of the former government of Davidson County who have elected to remain under this plan and not transfer to the Metro Plan. This plan was closed to new members on April 1, 1963.

Participants elected coverage under Division A or B. Normal retirement under Division A occurs at age 65; lifetime monthly benefits are the years of credited service multiplied by 0.75% of defined average base earnings per month plus 1.5% of average excess earnings as defined in the Plan per month. Average earnings are the average earnings for the 10 full consecutive calendar years in which earnings were highest. Normal retirement under Division B occurs after 30 years of service or after 24 years of service and reaching age 60; lifetime monthly benefits are 1/12 of 50% of the highest calendar year earnings. All participants in the County Plan are fully vested.

### Metro Education Plan

This plan (the Teachers' Retirement Plan Fund) covers participants who elected to transfer from the City Education Plan and County Education Plan and professional employees of Metropolitan Nashville Public Schools hired between April 1, 1963 and July 1, 1969. Normal retirement occurs upon reaching age 60 with 20 years of service, completing 25 years of service, or reaching age 65. The lifetime monthly benefit is determined as 1/12 of 2% of the highest average earnings multiplied by the years of service, plus cost-of-living adjustments. Highest average earnings are the average earnings for the 36 consecutive months in which earnings were highest. All participants in the Metro Education Plan are fully vested.

After July 1, 1969 professional employees hired became members of the State Employees, Teachers, and Higher Education Employees Pension Plan, a cost-sharing multiple employer defined benefit pension plan administered by the Tennessee Consolidated Retirement System (TCRS) that provides retirement, death, and disability benefits.

#### City Education Plan

This plan (the Teachers' Civil Service and Pension Fund) covers employees who were teachers of the former City of Nashville who elected to remain under this plan and not transfer to the Metro Education Plan. This plan was closed to new members on April 1, 1963.

Normal retirement occurs upon reaching age 60 and completing 15 years of service, or completing 25 years of service before reaching age 60. With 15 years of service, the lifetime monthly benefit is 1/12 of 2.5% of the highest annual salary multiplied by the years of service up to 24. With 25 years of service, the lifetime monthly benefit is 1/12 of 2% of the highest annual salary multiplied by the years of service up to 30. Benefits are adjusted for cost-of-living increases. All participants in the City Education Plan are fully vested.

### County Education Plan

This plan (the Employees' Pension and Insurance Fund) covers teachers and classified employees of the former Davidson County Board of Education who have elected to remain under this plan and not transfer to the Metro Education Plan. This plan was closed to new members on April 1, 1963.

Normal retirement occurs upon reaching age 60 and completing 15 years of service, or completing 25 years of service before reaching age 60. With 15 years of service, the lifetime monthly benefit is 1/12 of 2.5% of the highest annual salary multiplied by the years of service up to 24. With 25 years of service, the lifetime monthly benefit is 1/12 of 2% of the highest annual salary multiplied by the years of service up to 30. Benefits are adjusted for cost-of-living increases. All participants in the County Education Plan are fully vested.

### **Contributions**

### Metro Plan

The funding policy is to provide for periodic contributions at actuarially determined rates that are designed to accumulate sufficient assets to pay benefits when due. All other funding is provided by the Government with an actuarially recommended employer contribution rate of 12.340% for the non-certificated employees of Metropolitan Nashville Public Schools and all other Metro employees.

### City Plan

Funding is on a pay-as-you-go basis whereby contributions are made in amounts sufficient to cover benefits paid during the year.

# County Plan

Funding is on a pay-as-you-go basis whereby contributions are made in amounts sufficient to cover benefits paid during the year.

### Metro Education Plan

The Metro Education Plan is financed by contributions from Metropolitan Nashville Public Schools, participating employees and the State of Tennessee. Employees contribute a specified percentage of their earnings, the State of Tennessee contributes an amount to reimburse current benefits paid equivalent to the benefits which would have been earned under the Tennessee Consolidated Retirement System (TCRS) and Metropolitan Nashville Public Schools contributes an additional amount to provide for periodic contributions as actuarially determined to accumulate sufficient assets to pay benefits when due.

### City Education Plan

The plan is financed by contributions from the Government, participating employees and the State of Tennessee. Employees contribute a specified percentage of their earnings, the State of Tennessee contributes an amount to reimburse current benefits paid equivalent to the benefits which would have been earned under TCRS and the Government contributes an additional amount to cover current benefits (pay-as-you-go).

### County Education Plan

The plan is financed by contributions from the Government, participating employees and the State of Tennessee. Employees contribute a specified percentage of their earnings, the State of Tennessee contributes an amount to reimburse current benefits paid equivalent to the benefits which would have been earned under TCRS and the Government contributes an additional amount to cover current benefits (pay-as-you-qo).

### C. Investments

### **Investment Policy**

The investments of the Metro Plan and Metro Education Plans are administered in accordance with the Statement of Investment Policy of the Government's Employee Benefit System. The Investment Committee of the Government's Employee Benefit System has been given the authority under Section 13.04 of the Metropolitan Charter to regulate and determine all matters dealing with the investments of the Plans.

The policy emphasizes a long-term investment strategy. Short-term fluctuations in the market value of the portfolio should not influence the investment structure under normal circumstances. The policy outlines asset allocation targets as follows:

Asset Class	Target
Domestic Equity	17.00 %
International Equity	16.00
Equity Hedge	7.00
Fixed Income	21.00
Fixed Income Alternatives	15.00
Real Assets	12.00
Private Equity	12.00
Total All Asset Classes	100.00 %

The investment policy was revised in the current year to adjust the target asset allocation as noted on the table above.

### **Concentrations**

There are no individual investments in the Metro Plan or the Metro Education Plan that exceed 5% of plan assets at June 30, 2018.

### Rate of Return

For the year ended June 30, 2018, the annual money-weighted rate of return on investments of the Metro Plan and Metro Education Plan, net of investment expense, was 6.79%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

### D. Net Pension Liability

# **Actuarial Assumptions**

The total pension liability was determined by an actuarial valuation as of July 1, 2017. Actuarial assumptions are summarized on the Selected Pension Information Schedules on pages B-78 to B-79.

Mortality rates were based on the 115% RP-2014 Blue Collar Table and the 130% RP-2014 Disabled Mortality, as determined by the periodic actuarial experience study.

The actuarial assumptions used in the July 1, 2017 valuations were based on the results of an actuarial experience study for the period 2012 to 2017.

The long-term expected rate of return on pension 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 pension plan investment expense and inflation) are developed for each major asset class from historical returns and consensus expectations of future returns. 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 Plans' target asset allocation are summarized in the following table:

Asset Class	Long-Term Historical Real Rate of Return	Long-Term Expected Real Rate of Return
Domestic Equity	7.10 %	5.10 %
International Equity	10.00	5.30
Equity Hedge	6.40	7.90
Fixed Income	3.40	2.30
Fixed Income Alternatives	3.40	2.70
Real Assets	2.30	4.90
Private Equity	7.10	7.90

### Discount Rate

The discount rate used to measure the total pension liability was 7.25%. Based on the Plan assumptions and funding policy, the fiduciary net position for each Plan was projected to be available to make all projected future benefit payments to current members. Therefore, the long-term expected rate of return on investments was applied to all periods of projected benefit payments to determine the total pension liability (asset).

### Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability, calculated using the discount rate of 7.25%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate:

Plan	 1% Decrease (6.25%)	Current Discount Rate (7.25%)	_	1% Increase (8.25%)
County	\$ 6,197,204	\$ 5,942,121	\$	5,694,942
Metro	450,048,539	81,607,959		(250,062,516)
County Education	20,399,294	19,479,165		18,636,247
Metro Education	72,494,548	65,572,138		59,381,024
City	31,336,606	30,009,484		28,725,063
City Education	 9,527,626	 9,125,373		8,753,868
Total net pension liability (asset)	\$ 590,003,817	\$ 211,736,240	\$	(128,871,372)

# **E. Pension Expense**

For the year ended June 30, 2018, the Government recognized pension expense for each of the plans as follows:

	Pei	Pension Expense				
County	\$	428,759				
Metro		100,316,829				
County Education		1,880,192				
Metro Education		14,253,366				
City		2,118,866				
City Education		2,286,152				
Total pension expense	\$	121,284,164				

Pension expense is comprised of various elements including service cost, interest, changes in benefit terms, investment experience, and the amortization of deferred outflows and inflows of resources, which are all factors used by the actuaries in the calculation of the net pension liability (asset).

# F. Special Funding Situations

The County Education, Metro Education, and City Education Plans are funded by the State of Tennessee as well as the Government. The determination of proportionate shares has been made in a manner consistent with the actual provision of benefits by each contributor.

		unty Education Plan		Metro Education Plan	า	City Education Plan		
Employer's proportionate share		71.64	%	46.74	%		71.08	%
Collective pension expense	\$	1,880,192		\$ 14,253,366		\$	2,286,152	
Support of State of Tennessee		(533,222)		(7,591,343)			(661,155)	
Collective net pension liability		27,190,695		140,291,980			12,837,561	
Proportionate share of net pension liability		19,479,165		65,572,138			9,125,373	
Proportionate share of deferred outflows of resources		95,027		1,437,989			75,107	
Proportionate share of deferred inflows of resources		-		(833,492)			-	

### **G.** Additional Pension Information

Additional information regarding the changes in the net pension liability and deferred outflows of resources and deferred inflows of resources related to pensions for the plans of the primary government is summarized on the Selected Pension Information Schedules on pages B-80 to B-83.

The significant actuarial assumptions underlying the plans of the primary government and plan membership are summarized on the Selected Pension Information Schedules on pages B-78 to B-79. The assumptions used to calculate the actuarially determined contribution requirements are the same as those used to compute the net pension liability except where indicated.

# SELECTED PENSION INFORMATION

	County Metro		County Education
	,		
ACTUARIAL VALUATION INFORMATION			
Valuation date	July 1, 2017	July 1, 2017	July 1, 2017
Measurement date	June 30, 2018	June 30, 2018	June 30, 2018
Actuarial cost method	entry age normal	entry age normal	entry age normal
Amortization method	level dollar open	level dollar closed	level dollar open
Amortization period	8 years	30 years	8 years
Asset valuation method	market	5 year smoothed market	market
Actuarial assumptions:			
Investment rate of return*	7.25%	7.25%	7.25%
Projected salary increases*	N/A	4.00%	N/A
Inflation	2.50%	2.50%	2.60%
Postretirement benefit increase adjustments	2.50%	2.50% Division A 1.25% Division B	3.00%
* Includes inflation			
PLAN MEMBERSHIP			
Active:			
Fully vested	-	7,691	-
Non-vested and partially vested	<u>-</u>	3,644	-
Total active	-	11,335	-
Retirees and beneficiaries receiving benefits	65	8,806	165
Terminated vested	-	3,119	-
Total	65	23,260	165

# SELECTED PENSION INFORMATION

Metro	C:t-v	City
Education	City	Education
July 1, 2017	July 1, 2017	July 1, 2017
June 30, 2018	June 30, 2018	June 30, 2018
entry age normal	entry age normal	entry age normal
level dollar closed	level dollar open	level dollar open
30 years	8 years	7 years
5 year smoothed market	market	market
7.25%	7.25%	7.25%
N/A	N/A	N/A
2.60%	2.50%	2.60%
3.00%	2.50%	3.00%
<u> </u>	<u> </u>	- -
-	-	-
901 1	333	90
902	333	90

### SELECTED PENSION INFORMATION

# CHANGES IN THE NET PENSION LIABILITY FOR THE YEAR ENDED JUNE 30, 2018

	Total Pension Liability (a)		Plan Fiduciary Net Position (b)			Net Pension Liability (a) - (b)		
County Plan (Closed)			-		•			
Balance at June 30, 2017	\$	6,611,665	\$	-		\$	6,611,665	
Changes for the year:								
Interest		438,808		-			438,808	
Difference between expected and actual experience		(352,447)		-			(352,447)	
Changes in assumptions		342,520		4 000 400			342,520	
Contributions - employer Net investment income (loss)		-		1,098,462 (37)			(1,098,462) 37	
Benefit payments, including refunds of member contributions		(1,098,425)		(1,098,425)			-	
Net changes		(669,544)		(1,090,425)	-		(669,544)	
Balance at June 30, 2018	\$	5,942,121	\$		-	\$	5,942,121	
Plan fiduciary net position as a percentage of the total pension liability	Ψ	0,042,121	Ψ		%	Ψ	3,342,121	
				-	/0			
Metro Plan (Open)								
Balance at June 30, 2017	\$	3,009,103,042	\$	2,968,258,792		\$	40,844,250	
Changes for the year: Service cost		E4 404 770					E4 404 770	
Interest		51,181,779 221,805,983		-			51,181,779 221,805,983	
Difference between expected and actual experience		(21,739,996)		-			(21,739,996)	
Changes in assumptions		103,946,322		_			103,946,322	
Contributions - employer		-		76,539,373			(76,539,373)	
Contributions - members		_		79,136			(79,136)	
Transfers in		=		316,543			(316,543)	
Net investment income		-		242,164,720			(242,164,720)	
Benefit payments, including refunds of member contributions		(166, 196, 565)		(166, 196, 565)			-	
Adminstrative expenses		79,136		(4,590,257)	_		4,669,393	
Net changes		189,076,659		148,312,950	_		40,763,709	
Balance at June 30, 2018	\$	3,198,179,701	\$	3,116,571,742	_	\$	81,607,959	
Plan fiduciary net position as a percentage of the total pension liability			<u>-</u> _	97.45	%			
County Education Plan (Closed)								
Balance at June 30, 2017	\$	31,677,073	\$	1,172,919		\$	30,504,154	
Changes for the year:								
Interest		2,094,216		-			2,094,216	
Difference between expected and actual experience		(526,214)		-			(526,214)	
Changes in assumptions		349,762		2,932,320			349,762	
Contributions - employer Contributions - State of Tennessee		=		2,932,320			(2,932,320) (2,286,856)	
Net investment income		- -		12,047			(12,047)	
Benefit payments, including refunds of member contributions		(5,229,770)		(5,229,770)			(12,047)	
Net changes		(3,312,006)	-	1,453	-		(3,313,459)	
Balance at June 30, 2018	\$	28,365,067	\$	1,174,372	-	\$	27,190,695	
Plan fiduciary net position as a percentage of the total pension liability		20,000,007		4.14	%		2.,.55,550	
Proportionate share of collective net pension liability:								
Employer						\$	19,479,165	
State of Tennessee							7,711,530	

# SELECTED PENSION INFORMATION

# CHANGES IN THE NET PENSION LIABILITY FOR THE YEAR ENDED JUNE 30, 2018

	Total Pension Liability (a)		Plan Fiduciary Net Position (b)		_		Net Pension ability (a) - (b)
Metro Education Plan (Closed)					='		
Balance at June 30, 2017 Changes for the year:	\$	249,760,555	\$	89,448,235		\$	160,312,320
Interest		17,166,802		=			17,166,802
Difference between expected and actual experience		(1,192,513)		-			(1,192,513)
Changes in assumptions		3,758,964		-			3,758,964
Contributions - employer Contributions - State of Tennessee		-		22,681,681 10,935,092			(22,681,681) (10,935,092)
Net investment income		-		6,156,974			(6,156,974)
Benefit payments, including refunds of member contributions Adminstrative expenses		(31,087,074)		(31,087,074) (20,154)			20,154
Net changes		(11,353,821)		8,666,519	-		(20,020,340)
Balance at June 30, 2018	\$	238,406,734	\$	98,114,754	-	\$	140,291,980
Plan fiduciary net position as a percentage of the total pension liability	Ψ	200,400,704	Ψ	41.15	<del>-</del> %	Ψ	140,201,000
Proportionate share of collective net pension liability:				41.13	70	æ	CE E70 100
Employer State of Tennessee						\$	65,572,138 74,719,842
City Plan (Closed)							
Balance at June 30, 2017	\$	33,355,956	\$	-		\$	33,355,956
Changes for the year:							
Interest		2,213,373		=			2,213,373
Difference between expected and actual experience		(2,051,468)		-			(2,051,468)
Changes in assumptions		1,957,960		-			1,957,960
Contributions - employer		-		5,466,526			(5,466,526)
Net investment income (loss)		-		(189)			189
Benefit payments, including refunds of member contributions		(5,466,337)		(5,466,337)			-
Net changes		(3,346,472)	<u> </u>	-	_'		(3,346,472)
Balance at June 30, 2018	\$	30,009,484	\$	-	-	\$	30,009,484
Plan fiduciary net position as a percentage of the total pension liability				-	%		
City Education Plan (Closed)							
Balance at June 30, 2017	\$	14,320,920	\$	920,749		\$	13,400,171
Changes for the year:							
Interest		1,027,350		-			1,027,350
Difference between expected and actual experience		1,129,389		-			1,129,389
Changes in assumptions		158,057		4 007 400			158,057
Contributions - employer		-		1,307,430			(1,307,430)
Contributions - State of Tennessee		-		1,560,512			(1,560,512)
Net investment income		(0.070.000)		9,464			(9,464)
Benefit payments, including refunds of member contributions		(2,876,029)		(2,876,029)	=		(500.010)
Net changes		(561,233)		1,377	-		(562,610)
Balance at June 30, 2018	\$	13,759,687	\$	922,126	=	\$	12,837,561
Plan fiduciary net position as a percentage of the total pension liability Proportionate share of collective net pension liability:				6.70	%		
Employer						\$	9,125,373
State of Tennessee						Ψ	3,712,188
							=, <b>=</b> ,

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### SELECTED PENSION INFORMATION

# DEFERRED OUTFLOWS OF RESOURCES AND DEFERRED INFLOWS OF RESOURCES RELATED TO PENSIONS

	Deferred Outflows of Resources	Deferred Inflows of Resources		
County Plan		'	_	
Net difference between projected and actual earnings on				
pension plan investments	\$ -	\$	(220)	
Balance at June 30, 2018	\$ -	\$	(220)	

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year ended June 30,		
2019	\$ (121)	
2020	(121)	
2021	16	
2022	6	
Metro Plan		
Changes of assumptions	\$ 90,953,032	\$ -
Difference between expected and actual experience	-	(72,484,341)
Net difference between projected and actual earnings on		
pension plan investments	-	(97,787,171)
Balance at June 30, 2018	\$ 90,953,032	\$ (170,271,512)

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year ended June 30,		
2019	\$ (8,255,406)	
2020	(21,779,592)	
2021	(58,996,276)	
2022	(16,674,828)	
2023	6,442,330	
Thereafter	19,945,292	
County Education Plan		
Net difference between projected and actual earnings on		
pension plan investments	\$ 95,027	\$ -

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year ended June 30,	
2019	\$ 33,728
2020	29,725
2021	21,170
2022	10,404

Balance at June 30, 2018

95,027

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### SELECTED PENSION INFORMATION

# DEFERRED OUTFLOWS OF RESOURCES AND DEFERRED INFLOWS OF RESOURCES RELATED TO PENSIONS

INFLOWS OF RESOURCES RELATED TO PENSIONS					
	Deferred Outflows		Deferred Inflows		
	of I	Resources	of Resources		
Metro Education Plan					
Net difference between projected and actual earnings on					
pension plan investments	\$	604,497	\$	-	
Balance at June 30, 2018	\$	604,497	\$	-	
Amounts reported as deferred outflows of resources and deferred inflow recognized as pension expense as follows:	s of resour	ces related to pe	nsions will b	e	
Year ended June 30,					
2019	\$	502,887			
2020	Ψ	301,106			
2021		(238,663)			
2022		39,167			
2022		39,107			
City Plan					
Net difference between projected and actual earnings on					
pension plan investments	\$	_	\$	(1,870)	
Balance at June 30, 2018	\$		\$	(1,870)	
244.100 4.04.10 00, 2010	<u> </u>		<del>*</del>	(1,010)	
Amounts reported as deferred outflows of resources and deferred inflow recognized as pension expense as follows:	s of resour	ces related to pe	nsions will b	e	
Year ended June 30,					
2019	\$	(992)			
2020		(991)			
2021		73			
2022		40			
City Education Plan					
<del></del>					
Net difference between projected and actual earnings on					
pension plan investments	\$	75,107	\$	-	
D 1	_	75.407	_		

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year ended June 30,	
2019	\$ 26,881
2020	23,540
2021	16,583
2022	8,103

Balance at June 30, 2018

75,107

### Plans Administered by the Tennessee Consolidated Retirement System (TCRS)

### H. Summary of Significant Accounting Policies

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Teacher Legacy Pension Plan and Teacher Retirement Plan (TCRS Plans) in the TCRS and additions to/deductions from each of the TCRS Plan's fiduciary net position have been determined on the same basis as they are reported by the TCRS. For this purpose, benefits (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms of the TCRS Plans. Investments are reported at fair value.

### I. General Information about the Pension Plan

### Plan Description

Teachers of the Government with membership in the TCRS before July 1, 2014 of Davidson County Schools are provided with pensions through the Teacher Legacy Pension Plan, a cost sharing multiple-employer pension plan administered by the TCRS. The Teacher Legacy Pension Plan closed to new membership on June 30, 2014, but will continue providing benefits to existing members and retirees. Beginning July 1, 2014, the Teacher Retirement Plan became effective for teachers employed by Local Education Agencies (LEA's) after June 30, 2014. The Teacher Retirement Plan is a separate cost-sharing, multiple-employer defined benefit plan. The TCRS was created by state statute under Tennessee Code Annotated Title 8, Chapters 34-37. The TCRS Board of Trustees is responsible for the proper operation and administration of all employer pension plans in the TCRS. The Tennessee Treasury Department, an agency in the legislative branch of state government, administers the plans of the TCRS. The TCRS issues a publically available financial report that can be obtained at <a href="https://www.treasury.state.tn.us/tcrs">www.treasury.state.tn.us/tcrs</a>.

### Benefits Provided

Tennessee Code Annotated Title 8, Chapters 34-37 establishes the benefit terms and can be amended only by the Tennessee General Assembly.

Members of the Teacher Legacy Pension Plan are eligible to retire with an unreduced benefit at age 60 with 5 years of service credit or after 30 years of service credit regardless of age. Benefits are determined by a formula using the member's highest five consecutive year average compensation and the member's years of service credit. A reduced early retirement benefit is available at age 55 and vested. Members are vested with five years of service credit. Service related disability benefits are provided regardless of length of service. Five years of service is required for non-service related disability eligibility. The service related and non-service related disability benefits are determined in the same manner as a service retirement benefit but are reduced 10 percent and include projected service credits. A variety of death benefits are available under various eligibility criteria. Member and beneficiary annuitants are entitled to automatic cost of living adjustments (COLAs) after retirement. A COLA is granted each July for annuitants retired prior to the 2nd of July of the previous year. The COLA is based on the change in the consumer price index (CPI) during the prior calendar year, capped at 3 percent, and applied to the current benefit. No COLA is granted if the change in the CPI is less than one-half percent. A one percent COLA is granted if the CPI change is between one-half percent and one percent. A member who leaves employment may withdraw their employee contributions, plus any accumulated interest.

Members of the Teacher Retirement Plan are eligible to retire with an unreduced benefit at age 65 with 5 years of service credit or pursuant to the rule of 90 in which the member's age and service credit total 90. Benefits are determined by a formula using the member's highest five consecutive year average compensation and the member's years of service credit. A reduced early retirement benefit is available at age 60 and vested or pursuant to the rule of 80. Members are vested with five years of service credit. Service related disability benefits are provided regardless of length of service. Five years of service is required for non-service related disability eligibility. The service related and non-service related disability benefits are determined in the same manner as a service retirement benefit but are reduced 10 percent and include projected service credits. A variety of death benefits are available under various eligibility criteria. Member and beneficiary annuitants are entitled to automatic cost of living adjustments (COLAs) after retirement. A COLA is granted each July for annuitants retired prior to the 2nd of July of the previous year. The COLA is based on the change in the consumer price index (CPI) during the prior calendar year, capped at 3 percent, and applied to the current benefit. No COLA is granted if the change in the CPI is less than one-half percent. A one percent COLA is granted if the CPI change is between one-half percent and one percent. A member who leaves employment may withdraw their employee contributions, plus any accumulated interest. Under the Teacher Legacy Pension Plan and the Teacher Retirement Plan, benefit terms and conditions, including COLA, can be adjusted on a prospective basis. Moreover, there are defined cost controls and unfunded liability controls that provide for the adjustment of benefit terms and conditions on an automatic basis.

### **Contributions**

Contributions for teachers are established in the statutes governing the TCRS and may only be changed by the Tennessee General Assembly. Teachers contribute 5 percent of salary. The LEA's make employer contributions at the rate set by the Board of Trustees as determined by an actuarial valuation. By law, employer contributions for the TCRS Plans are required to be paid. The TCRS may intercept the state shared taxes of the sponsoring governmental entity of the LEA if the required employer contributions are not remitted. Employer contributions by Davidson County Schools for the year ended June 30, 2018 to the Teacher Legacy Pension Plan were \$25,370,355 which is 9.08% of covered payroll. Employer contributions for the year ended June 30, 2018 to the Teacher Retirement Plan were \$4,048,841 which is 4.77% of covered payroll. The employer rate, when combined with member contributions, is expected to finance the costs of benefits earned by members during the year, the cost of administration, as well as an amortized portion of any unfunded liability of the TCRS Plans.

### J. Pension Liability (Asset), Pension Expense, and Deferred Outflows and Deferred Inflows of Resources

### Pension Liability (Asset)

At June 30, 2018, the Government reported an asset of (\$2,664,452) for its proportionate share of net pension asset of the Teacher Legacy Pension Plan. The net pension asset was measured as of June 30, 2017, and the total pension asset used to calculate the net pension asset was determined by an actuarial valuation as of that date. The Government's proportion of the net pension asset was based on its employer contributions to the pension plan relative to the contributions of all LEA's. At the June 30, 2017 measurement date, the Government's proportion was 8.14%. The proportion measured as of June 30, 2016 was 8.30%.

At June 30, 2018, the Government reported an asset of (\$3,238,283) for its proportionate share of the net pension asset of Teacher Retirement Plan. The net pension asset was measured as of June 30, 2017, and the total pension asset used to calculate the net pension asset was determined by an actuarial value as of that date. The Government's proportion of the net pension asset was based on its employer contributions to the pension plan during the year ended June 30, 2017 relative to the contributions of all LEA's for the year ended June 30, 2017. At the June 30, 2017 measurement date, the Government's proportion was 12.27%. The proportion measured as of June 30, 2016 was 12.73%.

### Pension Income and Expense

For the year ended June 30, 2018, the Government recognized a (negative) pension expense of (\$1,148,797) in the Teacher Legacy Pension Plan.

For the year ended June 30, 2018, the Government recognized a pension expense of \$1,473,774 in the Teacher Retirement Plan.

### Deferred Outflows and Inflows of Resources

For the year ended June 30, 2018, the Government reported deferred outflows of resources and deferred inflows of resources related to pensions for the following sources:

	Deferred Outflows of Resources		 ferred Inflows f Resources	
Teacher Legacy Pension Plan			 	
Difference between expected and actual experience	\$	1,606,319	\$ 55,008,363	
Net difference between projected and actual				
earnings on pension plan investments		404,456	-	
Changes in assumptions		22,566,338	-	
Change in proportion of net pension liability (asset)		-	4,677,749	
Contributions subsequent to the measurement				
date of June 30, 2017		25,370,355	 <u>-</u>	
Total	\$	49,947,468	\$ 59,686,112	
Teacher Retirement Plan				
Difference between expected and actual experience	\$	113,490	\$ 243,544	
Net difference between projected and actual				
earnings on pension plan investments		-	174,247	
Changes in assumptions		284,498	-	
Change in proportion of net pension liability (asset)		78,918	-	
Contributions subsequent to the measurement				
date of June 30, 2017		4,048,841	-	
Total	\$	4,525,747	\$ 417,791	

The Government's employer contributions of \$25,370,355, reported as pension related deferred outflows of resources, made subsequent to the measurement date but before June 30, 2018, will be recognized as an increase in net pension asset in the year ended June 30, 2019 for the Teacher Legacy Pension Plan. The Government's employer contributions of \$4,048,841 reported as pension related deferred outflows of resources, made subsequent to the measurement date but before June 30, 2018, will be recognized as an increase in net pension asset in the year ended June 30, 2019 for the Teacher Retirement Plan. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

	Teacher Legacy Pension Plan		Teacher rement Plan
Year Ending June 30,			
2019	\$ (20,245,104)	\$	(10,520)
2020	7,012,722		(10,520)
2021	(8,046,247)		(20,499)
2022	(13,830,370)		(65,316)
2023	-		16,848
Thereafter	-		149,122

Positive amounts will increase pension expense, while negative amounts will decrease pension expense.

### **Actuarial Assumptions**

The total pension liability in the June 30, 2017 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation 2.5%

Salary increases Graded salary ranges from 8.75% to 3.45% based on age, including inflation, averaging

4.00%

Investment rate of return 7.25%, net of pension plan investment expenses, including inflation

Cost of living adjustment 2.25%

Mortality rates are customized based on the June 30, 2016 actuarial experience study and included some adjustment for expected future improvement in life expectancy.

The actuarial assumptions used in the June 30, 2017 actuarial valuation were based on the results of an actuarial experience study performed for the period July 1, 2012 through June 30, 2016. The demographic assumptions were adjusted to more closely reflect actual and expected future experience.

The long-term expected rate of return on pension plan investments was established by the TCRS Board of Trustees in conjunction with the June 30, 2016 actuarial experience study. A blend of future capital market projections and historical market returns was used in a building-block method in which a best-estimate of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) is developed for each major asset class. These best-estimates 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 of 2.5%. The best-estimates of geometric real rates of return and the TCRS investment policy target asset allocation for each major asset class are summarized in the following table:

Asset Class	Long-Term Historical Real Rate of Return	Target Allocation	_
U.S. Equity	5.69 %	31.00 %	5
Developing Market International Equity	5.29	14.00	
Emerging Market International Equity	6.36	4.00	
Private Equity and Strategic Lending	5.79	20.00	
U.S. Fixed Income	2.01	20.00	
Real Estate	4.32	10.00	
Short-term Securities	-	1.00	_
		100.00 %	O

The long-term expected rate of return on pension plan investments was established by the TCRS Board of Trustees as 7.25% based on a blending of the three factors described above.

### **Discount Rate**

The discount rate used to measure the total pension liability was 7.25%. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current rate and that contributions from the all LEA's will be made at the actuarially determined contribution rate pursuant to an actuarial valuation in accordance with the funding policy of the TCRS Board of Trustees and as required to be paid by state statute. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make projected future benefit payments of current active and inactive 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.

# Sensitivity of the Proportionate Share of Net Pension Liability (Asset) to Changes in the Discount Rate

The following presents the Government's proportionate share of the net pension liability (asset) calculated using the discount rate of 7.25%, as well as what the Government's proportionate share of the net pension liability (asset) would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate:

Plan	 1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Teacher Legacy Pension Plan	\$ 239,077,082	\$ (2,664,452)	\$ (202,479,756)
Teacher Retirement Plan	646,078	(3,238,283)	(6,087,526)

# Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in a separately issued TCRS financial report.

# K. Payable to the Pension Plan

At June 30, 2018, the Government reported a payable of \$2,926,544 for the outstanding amount of contributions to the pension plans required at the year ended June 30, 2018.

# Classification in the Statement of Net Position

The total net pension liability (asset) and deferred outflows and inflows of resources related to pensions are allocated between governmental activities, business-type activities, and component units. The following reconciles the total net pension liability (asset), deferred outflows of resources, and deferred inflows of resources by plan to the classification in the Statement of Net Position:

	Net Pension Liability (Asset)		Deferred Outflows of Resources		Deferred Inflows of Resources	
Plans:						
County Metro County Education Metro Education City City Education Teacher Legacy (TCRS) Teacher Retirement (TCRS)	\$	5,942,121 81,607,959 19,479,165 65,572,138 30,009,484 9,125,373 (2,664,452) (3,238,283)	\$	90,953,032 95,027 604,497 - 75,107 49,947,468 4,525,747	\$	220 170,271,512 - - 1,870 - 59,686,112 417,791
Total by plan	\$	205,833,505	\$	146,200,878	\$	230,377,505
Reconciliation: Statement of Net Position: Primary government: Governmental activities Business-type activities	\$	198,995,100 8,810,171	\$	136,343,362 6,816,220	\$	211,923,204 12,760,676
Total primary government		207,805,271		143,159,582		224,683,880
Component units: Hospital Authority Convention Center Authority		1,779,101 380,133		1,376,448 294,100		2,576,855 550,585
Total component units		2,159,234		1,670,548		3,127,440
Total Statement of Net Position		209,964,505		144,830,130		227,811,320
Add Charter Schools (1)		1,771,735		1,370,748		2,566,185
Less Statement of Net Position other assets		(5,902,735)		<u>-</u>		
Total allocation	\$	205,833,505	\$	146,200,878	\$	230,377,505

<sup>(1)</sup> State statutes allow support employees of charter schools to participate in Metro pension plans similar to Metro school support employees. Therefore, a portion of the pension related balances are allocated to the various charter schools.

Since the internal service functions primarily support governmental activities, the portion of the net pension liability (asset) applicable to internal service functions is considered an obligation of the governmental activities and is not allocated to the internal service funds, as the obligation will not be funded through the internal service rate structure.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### NOTE 8 - OTHER POSTEMPLOYMENT BENEFIT (OPEB) PLANS

### **Primary Government**

#### A. General Information about the OPEB Plans

# Plan Descriptions

# Metropolitan Government

Retirees in the Metro, City or County Plans may elect to participate in the Metro Employees' Medical Benefit Plan, a single-employer defined benefit healthcare plan. The Metro Plan is administered by the Employee Benefit Board and provides medical, dental and life insurance. The other postemployment benefits for Government employees were authorized by the Government's Charter and Code. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75, <u>Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions</u>. The Metro Plan does not issue a stand-alone financial report.

### Metropolitan Nashville Public Schools

Retirees in the Metro, City or County Education Plans may elect to participate in the School Professional Employees' Insurance Plan, a single-employer defined benefit healthcare plan. The School Plan is administered by the Metro Nashville Board of Education and provides medical and dental insurance. The other postemployment benefits for teachers of Metropolitan Nashville Public Schools were authorized by the Government's charter and code. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions. The School Plan does not issue a stand-alone financial report.

### Benefits Provided

### Metropolitan Government

The Government provides medical, dental and life insurance to retirees. For medical insurance, the Government contributes 75% of all premium payments, and the retirees contribute 25%. The Government also provides a 50% matching contribution on dental insurance for any retiree who elects to participate. Finally, the Government provides life insurance at no charge to the retirees. The contribution requirements of Metro Employees' Medical Benefit Plan members and the Government are established and may be amended by the Employee Benefit Board. The required contribution is based on projected pay-as-you-go financing requirements under which contributions are made in amounts sufficient to cover benefits paid, administrative costs and anticipated inflationary increases.

#### Metropolitan Nashville Public Schools

The Government provides medical and dental insurance to retirees. The contribution requirements of the School Professional Employees' Insurance Plan members and the Government are established and may be amended by the Metro Nashville Board of Education. The required contribution is based on projected pay-as-you-go financing requirements under which contributions are made in amounts sufficient to cover benefits paid. The Government contributes 75% of all premium payments, and the retirees contribute 25%.

# **Employees Covered by Benefit Terms**

At June 30, 2018, the following employees were covered by the benefit terms:

	Metro Employees' Medical Benefit Plan	School Professional Employees' Insurance Plan	Total
Active employees	12,819	14,437	27,256
Active employees (with medical coverage)	10,940	5,879	16,819
Retired employees (with medical and life coverage)	8,000	3,634	11,634
Retired employees (with life coverage only)	1,270	1,334	2,604
Retiree spouses (with medical coverage)	-	1,386	1,386
Deferred vested employees	3,119	43	3,162
Retired employees receiving IOD benefits	716	-	716
Retired disabled employees receiving IOD benefits	102	-	102
Total participants	36,966	26,713	63,679

# **B. Total OPEB Liability**

The Government's total OPEB liability of \$3,889,062,264 (\$3,046,674,160 for the Metropolitan Government and \$842,388,104 for Metropolitan Nashville Public Schools) was measured as of June 30, 2018, and was determined by an actuarial valuation as of that date.

### Actuarial Assumptions and Other Inputs

The total OPEB liability in the June 30, 2018 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

	Metro Employees' Medical Benefit Plan	School Professional Employees' Insurance Plan
Valuation date	June 30, 2018	June 30, 2018
Measurement date	June 30, 2018	June 30, 2018
Actuarial valuation method	entry age normal	entry age normal
Healthcare cost trends:		
Medical and Rx prescription drugs	8% graded down to 5% over 10 years	8% graded down to 5% over 10 years
Dental and vision	4% per annum	4% per annum
Administrative fees	5% per annum	5% per annum
Discount rate	2.98%	2.98%
Salary increases	Not applicable	Not applicable
Asset valuation method	Not applicable	Not applicable
Investment rate of return	Not applicable	Not applicable
Amortization period	20 years (closed) beginning July 1, 2017	20 years (closed) beginning July 1, 2017
Funding policy	Pay-as-you-go	Pay-as-you-go

The discount rate was based on the S&P Municipal Bond 20 Year High Grade Rate Index as of June 30, 2018.

For the Metropolitan Government, mortality rates were based on RP-2014 Healthy Annuitant Mortality Table for Males or Females, as appropriate. For Metropolitan Nashville Public Schools, the mortality rates were based on historical mortality assumptions.

The actuarial assumptions used in the June 30, 2018 valuation were based on the results of an actuarial experience study for the period July 1, 2012 to June 30, 2017.

# C. Changes in the Total OPEB Liability

	Metro Employees' Medical Benefit Plan	ool Professional Employees' surance Plan	Total
Balance at June 30, 2017 Changes for the year:	\$ 2,944,339,551	\$ 810,364,284	\$ 3,754,703,835
Service cost	89,976,557	40,017,730	129,994,287
Interest	88,163,614	24,376,739	112,540,353
Benefit payments	 (75,805,562)	 (32,370,649)	 (108,176,211)
Net changes	 102,334,609	 32,023,820	134,358,429
Balance at June 30, 2018	\$ 3,046,674,160	\$ 842,388,104	\$ 3,889,062,264

There are no changes in the benefit terms for the Metro Employee's Medical Benefits Plan and the School Professional Employee' Insurance Plan.

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability of the Government, as well as what the Government's total OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (1.98%) or 1-percentage-point higher (3.98%) than the current discount rate:

	1% Decrease (1.98%)	Current Discount Rate (2.98%)	1% Increase (3.98%)
Metro Employees' Medical Benefit Plan	\$ 3,565,231,787	\$ 3,046,674,160	\$ 2,634,484,349
School Professional Employees' Insurance Plan	966,469,247	842,388,104	 740,968,976
Total OPEB liability	\$ 4,531,701,034	\$ 3,889,062,264	\$ 3,375,453,325

Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the total OPEB liability of the Government, as well as what the Government's total OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage-point lower (7.0% decreasing to 4.0% over 10 years) or 1-percentage-point higher (9.0% decreasing to 6.0% over 10 years) than the current healthcare cost trend rates:

	 1% Decrease (7% decreasing to 4% Over 10 years)		Current Healthcare Cost Trend Rates (8% decreasing to 5% Over 10 years)	 1% Increase (9% decreasing to 6% Over 10 years)
Metro Employees' Medical Benefit Plan	\$ \$ 2,590,340,400		3,046,674,160	\$ 3,631,390,824
School Professional Employees' Insurance Plan	724,862,172		842,388,104	 992,247,117
Total OPEB liability	\$ 3,315,202,572	\$	3,889,062,264	\$ 4,623,637,941

# D. OPEB Expense, Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended June 30, 2018, the Government recognized OPEB expense of \$178,140,171 for the Metro Employee's Medical Benefits Plan and \$64,394,469 for the School Professional Employee' Insurance Plan. At June 30, 2018, the Government reported no deferred outflows of resources and deferred inflows of resources related to OPEB.

### **Component Units**

Information regarding the other postemployment benefits provided by component units can be found in their separately issued financial statements.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### NOTE 9 - DEFERRED COMPENSATION AND PROFIT SHARING PLANS

### **Primary Government**

### Metro Plan

The Government offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all employees, permits deferral of a portion of salary until future years.

The deferred compensation is not available to employees until termination, retirement, death or unforeseeable emergency. Because the assets are not held in a trustee capacity by the Government, they are not included in the Government's financial statements. No contributions are made to this plan by the Government.

# **Component Units**

Information regarding deferred compensation and profit sharing plans provided by component units can be found in their separately issued financial statements.

## **NOTE 10 - LEASES**

### **Primary Government**

The Government entered a lease agreement commencing November, 2005, for additional office space. The terms of the agreement call for a base annual rent of \$600,191 before a 50% credit for tenant improvements. Thereafter, rent will be adjusted upward based on either the consumer price index or 3.5% annually, whichever is less. The credit for tenant improvements is capped at \$5 million; the Government has incurred in excess of that amount through June 30, 2018. There is an additional credit in excess of \$1 million available for roof replacement. The roof replacement was completed in fiscal 2009. The lease agreement expired February, 2016; however, the Government exercised the first of six renewal options for five additional years. As part of the renewal, the base annual rent increased to \$656,609. Rent expense for the year ended June 30, 2018 was \$656,609.

The Government entered into operating lease agreements in 2008 and 2013 for downtown office space. These leases were amended during the year ended June 30, 2014 to provide for additional space through 2024. Rent expense for the year ended June 30, 2018 totaled \$1,965,893. Future minimum rental payments are as follows:

Year Ending June 30		
2019	\$	1,979,011
2020		2,018,480
2021		2,059,086
2022		2,100,041
2023		2,141,785
2024		661,576
Total future minimum lease payme	ents \$	10,959,979

The Government entered into an operating lease agreement during the year ended June 30, 2014 for space to be used as a clinic for employees who are injured in the line of duty. The lease expired in 2018 and a new lease agreement was executed. The new lease expires September 30, 2023 with the option to extend an additional two terms of five years each. Rent expense for the year ended June 30, 2018 was \$84,930. Future minimum rental payments are as follows:

Year Ending June 30		
2019	\$	115,788
2020		119,262
2021		122,840
2022		124,333
2023-2024		163,898
	<u></u>	
Total future minimum lease payments	\$	646,121

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

The Government entered into two lease agreements in 2016 for temporary office space for employees of the Police Department during the construction of a new Police headquarters building. The Donelson lease expires April 15, 2019. The Massman lease includes an initial monthly base rent of \$25,000 with a 3% escalation on July 1 of each year of the lease term. The Massman lease expires December 31, 2019 unless terminated at an earlier date or extended. Rent expense for the year ended June 30, 2018 for the two leases was \$541,224.

The Government entered into a lease agreement in 2016 for classroom space. This lease expires on July 31, 2024 with the option to extend an additional two terms of five years each. Rent expense for the year ended June 30, 2018 was \$569,335. Future minimum rental payments are as follows:

Year Ending June 30	
2019	\$ 295,800
2020	310,764
2021	310,764
2022	310,764
2023	326,076
2024-2025	353,249
Total future minimum lease payments	\$ 1,907,417

The Government entered into a lease agreement in 2017 for temporary office space for employees of the Sheriff's Office during the construction of a new jail facility. The lease runs on a month to month basis ending on July 31, 2020, with the Government having the right to cancel the lease upon a 90 day written notice after the end of the second lease year. Rent expense for the year ended June 30, 2018 was \$229,400.

The Government leases certain other facilities from various lessors under operating lease agreements. Total rental expenditures under these leases are nominal for the year ended June 30, 2018.

The Government leases certain warehouse and office space and various other places for periodic use to various lessees. Such leases are accounted for as operating leases and range in duration from less than one year to five years. The lease agreements provide for fixed rental payments. Annual rental income under these operating leases is nominal.

### **Component Units**

### Nashville District Management Corporation

The Corporation leases office space under a noncancelable operating lease which originally expired December, 2017. The space is paid for and used by Nashville Downtown Partnership, Inc., a related nonprofit organization. In connection with the lease, the lessor provided rent reductions totaling \$42,120 for the year ended December 31, 2017 that has been reflected in the financial statements as contributions with an offsetting charge to expense. Under the terms of the lease, the lessor will continue to provide rent reductions of similar amounts each year of the lease. The lease provides for additional rent to be payable in the event property taxes and/or building operating costs increase from base year amounts. Rent expense totaled \$81,864 for the year ended December 31, 2017.

During 2017, the above lease was amended to expire in December 2027. Beginning January 1, 2018, the lease no longer provides for reduced rent. Future minimum lease payments at December 31, 2017 are as follows:

Years Ending December 31,	Ar	nnual Rent
2018	\$	104,985
2019		107,400
2020		109,870
2021		112,397
2022		114,982
Thereafter		615,818
Total	\$	1,165,452

# General Hospital

The Government, on behalf of General Hospital, entered into a capital lease agreement with Meharry Medical College for the use of the Hubbard Hospital site on the Meharry campus. Under the terms of the agreement, the Government will lease the building for 30 years at \$4 million per year, including imputed interest at 7.5% per annum. Lease payments began in December 1994 after Meharry Medical College and the Board of Hospitals agreed on a program of renovations by Meharry Medical College to the property. This lease has been subleased to the Hospital Authority. At June 30, 2018, the leased building is carried in the proprietary type component units at the present value of minimum future lease payments of \$48,000,000, less accumulated depreciation.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

In fiscal 2015, General Hospital entered into a new capital lease for computer software and hardware with a three year term and monthly payments of \$10,690, which contains a requirement to purchase the assets at a bargain price of \$1 by the end of the lease term.

A summary of future minimum lease payments required under the agreements as of June 30, 2018 follows:

Year Ending June 30	
2019	\$ 4,217,361
2020	4,188,611
2021	4,187,361
2022	4,180,962
2023	4,147,729
2024-2025	5,912,875
Total future minimum lease payments	26,834,899
Less:	
Amount representing interest	5,549,849
Current portion of capital lease	2,729,931
Long-term capitalized lease obligation	\$ 18,555,119

### Convention Center Authority

On December 30, 2010 the Convention Center Authority (the Authority) entered into a Development Agreement for the Country Music Hall of Fame and Museum Expansion with Omni and into a Development, Lease and Operating Agreement with the County Music Foundation, Inc. (Hall of Fame). Under the terms of the agreements, Omni constructed a connector (expansion project) between its headquarters hotel and the Hall of Fame with funding from tax increment financing provided by the Metropolitan Development and Housing Agency. Upon completion of construction, the connector was transferred to the Authority on June 20, 2014 and is now leased to the Hall of Fame for an initial term of 60 years. Future minimum lease payments to the Authority will be as follows:

Years Ending June 30,	Anr	nual Rent
2019	\$	250,000
2020-2024		350,000
2025-2064		500,000
2065-2069		650,000
2070-2074		750,000

The Hall of Fame is responsible for all interior and exterior operating costs, maintenance and repairs. As required by the agreements, the Authority will establish a reserve fund for the majority of the rental income received from the Hall of Fame to cover future capital costs related to the connector. The cost and carrying amount of the connector on the Authority's statement of net position at June 30, 2018 is \$33,485,933.

Information regarding the lease transactions of the other component units can be found in their separately issued financial reports.

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

# NOTE 11 - INTERFUND RECEIVABLES AND PAYABLES

Interfund receivables and payables at June 30, 2018 are attributable to unsettled balances at year-end, primarily for internal service billings and transfers between funds.

Balances at June 30, 2018 are as follows:

SCHEDULE OF INTERFUND RECEIVABLES AND PAYABLES

For the Year Ended June 30, 2018

Due From	General Fund	General Purpose School Fund	GSD General Purposes Debt Service Fund	GSD School Purposes Debt Service Fund	USD General Purposes Debt Service Fund	GSD Capital Projects Fund	
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 227,717	
General Purpose School Fund GSD General Purposes Debt	86,673	-	-	4,914,354	-	-	
Service Fund	103,703	-	-	-	-	-	
USD General Purposes Debt							
Service Fund	-	-	-	-	-	-	
GSD Capital Projects Fund	35,447	-	-	-	-	-	
Education Capital Projects Fund	8,598	-	-	-	-	-	
USD Capital Projects Fund	-	-	-	-	-	-	
Nonmajor Governmental Funds Department of Water and	4,542,558	1,652,143	-	-	-	95,514	
Sewerage Services	625,670	196,457	-	-	-	-	
Nonmajor Enterprise Funds	-	13,140	-	-	-	20,000	
Internal Service Funds	444,636	699,610	16,899	8,839	2,423	165	
Fiduciary Funds	8,128,797	184,133				-	
	\$ 13,976,082	\$ 2,745,483	\$ 16,899	\$ 4,923,193	\$ 2,423	\$ 343,396	

# SCHEDULE OF INTERFUND RECEIVABLES AND PAYABLES (CONTINUED)

For the Year Ended June 30, 2018

Due To

				D	epartment of							
	Education		Nonmajor		Water and	District		Nonmajor		Internal		
	Capital	USD Capital	Governmental		Sewerage	Energy		Enterprise		Service	Fiduciary	
Pr	rojects Fund	Projects Fund	Funds	_	Services	 System		Funds	_	Funds	 Funds	 Total
\$	-	\$ -	\$ 4,307,145	\$	373,147	\$ 8,239	\$	8,256	\$	1,533,036	\$ -	\$ 6,457,540
	1,239,363	-	1,849,126		-	-		8,403		1,740	-	8,099,659
	-	-	280,397		-	-		-		-	-	384,100
	-	-	-		-	28,711				-	-	28,711
	-	14,256	2,380,857		-	-		-		45,500	-	2,476,060
	-	-	-		-	-		-		-	-	8,598
	-	-	-		902,789	-		-		-	-	902,789
	-	-	3,707,559		247,713	-		38,224		205,600	-	10,489,311
	-	-	19,324,315		-	68,240		45,156		233,582	-	20,493,420
	-	-	1,191,797		1,883,436	100		300		46,145	-	3,154,918
	-	-	556,035		26,279	-		4,473		7,203	22,650	1,789,212
_	-	-		_	-	 -	_	-		-	 -	 8,312,930
\$	1,239,363	\$ 14,256	\$ 33,597,231	\$	3,433,364	\$ 105,290	\$	104,812	\$	2,072,806	\$ 22,650	\$ 62,597,248

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

# **NOTE 12 - INTERFUND TRANSFERS**

Interfund transfers are attributable to the budgeted allocation of resources from one fund to another, primarily for debt service requirements, operating subsidies and the funding of capital items.

Transfers from fiduciary funds represent unused employee contributions to the flexible benefit plans, which reverted to the Government.

Interfund transfers for the year ended June 30, 2018 consist of the following:

SCHEDULE OF INTERFUND TRANSFERS

For the Year Ended June 30, 2018

			Tra	ansferred To			
				GSD		GSD	USD
				General		School	General
		General		Purposes		Purposes	Purposes
		Purpose		Debt		Debt	Debt
	General	School		Service		Service	Service
Transferred From	 Fund	 Fund		Fund		Fund	 Fund
General Fund	\$ 481,000	\$ -	\$	40,335,000	\$	-	\$ -
General Purpose School Fund	192,000	-		-		-	-
GSD Capital Projects Fund	30,000	-		-		-	-
Nonmajor Governmental Funds	16,212,060	2,283,318		1,233,316		1,607,356	583,400
Department of Water and Sewerage							
Services	5,862,800	-		-		-	-
District Energy System	4,600	-		-		-	1,258,200
Nonmajor Enterprise Funds	1,504,400	-		4,000,000		-	-
Internal Service Funds	1,933,000	-		-		-	-
Fiduciary Funds	 -	 -		-	_	-	 -
	\$ 26,219,860	\$ 2,283,318	\$	45,568,316	\$	1,607,356	\$ 1,841,600

# SCHEDULE OF INTERFUND TRANSFERS (CONTINUED)

For the Year Ended June 30, 2018

# Transferred To

 Nonmajor Governmental Funds		District Nonmajor Energy Enterprise System Funds		Energy Enterprise Service		Enterprise		Service	Fiduciary Funds	Total
\$ 69,923,779 117,963,903	\$	1,690,300	\$	-	\$	4,796,884 1,250,000	\$ 156,520 138,061	\$ 117,383,483 119,543,964		
243,205 -		-		1,815,478 1,738,408		6,762,487 8,124,157	21,962	8,851,170 31,803,977		
5,247,713 - - - -		- - - -		- - - -		5,027,816 - 1,240,566 - 2,518,745	- - - -	16,138,329 1,262,800 6,744,966 1,933,000 2,518,745		
\$ 193,378,600	\$	1,690,300	\$	3,553,886	\$	29,720,655	\$ 316,543	\$ 306,180,434		

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### **NOTE 13 – COMMITMENTS AND CONTINGENCIES**

### A. Litigation

The Metropolitan Department of Law estimated a potential liability for claims, suits and judgments filed for damages to persons and property and for other alleged claims arising out of matters incidental to the operation of the Government. The estimated liability is not expected to be liquidated with expendable available resources and is recorded in the applicable governmental activities in the Statements of Net Position and Activities. Any estimated liabilities attributable to proprietary funds and component units are recorded in those funds and units.

### **B.** Insurance and Benefits

The Government and its component units are subject to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; illnesses or injuries to employees; and natural disasters.

### **Primary Government**

The Government is self-insured with respect to liability claims. Liabilities for all accidents are generally limited under the Governmental Tort Liability Act of the Tennessee Code as follows:

		dents	
Bodily injury	\$	300,000	per person
		700,000	per accident
Property damage		100,000	per accident

The Government is also self-insured with respect to casualty losses on real and personal property. Each loss is subject to a per occurrence deductible of \$10,000 to a maximum of \$1,000,000 per occurrence and a \$3,000,000 annual aggregate. If a single loss reaches \$1,000,000, the property insurance policy will respond. After the \$3,000,000 annual aggregate has been exhausted, a \$50,000 per occurrence deductible will apply to each and every loss and the property insurance policy will respond. Losses from the perils of flood and earth movement will not erode the aggregate. Settled claims have not exceeded the self-insured retention in any of the past three fiscal years. The Government is also self-insured with respect to medical benefits and employee blanket bond coverage. Estimated losses for all self-insured risks of \$38,411,298 are recorded as liabilities in internal service funds.

The following summarizes the changes in the estimated claims payable in the respective internal service funds for the years ended June 30, 2017 and 2018:

	 School Self Insurance	G	General overnment Self nsurance	School Professional Employees' Insurance	Employees' Medical Benefit	Injured on Duty		Total Internal Service Fund Types	
Claims payable June 30, 2016	\$ 920,749	\$	8,210,316	\$ 8,562,061	\$ 15,346,000	\$	5,829,000	\$	38,868,126
Add: Provision for events of the current fiscal year	2,070,889		3,254,032	108,492,921	224,189,460		13,228,817		351,236,119
Deduct: Payments on claims during the fiscal year	 316,707		4,051,973	107,835,715	223,758,460		13,831,817		349,794,672
Claims payable June 30, 2017	2,674,931		7,412,375	9,219,267	15,777,000		5,226,000		40,309,573
Add: Provision for events of the current fiscal year	1,292,654		2,463,750	118,912,761	230,598,694		13,500,782		366,768,641
Deduct: Payments on claims during the fiscal year	917,372		3,869,894	119,544,174	229,678,694		14,656,782		368,666,916
Claims payable June 30, 2018	\$ 3,050,213	\$	6,006,231	\$ 8,587,854	\$ 16,697,000	\$	4,070,000	\$	38,411,298

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

### **Component Units**

The Hospital Authority participates in the Government's insurance programs.

The Convention Center Authority is exposed to various risks of loss incidental to its operations and has obtained several insurance policies after performing risk assessment analyses. The Convention Center Authority retains risk up to \$4,000,000, and has obtained excess insurance for any claims above that amount. These policies provide insurance for property, builder's risk, workers' compensation, automobile, general liability and other exposures. There have been no settlements exceeding insurance coverage since the inception of the Convention Center Authority.

Information regarding the insurance and benefits of the other component units can be found in their separately issued financial reports.

### C. Federal and State Financial Assistance

The Government and its component units have received federal and state financial assistance for specific purposes that are subject to review and audit by the grantor agencies. Although such audits could generate expenditure disallowances under terms of the programs, the Government believes that any required reimbursements would not be material to the basic financial and individual fund and component unit financial statements. Accordingly, no provision has been made for any potential reimbursements to the grantor agencies.

Prior to the issuance of the Water and Sewer Revenue Refunding Bonds, Series 2010A, on December 16, 2010, the full faith and credit of the Government was pledged for possible deficiencies in the collection of required state sewer user fees established in connection with certain grants received from the State Funding Board (TCA 68-221-202 through 68-221-214). The Department of Water and Sewerage Services acted as a conduit with respect to sewer user fees imposed by the state. These user fees were set at an amount sufficient to recover the project costs, including related interest expense. A portion of the proceeds from the Series 2010A Bonds was used to fully prepay the Tennessee Local Development Authority (TLDA) loans. Subsequent to the issuance of the Bonds, the user fees are considered a general sewer charge and reflected as revenue. The amount of prepayment is \$40,944,900 at June 30, 2018 and is reported as other noncurrent assets. The amounts received were recorded as capital grants and contributions by the Department of Water and Sewerage Services.

### **D. Construction Commitments**

### **Primary Government**

At June 30, 2018, the governmental activities of the Government had commitments of \$211,739,931 for construction contracts.

At June 30, 2018, the Department of Water and Sewerage Services had commitments of \$78,840,598 for construction contracts.

The Department of Water and Sewerage Services (the Department), the Metropolitan Council, the State of Tennessee Department of Environment and Conservation (TDEC), the United States Department of Justice (DOJ) and the United States Environmental Protection Agency (EPA), have agreed on a consent decree to address and correct deficiencies within the Department's sewer system that have caused violations of the Clean Water Act (CWA). The consent decree was approved by the Federal Court in March 2009. Per the original decree, the Department was required to fully develop, in two years, a Corrective Action Plan/Engineering Report (CAP/ER) for its sanitary sewer system and a Long-term Control Plan (LTCP) for its combined sewer system to achieve the goals of the CWA and meet water quality requirements in the Cumberland River. Upon submittal and approval of the Plans, the Department would have an additional nine years to complete the work as developed by the Plans.

Due to the historic floods that occurred in Nashville in May 2010, the Department petitioned EPA and TDEC for a six-month extension for developing the CAP/ER and LTCP and a two year extension for completing the work (final compliance) under the force majeure clause of the consent decree. Approval has been granted for both extensions. The due date for the CAP/ER and LTCP was September 11, 2011, and the due date for all work coming out of those two Plans (final compliance) is eleven years after approval of the Plans by EPA and TDEC. The Department submitted both Plans on September 9, 2011. On August 10, 2017, the EPA approved the CAP/ER and the timeline of eleven years to complete the work. Negotiation for approval of the LTCP continues with EPA and TDEC.

The Department is proceeding with the work under both Plans. The Department has hired an internal program director as well as an external program management team composed of engineering consultants to manage planning, design and oversight of the program. The Department has also contracted for a construction management team to protect the investment in construction projects. A group of five small business project set

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

designers have been selected to assist with the design of rehabilitation projects. Designers for other types of projects will be selected on a case by case basis.

The future related capital expenditures are expected to be between \$1 billion and \$1.5 billion. Continuing to have sewer overflows along with failure to comply with the mandate and meet future established deadlines could result in stipulated penalties of up to \$3,000 per occurrence for sanitary sewer overflows, and up to \$5,000 per day for failure to implement the improvements on a timely basis. EPA sent a demand letter for \$147,000 in stipulated penalties for sanitary overflow on September 9, 2011. This was for a negotiated 147 violations for 2010 and the first quarter of 2011. No penalties have been demanded for any delays in submitting reports and deliverables nor from the failure to timely implement work. Proposed plans to fund capital expenditures for the next few years include internally generated cash and borrowings.

# E. Liquidity

# **Component Units**

The Hospital Authority operates General Hospital, and the Government has budgeted and legally approved an appropriation of \$46.1 million to the Hospital Authority for the year ended June 30, 2019. The Government has also not committed to provide additional funding to the Hospital Authority should such funding become necessary.

General Hospital experienced an operating loss of \$41.7 million for the year ended June 30, 2018 and reflected a net surplus of \$11.6 million at June 30, 2018. The operating loss was funded primarily by the Government in the form of revenue or capital contributions reflected in the financial statements. General Hospital will continue to be dependent upon the Government to subsidize current and future operations.

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### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

## F. Financial Pledges

The Government has pledged certain nontax revenues in conjunction with various revenue bonds and other agreements of component units as approved by the Metropolitan Council and in accordance with the Sports Authorities Act of 1993 and the Convention Center Authorities Act of 2009, as applicable, under Title 7 of the Tennessee Code Annotated, and the Amended and Restated Intergovernmental Project Agreement dated October 22, 2014, between the Government and the Metropolitan Development and Housing Agency. The issuers, the Government's pledges, the length of time of the pledges, and the amount of the pledges outstanding at June 30, 2018 (including total future interest of \$520,287,062) are as follows:

Component Unit Revenue Bonds or Agreements	Pledged Non-Tax Revenues of:	Date of Final Maturity/Payment	Outstanding at June 30, 2018		
Sports Authority Refunding Taxable Revenue Bonds					
Series 2012B (Refunded 1998 NHL Fee)	GSD General Fund	Jul. 1, 2018	\$ 1,628,626		
Sports Authority Refunding Series 2013B Taxable					
Revenue Bonds (Refunded 2004 Revenue Stadium)	GSD General Fund	Jul. 1, 2025	21,173,932		
Sports Authority Refunding Series 2014 Bonds					
(Refunded 2004 Revenue Stadium)	GSD General Fund	Jul. 1, 2026	19,342,350		
Sports Authority Taxable Revenue Bonds Series 2013A					
(Hockey Facility)	GSD General Fund	Jul. 1, 2033	17,332,498		
Sports Authority Series 2012A Taxable Revenue Bonds	0000		07.000.004		
(Upgrade to LP Field)	GSD General Fund	Jul. 1, 2033	27,392,381		
Development and Funding Agreement Between Omni					
Nashville, LLC, and the Convention Center Authority of the Metropolitan Government of Nashville and Davidson County	GSD General Fund	Oct. 31, 2032	201,000,000		
Sports Authority Series 2013B Taxable Revenue Bonds	GSD General Fund	Oct. 31, 2032	201,000,000		
(Ballpark)	USD General Fund	Jul. 1, 2043	20,065,136		
Sports Authority Series 2013A Revenue Bonds (Ballpark)	USD General Fund	Jul. 1, 2043	91,476,390		
Convention Center Authority Tourism Tax Taxable Revenue	332 33	· · · · · · · · · · · · · · · · · · ·	0.,,,,,,,		
Bonds Series 2010B	GSD General Fund	Jul. 1, 2043	825,459,819		
Public Finance Authority Taxable Parking Revenue Bonds		·			
Series 2014	USD General Fund	Nov. 1, 2044	74,921,146		
Total Guarantees Extended			\$ 1,299,792,278		

No payments related to these pledges have been made and the Government has not recognized a liability related to any pledges. Should any payments be required in the future, each of the agreements provide for recovering any such payments from the issuer – generally from the issuer's revenues after the subsequent year's annual principal and interest payments and certain other obligations are met.

# **G. Other Commitments**

### **Primary Government**

These grants are available to large successful companies that are moving international, national or regional headquarters into Davidson County or expanding headquarters within Davidson County and are expected to create at least five hundred additional jobs during the first five years of operations or the expansion of operations. The amount of the annual grant is determined by multiplying the average number of incremental full time equivalent employees at the end of each grant year by an amount up to five hundred dollars. The total amount of each grant and the period of each grant can vary based on the number of jobs created, the amount of revenue that is anticipated to be received by the Government and other economic and community development opportunities that the company is expected to create. None of the grants in place have a maximum annual amount. Each grant is to be used to reimburse the company for all or part of the documented expenditures related to the acquisition, preparation or occupancy of facilities, costs of moving to or relocating within Davidson County, and costs associated with employee training.

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

The following is a summary of economic and community development incentive grant agreements in place at June 30, 2018:

Company	Grant Approval Date	Grant Commencement Date	Grant Period	Additional Grant Terms	Amount Payable for June 30, 2018	_	Amount Budgeted for 2018- 2019
Dell Computer Corporation	August 1999	October 1, 1999	40 years	None	\$ 500,000	\$	500,000
UBS AG, New York Branch	October 2013	January 1, 2015	5 years	Base jobs of 240, minimum of 500 incremental jobs with annual salaries over published average required for grant.	-		360,500
Bridgestone Americas, Inc.	December 2014 Amended November 2016	January 1, 2018	7 years	Minimum of 500 incremental jobs with annual salaries over published average required for grant. Amendment extends to an additional location, relocating more jobs.	-		-
WCP Properties, LLC - affiliate of HCA Holdings, Inc.	July 2015 Amended August 2015	January 1, 2016	7 years	Minimum of 500 incremental jobs required for grant for headquarters. Amendment extends to two locations relocating more jobs.	-		764,500
Warner Music	February 2016	January 1, 2017	7 years	Base jobs of 100. If less than 500 additional jobs as of December 31, 2020 or any subsequent grant year through the grant term, grant payment for such grant year will be zero. Annual salaries over published average required for grant.	-		14,000
Phillips Holding USA, Inc.	April 2018	Company to specify by written notice not later than 30 days before commencement date. Must begin on a January 1.	7 years	Minimum of 500 incremental jobs with annual salaries over published average required for grant.	-		-

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

In February 2016, the Government entered into a participation agreement with LifeWay wherein the Government would fund infrastructure development for LifeWay's planned new headquarters at Capitol View development site as an economic incentive to retain LifeWay and its 1,100 employees. The approved incentive for the benefit of LifeWay was provided as a reduction of \$2.5 million in the sales price of the land to LifeWay by Capitol View in exchange for the Government agreeing to reimburse Capitol View \$2.5 million for public infrastructure improvements related to the LifeWay project. Furthermore, the Government agreed to pay \$990,000 to Capitol View for additional public infrastructure improvements needed at the development site but not related to the LifeWay project with Capitol View agreeing to convey 1.26 acres in the development site to the Government for the purpose of creating a public park to be connected to the Music City Greenway. In total the Government agreed to pay \$3,490,000 to Capitol View as a contribution in aid for the infrastructure. The first installment of \$990,000 was paid in May 2016 with the remaining \$2.5 million due after final inspection and approval by the Government at completion of the public infrastructure improvements and will be paid at the time of conveyance to the Government.

In October 2016, the Government entered into an operating lease and transfer agreement with Signature Healthcare, LLC (Signature) to lease the property and operations of the Bordeaux Long Term Care (Bordeaux) to Signature. As Bordeaux is currently operating at a loss, Signature is obligated to pay rent of \$10 annually. The Government will submit quarterly payments to Signature in the amount of \$750,000 as reimbursement for the operating loss. To the extent the annual operating loss exceeds \$3 million, the Government will reimburse for the excess not to exceed a total of \$3.5 million annually. If the annual operating loss is less than \$3 million, Signature will remit the difference back to the Government. Under the terms of the agreement, Signature will identify and purchase a site (Relocation Site) for the purpose of constructing a new nursing home facility with a capacity of at least 120 skilled nursing home beds to replace Bordeaux. Once the replacement facility is constructed, approved for occupancy, and licensed by the required regulatory agencies, Signature will transfer the appraised value of all rights related to the relocated skilled nursing home beds less fifty percent of the outstanding amount owed to Signature for providing ancillary services at Bordeaux to the Government (the Purchase Price). The term of the agreement began on May 1, 2016 and expires of June 30, 2020. Either party shall be entitled to terminate the agreement at the end of each lease year, or the agreement will terminate in the event that Signature begins operation at the Relocation Site. The total paid to Signature during the year ended June 30, 2018 was \$3.5 million.

In January 2017, the Government entered into a management agreement with AnthemCare to management the operations of the J.B. Knowles Home (Knowles) with an initial term beginning January 31, 2017 to January 30, 2018. The contract was subsequently extended with a new end date of June 30, 2020. In accordance with the agreement, the Government will pay a management fee to AnthemCare of \$35,000 per month for the first two months and \$30,000 per month for the remainder of the term. As Knowles is currently operating at a loss, the Government also agreed to reimburse AnthemCare for losses incurred in the operation of Knowles with advances of \$40,000 per month to cover the operational losses for that period. At the end of the term, the net facility operating loss will be calculated, and the Government will remit the difference between the calculation and advances if additional funds are due, or AnthemCare will remit the difference if the advances exceed the calculation. The total paid to AnthemCare in management fees and advances during the year ended June 30, 2018 was \$1,896,903.

### **Component Units**

The healthcare industry is subject to numerous laws and regulations of federal, state and local governments. These laws and regulations include, but are not necessarily limited to, matters such as licensure, accreditation, government healthcare program participation requirements, reimbursement for patient services, Medicare fraud and abuse and patient records privacy. Recently, government activity has increased with respect to investigations and allegations concerning possible violations of fraud and abuse statues and regulations by healthcare providers. Violations of these laws and regulations could result in expulsion from government healthcare programs together with the imposition of significant fines and penalties, as well as significant repayments for patient services previously billed. Compliance with such laws and regulations can be subject to future government review and interpretation as well as regulatory actions unknown or unasserted at this time.

In March 2010, Congress adopted comprehensive healthcare insurance legislation, Patient Care Protection and Affordable Care Act and Healthcare and Education Reconciliation Act. The legislation, among other matters, is designated to expand access to coverage to substantively all citizens by 2019 through a combination of public program expansion and private industry health insurance. Changes to existing TennCare and Medicaid coverage and payments are also expected to occur as a result of this legislation. Implementing regulations are generally required for these legislative acts, which are to be adopted over a period of years and, accordingly, the specific impact of any future regulations is not determinable.

The Nashville District Management Corporation has an agreement with the Government to provide program administration of the Nashville Central Business Improvement District in accordance with Tennessee law. The Corporation's duties and responsibilities under the agreement include but are not limited to providing services for improvement and operation of the District through security enhancement, downtown marketing, and improving downtown beautification, sanitation and maintenance. The agreement may be terminated by the Government upon thirty days' notice.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

The Nashville District Management Corporation has entered into an agreement with Nashville Downtown Partnership, a related nonprofit organization, to perform all the duties and responsibilities for day-to-day management and implementation of services and improvements for the Nashville Central Business Improvement District (CBID), as defined in the Memorandum of Agreement with the Government, in exchange for substantially all revenues received from CBID assessments. During the year ended December 31, 2017, the Corporation recognized expense of \$1,951,936 related to the agreement. The agreement expires December 31, 2022.

The Gulch Business Improvement District, Inc. has an agreement with the Government in accordance with Tennessee law to provide services for improvement and operation of the Gulch Business Improvement District through security enhancement, marketing, and improving beautification, sanitation, and maintenance. The term of the agreement extends to December 31, 2026, and may be terminated upon receipt of written petition filed by either (a) the owners of 75% of the assessed value of the taxable property in the District or (b) 50% of the owners of record within the District.

The Gulch Business Improvement District, Inc. has entered into an agreement with Nashville Downtown Partnership to provide cleaning and safety services for the Gulch Business Improvement District in exchange for a monthly fee. During the year ended December 31, 2017, \$25,377 was recognized as expense related to the agreement. Under the terms of the new agreement, the Gulch Business Improvement District will pay Nashville Downtown Partnership an amount equal to 10% of annual expenditures. The agreement expires December 31, 2024.

On October 19, 2010 the Convention Center Authority (the Authority) entered into a Development and Funding Agreement with Omni Nashville, LLC (Omni) to facilitate the development of a premier headquarters hotel adjacent to the Music City Center. Under the terms of the development and funding agreement, the Authority will pay Omni annual economic development payments and incentives from excess tourism tax revenues collected. These payments are additionally secured by a pledge of the Government's nontax revenues of the General Fund of the General Services District, subject to prior pledge and application of certain requirements related to bonds issued by the Sports Authority. No payments related to this financial guarantee have been made by the Government. Should any payments be made by the Government in the future, the agreements provide for recovering any such payments from the Authority's revenues after operating expenses are covered and annual principal and interest payments and certain other obligations are met. These payments began after the hotel opened for business, including the renting of rooms. The amount remitted to Omni during the year ended June 30, 2018 was \$12,000,000. The schedule of future annual payments is expected to be as follows:

	Annual				
Year Ending June 30	 Payment				
2019-2026	\$ 12,000,000				
2027-2033	15.000.000				

In May 2015 the Metropolitan Council approved a redevelopment agreement related to the sale and development of the old Nashville Convention Center site that was under the management of the Authority. The sale of the Nashville Convention Center property closed in December 2016. Under the redevelopment agreement, the Authority agreed to contribute \$38.5 million to partially fund the parking garage and conference center space at the new complex.

In January 2017 the Authority committed \$19.9 million to begin construction of various capital projects on the convention center campus. These capital projects began immediately and are expected to be completed in fiscal 2019.

In May 2018 the Government and the Authority entered an agreement under which the Authority will transfer a portion of certain "revenues" to the Government. "Revenues" refer to hotel motel tax revenues, room occupancy revenues, and campus sales tax revenues. Such transfers consist of \$7.5 million by September 30, 2018 related to fiscal 2017 and 2018 revenues and \$2.5 million by August 31, 2019 related to fiscal 2019 revenues. Beginning with fiscal 2020, the Authority will transfer to the Government on an annual basis the greater of \$2.5 million or 5% of "revenues" in excess of \$2 million. The transfer is contingent on the Authority's ability to fully fund its operating expenses, debt service expenses, and debt service reserve requirements.

Information regarding the other commitments of the other component units can be found in their separately issued financial reports.



# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

# **NOTE 14 - FUND BALANCES**

Certain categories of fund balance are presented on the Balance Sheets for Governmental Funds in the aggregate. The detail components of the nonspendable, restricted, committed, and assigned fund balances are as follows:

# **FUND BALANCES**

# For the Year Ended June 30, 2018

	General Fund	General Purpose School Fund	GSD General Purposes Debt Service Fund	GSD School Purposes Debt Service Fund	USD General Purposes Debt Service Fund	GSD Capital Projects Fund
FUND BALANCES (DEFICITS):						<del></del>
Nonspendable:						
Inventories of supplies	\$ 351,942	\$ 1,643,436	\$ -	\$ -	\$ -	\$ -
Prepaid expenditures	490,164	36,868	-	28,515	-	-
Permanent fund principal	-					
Total nonspendable	842,106	1,680,304	-	28,515	-	
Restricted for:						
Public welfare	-	-	-	-	-	-
Convention center and tourism promotion	-	-	-	-	-	-
Education	-	-	-	-	-	-
Solid waste	-	-	-	-	-	-
Flood recovery	-	-	-	-	-	-
General government	-	-	-	-	-	-
Public health	-	-	-	-	-	-
Public works, highways and streets	-	-	-	-	-	-
Administration of justice	-	-	-	-	-	-
Law enforcement and care of prisoners	-	-	-	-	-	-
Recreation and culture	-	-	-	-	-	-
Public library system	-	-	-	-	-	-
Total restricted	-	-	-	-	-	-
Committed for:						
Education	-	33,200,541	-	-	-	-
Debt service	-	-	5,663,153	4,085,521	524,152	-
Equipment acquisitions (appropriated)	-	-	-	-	-	-
Equipment acquisitions (unappropriated)	-	-	-	-	-	-
Solid waste	-	-	-	-	-	-
General government	-	-	-	-	-	-
Recreation and culture	-	-	-	-	-	-
Total committed		33,200,541	5,663,153	4,085,521	524,152	
Assigned for:						
Subsequent year budgetary appropriatio	n 8,850,000	-	-	550,000	-	-
Specific projects	8,089,600	-	-	-	-	-
Total assigned	16,939,600	_	-	550,000		
Unassigned	58,879,621	_	-	-		(437,402,630)
•						(12 / 12 / 252)
Total fund balances (deficits)	\$ 76,661,327	\$ 34,880,845	\$ 5,663,153	\$ 4,664,036	\$ 524,152	\$ (437,402,630)

# THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

# FUND BALANCES (CONTINUED)

For the Year Ended June 30, 2018

Education Capital Projects Fund	Capital USD Capital		Total Governmental Funds
\$ -	\$ -	\$ 1,140,930	\$ 3,136,308
-	-	5,384	560,931
		185,112	185,112
-	-	1,331,426	3,882,351
-	-	1,671,081	1,671,081
-	-	11,016,258	11,016,258
-	-	23,186,559	23,186,559
-	-	940,741	940,741
-	-	8,608,155	8,608,155
-	-	1,312,295	1,312,295
-	-	3,120,924	3,120,924
-	-	3,901,069	3,901,069
-	-	751,691	751,691
-	-	1,897,849	1,897,849
-	-	84,139	84,139
-	=	1,294,610	1,294,610
	-	57,785,371	57,785,371
-	-	-	33,200,541
-	-	-	10,272,826
-	-	54,202,931	54,202,931
-	-	3,672,425	3,672,425
-	-	4,789,987	4,789,987
-	-	26,976,162	26,976,162
-	-	1,158,857	1,158,857
-	-	90,800,362	134,273,729
_	_	_	9,400,000
-	-	-	8,089,600
	<del></del>		17,489,600
(205,884,145)	(10,009,164)		(594,416,318)
(200,004,140)	(10,007,104)		(877,710,310)
\$ (205,884,145)	\$ (10,009,164)	\$ 149,917,159	\$ (380,985,267)

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

#### **NOTE 15 – FUEL HEDGING PROGRAM**

The Metropolitan Government maintains a fuel hedging program, the objective of which is to hedge the changes in cash flows due to market price fluctuations related to a portion of expected purchases of diesel and gasoline fuel. Details of the Metropolitan Government's participation in the fuel hedging program at June 30, 2018 are as follows:

Notional Amount	Effective Date	Maturity Date	Terms	Counterparty Credit Rating
39,403 gallons, diesel	July 1, 2018	June 30, 2019	Pay \$1.7560 per gallon; Settlement based on NYMEX HO	A1
39,403 gallons, diesel	July 1, 2018	June 30, 2019	Pay \$1.8280 per gallon; Settlement based on NYMEX HO	A1
45,419 gallons, diesel	July 1, 2018	June 30, 2019	Pay \$1.8775 per gallon; Settlement based on HO-NYMEX-FUTURES	Baa1
59,253 gallons, gasoline	July 1, 2018	June 30, 2019	Pay \$1.6570 per gallon; Settlement based on NYMEX NYH RBOB	A1
29,626 gallons, gasoline	July 1, 2018	June 30, 2019	Pay \$1.7180 per gallon; Settlement based on XB-NYMEX-FUTURES	A1
27,246 gallons, gasoline	July 1, 2018	June 30, 2019	Pay \$1.7600 per gallon; Settlement based on XB-NYMEX-FUTURES	A1

The fair value of the fuel hedging instruments was an asset of \$1,196,506 at June 30, 2018, which has been recorded in noncurrent assets in the Statement of Net Position. The fair value was estimated based on the present value of the estimated future cash flows. The fuel hedges were determined to be effective hedges; accordingly, the change in fair value of the hedges is a deferred outflow or inflow of resources.

The Metropolitan Government is exposed to credit risk on hedging derivative instruments that are in asset positions. This represents the maximum loss that would be recognized at the reporting date if the counterparty failed to perform as contracted. The Metropolitan Government is exposed to basis risk on its fuel hedging contracts because the expected commodity purchase being hedged will price based on a pricing point different than the pricing point at which the forward contract is expected to settle (NYMEX). The Metropolitan Government or its counterparty may terminate the contracts if the other party fails to perform under the terms of the contract. If at the time of termination a hedging derivative instrument is in a liability position, the Metropolitan Government would be liable to the counterparty for a payment equal to the liability.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

#### **NOTE 16 – TAX ABATEMENTS**

The Industrial Development Board (Board) is authorized by Tennessee Code Annotated (TCA) Section 7-53-305, a provision of the Tennessee Industrial Development Corporations Act, and by Ordinance of the Metropolitan Government to negotiate and accept payments in lieu of ad valorem taxes in furtherance of the Board's public purposes of economic welfare to maintain and increase employment opportunities and household income as set forth in TCA Section 7-53-102. As such, the Board acts as a conduit organization for property tax abatements through payment in lieu of taxes (PILOT) agreements. The Director of the Mayor's Office of Economic and Community Development serves as the Executive Director of the Board and negotiates PILOT agreements, presents to the Metropolitan Council for approval, and if approved, presents to the Board for approval. The abatements, which may be as much as 100% of the standard real and/or personal property taxes, may be granted to any qualified business located within or relocating to property within the boundaries of the Metropolitan Government, making significant capital investments and retaining or increasing a significant number of full-time employees. Consideration is given on a case-by-case basis and includes analyses of job creation, economic impact, capital investment and wage rates.

During the fiscal year ended June 30, 2018 there were eleven PILOT agreements in force with tax abatements totaling \$6,605,719. Each of these tax abatement agreements is described below with the terms in effect for the fiscal year reported. None of these agreements include a provision for the recapture of abated taxes in the event an abatement recipient does not fulfill the commitment it makes in return for the tax abatement. The following is a description of each PILOT agreement:

- Dell Computer Corporation The abatement commenced September 28, 1999 with Dell committing to locate computer manufacturing, assembly and distribution facilities and technological support operations within the boundaries of the Metropolitan Government. Dell will remit the lesser of (1) 2% of the standard tax for each 15 employees (determined as set forth in the agreement) less than 1,500 employees that are employed during the immediately preceding year; or (2) 100% of the standard tax. The agreement is applicable to real property subleased and used by Dell and personal property acquired and used by Dell at the aforementioned real property.
- Omni Nashville, LLC The abatement commenced September 20, 2011 with the construction of a hotel
  adjacent to the Music City Center. Omni will remit 37.5% of the standard tax for real property and personal
  property included in the equipment lease. If Omni defaults on or assigns, transfers or conveys (except to an
  affiliate) the facility lease or equipment lease, the PILOT period will terminate as of the day of such action.
- HealthSpring, Inc. The abatement commenced August 16, 2011 with the construction (in two phases) of a new consolidated campus for use by HealthSpring. HealthSpring will remit 40% and 0% of the standard tax in Phase I and Phase II, respectively, for real property.
- LifePoint Hospitals, Inc. The abatement commenced December 1, 2013 with the relocation and consolidation of headquarters and certain central corporate operations to a location within the boundaries of the Metropolitan Government. LifePoint will remit 0% of the standard tax for real property excluding 15% of a garage which is not subleased by LifePoint) and 0% of the standard tax for personal property only on personal property of and related to their IT center.
- HCA Information and Technology Services, Inc. The abatement commenced on December 31, 2013 with the construction of a new regional data center. HCA will remit 40% of the standard tax for real property applicable to the new regional data center and 40% of the standard tax for personal property acquired for the new regional data center and that used in connection with the existing facilities expansion. Following a formal appeal by HCA, the personal property values for tax years 2014-2016 were reduced as per certified re-assessments by the State Board of Equalization. Consequently, these reductions are reflected in the abatement shown in the table below.
- Standard Candy Company, Inc. The abatement commenced October 9, 2012 with the expansion of Standard's existing location. Standard will remit 50% of the standard tax for real property applicable to the building addition and 50% of the standard tax for personal property used in the building addition.
- AmSurg Corp. The abatement commenced January 23, 2015 with the construction of new consolidated headquarters. AmSurg will remit 0% of the standard tax for real property.
- JGC Food Co., LLC The abatement commenced December 31, 2013 with the renovation and improvement of an existing manufacturing facility under the original agreement with Oberto Sausage Company. On May 10, 2016, the Board accepted notice of assignment of the real property PILOT agreement to JCG Foods Co., LLC. Additionally on that date the Board approved the equipment purchase option exercised by Oberto Sausage Company which ended the PILOT agreement on personal property.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

JCG retained the Oberto Nashville plant employees. JGC will remit tax for real property equal to \$89,846 (tax year 2011 standard tax) plus 50% of the current year standard tax less \$89,846.

- Asurion, LLC The abatement commenced January 1, 2016 with the rehabilitation of an existing office building and construction of a parking lot in Antioch. Asurion will remit tax for real property for the building equal to \$126,448 (tax year 2013 standard tax) plus 0% of the increase in standard tax; and for the parking lot, \$10,000 (tax year 2013 standard tax) plus 0% of the increase in the standard tax. Personal property tax abatement began tax year 2017.
- WCP Properties, LLC, a subsidiary of HCA Holdings, Inc. The abatement commenced on December 28, 2016 with the relocation and consolidation of headquarters for HCA subsidiaries Parallon Business Solutions, HealthTrust Purchasing Group and Sarah Cannon Holdings to a newly constructed facility. WCP will remit 100% of the standard tax minus a PILOT deduction of \$3,000,000 (deduction subject to any adjustment required if there is a shortfall of projected incremental positions for the calendar year). If the deduction is greater than the standard tax in any given year, the remainder will be accrued and carried forward to the following year.
- Bridgestone Americas, Inc. The abatement commenced on August 7, 2017 with the relocation and consolidation of its headquarters and the headquarters of certain of its subsidiaries to a newly constructed facility. Subsidiaries include but are not limited to Bridgestone Americas Retail Operations, LLC, Firestone Industrial Products Company, LLC and Firestone Building Products Company, LLC. Bridgestone will remit 0% of the standard tax for real property (excluding office building space not subleased by Bridgestone and garage parking spaces not subleased or otherwise made available to Bridgestone).

The following is a summary of the property tax abatements for the fiscal year ended June 20, 2018:

PILOT Agreement	Start Date	End Date	Abatement		
Dell Computer Corporation	September 28, 1999	December 31, 2039	\$	237,873	
Omni Nashville, LLC	September 20, 2011	December 31, 2030		2,282,645	
HealthSpring, Inc.	August 16, 2011	August 16, 2021		221,409	
LifePoint Hospitals, Inc.	December 1, 2013	December 1, 2028		673,780	
HCA Information and Technology Services, Inc.	December 31, 2013	December 31, 2020		480,617	
Standard Candy Company, Inc.	December 9, 2012	December 31, 2018		13,176	
AmSurg Corp.	January 23, 2015	December 31, 2023		323,425	
JGC Food Co., LLC	December 31, 2013	December 31, 2018		15,368	
Asurion, LLC	January 1, 2016	December 31, 2019		50,176	
WCP Properties, LLC	December 28, 2016	December 28, 2031		1,986,886	
Bridgestone Americas, Inc.	August 7, 2017	August 7, 2037		320,364	
Total Abatement			\$	6,605,719	

#### **NOTE 17 - SUBSEQUENT EVENTS**

# **Primary Government**

On July 31, 2018, the Government issued general obligation commercial paper notes in the amount of \$50,000,000 with various maturity dates ranging from September 20, 2018 through October 23, 2018, at interest rates ranging from 1.76% to 1.77%. These obligations were or will be refunded with rollover notes at their maturity dates.

On August 14, 2018, the Government issued Water and Sewer commercial paper notes in the amount of \$25,000,000 maturing on November 13, 2018 at an interest rate of 1.75%. These obligations were or will be refunded with rollover notes at their maturity dates.

On September 5, 2018, the Metropolitan Council approved the issuance of \$50,000,000 of general obligation bonds for the purpose of funding various costs related to the construction of a soccer stadium at the fairgrounds. \$25,000,000 is to be used for the relocation of existing buildings and facilities located at the fairgrounds, and \$25,000,000 is to be used for infrastructure related to the soccer stadium.

### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

On October 22, 2018, the Metropolitan Council approved the adoption of a new capital spending plan in the amount of \$351,000,000.

On October 22, 2018, the Metropolitan Council approved legislation reducing the amount of bonds authorized to be issued to reflect that certain projects were completed at costs less than the original authorized amounts totaling \$5,000,000 and that premiums received on prior bond issues have funded certain projects totaling \$194,899,705.

On October 25, 2018, the Government issued \$715,955,000 General Obligation Improvement Bonds, Series 2018, maturing on July 1, 2038, with interest rates ranging from 4.00% to 5.00%. The net proceeds of the Series 2018 bonds totaled \$776,770,772 (including original issue premium) of which \$650,000,000 was used to fund maturing commercial paper notes, \$1,769,764 was used to cover underwriting fees and other costs of issuance, and \$125,001,008 will be used to fund future capital project spending.

After approving the issuance of bonds, adopting the legislation reducing the amount of bonds authorized, and issuing the Series 2018 bonds, authorized but unissued general obligation bonds total \$1,160,313,000.

#### **Component Units**

On August 31, 2018 the Convention Center Authority purchased property at 719 4<sup>th</sup> Avenue South in Nashville for \$3.9 million. This lot will be used as a marshalling yard for events and additional parking to supplement the garage at the Music City Center.

#### REQUIRED SUPPLEMENTARY INFORMATION

#### CONDITION RATING OF TRANSPORTATION NETWORK (CONTINUED)

Unaudited – See Accompanying Accountants' Report

The transportation network of the Government is segregated into two subsystems: roads and streets, and bridges and underpasses. Information regarding condition and needed, budgeted and actual maintenance costs is presented below.

#### **ROADS AND STREETS PAVING**

#### Percentage of Lane Miles in Fair or Better Condition

2018	2017	2016 2015		2014		
71.6 %	71.6 %	66.2 %	60.5 %	61.6 %		

The condition of road and street pavement is measured using a vehicle called the South Dakota Road Profiler and calculated using the Cartegraph Pavement View Plus pavement management system. The condition is determined based on data collected by the laser road surface test located beneath the Profiler (surface condition) and the distresses are collected from roadway images along with other road and street information such as traffic surface type, street length, street width, area and location. The system uses a measurement scale that is based on a condition index ranging from zero for a pavement in very poor condition to 100 for a pavement in excellent condition. The condition index is used to classify roads and streets as excellent (100-85), good (84-80), fair (79-70) and below standard (less than 69). It is the policy of the Government to maintain at least 70 percent of its road and street system at a fair or better condition.

Condition assessments are collected on an annual basis for half of the county. For assessment purposes, the county is divided into 5 groups with groups 1, 3 and 4 assessed in one year and groups 2 and 5 assessed in the alternate year. While the measurement process remains consistent, the system for accumulating the data changed in fiscal year 2018 resulting in a revision to the timing of the receipt of the final condition level. Accordingly, the condition of groups 2 and 5 which was assessed in fiscal year 2017 is being reported in fiscal years 2017 and 2018. The condition level which was estimated at 67.2% when reported in fiscal 2017 has been revised to reflect the actual condition level of 71.6%. The condition of groups 1, 3 and 4 was assessed in fiscal 2018 and will be reported in fiscal year 2019 when the final conditional level is available.

In May 2010, the Government experienced a major, historic flood which had a significant negative impact on the condition of roads and streets, and the percentage of roads and streets in fair or better condition decreased from 70.0% in the 2010 assessment to 52.7% in the 2011 assessment. Several recent winters of more snow, ice and salt usage than normal have continued to provide challenges to improving road and street condition. Also, the Government has experienced population growth, increased tourism, and significant construction which have added more vehicles and equipment on the roadways causing additional deterioration. While there were lower than historical condition levels in the years subsequent to the flood, the condition of roads and streets has continued a steady recovery through the Government's efforts as evidenced by the improvement in the condition since the flood and the return to a condition level in 2017 that exceeds the policy level.

There were 18 lane miles of roads added in 2018, bringing the total to 5,911 lane miles of roads and streets in the transportation network. The majority of the growth is due to additions of two-lane roads from new developments.

#### Comparison of Needed and Budgeted to Actual Maintenance

	2018	2017	2016	2015	2014	2013
Needed	\$ 35,000,000	\$ 35,000,000	\$ 20,000,000	\$ 32,000,000	\$ 20,000,000	\$ 20,000,000
Budgeted	\$ 35,000,000	\$ 35,000,000	\$ 20,000,000	\$ 30,000,000	\$ 20,000,000	\$ 25,000,000
Cumulative Spent	4,975,192	29,370,737	18,526,939	24,892,370	18,675,917	25,000,000
Difference	\$ 30,024,808	\$ 5,629,263	\$ 1,473,061	\$ 5,107,630	\$ 1,324,083	\$ -

The **needed** amount represents the estimated amount that would need to be spent annually to maintain 70% of the roads and streets at a fair or better condition. The **budgeted** amount is the amount approved in each year's capital spending plan. The **cumulative spent** is total actual expenditures across all fiscal years for each capital spending plan.

#### REQUIRED SUPPLEMENTARY INFORMATION

# CONDITION RATING OF TRANSPORTATION NETWORK (CONTINUED)

Unaudited – See Accompanying Accountants' Report

Maintaining the condition of the roads and streets in accordance with the policy referenced above continues to be a priority as evidenced by the continual funding in the capital plans.

# **BRIDGES AND UNDERPASSES**

# Percentage of Deck Area in Fair or Better Condition

2018	2017	2016	2015	2014
98.0 %	97.0 %	97.0 %	97.1 %	97.1 %

Condition assessments are determined by the State every two years. Results are released by the State late in the calendar year. Thus, the most recent assessment results were provided late in calendar year 2017 and reported for fiscal 2018. Due to this timing, condition assessments reported above for each even year are the results provided by the State. The condition for each odd year is reported at the previous year's value unless the Public Works Department of the Government has a basis for recalculation internally.

The condition of bridges and underpasses is measured using the Federal Aid Bridge Inspection System supervised by the Tennessee Department of Transportation (TDOT), which is based on a two-year cycle of inspections of structures designated in two categories: Non-Federal Aid and Federal Aid Urban. The inspection system uses a measurement that classifies the condition as good, fair, poor or critical. The Public Works Department of the Government reviews all findings on all inspections. It is the policy of the Government to maintain at least 75 percent of its bridges and underpasses in fair or better condition.

There are currently 216 Non-Federal Aid and 107 Federal Aid Urban bridges and underpasses in the transportation network determined from the final analysis of the 2017 inspection. Total square feet of deck area is estimated to be 1,342,726. Deck area is calculated based on TDOT inspection reports for bridges conveying vehicular traffic only.

#### Comparison of Needed and Budgeted to Actual Maintenance

	2018		2017	 2016	2015	 2014	_	 2013
Needed	\$	<u>-                                    </u>	\$ 15,000,000	\$ 10,000,000	\$ 6,000,000	\$ 	=	\$ 4,750,000
Budgeted	\$	- ;	\$ 10,000,000	\$ 10,000,000	\$ 6,000,000	\$ -		\$ 4,750,000
Cumulative Spent		<u>-</u> -	4,273,794	 6,803,652	 5,605,156	 	_	 4,731,188
Difference	\$	<u>-                                    </u>	5,726,206	\$ 3,196,348	\$ 394,844	\$ <u>-</u>	=	\$ 18,812

The **needed** amount represents the estimated amount that would need to be spent annually to maintain 75% of the bridges and underpasses at a fair or better condition. The **budgeted** amount is the amount approved in each year's capital spending plan. The **cumulative spent** is total actual expenditures across all fiscal years for each capital spending plan. For 2014, the capital spending plan including \$18 million for bridges, which was all designated for the construction of a new Gulch connector bridge. There was no amount for bridges included in the 2018 capital spending plan.

Maintaining the condition of bridges and underpasses in accordance with the Government's policy referenced above continues to be a priority as evidenced by the continual funding in the capital plans and as reflected in the consistently high condition ratings.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF EMPLOYER CONTRIBUTIONS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

		2018			2017		2016
County Plan	•	4 000 400		•	4 000 700		Ф 4.070.004
Actuarily determined contribution Contributions	\$	1,098,462		\$	1,226,793		\$ 1,376,864
Contributions Contribution deficiency (excess)	\$	1,098,462		\$	1,226,793		1,376,864
	\$			\$			\$ -
Covered payroll	Ф	-		Φ	-		Φ -
Contributions as a percentage of covered payroll		-	%		-	%	- %
Metro Plan							
Actuarily determined contribution	\$	66,281,669		\$	58,957,156		\$ 60,266,986
Contributions		76,539,373			73,868,818		85,676,490
Contribution deficiency (excess)		(10,257,704)		\$	(14,911,662)		\$ (25,409,504)
Covered payroll	\$	577,129,309		\$	538,698,977		\$ 531,266,978
Contributions as a percentage of covered payroll		13.26	%		13.71	%	16.13 %
County Education Plan							
Actuarily determined contribution	\$	2,932,320		\$	3,451,079		\$ 3,760,411
Contributions		2,932,320			3,451,079		3,760,411
Contribution deficiency (excess)	\$			\$	-		\$ -
Covered payroll	\$	-		\$	-		\$ -
Contributions as a percentage of covered payroll		-	%		-	%	- %
Metro Education Plan							
Actuarily determined contribution	\$	9,424,805		\$	10,943,447		\$ 12,289,725
Contributions		22,681,681			21,539,285		20,620,889
Contribution deficiency (excess)		(13,256,876)		\$	(10,595,838)		\$ (8,331,164)
Covered payroll	\$	-		\$	-		\$ -
Contributions as a percentage of covered payroll		-	%		-	%	- %
City Plan							
Actuarily determined contribution	\$	5,466,526		\$	5,760,814		\$ 6,134,921
Contributions	•	5,466,526		•	5,760,814		6,134,921
Contribution deficiency (excess)	\$	-		\$	-		\$ -
Covered payroll	\$	-		\$	-		\$ -
Contributions as a percentage of covered payroll		-	%		-	%	- %
City Education Plan							
City Education Plan Actuarily determined contribution	\$	1,307,430		\$	1,512,381		\$ 1,600,371
Contributions	φ			φ	1,512,381		1,600,371
Contributions Contribution deficiency (excess)	\$	1,307,430		\$	1,012,301		\$ -
Covered payroll	\$			\$			\$ -
Covered payroll	Ψ	-		Ψ	-		Ψ -
Contributions as a percentage of covered payroll		-	%		-	%	- %

<sup>(1)</sup> Information regarding contributions is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF EMPLOYER CONTRIBUTIONS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

2015	2014
\$ 1,473,420 1,473,442 \$ (22) \$ -	\$ 1,413,489 1,571,769 \$ (158,280) \$ -
- %	- %
\$ 79,682,979 94,045,896 \$ (14,362,917) \$ 513,759,048	\$ 87,643,045 87,643,045 \$ - \$ 556,220,289
18.31 %	15.76 %
\$ 4,594,448 4,594,448 \$ -	\$ 4,570,592 3,975,666 \$ 594,926 \$ -
- %	- %
\$ 13,593,369 18,340,834 \$ (4,747,465) \$ -	\$ 14,708,257 18,808,832 \$ (4,100,575) \$ -
- %	- %
\$ 6,688,724 6,688,827 \$ (103) \$ -	\$ 6,650,683 7,223,872 \$ (573,189) \$ -
- %	- %
\$ 2,427,465 2,427,465 <del>\$ -</del>	\$ 2,190,063 1,932,219 \$ 257,844 \$
- %	- %

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF EMPLOYER CONTRIBUTIONS - PENSION PLANS

# LAST FIVE FISCAL YEARS (CONTINUED)

Unaudited - See Accompanying Accountants' Report

County

Metro

	County Plan	Metro	Education	Education
Notes to Schedule	Plan	Plan	Plan	Plan
Valuation date:				
Actuarially determined contribution rates are calculate one year prior to the end of the fiscal year in which co	· ·	ted.		
Methods and assumptions used to determine contrib	ution rates:			
Actuarial cost method	entry age normal	entry age normal	entry age normal	entry age normal
Amortization method	level dollar open	level dollar closed	level dollar open	level dollar closed
Amortization period	8 years	30 years	8 years	30 years
Asset valuation method	market	5 year smoothed market	market	5 year smoothed market
Investment rate of return	7.25%	7.25%	7.25%	7.25%
Projected salary increases	N/A	4.00%	N/A	N/A
Inflation	2.50%	2.50%	2.60%	2.60%
Postretirement benefit increase adjustments	2.50%	2.50% Division A 1.25% Division B	3.00%	3.00%

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF EMPLOYER CONTRIBUTIONS - PENSION PLANS

# LAST FIVE FISCAL YEARS (CONTINUED)

	City
City	Education
Plan	Plan

entry age normal	entry age normal
level dollar open	level dolla open
8 years	7 years
market	market
7.25%	7.25%
N/A	N/A
2.50%	2.60%
2.50%	3.00%

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

		2018		2017		2016
County Plan						
Total pension liability						
Interest	\$	438,808	\$	504,073	\$	570,348
Difference between expected and		(252.447)		(454.072)		(445,000)
actual experience Changes in assumptions		(352,447) 342,520		(151,873)		(115,892)
Benefit payments, including refunds of		342,320		-		-
member contributions		(1,098,425)		(1,226,758)		(1,377,519)
		<u>, , , , , , , , , , , , , , , , , , , </u>				<u> </u>
Net change in total pension liability		(669,544)		(874,558)		(923,063)
Tatal appairs liability, beginning		0.044.005		7 400 000		0.400.000
Total pension liability - beginning		6,611,665		7,486,223		8,409,286
Total pension liability - ending (a)	\$	5,942,121	\$	6,611,665	\$	7,486,223
Plan fiduciary net position						
Contributions - employer	\$	1,098,462	\$	1,226,793	\$	1,376,864
Net investment income (loss)		(37)		(35)		655
Benefit payments, including refunds of member contributions		(4.009.435)		(4 226 759)		(1 277 510)
member contributions		(1,098,425)		(1,226,758)		(1,377,519)
Net change in plan fiduciary net position		-		-		-
Plan fiduciary net position - beginning		<u>-</u>		<u>-</u>		<u>-</u>
Dieu Calentere et en altieur au d'en (le)	Φ.		Φ.		•	
Plan fiduciary net position - ending (b)	\$	<del>-</del>	\$	<del>-</del>	\$	
Net pension liability - ending (a) - (b)	\$	5,942,121	\$	6,611,665	\$	7,486,223
Plan fiduciary net position as a percentage						
of the total pension liability		- %		- %		- %
,						
Covered payroll	\$	-	\$	-	\$	-
Net pension liability as a percentage of						
covered payroll		N/A		N/A		N/A

<sup>(1)</sup> Information regarding the change in the net pension liability is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

	2015		2014
	_		_
\$	638,093	\$	695,032
	68,376		-
	(1,473,420)		(1,571,769)
	(1,470,420)	-	(1,071,700)
	(766,951)		(876,737)
	9,176,237		10,052,974
\$	8,409,286	\$	9,176,237
\$	1,473,442 (22)	\$	1,571,769 (39)
	(1,473,420)		(1,571,730)
	-		-
	-		-
\$	-	\$	-
\$	8,409,286	\$	9,176,237
	- %		- %
\$	70	\$	70
φ	-	φ	-
	N/A		N/A

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

#### LAST FIVE FISCAL YEARS (1)

		2018			2017		2016
Metro Plan					<del></del>		
Total pension liability							
Service cost	\$	51,260,915	\$	5	47,633,085	\$	47,248,901
Interest		221,805,983			215,468,983		208,309,697
Difference between expected and							
actual experience		(21,739,996)			(4,850,344)		(25,817,354)
Changes in assumptions		103,946,322			-		-
Benefit payments, including refunds of							
member contributions	_	(166,196,565)	_		(158,693,272)	_	(152,601,796)
Net change in total pension liability		189,076,659			99,558,452		77,139,448
Total pension liability - beginning		3,009,103,042	_	:	2,909,544,590		2,832,405,142
Total pension liability - ending (a)	\$	3,198,179,701	\$	\$ ;	3,009,103,042	\$	2,909,544,590
Plan fiduciary net position							
Contributions - employer	\$	76,539,373	\$	6	73,868,818	\$	85,676,490
Contributions - members		79,136			60,916		73,171
Net investment income		242,164,720			369,032,095		6,343,038
Transfers in		316,543			281,871		244,632
Benefit payments, including refunds of							
member contributions		(166,196,565)			(158,693,272)		(152,601,796)
Adminstrative expense	_	(4,590,257)	_		(4,518,466)	_	(15,004,614)
Net change in plan fiduciary net position		148,312,950			280,031,962		(75,269,079)
Plan fiduciary net position - beginning		2,968,258,792	_	:	2,688,226,830		2,763,495,909
Plan fiduciary net position - ending (b)	\$	3,116,571,742	\$	5 2	2,968,258,792	\$	2,688,226,830
Net pension liability - ending (a) - (b)	\$	81,607,959	\$	5	40,844,250	\$	221,317,760
Plan fiduciary net position as a percentage of the total pension liability		97.45	%		98.64 %		92.39 %
Covered payroll	\$	577,129,309	\$	5	538,698,977	\$	531,266,978
Net pension liability as a percentage of covered payroll		14.14	%		7.58 %		41.66 %

<sup>(1)</sup> Information regarding the change in the net pension liability is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

	2015	-	 2014	
\$	45,995,228 202,724,640		\$ 49,413,232 200,086,120	
	(67,376,484)		-	
	(146,745,385)		(140,187,828)	_
	34,597,999		109,311,524	
	2,797,807,144	•	 2,688,495,620	-
\$	2,832,405,143	=	\$ 2,797,807,144	=
\$	94,045,896		\$ 87,643,045	
	57,996		73,973	
	124,578,432		410,309,219	
	169,363		132,383	
	(146,745,385)		(140,187,828)	
	(5,974,504)		(2,888,963)	
	66,131,798	•	355,081,829	•
_	2,697,364,111	_	 2,342,282,282	
\$	2,763,495,909	<b>:</b>	\$ 2,697,364,111	
\$	68,909,234	<u>.</u>	\$ 100,443,033	
	97.57	%	96.41	%
\$	513,759,048		\$ 556,220,289	
	13.41	%	18.06	%

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

#### LAST FIVE FISCAL YEARS (1)

	2018		2017		2016
County Education Plan					
Total pension liability		•		•	
Interest	\$ 2,094,216	\$	2,410,942	\$	2,679,861
Difference between expected and actual experience	(526,214)		(270,339)		(16,830)
Changes in assumptions	349,762		(270,339)		(10,030)
Benefit payments, including refunds of	0.10,1.02				
member contributions	(5,229,770)		(5,759,535)		(6,230,661)
Net change in total pension liability	(3,312,006)		(3,618,932)		(3,567,630)
Total pension liability - beginning	 31,677,073		35,296,005		38,863,635
Total pension liability - ending (a)	\$ 28,365,067	\$	31,677,073	\$	35,296,005
Plan fiduciary net position					
Contributions - employer	\$ 2,932,320	\$	3,451,079	\$	3,760,411
Contributions - State of Tennessee	2,286,856		2,502,109		2,683,194
Net investment income	12,047		5,177		4,979
Benefit payments, including refunds of member contributions	(5,229,770)		(5,759,535)		(6,230,661)
member contributions	 (3,223,110)	-	(0,700,000)		(0,230,001)
Net change in plan fiduciary net position	1,453		198,830		217,923
Plan fiduciary net position - beginning	 1,172,919		974,089		756,166
Plan fiduciary net position - ending (b)	\$ 1,174,372	\$	1,172,919	\$	974,089
Net pension liability - ending (a) - (b)	\$ 27,190,695	\$	30,504,154	\$	34,321,916
Plan fiduciary net position as a percentage					
of the total pension liability	4.14 %		3.70 %		2.76 %
Covered payroll	\$ -	\$	-	\$	-
Net pension liability as a percentage of	<b>N</b> 1/A		<b>N</b> 1/A		N/A
covered payroll	N/A		N/A		N/A
Proportionate share of collective net pension liability:					
Employer	\$ 19,479,165	\$	21,856,380	\$	25,230,145
State of Tennessee	7,711,530		8,647,774		9,091,771
Employer's share of net pension liability					
as a percentage of covered payroll	N/A		N/A		N/A

<sup>(1)</sup> Information regarding the change in the net pension liability is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

2015		2014	
,	•		
\$ 2,944,102		\$ 3,138,071	
1,090,757		-	
 (6,670,328)	•	(6,959,832)	
(2,635,469)		(3,821,761)	
 41,499,104		45,320,865	
\$ 38,863,635	:	\$ 41,499,104	
\$ 4,594,448 2,831,644 402		\$ 3,975,666 2,983,251 915	
 (6,670,328)		(6,959,832)	
756,166		-	
<u>-</u>			
\$ 756,166	:	\$ 	
\$ 38,107,469	:	\$ 41,499,104	
1.95 %	, D	_ (	%
\$ -		\$ -	
N/A		N/A	
\$ 28,119,171 9,988,298		\$ 30,819,136 10,679,968	
N/A		N/A	

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

		2018		2017		2016
Metro Education Plan	_					
Total pension liability						
Interest	\$	17,166,802	\$	18,530,511	\$	19,702,025
Difference between expected and		(4.400.540)		(0.400.705)		(4.470.400)
actual experience		(1,192,513)		(3,102,795)		(4,470,482)
Changes in assumptions Benefit payments, including refunds of		3,758,964		-		-
member contributions		(31,087,074)		(31,686,860)		(32,751,992)
	_	(01,001,011)		(=1,==1,==1)		(==,:::,::=)
Net change in total pension liability		(11,353,821)		(16,259,144)		(17,520,449)
Total pension liability - beginning	_	249,760,555		266,019,699		283,540,148
Total pension liability - ending (a)	\$	238,406,734	\$	249,760,555	\$	266,019,699
<b>D. C.</b> 1						
Plan fiduciary net position Contributions - employer	æ	22 604 604	æ	24 520 205	æ	20 620 880
Contributions - employer  Contributions - State of Tennessee	\$	22,681,681 10,935,092	\$	21,539,285 11,315,146	\$	20,620,889 11,713,047
Net investment income		6,156,974		8,965,201		180,416
Benefit payments, including refunds of		0,130,974		0,903,201		100,410
member contributions		(31,087,074)		(31,686,860)		(32,751,992)
Adminstrative expense		(20,154)		(17,914)		(64,951)
Tallinottative expense	_	(20,101)		(17,011)		(01,001)
Net change in plan fiduciary net position		8,666,519		10,114,858		(302,591)
Plan fiduciary net position - beginning	_	89,448,235		79,333,377		79,635,968
Plan fiduciary net position - ending (b)	\$	98,114,754	\$	89,448,235	\$	79,333,377
	_		_		_	
Net pension liability - ending (a) - (b)	<u>\$</u>	140,291,980	\$	160,312,320	\$	186,686,322
Plan fiduciary net position as a percentage						
of the total pension liability		41.15 %		35.81 %		29.82 %
Covered payroll		-	\$	-	\$	-
Net pension liability as a percentage of						
covered payroll		N/A		N/A		N/A
Proportionate share of collective						
net pension liability:						
Employer		65,572,138	\$	80,651,942	\$	101,574,332
State of Tennessee		74,719,842	,	79,660,378	•	85,111,990
				•		· ·
Employer's share of net pension liability						
as a percentage of covered payroll		N/A		N/A		N/A

<sup>(1)</sup> Information regarding the change in the net pension liability is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

 2015	-		2014	
\$ 20,961,496		\$	22,092,743	
(2,986,289)			- -	
(33,815,913)			(34,563,595)	
 (15,840,706)	•	•	(12,470,852)	
 299,380,854			311,851,706	
\$ 283,540,148	I	\$	299,380,854	
\$ 18,340,834 12,196,548 3,663,454		\$	18,808,832 12,635,252 12,453,816	
(33,815,913) (29,951)			(34,563,595) (30,318)	
354,972			9,303,987	
79,280,996			69,977,009	
\$ 79,635,968	:	\$	79,280,996	
\$ 203,904,180	•	\$	220,099,858	
\$ 28.09	%		26.48	%
N/A			N/A	
\$ 112,853,583 91,050,597			123,003,473 97,096,385	
N/A			N/A	

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

	2018	2017	2016
<u>City Plan</u>			
Total pension liability			
Interest	\$ 2,213,373	\$ 2,528,113	\$ 2,603,078
Difference between expected and	(0.054.400)	0.047.704	(4.444.044)
actual experience Changes in assumptions	(2,051,468) 1,957,960	2,347,731	(1,111,344) -
Benefit payments, including refunds of	1,007,000		
member contributions	 (5,466,337)	 (5,760,650)	(6,140,053)
Net change in total pension liability	(3,346,472)	(884,806)	(4,648,319)
Total pension liability - beginning	 33,355,956	34,240,762	 38,889,081
Total pension liability - ending (a)	\$ 30,009,484	\$ 33,355,956	\$ 34,240,762
hard coded - should be per formula			
Plan fiduciary net position			
Contributions - employer	\$ 5,466,526	\$ 5,760,814	\$ 6,134,921
Net investment income (loss)  Benefit payments, including refunds of	(189)	(164)	5,132
member contributions	 (5,466,337)	 (5,760,650)	(6,140,053)
Net change in plan fiduciary net position	-	-	-
Plan fiduciary net position - beginning	 <u>-</u>	<u>-</u>	 
Plan fiduciary net position - ending (b)	\$ -	\$ <u>-</u>	\$ -
Net pension liability - ending (a) - (b)	\$ 30,009,484	\$ 33,355,956	\$ 34,240,762
Plan fiduciary net position as a percentage of the total pension liability	- %	- %	- %
Covered payroll	\$ -	\$ -	\$ -
Net pension liability as a percentage of covered payroll	N/A	N/A	N/A

<sup>(1)</sup> Information regarding the change in the net pension liability is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

 2015	 2014
\$ 2,946,519	\$ 3,276,664
(722,290)	-
 (6,688,724)	 (7,223,872)
(4,464,495)	(3,947,208)
 43,353,576	 47,300,784
\$ 38,889,081	\$ 43,353,576
\$ 6,688,827 (103)	\$ 7,223,872 (186)
(6,688,724)	(7,223,686)
-	-
 <u>-</u>	 <u>-</u>
\$ -	\$ 
\$ 38,889,081	\$ 43,353,576
- %	- %
\$ -	\$ -
N/A	N/A

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

#### LAST FIVE FISCAL YEARS (1)

		2018		2017		2016
City Education Plan						
Total pension liability						
Interest	\$	1,027,350	\$	1,105,404	\$	1,305,770
Difference between expected and actual experience		1,129,389		(823,677)		(102,207)
Changes in assumptions		158,057		(023,077)		(102,207)
Benefit payments, including refunds of		,				
member contributions		(2,876,029)		(3,046,404)		(3,260,870)
Net change in total pension liability		(561,233)		(2,764,677)		(2,057,307)
Total pension liability - beginning		14,320,920		17,085,597		19,142,904
Total pension liability - ending (a)	\$	13,759,687	\$	14,320,920	\$	17,085,597
hard coded - should be per formula						
Plan fiduciary net position	Φ.	4 007 400	Φ.	4 540 004	Φ.	4 000 074
Contributions - employer Contributions - State of Tennessee	\$	1,307,430 1,560,512	\$	1,512,381 1,667,091	\$	1,600,371 1,804,508
Net investment income		9,464		4,096		4,141
Benefit payments, including refunds of		2,121		1,000		,,
member contributions		(2,876,029)		(3,046,404)		(3,260,870)
Net change in plan fiduciary net position		1,377		137,164		148,150
Plan fiduciary net position - beginning		920,749		783,585		635,435
Plan fiduciary net position - ending (b)	\$	922,126	\$	920,749	\$	783,585
Net pension liability - ending (a) - (b)	\$	12,837,561	\$	13,400,171	\$	16,302,012
Plan fiduciary net position as a percentage						
of the total pension liability		6.70 %		6.43 %		4.59 %
Covered payroll	\$	-	\$	-	\$	-
Net pension liability as a percentage of covered payroll		N/A		N/A		N/A
Proportionate share of collective net pension liability:						
Employer	\$	9,125,373	\$	9,431,053	\$	11,599,369
State of Tennessee		3,712,188		3,969,118		4,702,643
Employer's share of net pension liability						
as a percentage of covered payroll		N/A		N/A		N/A

<sup>(1)</sup> Information regarding the change in the net pension liability is only available for the last five fiscal years.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS - PENSION PLANS

# LAST FIVE FISCAL YEARS (1)

	2015	•		2014	
\$	1,463,455		\$	1,567,660	
	830,248			-	
	(3,666,567)			(3,908,042)	
	(0,000,007)	•		(0,000,042)	
	(1,372,864)			(2,340,382)	
	20,515,768			22,856,150	
\$	19,142,904	:	\$	20,515,768	
\$	2,427,465		\$	1,932,219	
·	1,874,231		·	1,975,167	
	306			656	
	(3,666,567)			(3,908,042)	
	635,435			-	
	-			-	
\$	635,435		\$		
\$	18,507,469	:	\$	20,515,768	
	3.32	%		- '	%
\$	-		\$	-	
	N/A			N/A	
\$	13,104,977		\$	14,738,952	
	5,402,492			5,776,816	
	N/A			N/A	

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF INVESTMENT RETURNS - PENSION PLANS

#### LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

Annual Money-Weighted Rate of Return, Net of Investment Expense

For the year ended June 30,	
2018	6.79 %
2017	12.87
2016	0.64
2015	4.87
2014	17.83
2013	13.72
2012	1.07
2011	20.93
2010	15.17
2009	(20.80)



# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF THE GOVERNMENT'S CONTRIBUTIONS TEACHER PENSION PLANS OF THE TCRS

#### LAST FIVE FISCAL YEARS (1)

	2018	_	 2017		2016	<b>-</b> 1
Teacher Legacy Pension Plan						
Contractually required contribution	\$ 25,370,355		\$ 26,023,655		\$ 27,095,828	
Contributions	25,370,355	_	 26,023,655		 27,095,828	_
Contribution deficiency (excess)	\$ -	=	\$ -		\$ -	:
Covered payroll	\$ 279,409,159		\$ 288,101,769		\$ 299,732,644	
Contributions as a percentage of						
covered payroll	9.08	%	9.03	%	9.04	%
Teacher Retirement Plan (2)						
Contractually required contribution	\$ 4,048,841		\$ 3,222,337		\$ 1,401,866	
Contributions	4,048,841	_	3,222,337	_	2,240,133	
Contribution deficiency (excess)	\$ -	=	\$ -		\$ (838,267)	:
Covered payroll	\$ 84,935,556		\$ 80,335,323		\$ 56,002,899	
Contributions as a percentage of						
covered payroll	4.77	%	4.01	%	4.00	%

<sup>(1)</sup> Information regarding contributions is only available for the last five fiscal years.

<sup>(2)</sup> The Teacher Retirement Plan was established July 1, 2014. Information for 2014 is not applicable.

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF THE GOVERNMENT'S CONTRIBUTIONS TEACHER PENSION PLANS OF THE TCRS

# LAST FIVE FISCAL YEARS (1)

	2015	•	2014					
\$	28,722,365 28,722,365		\$	30,470,761 30,470,761				
Ψ		;	Ψ					
\$	317,726,673		\$	343,139,202				
	9.04	%		8.88	%			
\$	29,367		\$	N/A				
Ψ	1,174,675		Ψ	N/A				
\$	(1,145,308)		\$	N/A				
_					•			
\$	29,366,650		\$	N/A				
	4.00	%		N/A	%			

# REQUIRED SUPPLEMENTAL INFORMATION

# SCHEDULE OF THE GOVERNMENT'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY (ASSET) TEACHER PENSION PLANS OF THE TCRS

For the Year Ended June 30, (1)

	2017		2016		2015		2014
Teacher Legacy Pension Plan							
The Government's proportion of the net pension liability (asset)	(8.14) %	)	8.30	%	8.49 %	ı	(8.74) %
The Government's proportionate share of the net pension liability (asset)	\$ (2,664,452)	\$	51,891,059	\$	3,476,720	\$	(1,420,602)
The Government's covered payroll	\$ 288,101,769	\$	299,732,644	9	317,726,673	\$	343,139,202
The Government's proportionate share of the net pension liability (asset) as a percentage of its covered payroll	(0.92) %	)	17.31	%	1.09 %	ı	(0.41) %
Plan fiduciary net position as a percentage of the total pension liability	100.14 %	)	97.14	%	99.81 %		(100.08) %
Teacher Retirement Plan (2)							
The Government's proportion of the net pension liability (asset)	(12.27) %	o	(12.73) 9	%	(14.13) %	ı	N/A %
The Government's proportionate share of the net pension liability (asset)	\$ (3,238,283)	\$	(1,325,015)	Ş	5 (568,609)	\$	N/A
The Government's covered payroll	\$ 80,335,323	\$	56,002,899	9	29,366,650	\$	N/A
The Government's proportionate share of the net pension liability (asset) as a percentage of its covered payroll	(4.03) %	<b>.</b>	(2.37)	%	(1.94) %	ı	N/A %
Plan fiduciary net position as a percentage of the total pension liability	126.81 %	)	121.88	%	127.46 %		N/A %

<sup>(1)</sup> The amount presented were determined as of June 30 of the prior fiscal year.

<sup>(2)</sup> The Teacher Retirement Plan was established July 1, 2014. Information for 2014 is not applicable.

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF CHANGES IN THE TOTAL OPEB LIABILITY AND RELATED RATIOS - OPEB PLANS

#### CURRENT YEAR (1)

Unaudited - See Accompanying Accountants' Report

Metro Employees Medical Benefit Plan	_	2018	-
Total OPEB liability	œ.	00 070 557	
Service cost	\$	89,976,557	
Interest		88,163,614	
Benefit payments		(75,805,562)	_
Net change in total OPEB liability		102,334,609	
Total OPEB liability - beginning		2,944,339,551	_
Total OPEB liability - ending	\$	3,046,674,160	
Covered-employee payroll	\$	551,057,810	
Total OPEB liability as a percentage of covered-employee payroll		552.88	%

#### Notes to Schedule:

No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions.

There were no changes of benefit terms or assumptions.

<sup>(1)</sup> Information regarding the change in the total OPEB liability is only available for the current year.

# REQUIRED SUPPLEMENTAL INFORMATION

#### SCHEDULE OF CHANGES IN THE TOTAL OPEB LIABILITY AND RELATED RATIOS - OPEB PLANS

#### CURRENT YEAR (1)

Unaudited - See Accompanying Accountants' Report

	 2018	_
School Professional Employees' Insurance Plan		
Total OPEB liability		
Service cost	\$ 40,017,730	
Interest	24,376,739	
Benefit payments	 (32,370,649)	-
Net change in total OPEB liability	32,023,820	
Total OPEB liability - beginning	 810,364,284	_
Total OPEB liability - ending	\$ 842,388,104	=
Covered-employee payroll	\$ 327,042,788	
Total OPEB liability as a percentage of covered-employee payroll	257.58	%

#### Notes to Schedule:

No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions.

There were no changes of benefit terms or assumptions.

<sup>(1)</sup> Information regarding the change in the total OPEB liability is only available for the current year.



# COMBINING BALANCE SHEET NONMAJOR GOVERNMENTAL FUNDS

June 30, 2018

	Special Revenue Funds							
	Metropolitan Action Commission	General Fund 4% Reserve	Solid Waste Operations					
ASSETS:								
Cash and cash equivalents	\$ -	\$ 58,383,181	\$ 6,753,269					
Accounts receivable	3,206,739	-	1,151,161					
Accrued interest receivable	3,458	81,251	5,277					
Due from other funds of the primary government	344,196	1,222,602	244,253					
Inventories of supplies	-	-	-					
Other assets	<u> </u>	<u> </u>	<u> </u>					
Total assets	\$ 3,554,393	\$ 59,687,034	\$ 8,153,960					
LIABILITIES:								
Accounts payable	\$ 1,174,756	\$ 1,279,804	\$ 2,091,213					
Accrued payroll	576,754	-	285,332					
Due to other funds of the primary government	266,254	531,874	46,687					
Due to component units	<del>-</del>	-	-					
Other liabilities			<u> </u>					
Total liabilities	2,017,764	1,811,678	2,423,232					
DEFERRED INFLOWS OF RESOURCES:								
Unavailable revenue - grants								
Total deferred inflows of resources	<u> </u>	<u> </u>	<u>-</u> _					
FUND BALANCES (DEFICITS):								
Nonspendable	-	-	-					
Restricted for other purposes	1,536,629	-	940,741					
Committed for:								
Equipment acquisitions (appropriated)	-	54,202,931	-					
Equipment acquisitions (unappropriated)	-	3,672,425	-					
Other purposes			4,789,987					
Total fund balances (deficits)	1,536,629	57,875,356	5,730,728					
Total liabilities, deferred inflows of								
resources, and fund balances (deficits)	\$ 3,554,393	\$ 59,687,034	\$ 8,153,960					

# COMBINING BALANCE SHEET NONMAJOR GOVERNMENTAL FUNDS (CONTINUED)

June 30, 2018

# Special Revenue Funds

 Flood 2010 Recovery	_	Education Services	_	Hotel Occupancy Tax	 Convention Center Tax	_	Events And Marketing		And And		CBID Events And Marketing
\$ 27,921,707 8,435,117 82,200 150,005	\$	7,894,482 27,585,434 15,312 1,396,223 946,781 374	\$	10,862,449 7,561,819 8,902 3,493,723 - 500,000	\$ 1,690,945 1,802,091 687 - -	\$	1,635,048 336,621 1,843 - -	\$	4,010,223 353,270 5,332 - -		
\$ 36,589,029	\$	37,838,606	\$	22,426,893	\$ 3,493,723	\$	1,973,512	\$	4,368,825		
\$ 79,482 - 19,466,275 - -	\$	5,071,511 748,439 1,840,764 -	\$	3,030,559 - 2,560,411 10,917,002	\$ - 3,493,723 - -	\$	1,245,000 - - - -	\$	- - - -		
19,545,757	_	7,660,714		16,507,972	 3,493,723		1,245,000		-		
 8,435,117		6,154,063		<u>-</u>	 <u>-</u>		<u>-</u>		<u>-</u>		
8,435,117		6,154,063		-	-	_	-	_			
- 8,608,155		947,155 23,076,674		- 5,918,921	-		- 728,512		- 4,368,825 -		
- - -		- - -		- - <u>-</u>	- - -		- - -		- - -		
8,608,155		24,023,829		5,918,921	 		728,512		4,368,825		
\$ 36,589,029	\$	37,838,606	\$	22,426,893	\$ 3,493,723	\$	1,973,512	\$	4,368,825		

# COMBINING BALANCE SHEET NONMAJOR GOVERNMENTAL FUNDS (CONTINUED)

June 30, 2018

	Speci	al Revenue Funds	Permanent Funds		ids			
		Other Government Services	General Government		Education		(	Total Nonmajor Sovernmental Funds
ASSETS:	•		•		•		•	
Cash and cash equivalents	\$	39,563,911	\$	205,935	\$	188,905	\$	159,110,055
Accounts receivable		16,278,405		-		-		66,710,657
Accrued interest receivable		57,638		282		259		262,441
Due from other funds of the primary government		3,638,309		-		-		10,489,311
Inventories of supplies		194,149		-		-		1,140,930
Other assets		5,010	-					505,384
Total assets	\$	59,737,422	\$	206,217	\$	189,164	\$	238,218,778
LIABILITIES:								
Accounts payable	\$	8,046,187	\$	-	\$	161	\$	22,018,673
Accrued payroll		1,168,300		-		_		2,778,825
Due to other funds of the primary government		5,391,243		-		_		33,597,231
Due to component units		-		-		-		10,917,002
Other liabilities		1,995,878		-		-		1,995,878
Total liabilities		16,601,608		-		161		71,307,609
DEFERRED INFLOWS OF RESOURCES:								
Unavailable revenue - grants		2,404,830						16,994,010
Total deferred inflows of resources		2,404,830						16,994,010
FUND BALANCES (DEFICITS):								
Nonspendable		199,159		105,994		79,118		1,331,426
Restricted for other purposes Committed for:		12,396,806		100,223		109,885		57,785,371
Equipment acquisitions (appropriated)		-		_		_		54,202,931
Equipment acquisitions (unappropriated)		-		_		_		3,672,425
Other purposes		28,135,019						32,925,006
Total fund balances (deficits)		40,730,984		206,217		189,003	_	149,917,159
Total liabilities, deferred inflows of resources, and fund balances (deficits)	\$	59,737,422	\$	206,217	\$	189,164	\$	238,218,778
(4-1-1-1)	<u> </u>	,,		,— · ·	_	,	Ě	, -,



# COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES NONMAJOR GOVERNMENTAL FUNDS

For the Year Ended June 30, 2018

	Special Revenue Funds						
	Metropolitan Action Commission	General Fund 4% Reserve	Solid Waste Operations				
REVENUES:							
Property taxes	\$	- \$ -	\$ -				
Other taxes, licenses and permits		-	-				
Fines, forfeits and penalties			-				
Revenues from the use of money or property	11,284	4 558,002	42,783				
Revenues from other governmental agencies	19,136,294	4 -	294,091				
Commissions and fees			=				
Charges for current services	189,195	5 -	6,825,051				
Compensation for loss, sale or damage to property	1,161	1 -	-				
Contributions and gifts	26,744	4 -	-				
Miscellaneous	390	<u> </u>	32,020				
Total revenues	19,365,068	8 558,002	7,193,945				
EXPENDITURES:							
Current:							
General government			-				
Fiscal administration			-				
Administration of justice			-				
Law enforcement and care of prisoners			-				
Fire prevention and control			-				
Regulation and inspection			-				
Public welfare	24,467,392	2 -	-				
Public health and hospitals			-				
Public library system			-				
Public works, highways and streets			25,918,073				
Recreational and cultural			-				
Education			-				
Capital outlay	-	- 19,031,575	<u> </u>				
Total expenditures	24,467,392	2 19,031,575	25,918,073				
Excess (deficiency) of revenues over expenditures	(5,102,324	4) (18,473,573)	(18,724,128)				
OTHER FINANCING SOURCES (USES):							
Transfers in	5,312,100	0 31,142,209	20,235,800				
Transfers out	(21,962	(9,862,565)	(636,800)				
Total other financing sources (uses)	5,290,138	8 21,279,644	19,599,000				
Net change in fund balances (deficits)	187,814	4 2,806,071	874,872				
FUND BALANCES (DEFICITS), beginning of year	1,348,815	55,069,285	4,855,856				
FUND BALANCES (DEFICITS), end of year	\$ 1,536,629	9 \$ 57,875,356	\$ 5,730,728				

The accompanying notes are an integral part of this financial statement.

### COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES NONMAJOR GOVERNMENTAL FUNDS (CONTINUED)

For the Year Ended June 30, 2018

#### Special Revenue Funds

	Flood 2010 Recovery	Education Services	Hotel Occupancy Tax	Convention Center Tax	Events And Marketing	CBID Events And Marketing
\$	-	\$ -	\$ - 76,556,433	\$ - 18,669,957	\$ - 3,716,106	\$ -
	- 690,553 5,980,541	- 117,917 148,459,356	- 66,355 -	- 7,913 -	9,320 -	33,795 1,962,832
	- - - -	12,460,804 909,765 1,187,678 72,102	- - - - -	- - - - -	- - - - -	- - - -
	6,671,094	163,207,622	76,622,788	18,677,870	3,725,426	1,996,627
	455,819 -		61,335,407	18,677,870	3,495,000	650,000
	-	- -	-	-	-	-
	-	-	-	-	-	-
	- - -	- - -	- -	- -	- - -	- -
	- - -	- - 272,376,343	- - -	- - -	- - -	- - -
	<u>-</u> 455,819	3,833,282 276,209,625	<u>-</u> 61,335,407	 18,677,870	3,495,000	650,000
_	6,215,275	(113,002,003)	15,287,381	-	230,426	1,346,627
	5 -	113,347,203 (3,890,674)	(12,769,698)	- 	<u>-</u>	- -
	5	109,456,529	(12,769,698)			
	6,215,280	(3,545,474)	2,517,683	-	230,426	1,346,627
	2,392,875	27,569,303	3,401,238	<u>-</u>	498,086	3,022,198
\$	8,608,155	\$ 24,023,829	\$ 5,918,921	\$ -	\$ 728,512	\$ 4,368,825

### COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES NONMAJOR GOVERNMENTAL FUNDS (CONTINUED)

For the Year Ended June 30, 2018

	Special Revenue Funds		Permanent Funds					
		Other Government		General			c	Total Nonmajor Sovernmental
		Services		overnment	Е	Education		Funds
REVENUES:		00.1.000					_	
Property taxes	\$	2,861,900	\$	_	\$	-	\$	2,861,900
Other taxes, licenses and permits		484,292		_		-		99,426,788
Fines, forfeits and penalties		4,021,246		-		-		4,021,246
Revenues from the use of money or property		398,329		1,998		1,832		1,940,081
Revenues from other governmental agencies		53,140,621		-		-		228,973,735
Commissions and fees		9,519,060		-		-		9,519,060
Charges for current services		7,649,537		-		-		27,124,587
Compensation for loss, sale or damage to property		108,930		-		-		1,019,856
Contributions and gifts		4,744,687		-		-		5,959,109
Miscellaneous		30						104,542
Total revenues		82,928,632		1,998		1,832		380,950,904
EXPENDITURES:								
Current:								
General government		8,954,389		-		-		93,568,485
Fiscal administration		1,442,826		-		=		1,442,826
Administration of justice		10,578,509		-		=		10,578,509
Law enforcement and care of prisoners		23,651,407		-		-		23,651,407
Fire prevention and control		11,809		-		-		11,809
Regulation and inspection		63,729		-		=		63,729
Public welfare		11,846,310		-		-		36,313,702
Public health and hospitals		23,909,026		-		-		23,909,026
Public library system		854,279		-		-		854,279
Public works, highways and streets		11,713,584		-		-		37,631,657
Recreational and cultural		2,148,090		-		-		2,148,090
Education		-		-		415		272,376,758
Capital outlay		5,282,049						28,146,906
Total expenditures		100,456,007		<u> </u>		415		530,697,183
Excess (deficiency) of revenues over expendit	ure	(17,527,375)		1,998		1,417		(149,746,279)
OTHER FINANCING SOURCES (USES):								
Transfers in		23,341,283		-		=		193,378,600
Transfers out		(4,622,278)						(31,803,977)
Total other financing sources (uses)		18,719,005						161,574,623
Net change in fund balances (deficits)		1,191,630		1,998		1,417		11,828,344
FUND BALANCES (DEFICITS), beginning of year		39,539,354		204,219		187,586		138,088,815
FUND BALANCES (DEFICITS), end of year	\$	40,730,984	\$	206,217	\$	189,003	\$	149,917,159

### SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - BUDGET AND ACTUAL GSD GENERAL PURPOSES DEBT SERVICE FUND

		Budgeted	I Amı	ounts		Actual		ariance with nal Budget - Positive
	Or	iginal		Final	Amounts		(Negative)	
REVENUES:		<u> </u>						( -3
Property taxes	\$ 94	,042,500	\$	94,042,500	\$	91,762,381	\$	(2,280,119)
Local option sales tax	3	,240,500		3,240,500		2,331,521		(908,979)
Fines, forfeits and penalties		282,200		282,200		323,999		41,799
Revenues from other governmental agencies	5	,216,200		5,216,200		6,030,459		814,259
Bond interest tax credit	4	,843,400		4,843,400		4,874,645		31,245
Miscellaneous		-				12		12
Total revenues	107	,624,800		107,624,800		105,323,017		(2,301,783)
EXPENDITURES:								
Principal retirement	85	,945,800		83,345,800		74,519,733		8,826,067
Interest	75	,441,900		75,441,900		76,028,557		(586,657)
Fiscal charges	4	,005,500		4,005,500		4,117,806		(112,306)
Total expenditures	165	,393,200		162,793,200		154,666,096		8,127,104
Excess (deficiency) of revenues over								
expenditures	(57	,768,400)		(55,168,400)		(49,343,079)		5,825,321
OTHER FINANCING SOURCES (USES):								
Transfers in	56	,868,400		54,268,400		45,568,316		(8,700,084)
Total other financing sources (uses)	56	,868,400		54,268,400		45,568,316		(8,700,084)
Net change in fund balances		(900,000)		(900,000)		(3,774,763)		(2,874,763)
FUND BALANCES, beginning of year	9	,437,916		9,437,916		9,437,916		
FUND BALANCES, end of year	\$ 8	,537,916	\$	8,537,916	\$	5,663,153	\$	(2,874,763)

### SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - BUDGET AND ACTUAL GSD SCHOOL PURPOSES DEBT SERVICE FUND

		Budgeted	d Am	ounts	Actual	ariance with nal Budget - Positive
		Original		Final	Amounts	(Negative)
REVENUES:					 _	 _
Property taxes	\$	39,994,500	\$	39,994,500	\$ 38,928,698	\$ (1,065,802)
Local option sales taxes		52,879,800		52,879,800	53,723,716	843,916
Revenues from the use of money or property		97,000	_	97,000	 440,718	 343,718
Total revenues	_	92,971,300		92,971,300	 93,093,132	121,832
EXPENDITURES:						
Principal retirement		51,113,000		53,613,000	54,649,435	(1,036,435)
Interest		41,465,100		41,465,100	39,985,797	1,479,303
Fiscal charges		1,793,200	_	1,793,200	 2,151,653	 (358,453)
Total expenditures		94,371,300		96,871,300	 96,786,885	 84,415
Excess (deficiency) of revenues over						
expenditures		(1,400,000)		(3,900,000)	 (3,693,753)	 206,247
OTHER FINANCING SOURCES (USES):						
Transfers in			_	2,500,000	 1,607,356	 (892,644)
Total other financing sources (uses)				2,500,000	 1,607,356	 (892,644)
Net change in fund balances		(1,400,000)		(1,400,000)	(2,086,397)	(686,397)
FUND BALANCE, beginning of year		6,750,433	_	6,750,433	 6,750,433	 -
FUND BALANCE, end of year	\$	5,350,433	\$	5,350,433	\$ 4,664,036	\$ (686,397)

### SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - BUDGET AND ACTUAL USD GENERAL PURPOSES DEBT SERVICE FUND

		Budgeted	d Ame	ounts	Actual		ariance with nal Budget - Positive
		Original Final			Amounts	(Negative)	
REVENUES:							
Property taxes	\$	15,352,600	\$	15,352,600	\$ 15,496,414	\$	143,814
Total revenues		15,352,600		15,352,600	 15,496,414		143,814
EXPENDITURES:							
Principal retirement		13,931,800		14,031,800	11,628,672		2,403,128
Interest		6,724,800		6,724,800	9,092,203		(2,367,403)
Fiscal charges		618,000		618,000	 579,418		38,582
Total expenditures		21,274,600		21,374,600	 21,300,293		74,307
Excess (deficiency) of revenues over expenditures	_	(5,922,000)		(6,022,000)	 (5,803,879)		218,121
OTHER FINANCING SOURCES (USES): Transfers in		1,841,600		1,941,600	1,841,600		(100,000)
Total other financing sources (uses)		1,841,600		1,941,600	1,841,600		(100,000)
Net change in fund balances		(4,080,400)		(4,080,400)	(3,962,279)		118,121
FUND BALANCES, beginning of year		4,486,431		4,486,431	 4,486,431		-
FUND BALANCES, end of year	\$	406,031	\$	406,031	\$ 524,152	\$	118,121

## THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DESCRIPTION OF NONMAJOR GOVERNMENTAL FUNDS

#### **SPECIAL REVENUE FUNDS**

#### METROPOLITAN ACTION COMMISSION FUND

The Metropolitan Action Commission Fund accounts for the various programs of the Commission which provide education, social skills, meals and before and after care assistance to low-income and disadvantaged children, and energy assistance to low-income individuals.

#### **GENERAL FUND 4% RESERVE FUND**

The General Fund 4% Reserve Fund accounts for 4% of locally generated revenues deposited in the GSD General Fund. Expenditures from this fund are for capital items and are authorized by resolutions of the Metropolitan Council.

#### SOLID WASTE OPERATIONS FUND

The Solid Waste Operations Fund accounts for activities of the Department of Public Works involving refuse collection, recycling, chipper service and other miscellaneous activities as well as federal and state funds for enhancing solid waste management in local communities and solid waste special projects approved by the Metropolitan Council.

#### FLOOD 2010 RECOVERY FUND

The Flood 2010 Recovery Fund accounts for expenditures and revenues from insurance, federal, and state reimbursements, and other sources, related to May 2010 flooding.

#### **EDUCATION SERVICES FUND**

The Education Services Fund accounts for a variety of programs supporting educational activities including various state and federal grant programs, funds reserved for unemployment compensation claims of Metropolitan Nashville Public Schools employees, food service operations of the school system, and fund raising activities of individual schools.

#### HOTEL OCCUPANCY TAX FUND

The Hotel Occupancy Tax Fund is under the administrative responsibility of the Finance Department and was established to account for hotel occupancy tax receipts first levied in 1976. Currently these tax receipts are utilized two-sixths for direct promotion of tourism, three-sixths for the construction, financing and operation of the new Music City Center, and one-sixth for distribution to the General Fund.

#### **CONVENTION CENTER TAX FUND**

The Convention Center Tax Fund is under the administrative responsibility of the Finance Department and was established to account for additional hotel occupancy and other tourist-related tax receipts levied beginning in 2007 to be utilized for the construction, financing and operation of the new Music City Center.

#### **EVENTS AND MARKETING FUND**

The Events and Marketing Fund is under the administrative responsibility of the Finance Department and was established to account for additional hotel occupancy and other tourist-related tax receipts levied beginning in 2008 to be utilized to support events or projects which have a positive economic impact on the Government.

## THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DESCRIPTION OF NONMAJOR GOVERNMENTAL FUNDS (CONTINUED)

#### CBID EVENTS AND MARKETING FUND

The CBID Events and Marketing Fund is under the administrative responsibility of the Finance Department and was established to account for fees beginning in 2014 on retail sales with the Central Business Improvement District to be utilized to support events or projects which have a positive economic impact on the Government.

#### OTHER GOVERNMENT SERVICES FUND

The Other Government Services Fund accounts for funds which support various government activities through federal, state and private grants and contributions, proceeds from the sale of seized property used to support various law enforcement programs, and special revenues supporting other governmental operations.

#### PERMANENT FUNDS

#### **GENERAL GOVERNMENT FUND**

The General Government Fund is used to account for restricted trusts under the administrative responsibility of various departments of the general government.

#### **EDUCATION FUND**

The Education Fund is used to account for restricted trusts under the administrative responsibility of the Metropolitan Board of Education.





### COMBINING STATEMENT OF NET POSITION NONMAJOR ENTERPRISE FUNDS

	Board of Fair Commissioners	Farmers Market	Surplus Property Auction
ASSETS:			
Current assets:			
Cash and cash equivalents	\$ 664,589	\$ 360,473	\$ 2,217,536
Accounts receivable	58,974	-	5,818
Allowance for doubtful accounts	-	-	-
Accrued interest receivable	767	67	2,970
Due from other funds of the primary government	-	20,000	-
Due from component units	-	-	-
Other current assets	8,908	<del>-</del>	
Total current assets	733,238	380,540	2,226,324
Noncurrent assets:			
Capital assets:			
Land	175,293	-	-
Buildings and improvements	8,693,917	3,451,463	-
Improvements other than buildings	3,781,300	163,589	-
Furniture, machinery and equipment	736,575	429,612	-
Property under capital lease	-	3,645,000	-
Construction in progress	1,780,802	-	-
Less accumulated depreciation	(10,968,290)	(4,003,499)	-
Capital assets - net	4,199,597	3,686,165	
Total noncurrent assets	4,199,597	3,686,165	
Total assets	4,932,835	4,066,705	2,226,324
DEFERRED OUTFLOWS OF RESOURCES: Pensions	128,191	38,816	56,180
Total deferred outflows of resources	128,191	38,816	56,180

### COMBINING STATEMENT OF NET POSITION NONMAJOR ENTERPRISE FUNDS (CONTINUED)

Municipal Auditorium	Police Impound	Stormwater Operations	Total Nonmajor Enterprise Funds
\$ 2,075,160 21,749 - 3,067 - - 569	\$ 585,220 - - - - 800 - -	\$ 23,803,287 3,945,718 (947,508) 34,260 3,134,918 100	\$ 29,706,265 4,032,259 (947,508) 41,931 3,154,918 100 9,477
2,100,545	586,020	29,970,775	35,997,442
587,400 12,790,109 84,651 844,496 - 102,628 (9,727,707)	- - - - - -	- - - - - - -	762,693 24,935,489 4,029,540 2,010,683 3,645,000 1,883,430 (24,699,496)
4,681,577	<del>_</del>	<u> </u>	12,567,339
4,681,577 6,782,122	586,020	29,970,775	12,567,339 48,564,781
79,652	<u> </u>	731,259	1,034,098
79,652	<u> </u>	731,259	1,034,098

### COMBINING STATEMENT OF NET POSITION NONMAJOR ENTERPRISE FUNDS (CONTINUED)

	Board of Fair Commissioners		Farmers Market		Surplus Property Auction
LIABILITIES:					
Current liabilities:					
Accounts payable	\$ 156,921	\$	244,987	\$	2,192
Accrued payroll	174,099		25,567		97,483
Due to other funds of the primary government	24,586		5,279		49,111
Due to component units	-		-		974
Customer deposits	-		10,190		-
Unearned revenue	 60,301		-		-
Total current liabilities	 415,907		286,023		149,760
Noncurrent liabilities:					
Net pension liability	 165,691		50,171		72,614
Total noncurrent liabilities	 165,691		50,171		72,614
Total liabilities	 581,598		336,194		222,374
DEFERRED INFLOWS OF RESOURCES:					
Pensions	 239,987		72,667		105,175
Total deferred inflows of resources	 239,987		72,667		105,175
NET POSITION:					
Net investment in capital assets	4,199,597		3,686,165		-
Unrestricted	 39,844		10,495		1,954,955
Total net position	\$ 4,239,441	\$	3,696,660	\$	1,954,955

### COMBINING STATEMENT OF NET POSITION NONMAJOR ENTERPRISE FUNDS (CONTINUED)

Municipal Auditorium	Police Impound	Stormwater Operations	Total Nonmajor Enterprise Funds
\$ 75,892	\$ -	\$ 582,842	\$ 1,062,834
126,106	ψ -	φ 562,642 542,117	965,372
4,226	<del>-</del>	21,610	104,812
, -	-	· -	974
-	-	-	10,190
1,159,099	<u> </u>	<del></del>	1,219,400
1,365,323	<u> </u>	1,146,569	3,363,582
102,952	<u> </u>	945,175	1,336,603
102,952	<u> </u>	945,175	1,336,603
1,468,275	<u> </u>	2,091,744	4,700,185
149,116	<u>-</u>	1,368,994	1,935,939
149,116	-	1,368,994	1,935,939
4,681,577			12,567,339
562,806	586,020	27,241,296	30,395,416
\$ 5,244,383	\$ 586,020	\$ 27,241,296	\$ 42,962,755

## COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION NONMAJOR ENTERPRISE FUNDS

	Board of Fair Commissioners	Farmers Market	Surplus Property Auction
OPERATING REVENUES:			
Charges for services	\$ 3,011,669	\$ 1,094,968	\$ 2,087,939
Total operating revenues	3,011,669	1,094,968	2,087,939
OPERATING EXPENSES:			
Personal services	1,572,886	378,506	568,887
Contractual services	1,408,112	1,399,590	65,151
Supplies and materials	125,168	22,864	3,847
Depreciation	369,859	291,330	-
Other	237,683	15,098	4,712
Total operating expenses	3,713,708	2,107,388	642,597
OPERATING INCOME (LOSS)	(702,039)	(1,012,420)	1,445,342
NONOPERATING REVENUE (EXPENSE):			
Investment income	7,110	1,748	17,179
Gain (loss) on sale of property	, -	, - -	-
Other		-	
Total nonoperating revenue (expense)	7,110	1,748	17,179
INCOME (LOSS) BEFORE TRANSFERS	(694,929)	(1,010,672)	1,462,521
TRANSFERS IN	1,398,189	556,528	-
TRANSFERS OUT	(241,500)	(87,600)	(296,100)
CHANGE IN NET POSITION	461,760	(541,744)	1,166,421
NET POSITION, beginning of year	3,777,681	4,238,404	788,534
NET POSITION, end of year	\$ 4,239,441	\$ 3,696,660	\$ 1,954,955

# COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION NONMAJOR ENTERPRISE FUNDS (CONTINUED)

For the Year Ended June 30, 2018

			Total
			Nonmajor
Municipal	Police	Stormwater	Enterprise
Auditorium	Impound	Operations	Funds
\$ 1,897,494	\$ 501,546	\$ 32,142,559	\$ 40,736,175
1,897,494	501,546	32,142,559	40,736,175
754,691	-	7,397,306	10,672,276
907,420	375,000	7,376,621	11,531,894
35,929	-	367,047	554,855
329,980	-	-	991,169
57,626	<u> </u>	229,769	544,888
2,085,646	375,000	15,370,743	24,295,082
(188,152)	126,546	16,771,816	16,441,093
18,182	5,220	192,487	241,926
10,583	-	-	10,583
		187,170	187,170
28,765	5,220	379,657	439,679
(159,387)	131,766	17,151,473	16,880,772
4 500 400			0.550.000
1,599,169	-	(e 029 2ee)	3,553,886
(91,400)		(6,028,366)	(6,744,966)
1,348,382	131,766	11,123,107	13,689,692
3,896,001	454,254	16,118,189	29,273,063
\$ 5,244,383	\$ 586,020	\$ 27,241,296	\$ 42,962,755

### COMBINING STATEMENT OF CASH FLOWS NONMAJOR ENTERPRISE FUNDS

	Board of Fair Commissioners		Fair Farmers		Surplus Property Auction	
Cash flows from operating activities:						
Receipts from customers and users	\$	2,949,564	\$	1,079,194	\$	2,062,809
Payments to suppliers		(1,741,193)		(1,370,935)		(109,289)
Payments to employees		(1,563,506)		(398,754)		(593,316)
Net cash provided by (used in) operating activities		(355,135)		(690,495)		1,360,204
Cash flows from noncapital financing activities:						
Transfers in		1,398,189		556,528		-
Transfers out		(241,500)		(87,600)		(296,100)
Net cash provided by (used in) noncapital financing activities		1,156,689		468,928		(296,100)
Cash flows from capital and related financing activities: Acquisition of capital assets Proceeds from the sale of property		(1,398,187)		(36,528)		- -
Net cash provided by (used in) capital and related financing activities		(1,398,187)		(36,528)		<u>-</u>
Cash flows from investing activities:						
Interest on investments		6,951		2,035		14,812
Net cash provided by (used in) investing activities		6,951		2,035		14,812
Net changes in cash and cash equivalents		(589,682)		(256,060)		1,078,916
Cash and cash equivalents at beginning of year		1,254,271		616,533		1,138,620
Cash and cash equivalents at end of year	\$	664,589	\$	360,473	\$	2,217,536

### COMBINING STATEMENT OF CASH FLOWS NONMAJOR ENTERPRISE FUNDS (CONTINUED)

Municipal Auditorium	Police Impound	Stormwater Operations	Total Nonmajor Enterprise Funds
\$ 2,440,614 (971,793) (747,202)	\$ 501,543 (375,000)	\$ 30,720,225 (7,951,604) (7,304,768)	\$ 39,753,949 (12,519,814) (10,607,546)
 721,619	126,543	15,463,853	16,626,589
 1,599,169 (91,400)	- -	(6,028,366)	3,553,886 (6,744,966)
 1,507,769		(6,028,366)	(3,191,080)
 (1,599,168) 10,583 (1,588,585)		. <u>-</u>	(3,033,883) 10,583 (3,023,300)
, , , , , , , , , , , , , , , , , , ,			
15,873	4,678	166,467	210,816
 15,873	4,678	166,467	210,816
656,676	131,221	9,601,954	10,623,025
 1,418,484	453,999	14,201,333	19,083,240
\$ 2,075,160	\$ 585,220	\$ 23,803,287	\$ 29,706,265

### COMBINING STATEMENT OF CASH FLOWS NONMAJOR ENTERPRISE FUNDS (CONTINUED)

		Board of Fair Farmers Commissioners Market		Surplus Property Auction		
Reconciliation of operating income to net cash provided by						
(used in) operating activities:						
Operating income (loss)	\$	(702,039)	\$	(1,012,420)	\$	1,445,342
Adjustments to reconcile operating income (loss)	<u> </u>					
to net cash provided by (used in) operating activities:						
Depreciation		369,859		291,330		-
Provision for doubtful accounts		-		-		-
Other receipts		-		-		-
Changes in assets, deferred outflows of resources,						
liabilities and deferred inflows of resources:						
Accounts receivable		(39,473)		4,226		(2,278)
Due from other funds of the primary government		-		(20,000)		3
Due from component units		-		-		-
Other current assets		20,408		-		-
Deferred outflows pensions		(128,191)		(38,816)		(56,180)
Accounts payable		3,295		66,328		(35,579)
Accrued payroll		(7,264)		(10,594)		(20,497)
Due to other funds of the primary government		6,067		289		(23,829)
Due to component units		-		-		974
Customer deposits		(28,221)		-		-
Unearned revenue		5,589		-		-
Net pension liability		46,680		7,431		15,335
Deferred inflows pensions		98,155		21,731		36,913
Total adjustments		346,904		321,925		(85,138)
Net cash provided by (used in) operating activities	\$	(355,135)	\$	(690,495)	\$	1,360,204

### COMBINING STATEMENT OF CASH FLOWS NONMAJOR ENTERPRISE FUNDS (CONTINUED)

Municipal Auditorium	I	Police mpound	_	tormwater Operations		Total Nonmajor Enterprise Funds
	-	<u> </u>		<u>·                                      </u>		
\$ (188,152)	\$	126,546	\$	16,771,816	\$	16,441,093
329,980		-		-		991,169
-		-		443,357		443,357
-		-		187,170		187,170
(18,791)		-		(788,381)		(844,697)
13,549		-		(1,077,410)		(1,083,858)
-		-		100		100
1,460		-		-		21,868
(79,652)		=		(731,259)		(1,034,098)
25,762		=		153,448		213,254
(2,496)		-		(33,412)		(74,263)
1,960		(3)		(318,785)		(334,301)
-		-		-		974
-		-		-		(28,221)
548,362		-		-		553,951
28,842		-		280,430		378,718
 60,795		<u>-</u>		576,779	_	794,373
 909,771		(3)		(1,307,963)	_	185,496
\$ 721,619	\$	126,543	\$	15,463,853	\$	16,626,589

### COMBINING STATEMENT OF NET POSITION INTERNAL SERVICE FUNDS

June 30, 2018

	Office of Fleet Management	Information Systems	School Self Insurance
ASSETS:			
Current assets:			
Cash and cash equivalents	\$ 7,134,355	\$ 4,573,206	\$ 4,488,337
Accounts receivable	12,799	191,257	-
Accrued interest receivable	9,116	7,103	6,150
Due from other funds of the primary government	535,207	355,680	2,126
Due from component units	-	100	-
Inventories of supplies	1,657,496	-	-
Other current assets	<del>-</del>	<u> </u>	
Total current assets	9,348,973	5,127,346	4,496,613
Noncurrent assets:			
Capital assets:			
Furniture, machinery and equipment	176,522,204	21,798,177	=
Less accumulated depreciation	(130,269,118)	(10,842,775)	-
Capital assets - net	46,253,086	10,955,402	<del>-</del>
Total assets	55,602,059	16,082,748	4,496,613
LIABILITIES:			
Current liabilities:			
Accounts payable	2,178,020	862,549	229,212
Accrued payroll	703,724	2,187,365	-
Claims payable	-	=	1,474,876
Due to other funds of the primary government	2,006,680	45,779	75
Total current liabilities	4,888,424	3,095,693	1,704,163
Noncurrent liabilities:			
Claims payable		<u> </u>	1,575,337
Total noncurrent liabilities		<u> </u>	1,575,337
Total liabilities	4,888,424	3,095,693	3,279,500
NET POSITION:			
Net investment in capital assets	46,253,086	10,955,402	-
Unrestricted	4,460,549	2,031,653	1,217,113
Total net position	\$ 50,713,635	\$ 12,987,055	\$ 1,217,113

### COMBINING STATEMENT OF NET POSITION INTERNAL SERVICE FUNDS (CONTINUED)

June 30, 2018

General Government	School Professional Employees'	Employees' Medical	Injured on	Treasury
Self Insurance	Insurance	Benefit	Duty	Management
\$ 19,848,531	\$ 17,820,360	\$ 100,544,175	\$ 31,671,184	\$ 28,887
-	116	422,363	1,828	-
27,415	28,775	132,343	45,290	30
1,503	425,763	262,805	-	173,069
- -	- -	- -	<u>-</u>	- -
_	512,873	-	<u>-</u>	-
19,877,449	18,787,887	101,361,686	31,718,302	201,986
-	-	-	-	10,626
		<u> </u>	<u> </u>	(10,626)
	-	-	<u> </u>	
19,877,449	18,787,887	101,361,686	31,718,302	201,986
260,916	2,014,636	5,538,500	155,187	491
-	19,991	-	-	112,575
2,613,117	8,587,854	16,697,000	4,070,000	-
2,126	522	16,987	231	406
2,876,159	10,623,003	22,252,487	4,225,418	113,472
3,393,114	-	-	-	<u>-</u>
3,393,114	<del></del>	<del>-</del> _	<del>-</del> _	<del>-</del> _
6,269,273	10,623,003	22,252,487	4,225,418	113,472
-	-	-	-	-
13,608,176	8,164,884	79,109,199	27,492,884	88,514
\$ 13,608,176	\$ 8,164,884	\$ 79,109,199	\$ 27,492,884	\$ 88,514

### COMBINING STATEMENT OF NET POSITION INTERNAL SERVICE FUNDS (CONTINUED)

June 30, 2018

	Technology Revolving	School Print Shop	Total Internal Service Funds
ASSETS:			
Current assets:			
Cash and cash equivalents	\$ 1,833,580	\$ 689,053	\$ 188,631,668
Accounts receivable	-	474	628,837
Accrued interest receivable	2,702	915	259,839
Due from other funds of the primary government	20,490	12,569	1,789,212
Due from component units	-	-	100
Inventories of supplies	-	-	1,657,496
Other current assets	<del>-</del>	<del>-</del>	512,873
Total current assets	1,856,772	703,011	193,480,025
Noncurrent assets:			
Capital assets:			
Furniture, machinery and equipment	-	276,896	198,607,903
Less accumulated depreciation		(275,708)	(141,398,227)
Capital assets - net		1,188	57,209,676
Total assets	1,856,772	704,199	250,689,701
LIABILITIES:			
Current liabilities:			
Accounts payable	30,373	37,076	11,306,960
Accrued payroll	=	21,819	3,045,474
Claims payable	-	-	33,442,847
Due to other funds of the primary government	<del>-</del>	<del>-</del>	2,072,806
Total current liabilities	30,373	58,895	49,868,087
Noncurrent liabilities:			
Claims payable	<del>-</del>	<del>-</del>	4,968,451
Total noncurrent liabilities			4,968,451
Total liabilities	30,373	58,895	54,836,538
NET POSITION:			
Net investment in capital assets	-	1,188	57,209,676
Unrestricted	1,826,399	644,116	138,643,487
Total net position	\$ 1,826,399	\$ 645,304	\$ 195,853,163



# COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION INTERNAL SERVICE FUNDS

	Office of			
	Fleet	Information	n School Self Insurance	
	Management	Systems		
ODED ATINO DELIGNILEO				
OPERATING REVENUES:	Ф 00 00 4 50 4	Ф 04.040.04 <del>7</del>	Φ.	
Charges for services	\$ 20,234,594	\$ 24,912,017	\$ -	
Other	<del></del>	<del>-</del>		
Total operating revenues	20,234,594	24,912,017		
OPERATING EXPENSES:				
Personal services	5,688,724	13,888,971	33,518	
Contractual services	5,029,640	6,754,199	189,675	
Supplies and materials	9,761,253	324,878	-	
Depreciation	13,747,896	2,380,288	_	
Compensation for damages	, , , , <u>-</u>	, , , <u>-</u>	1,292,654	
Medical and insurance benefits	-	<u>-</u>	· · · · -	
Other	104,045	2,526,507	8,305	
Total operating expenses	34,331,558	25,874,843	1,524,152	
OPERATING INCOME (LOSS)	(14,096,964)	(962,826)	(1,524,152)	
NONOPERATING REVENUE (EXPENSE):				
Investment income	56,787	38,775	42,966	
Gain (loss) on sale of property	(45,661)	1,943	-	
Other	242,179	(5,398)	165,028	
Total nonoperating revenue (expense)	253,305	35,320	207,994	
INCOME (LOSS) BEFORE TRANSFERS	(13,843,659)	(927,506)	(1,316,158)	
TRANSFERS IN TRANSFERS OUT	19,423,884	532,642	1,250,000	
CHANGE IN NET POSITION	5,580,225	(394,864)	(66,158)	
NET POSITION, beginning of year	45,133,410	13,381,919	1,283,271	
NET POSITION, end of year	\$ 50,713,635	\$ 12,987,055	\$ 1,217,113	

# COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION INTERNAL SERVICE FUNDS (CONTINUED)

For the Year Ended June 30, 2018

		School			
	General	Professional	Employees'		
G	overnment	Employees'	Medical	Injured On	Treasury
Se	elf Insurance	Insurance	Benefit	Duty	Management
\$	8,912,967	\$ 122,096,756	\$ 238,455,578	\$ 2,213,000	\$ 816,560
Ψ	0,912,907	φ 122,090,730	12,800,589	779	ψ 010,300 -
			12,000,000		
	8,912,967	122,096,756	251,256,167	2,213,779	816,560
	420,212	453,220	453,356	-	770,673
	2,895,650	6,937,998	6,346,140	2,089,309	35,589
	29	52,650	-	-	5,266
	-	-	-	-	-
	2,463,750	-	-	-	-
	-	118,912,761	230,598,694	13,500,782	4.075
	<u> </u>	320	10,000	84,930	4,375
	5,779,641	126,356,949	237,408,190	15,675,021	815,903
	3,773,041	120,330,343	237,400,100	10,070,021	013,303
	3,133,326	(4,260,193)	13,847,977	(13,461,242)	657
		<del></del>			
	200,101	185,314	850,166	366,252	505
	-	=	=	-	-
	<u> </u>	(501,462)	(3,900)		
	200 404	(246.440)	946 266	266.252	FOF
	200,101	(316,148)	846,266	366,252	505
	3,333,427	(4,576,341)	14,694,243	(13,094,990)	1,162
	3,000,121	(1,010,011)	. 1,00 1,2 10	(10,001,000)	
	222,734	-	2,518,745	4,572,650	-
	(1,933,000)	-	-	-	-
	1,623,161	(4,576,341)	17,212,988	(8,522,340)	1,162
	11,985,015	12,741,225	61,896,211	36,015,224	87,352
\$	13,608,176	\$ 8,164,884	\$ 79,109,199	\$ 27,492,884	\$ 88,514
_	-,,	<del></del>		,	, 11,011

# COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION INTERNAL SERVICE FUNDS (CONTINUED)

			Total
	<b>-</b>	0.1.1	Internal
	Technology	School	Service Funds
	Revolving	Print Shop	Funds
OPERATING REVENUES:			
Charges for services	\$ 265,045	\$ 486,396	\$ 418,392,913
Other	<u> </u>	<del>-</del>	12,801,368
Total operating revenues	265,045	486,396	431,194,281
OPERATING EXPENSES:			
Personal services	-	145,741	21,854,415
Contractual services	-	159,435	30,437,635
Supplies and materials	1,582,012	50,980	11,777,068
Depreciation	-	4,711	16,132,895
Compensation for damages	-	-	3,756,404
Medical and insurance benefits	-	-	363,012,237
Other	<u> </u>	121,577	2,860,059
Total operating expenses	1,582,012	482,444	449,830,713
OPERATING INCOME (LOSS)	(1,316,967)	3,952	(18,636,432)
NONOPERATING REVENUE (EXPENSE):			
Investment income	19,355	6,623	1,766,844
Gain (loss) on sale of property	-	=	(43,718)
Other	<del>-</del>	<del>-</del>	(103,553)
Total nonoperating revenue (expense)	19,355	6,623	1,619,573
INCOME (LOSS) BEFORE TRANSFERS	(1,297,612)	10,575	(17,016,859)
TRANSFERS IN	1,200,000	-	29,720,655
TRANSFERS OUT	<u> </u>	-	(1,933,000)
CHANGE IN NET POSITION	(97,612)	10,575	10,770,796
NET POSITION, beginning of year	1,924,011	634,729	185,082,367
NET POSITION, end of year	\$ 1,826,399	\$ 645,304	\$ 195,853,163



### COMBINING STATEMENT OF CASH FLOWS INTERNAL SERVICE FUNDS

	Office of Fleet Management	Information Systems	School Self Insurance
Cash flows from operating activities: Receipts from customers and users	\$ 19,978,057	\$ 24,391,837	\$ (2,126)
Payments to suppliers	(11,904,462)	(9,489,448)	(928,382)
Payments to employees	(5,714,158)	(13,830,954)	-
Other receipts Other payments	242,179 	<u>-</u>	165,028
Net cash provided by (used in) operating activities	2,601,616	1,071,435	(765,480)
Cash flows from noncapital financing activities:			
Transfers in Transfers out	19,423,884 	532,642	1,250,000
Net cash provided by (used in) noncapital			
financing activities	19,423,884	532,642	1,250,000
Cash flows from capital and related financing activities:			
Acquisition of capital assets	(20,412,888)	(436,642)	-
Proceeds from the sale of property	8,614	1,943	
Net cash provided by (used in) capital and related			
financing activities	(20,404,274)	(434,699)	-
Cash flows from investing activities:			
Interest on investments	49,198	33,845	39,073
Net cash provided by (used in) investing activities	49,198	33,845	39,073
Net changes in cash and cash equivalents	1,670,424	1,203,223	523,593
Cash and cash equivalents at beginning of year	5,463,931	3,369,983	3,964,744
Cash and cash equivalents at end of year	\$ 7,134,355	\$ 4,573,206	\$ 4,488,337

### COMBINING STATEMENT OF CASH FLOWS INTERNAL SERVICE FUNDS (CONTINUED)

	School			
General	Professional	Employees'	1	_
Government elf Insurance	Employees' Insurance	Medical Benefit	Injured On Duty	Treasury Management
 ell Illourance		Dellent		
\$ 8,913,010	\$ 121,986,451	\$ 250,935,978	\$ 2,224,794	\$ 807,774
(7,091,775)	(127,714,662)	(233,250,178)	(16,958,201)	(45,227)
-	(447,920)	(453,356)	-	(770,528)
 <u>-</u>	(501,462)	(3,900)	<u> </u>	
 1,821,235	(6,677,593)	17,228,544	(14,733,407)	(7,981)
222,734	-	2,518,745	4,572,650	-
 (1,933,000)	<del></del>		<del>-</del> _	
(1,710,266)	<u> </u>	2,518,745	4,572,650	
-	-	-	-	-
 <u>-</u>	<del>-</del>	<del>-</del>	<del></del>	<del>-</del>
 		<u> </u>	<u> </u>	
 183,995	170,765	778,557	345,267	495
183,995	170,765	778,557	345,267	495
294,964	(6,506,828)	20,525,846	(9,815,490)	(7,486)
 19,553,567	24,327,188	80,018,329	41,486,674	36,373
\$ 19,848,531	\$ 17,820,360	\$ 100,544,175	\$ 31,671,184	\$ 28,887

### COMBINING STATEMENT OF CASH FLOWS INTERNAL SERVICE FUNDS (CONTINUED)

	Technology Revolving	School Print Shop	Total Internal Service Funds
Cash flows from operating activities: Receipts from customers and users	\$ 272,661	\$ 526,210	\$ 430,034,646
Payments to suppliers	(1,781,055)	(335,796)	(409,499,186)
Payments to suppliers  Payments to employees	(1,701,000)	(158,545)	(21,375,461)
Other receipts	-	(100,010)	407,207
Other payments	<u> </u>		(505,362)
Net cash provided by (used in) operating activities	(1,508,394)	31,869	(938,156)
Cash flows from noncapital financing activities:			
Transfers in	1,200,000	-	29,720,655
Transfers out	<del>-</del>	<del>-</del>	(1,933,000)
Net cash provided by (used in) noncapital			
financing activities	1,200,000	-	27,787,655
Cash flows from capital and related financing activities:			(00.040.500)
Acquisition of capital assets	-	-	(20,849,530)
Proceeds from the sale of property	<del></del>	<del></del>	10,557
Net cash provided by (used in) capital and related financing activities			(20, 929, 072)
illialicing activities	<u> </u>	<del></del>	(20,838,973)
Cash flows from investing activities: Interest on investments	17,845	6,082	1,625,122
merest on investments	17,045	0,002	1,023,122
Net cash provided by (used in) investing activities	17,845	6,082	1,625,122
Net changes in cash and cash equivalents	(290,549)	37,951	7,635,648
Cash and cash equivalents at beginning of year	2,124,129	651,102	180,996,020
Cash and cash equivalents at end of year	\$ 1,833,580	\$ 689,053	\$ 188,631,668



### COMBINING STATEMENT OF CASH FLOWS INTERNAL SERVICE FUNDS (CONTINUED)

	Office of		
	Fleet	Information	School
	Management	Systems	Self Insurance
Reconciliation of operating income to net cash provided by			
(used in) operating activities:			
Operating income (loss)	\$ (14,096,964)	\$ (962,826)	\$ (1,524,152)
Adjustments to reconcile operating income (loss)	\$ (14,030,304)	ψ (902,020)	ψ (1,324,132)
to net cash provided by (used in) operating activities:			
Depreciation	13,747,896	2,380,288	
·	, ,	2,300,200	165.000
Other receipts	242,179	(5.000)	165,028
Other payments	-	(5,398)	-
Changes in assets and liabilities:			
Accounts receivable	(6,148)	(164,735)	-
Due from other funds of the primary government	(250,389)	(349,947)	(2,126)
Due from component units	-	(100)	-
Inventories of supplies	123,490	-	-
Accounts payable	860,306	97,250	220,438
Accrued payroll	(25,434)	58,017	-
Claims payable	-	-	375,282
Due to other funds of the primary government	2,006,680	18,886	50
Total adjustments	16,698,580	2,034,261	758,672
Net cash provided by (used in)			
operating activities	\$ 2,601,616	\$ 1,071,435	\$ (765,480)

### COMBINING STATEMENT OF CASH FLOWS INTERNAL SERVICE FUNDS (CONTINUED)

General Government Self Insurance	School Professional Employees' Insurance	Employees' Medical Benefit	Injured On Duty	Treasury Management
\$ 3,133,326	\$ (4,260,193)	\$ 13,847,977	\$ (13,461,242)	\$ 657
-	-	-	-	-
- -	- (501,462)	(3,900)	- -	-
_	107,812	(206,757)	(1,336)	<u>-</u>
43	(218,117)	(113,432)	12,351	(8,786)
-	- -	-	-	- -
-	-	-	-	-
91,884	(1,179,902)	2,767,669	(127,411)	(403)
-	5,300	-	-	145
(1,406,144)	(631,413)	920,000	(1,156,000)	-
2,126	382	16,987	231	406
(1,312,091)	(2,417,400)	3,380,567	(1,272,165)	(8,638)
\$ 1,821,235	\$ (6,677,593)	\$ 17,228,544	\$ (14,733,407)	\$ (7,981)

### COMBINING STATEMENT OF CASH FLOWS INTERNAL SERVICE FUNDS (CONTINUED)

	Technology Revolving	School Print Shop	Total Internal Service Funds
Reconciliation of operating income to net cash provided by			
(used in) operating activities:			
Operating income (loss)	\$ (1,316,967)	\$ 3,952	\$ (18,636,432)
Adjustments to reconcile operating income (loss)			
to net cash provided by (used in) operating activities:			
Depreciation	=	4,711	16,132,895
Other receipts	-	-	407,207
Other payments	-	-	(510,760)
Changes in assets and liabilities:			
Accounts receivable	-	749	(270,415)
Due from other funds of the primary government	7,616	39,065	(883,722)
Due from component units	=	-	(100)
Inventories of supplies	-	-	123,490
Accounts payable	(199,043)	(3,804)	2,526,984
Accrued payroll	=	(12,804)	25,224
Claims payable	=	-	(1,898,275)
Due to other funds of the primary government	<u> </u>		2,045,748
Total adjustments	(191,427)	27,917	17,698,276
Net cash provided by (used in)			
operating activities	\$ (1,508,394)	\$ 31,869	\$ (938,156)

## THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DESCRIPTION OF PROPRIETARY FUNDS

#### NONMAJOR ENTERPRISE FUNDS

#### **BOARD OF FAIR COMMISSIONERS**

The Board of Fair Commissioners performs administrative and fiscal duties relative to the Tennessee State Fair and fairgrounds. Revenues are derived primarily from the annual State Fair, monthly flea markets and the Nashville Speedway.

#### **FARMERS MARKET**

The Farmers Market provides farmers with a setting in which to sell their agricultural products to the general public. Revenues are derived from fees collected from vendors for indoor retail space, farmers for display space, and other private vendors for flea market space.

#### SURPLUS PROPERTY AUCTION

The Surplus Property Auction was created to sell used capital assets, excess inventory and confiscated property of the Government. Revenues are derived from the proceeds received from individuals and entities that purchase the items through an on-line auction.

#### MUNICIPAL AUDITORIUM

The Municipal Auditorium provides space primarily for entertainment and sports events on a user charge basis.

#### POLICE IMPOUND

Police Impound provides storage for impounded vehicles. Revenues are derived from user fees paid for vehicle retrieval.

#### STORMWATER OPERATIONS

Stormwater Operations is under the administrative responsibility of the Department of Water and Sewerage Services and accounts for the activities surrounding the maintenance of the Government's stormwater drainage system. Revenues are derived from a stormwater fee assessed on users of the system.

#### INTERNAL SERVICE FUNDS

#### OFFICE OF FLEET MANAGEMENT FUND

The Office of Fleet Management Fund is under the administrative responsibility of the Department of General Services. Fleet Management acts as the central service agency with regard to the acquisition, use, maintenance and replacement of vehicles and rolling equipment owned by the Government.

#### **INFORMATION SYSTEMS FUND**

The Information Systems Fund is under the administrative responsibility of the Information Technology Services Department. Revenues are derived from internal charges to various departments for voice and data communication services and for the use of computer equipment.

## THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DESCRIPTION OF PROPRIETARY FUNDS (CONTINUED)

#### SCHOOL SELF INSURANCE FUND

The School Self Insurance Fund is used to pay for general liability claims, vehicular liability claims and administrative claims that relate to schools. Premiums are paid from the schools' operating budget to this fund in lieu of paying insurance premiums to private insurance carriers.

#### GENERAL GOVERNMENT SELF INSURANCE FUND

The General Government Self Insurance Fund is used to pay claims from a pooling of funds, including claims for bodily injury and property damage. Premiums are paid from various departments to this fund in lieu of paying insurance premiums to private insurance carriers.

#### SCHOOL PROFESSIONAL EMPLOYEES' INSURANCE FUND

The School Professional Employees' Insurance Fund is under the administrative responsibility of the Metropolitan Nashville Public Schools and is used for the accumulation of assets for the payment of self insured medical claims.

#### EMPLOYEES' MEDICAL BENEFIT FUND

The Employees' Medical Benefit Fund is under the administrative responsibility of the Employee Benefit Board and is used for the accumulation of assets for the payment of self insured medical claims.

#### INJURED ON DUTY FUND

The Injured on Duty Fund is under the administrative responsibility of the Department of Human Resources and is used for the accumulation of assets for the payment of self insured injured on duty claims.

#### TREASURY MANAGEMENT FUND

The Treasury Management Fund is under the administrative responsibility of the Department of Finance. Treasury Management is the central service agency responsible for the management of cash, pension investments and debt. Revenue to cover the fund's activity is from the Metro Investment Pool, Pension Trust Fund and Debt Service Funds.

#### TECHNOLOGY REVOLVING FUND

The Technology Revolving Fund is under the administrative responsibility of the Information Technology Services Department and is used to account for the replacement of computer equipment and software. Revenues are derived from internal charges to various departments based on equipment usage.

#### SCHOOL PRINT SHOP FUND

The School Print Shop Fund is under the administrative responsibility of the Metropolitan Nashville Public Schools. It is used to account for the operations of printing services and derives its revenues from internal service charges to schools for printing services.



# COMBINING STATEMENT OF FIDUCIARY NET POSITION FIDUCIARY FUNDS PENSION (AND OTHER EMPLOYEE BENEFIT) TRUST FUNDS

	Davidson County Employees' Retirement		Metropolitan Employees' Benefit Trust	Employees' Pension and Insurance			Teachers' Retirement Plan
ASSETS:	¢.	\$	220 024 049	<b>c</b>	1 170 600	æ	0.265.052
Cash and cash equivalents	\$ -	Ф	230,921,018	\$	1,172,609	\$	9,365,852
Investments, at fair value: Bank debt notes			20,598,240				587,695
Commingled funds U.S. debt	_		26,369,358		-		752,352
Conventional mortgages	-		10,479,368		-		298,990
Preferred stock	-		5,457,670		-		296,990 155,714
Common stock	-		305,970,497		-		8,729,739
Corporate bonds and notes	_		211,926,077		-		6,046,529
Emerging markets	_		35,873,835		_		1,023,528
Equity commingled funds	_		64,471,781		_		1,839,464
High yield bonds	_		32,207,055		_		918,909
International bonds	_		4,714,927		_		134,523
Non agency mortgages/collateralized mortgage obligations	_		83,578,858		_		2,384,614
Other fixed income	_		213,971,295		_		6,104,881
Other securities	_		135,092,261		_		3,854,359
Venture capital and partnerships	_		1,690,374,446		_		48,228,597
Real estate	_		16,885,267		_		481,759
Municipals	_		815,073		_		23,255
Registered investment companies	_		112,671,971		_		3,214,679
U.S. treasury securities	_		55,687,495		_		1,588,837
Non U.S. treasury securities developing markets	_		13,666,036		_		389,910
Cash collateral received - securities lending program	_		85,065,545		_		-
Accounts receivable	_		295,517,912		_		8,431,513
Accrued interest receivable	_		6,113,604		1,763		179,102
Due from other funds of the primary government	7		193,699		2		6,396,681
Duo nom otnor rando or the primary government	<u>.</u>		100,000				0,000,001
Total assets	7		3,658,623,288		1,174,374		111,131,482
LIABILITIES:							
Accounts payable	7		737,251		2		_
Due to brokers	-		456,226,100		-		13,016,728
Payable for collateral received - securities lending program	-		85,065,545		_		-
Due to other funds of the primary government	-		22,650		_		_
Due to other range of the primary government			22,000	-			
Total liabilities	7		542,051,546		2		13,016,728
NET POSITION:							
Restricted for pensions	-		3,116,571,742		1,174,372		98,114,754
Held in trust for other employee benefits			-		<u>-</u>		
Total net position	\$ -	\$	3,116,571,742	\$	1,174,372	\$	98,114,754

# COMBINING STATEMENT OF FIDUCIARY NET POSITION FIDUCIARY FUNDS PENSION (AND OTHER EMPLOYEE BENEFIT) TRUST FUNDS (CONTINUED)

June 30, 2018

Closed City Plan	City Servi		Metropolitan Employees' Flexible Benefits Plan	ducation Flexible Benefits Plan	Total Pension (and Other Employee Benefit) Trust Funds		
\$ -	\$	920,749	\$ 1,877,227	\$ 156,857	\$	244,414,312	
-		-	-	-		21,185,935	
=		-	-	=		27,121,710	
=		-	-	=		10,778,358	
=		-	-	=		5,613,384	
=		-	-	=		314,700,236	
-		-	-	-		217,972,606	
-		-	-	-		36,897,363	
=		-	-	=		66,311,245	
-		-	-	-		33,125,964	
-		-	-	-		4,849,450	
-		-	-	-		85,963,472	
-		-	-	-		220,076,176	
-		=	-	-		138,946,620	
-		=	-	-		1,738,603,043	
-		=	-	-		17,367,026	
-		=	-	-		838,328	
-		=	-	-		115,886,650	
-		=	-	-		57,276,332	
-		-	_	-		14,055,946	
-		=	-	-		85,065,545	
-		=	62	-		303,949,487	
-		1,377	3,971	890		6,300,707	
37			 701	 		6,591,127	
37		922,126	 1,881,961	 157,747		3,773,891,022	
37		_	46,951	102		784,350	
- -		-	-	-		469,242,828	
_		-	_	_		85,065,545	
		-	 -	-		22,650	
37			 46,951	 102		555,115,373	
_		922,126	_	_		3,216,782,994	
		-	1,835,010	 157,645		1,992,655	
\$ -	\$	922,126	\$ 1,835,010	\$ 157,645	\$	3,218,775,649	

The accompanying notes are an integral part of this financial statement.

# COMBINING STATEMENT OF FIDUCIARY NET POSITION FIDUCIARY FUNDS AGENCY FUNDS

		Richard R. Rooker, Circuit Court Clerk		Maria M. Salas, Clerk and Master		Brenda Wynn, County Clerk		Howard Gentry, Criminal Court Clerk		Bill Garrett, County Register
ASSETS: Cash and cash equivalents	\$	18,892,665	\$	14,767,035	\$	569,311	\$	10,963,933	\$	7,193,364
Investments:	Ť	-, ,	Ť	, - ,	•	,-	•	-,,	Ť	,,
Mortgages and real estate		-		-		-		1,291,100		-
Mutual funds		-		18,583		-		-		-
Accrued interest receivable		=		=		-		-		-
Due from other funds of the primary government		-		-		-		-		-
Other assets							_			128,617
Total assets	\$	18,892,665	\$	14,785,618	\$	569,311	\$	12,255,033	\$	7,321,981
LIABILITIES:										
Funds held in custody for others	\$	9,991,399	\$	14,772,908	\$	-	\$	9,698,145	\$	-
Other liabilities		8,901,266		12,710		569,311		2,556,888		7,321,981
Total liabilities	\$	18,892,665	\$	14,785,618	\$	569,311	\$	12,255,033	\$	7,321,981

# COMBINING STATEMENT OF FIDUCIARY NET POSITION FIDUCIARY FUNDS AGENCY FUNDS (CONTINUED)

David		Sold									
Smith,		Property Sheriff Work Planning					Total				
Juvenile		Tax	Re	lease and	Р	erformance		Agency			
Court Clerk	R	Receivables	Inn	nate Trust		Bonds		Funds			
\$ 1,956,230	\$	2,459,130	\$	82,078	\$	1,658,670	\$	58,542,416			
-		-		-		-		1,291,100			
-		-		-		-		18,583			
-		2,057		-		-		2,057			
=		1,721,803		-		=		1,721,803			
 <u>-</u> _				-				128,617			
							<u> </u>				
\$ 1,956,230	\$	4,182,990	\$	82,078	\$	1,658,670	\$	61,704,576			
				-			•				
\$ 1,732,769	\$	4,182,990	\$	82,078	\$	1,658,670	\$	42,118,959			
223,461		=				-		19,585,617			
\$ 1,956,230	\$	4,182,990	\$	82,078	\$	1,658,670	\$	61,704,576			

# COMBINING STATEMENT OF CHANGES IN FIDUCIARY NET POSITION FIDUCIARY FUNDS PENSION (AND OTHER EMPLOYEE BENEFIT) TRUST FUNDS

	Davidson		Metropolitan	_			Tarakanal
	County Employees'		Employees' Benefit	P	ension and		Teachers' Retirement
ADDITIONS:	Retirement		Trust		Insurance		Plan
Investment income:							
Interest and dividend income	\$ -	\$	91,003,196	\$	12,055	\$	2,443,634
Net appreciation (depreciation) of investments	-	,	192,109,097	•	-	•	4,789,994
Miscellaneous	-		163,643		-		-
Net increase (decrease) in							
fair value of investments			283,275,936		12,055		7,233,628
Net income earned on securities lending transaction	ne:						
Securities lending income	is. -		214,545		_		_
Securities lending expense	-		(42,888)		_		-
3 - 1			( ,===,				
Net income earned on							
securities lending transactions			171,657		=		-
	()		, <u>-</u>		4-1		
Less investment expenses	(37)		(41,282,873)		(8)		(1,076,654)
Net investment income (loss)	(37)		242,164,720		12,047		6,156,974
Contributions:							
Employee contributions	-		79,136		-		-
Employer contributions	1,098,462		76,539,373		2,932,320		22,681,681
Transfers in	-		316,543		-		-
Contributions from the State of Tennessee	-		=		2,286,856		10,935,092
Miscellaneous			<u>-</u>		<u>-</u>		
Total contributions	1,098,462		76,935,052		5,219,176		33,616,773
Total additions	1,098,425		319,099,772		5,231,223		39,773,747
DEDUCTIONS:							
Pension and other employee benefits	1,098,425		166,180,671		5,229,770		31,087,074
Refunds of contributions	1,000,420		15,894		5,225,776		-
Administrative expenses	-		4,590,257		_		20,154
Transfers out	<u> </u>		<u> </u>		=		<u> </u>
Total deductions	1,098,425		170,786,822		5,229,770		31,107,228
Change in net position	-		148,312,950		1,453		8,666,519
NET POSITION, beginning of year	-		2,968,258,792		1,172,919		89,448,235
NET POSITION, end of year	\$ -	\$	3,116,571,742	\$	1,174,372	\$	98,114,754
/ · / - <del>- ·</del>	<u> </u>		., -,,		, .,	<u> </u>	, -,

# COMBINING STATEMENT OF CHANGES IN FIDUCIARY NET POSITION FIDUCIARY FUNDS PENSION (AND OTHER EMPLOYEE BENEFIT) TRUST FUNDS (CONTINUED)

Closed City Plan	Teachers Service Pensio	and	Metropo Employ Flexib Benei Plar	vees' ole fits	F	ducation Flexible Benefits Plan	Total Pension (and Other Employee Benefit) Trust Funds		
\$ - - -	\$	9,464	\$	31,384 - -	\$	1,601 - -	\$	93,501,334 196,899,091 163,643	
		9,464		31,384		1,601		290,564,068	
-		- 		<u>-</u>		<u>-</u>		214,545 (42,888)	
		<u> </u>						171,657	
(189)	<u> </u>	<u> </u>				(1,709)		(42,361,470)	
(189)		9,464		31,384		(108)		248,374,255	
- 5,466,526 - -		- 07,430 - 60,512 -		248,624 - - - - 592,263		765,951 - - -		2,093,711 110,025,792 316,543 14,782,460 2,592,263	
5,466,526	2.86	<del></del> 67,942		340,887		765,951		129,810,769	
5,466,337		77,406		372,271		765,843		378,185,024	
5,466,337 - - -	2,87	76,029 - - -		404,962 - - 518,745		1,048,767 - - -		214,392,035 15,894 4,610,411 2,518,745	
5,466,337	2,87	76,029	3,9	923,707		1,048,767		221,537,085	
-		1,377		(51,436)		(282,924)		156,647,939	
	92	20,749	1,8	386,446		440,569		3,062,127,710	
\$ -	\$ 92	22,126	\$ 1,8	335,010	\$	157,645	\$	3,218,775,649	

# COMBINING STATEMENT OF CHANGES IN ASSETS AND LIABILITIES FIDUCIARY FUNDS AGENCY FUNDS

		Balance				Balance
	Jı	une 30, 2017	Additions	Deductions	Jι	ıne 30, 2018
Richard R. Rooker, Circuit Court Clerk ASSETS:						
Cash and cash equivalents	\$	16,080,776	\$ 70,759,740	\$ 67,947,851	\$	18,892,665
LIABILITIES:						
Funds held in custody for others	\$	8,460,006	\$ 6,468,911	\$ 4,937,518	\$	9,991,399
Other liabilities		7,620,770	 64,290,829	 63,010,333		8,901,266
Total liabilities	\$	16,080,776	\$ 70,759,740	\$ 67,947,851	\$	18,892,665
Maria M. Salas, Clerk and Master ASSETS:						
Cash and cash equivalents	\$	21,967,185	\$ 55,380,192	\$ 62,580,342	\$	14,767,035
Mutual funds		18,158	1,356	931		18,583
Total assets	\$	21,985,343	\$ 55,381,548	\$ 62,581,273	\$	14,785,618
LIABILITIES:						
Funds held in custody for others	\$	21,977,829	\$ 47,224,448	\$ 54,429,369	\$	14,772,908
Other liabilities		7,514	8,157,100	8,151,904		12,710
Total liabilities	\$	21,985,343	\$ 55,381,548	\$ 62,581,273	\$	14,785,618
Brenda Wynn, County Clerk ASSETS: Cash and cash equivalents	\$	765,224	\$ 112,953,390	\$ 113,149,303	\$	569,311
· ·		<u> </u>				·
LIABILITIES: Other liabilities	\$	765,224	\$ 112,953,390	\$ 113,149,303	\$	569,311
Howard Gentry, Criminal Court Clerk  ASSETS: Cash and cash equivalents  Mortgages and real estate	\$	10,825,766 1,291,100	\$ 10,365,015	\$ 10,226,848	\$	10,963,933 1,291,100
Total assets	\$	12,116,866	\$ 10,365,015	\$ 10,226,848	\$	12,255,033
LIABILITIES: Funds held in custody for others	\$	9,822,745	\$ 761,700	\$ 886,300	\$	9,698,145
Other liabilities		2,294,121	 9,603,315	 9,340,548		2,556,888
Total liabilities	\$	12,116,866	\$ 10,365,015	\$ 10,226,848	\$	12,255,033

# COMBINING STATEMENT OF CHANGES IN ASSETS AND LIABILITIES FIDUCIARY FUNDS AGENCY FUNDS (CONTINUED)

	Ju	Balance ine 30, 2017	Additions Ded		Deductions	Balance stions June 30, 2018		
Bill Garrett, County Register ASSETS:								
Cash and cash equivalents	\$	6,717,048	\$	53,966,708	\$	53,490,392	\$	7,193,364
Other assets	Φ.	130,956	Φ.	18,866,818	Φ.	18,869,157	<u> </u>	128,617
Total assets	\$	6,848,004	\$	72,833,526	\$	72,359,549	\$	7,321,981
LIABILITIES: Other liabilities	¢	6 949 004	¢	70 000 506	¢	72 250 540	æ	7 221 001
Other habilities	\$	6,848,004	\$	72,833,526	\$	72,359,549	\$	7,321,981
David Smith, Juvenile Court Clerk								
ASSETS:							_	
Cash and cash equivalents	\$	1,890,925	\$	721,094	\$	655,789	\$	1,956,230
LIABILITIES:								
Funds held in custody for others	\$	1,665,619	\$	171,173	\$	104,023	\$	1,732,769
Other liabilities		225,306		549,921		551,766		223,461
Total liabilities	\$	1,890,925	\$	721,094	\$	655,789	\$	1,956,230
Sold Property Tax Receivables ASSETS:								
Cash and cash equivalents	\$	787,657	\$	43,968,217	\$	42,296,744	\$	2,459,130
Accrued interest receivable		1,126		11,371		10,440		2,057
Due from other funds of the primary government		537,784		1,721,804		537,785		1,721,803
Total assets	\$	1,326,567	\$	45,701,392	\$	42,844,969	\$	4,182,990
LIABILITIES:								
Funds held in custody for others	\$	1,326,567	\$	45,701,392	\$	42,844,969	\$	4,182,990
Sheriff Work Release and Inmate Trust								
ASSETS: Cash and cash equivalents	\$	426,178	\$	2,001,798	\$	2,345,898	\$	82,078
Oash and cash equivalents	Ψ	420,170	Ψ	2,001,700	Ψ	2,343,030	Ψ	02,070
LIABILITIES:								
Funds held in custody for others	\$	426,178	\$	2,001,798	\$	2,345,898	\$	82,078
Planning Performance Bonds ASSETS:								
Cash and cash equivalents	\$	1,387,692	\$	475,417	\$	204,439	\$	1,658,670
LIABILITIES:								
Funds held in custody for others	\$	1,387,692	\$	475,417	\$	204,439	\$	1,658,670

# COMBINING STATEMENT OF CHANGES IN ASSETS AND LIABILITIES FIDUCIARY FUNDS AGENCY FUNDS (CONTINUED)

		Balance				Balance
	J	une 30, 2017	Additions	Deductions	Jı	une 30, 2018
Totals - All Agency Funds						
ASSETS:						
Cash and cash equivalents	\$	60,848,451	\$ 350,591,571	\$ 352,897,606	\$	58,542,416
Investments:						
Mortgages and real estate		1,291,100	-	-		1,291,100
Mutual funds		18,158	1,356	931		18,583
Accrued interest receivable		1,126	11,371	10,440		2,057
Due from other funds of the primary government		537,784	1,721,804	537,785		1,721,803
Other assets		130,956	18,866,818	18,869,157		128,617
Total assets	\$	62,827,575	\$ 371,192,920	\$ 372,315,919	\$	61,704,576
LIABILITIES:						
Funds held in custody for others	\$	45,066,636	\$ 102,804,839	\$ 105,752,516	\$	42,118,959
Other liabilities		17,760,939	268,388,081	266,563,403		19,585,617
Total liabilities	\$	62,827,575	\$ 371,192,920	\$ 372,315,919	\$	61,704,576

# THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DESCRIPTION OF FIDUCIARY FUNDS

### PENSION (AND OTHER EMPLOYEE BENEFIT) TRUST FUNDS

#### DAVIDSON COUNTY EMPLOYEES' RETIREMENT FUND

The Davidson County Employees' Retirement Fund covers certain employees of the former Davidson County and was closed to new members in 1963. Benefits are funded by contributions from the Government.

### METROPOLITAN EMPLOYEES' BENEFIT TRUST FUND

Established in 1963, the Metropolitan Employees' Benefit Trust Fund covers substantially all employees who are not members of any other plan and is used to account for Divisions A & B of the Metro Plan. Division B of the Metro Plan is the only plan open to new members. This Plan is funded by the Government. Under the administrative responsibility of the Employee Benefit Board, this fund provides for the accumulation of assets for the payment of disability and retirement benefits for employees covered under this plan.

#### EMPLOYEES' PENSION AND INSURANCE FUND

The Employees' Pension and Insurance Fund covers teachers and classified employees of the Metropolitan Nashville Public Schools of the former Davidson County. The plan is closed to new members and is funded by contributions from the Government, employees and the State of Tennessee.

#### TEACHERS' RETIREMENT PLAN FUND

The Teachers' Retirement Plan Fund is funded by contributions from the Metropolitan Nashville Public Schools, employees and the State of Tennessee. The plan was closed to new members on July 1, 1969.

### **CLOSED CITY PLAN FUND**

This fund accounts for two closed plans.

The Civil Service Employees' Pension Fund covers certain employees of the former City of Nashville and was closed to new members in 1963. Benefits are funded by contributions from the Government.

The Police and Fireman Pension Fund covers certain employees of the former City of Nashville and was closed to new members in 1963. Benefits are funded by contributions from the Government.

### TEACHERS' CIVIL SERVICE AND PENSION FUND

The Teachers' Civil Service and Pension Fund covers eligible employees who were teachers of the former City of Nashville. Benefits are funded by contributions from the Government and the State of Tennessee.

#### METROPOLITAN EMPLOYEES' FLEXIBLE BENEFITS PLAN FUND

The Metropolitan Employees' Flexible Benefits Plan Fund was established to account for the pre-tax deductions withheld from compensation to employees of the Government for medical and dependent care reimbursement.

#### **EDUCATION FLEXIBLE BENEFITS PLAN FUND**

The Education Flexible Benefits Plan Fund was established to account for the pre-tax deductions withheld from compensation to employees of the Metropolitan Nashville Public School System for medical and dependent care reimbursement.

# THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DESCRIPTION OF FIDUCIARY FUNDS (CONTINUED)

### **AGENCY FUNDS**

### **ELECTED OFFICIALS**

The following agency funds are used to account for assets held by the Elected Officials as agents for individuals, governmental entities and others. These include:

Richard R. Rooker, Circuit Court Clerk Maria M. Salas, Clerk and Master Brenda Wynn, County Clerk Howard Gentry, Criminal Court Clerk Bill Garrett, County Register David Smith, Juvenile Court Clerk

### SOLD PROPERTY TAX RECEIVABLES FUND

The Sold Property Tax Receivables Fund accounts for property tax funds collected by the Government on behalf of the buyers of certain property tax receivable balances.

#### SHERIFF WORK RELEASE AND INMATE TRUST FUND

The Sheriff Work Release and Inmate Trust Fund administers and accounts for the receipt and usage of individual inmates' personal funds through the Commissary and Work Release accounts.

#### PLANNING PERFORMANCE BONDS FUND

The Planning Performance Bonds Fund accounts for performance bond funds received from contractors held until the completion of infrastructure development projects.



# BALANCE SHEET SPORTS AUTHORITY FUND

ASSETS:	
Cash and cash equivalents	\$ 24,359,611
Investments	2,461,643
Accounts receivable	3,627,892
Accrued interest receivable	22,946
Notes receivable	29,157,197
Due from the primary government	 763,794
Total assets	\$ 60,393,083
LIABILITIES:	
Accounts payable	\$ 3,552,462
Accrued payroll	10,652
Due to the primary government	 200
Total liabilities	 3,563,314
DEFERRED INFLOWS OF RESOURCES:	
Unavailable revenue - tax increment financing	 28,000,000
Total deferred inflows of resources	 28,000,000
FUND BALANCES:	
Restricted for capital projects	4,943
Restricted for debt service	14,533,110
Unassigned	 14,291,716
Total fund balances	 28,829,769
Total liabilities, deferred inflows of resources, and fund balances	\$ 60,393,083

# RECONCILIATION OF THE BALANCE SHEET TO THE STATEMENT OF NET POSITION SPORTS AUTHORITY

June 30, 2018

Fund balances	\$ 28,829,769
Amounts reported in the Statement of Net Position are different because:	
Capital assets of governmental component units are not financial resources and therefore not reported in the Balance Sheet. However, they are reported in the Statement of Net Position. This amount represents the net book value of capital assets at year-end.	378,580,214
Long-term liabilities, including revenue bonds payable, are not due and payable in the current period and therefore are not reported by governmental component units in the Balance Sheet. However, they are reported in the Statement of Net Position. Additionally, related interest is accrued when incurred in the Statement of Net Position.	
Bonds payable	(128,785,000)
Line of credit	(18,465,498)
Less deferred charge on refunding	2,691,089
Add net bond premium/discount	(3,540,957)
Accrued interest payable	(2,978,280)
Compensated absences	 (12,764)

256,318,573

Net position

## STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES SPORTS AUTHORITY FUND

REVENUES:	
Local option sales tax	\$ 3,977,193
Other taxes, licenses and permits	3,022,140
Revenues from the use of money or property	1,504,013
Revenues from other governmental agencies	32,835,610
Charges for current services	6,267,146
Compensation for loss, sale or damage to property	 1,857,008
Total revenues	 49,463,110
EXPENDITURES:	
Personal services	274,195
Contractual services	24,716,772
Supplies and materials	12,760
Other costs	666,879
Capital outlay	1,951,436
Debt service:	
Principal retirement	10,812,046
Interest	 6,924,199
Total expenditures	 45,358,287
Excess (deficiency) of revenues over	
expenditures	 4,104,823
OTHER FINANCING SOURCES (USES):	
Issuance of new debt	 165,547
Total other financing sources (uses)	 165,547
Net change in fund balances	4,270,370
FUND BALANCES, beginning of year	24,559,399
FUND BALANCES, end of year	\$ 28,829,769

# RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES TO THE STATEMENT OF ACTIVITIES SPORTS AUTHORITY

For the Year Ended June 30, 2018

Net change in fund balances	\$ 4,270,370
Amounts reported in the Statement of Activities are different because:	
Governmental component units report capital outlays as expenditures in the Statement of Revenues, Expenditures and Changes in Fund Balances. However, the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense in the Statement of Activities.	
Acquisition of capital assets	1,951,436
Depreciation expense	(17,003,370)
The issuance of debt provides current financial resources to governmental component unit funds, but the issuance of debt increases long-term liabilities for governmental component unit activities. Repayment of principal is an expenditure in the governmental component unit funds but reduces long-term liabilities for governmental component unit activities. Also, governmental component unit funds report the effects of premiums, discounts and similar items when debt is first issued, whereas these amounts are deferred and amortized for governmental component unit activities.	
Issuance of debt	(165,547)
Principal repayments	10,812,046
Amortization of deferred charge on refunding	(378,476)
Amortization of premium/discount	363,031
Change in accrued interest	233,194
Compensated absences reported for governmental activities do not require the use of current	
financial resources and therefore are not reported as expenditures for governmental funds.	(3,608)

79,076

Change in net position

# BALANCE SHEET INDUSTRIAL DEVELOPMENT BOARD FUND

ASSETS: Cash and cash equivalents Accrued interest receivable	\$ 640,043 869
Total assets	\$ 640,912
LIABILITIES: Accounts payable	\$ 7,688
Total liabilities	7,688
FUND BALANCES: Unassigned	633,224
Total fund balances	633,224
Total liabilities and fund balances	\$ 640,912

## STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES INDUSTRIAL DEVELOPMENT BOARD FUND

REVENUES:	
Revenue from the use of money or property	\$ 6,319
Revenue from other governmental agencies	4,107,006
Charges for current services	 750
Total revenues	 4,114,075
EXPENDITURES:	
Contractual services	428
Supplies and materials	219
Other costs	 4,107,006
Total expenditures	 4,107,653
Net change in fund balances	6,422
FUND BALANCES, beginning of year	 626,802
FUND BALANCES, end of year	\$ 633,224





# SCHEDULE OF COMBINING BALANCE SHEETS GENERAL FUND

100570		General Services District		Urban Services District		Total General Fund		
ASSETS:	•		•		•			
Cash and cash equivalents	\$	59,548,010	\$	11,343,840	\$	70,891,850		
Sales tax receivable		24,163,322		-		24,163,322		
Accounts receivable		52,805,213		6,309,197		59,114,410		
Accrued interest receivable		50,720		13,649		64,369		
Property taxes receivable		423,346,990		95,448,866		518,795,856		
Allowance for doubtful accounts		(11,076,209)		(979,419)		(12,055,628)		
Due from other funds of the primary government		5,925,450		532,090		6,457,540		
Due from component units		7,500,000		-		7,500,000		
Inventories of supplies		351,943		-		351,943		
Other assets		578,624				578,624		
Total assets	\$	563,194,063	\$	112,668,223	\$	675,862,286		
LIABILITIES:								
Accounts payable	\$	18,534,548	\$	871,532	\$	19,406,080		
Accrued payroll	•	24,249,129	•	3,578,261	•	27,827,390		
Due to other funds of the primary government		9,150,606		4,825,476		13,976,082		
Due to component units		429,635		-,020,		429,635		
Other liabilities		5,741,870		-		5,741,870		
Tarableshire	<u> </u>	50 405 700	<u>-</u>	0.075.000		07.004.057		
Total liabilities		58,105,788		9,275,269		67,381,057		
DEFERRED INFLOWS OF RESOURCES:								
Unavailable revenue - property taxes		419,886,006		94,423,915		514,309,921		
Unavailable revenue - other revenues		16,678,384		831,597		17,509,981		
Total deferred inflow of resources		436,564,390		95,255,512		531,819,902		
FUND BALANCES:								
Nonspendable		842,106		=		842,106		
Assigned for subsequent year budgetary appropriations		8,350,000		500,000		8,850,000		
Assigned for specific projects		7,039,900		1,049,700		8,089,600		
Unassigned		52,291,879		6,587,742		58,879,621		
Total fund balances		68,523,885		8,137,442		76,661,327		
Total liabilities, deferred inflows of								
resources, and fund balances	\$	563,194,063	\$	112,668,223	\$	675,862,286		

## COMBINING SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES GENERAL FUND

		General Services District		Urban Services District	Total General Fund		
REVENUES:							
Property taxes	\$	432,476,740	\$	106,866,729	\$ 539,343,469		
Local option sales tax		133,884,975		-	133,884,975		
Other taxes, licenses and permits		139,025,206		16,800,859	155,826,065		
Fines, forfeits and penalties		9,311,162		<u>-</u>	9,311,162		
Revenues from the use of money or property		971,572		3,922	975,494		
Revenues from other governmental agencies		110,256,591		1,893,600	112,150,191		
Commissions and fees		17,257,045		-	17,257,045		
Charges for current services		40,807,084		310,256	41,117,340		
Compensation for loss, sale or damage to property		903,657		-	903,657		
Contributions and gifts		562,551		-	562,551		
Miscellaneous Total revenues		3,023,042 888,479,625		125,875,366	 3,023,042 1,014,354,991		
10.01.070.1000		000, 17 0,020	_	120,070,000	 1,011,001,001		
EXPENDITURES:							
General government		50,846,174		-	50,846,174		
Fiscal administration		23,703,880		-	23,703,880		
Administration of justice		64,444,333		-	64,444,333		
Law enforcement and care of prisoners		284,014,877		-	284,014,877		
Fire prevention and control		56,959,068		74,880,557	131,839,625		
Regulation and inspection		10,156,818		-	10,156,818		
Conservation of natural resources		407,900		-	407,900		
Public welfare		6,709,667		-	6,709,667		
Public health and hospitals		69,697,474		-	69,697,474		
Public library system		30,793,711		-	30,793,711		
Public works, highways and streets		24,905,860		9,453,294	34,359,154		
Recreational and cultural		42,296,855		-	42,296,855		
Retiree benefits		67,379,078		20,200,809	87,579,887		
Miscellaneous		113,036,283		3,339,929	116,376,212		
Total expenditures		845,351,978		107,874,589	953,226,567		
Excess of revenues over							
expenditures		43,127,647		18,000,777	 61,128,424		
OTHER FINANCING COURSES (USES)							
OTHER FINANCING SOURCES (USES):		20 240 200			20 240 200		
Transfers in		26,219,860		- (40,400,000)	26,219,860		
Transfers out	_	(101,257,183)		(16,126,300)	 (117,383,483)		
Total other financing sources (uses)		(75,037,323)		(16,126,300)	 (91,163,623)		
Net change in fund balances		(31,909,676)		1,874,477	(30,035,199)		
FUND BALANCES, beginning of year		100,433,561		6,262,965	 106,696,526		
FUND BALANCES, end of year	\$	68,523,885	\$	8,137,442	\$ 76,661,327		

## COMBINING SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES BUDGET AND ACTUAL GENERAL FUND

For the Year Ended June 30, 2018

Final	Actual Amounts	F	Final Budget - Positive (Negative)
445,213,000 136,381,000 143,899,600 8,940,500	\$ 432,476,740 133,884,975 139,025,206 9,311,162	\$	(12,736,260) (2,496,025) (4,874,394) 370,662

Variance with

General Services District

	Budgete	d Amounts	Actual	Positive
	Original	Final	Amounts	(Negative)
REVENUES:				
Property taxes	\$ 445,213,000	\$ 445,213,000	\$ 432,476,740	\$ (12,736,260)
Local option sales tax	136,381,000	136,381,000	133,884,975	(2,496,025)
Other taxes, licenses and permits	143,899,600	143,899,600	139,025,206	(4,874,394)
Fines, forfeits and penalties	8,940,500	8,940,500	9,311,162	370,662
Revenues from the use of money or property	-	-	971,572	971,572
Revenues from other governmental agencies	111,564,900	112,006,500	110,256,591	(1,749,909)
Commissions and fees	15,171,900	15,171,900	17,257,045	2,085,145
Charges for current services	35,180,800	36,880,800	40,807,084	3,926,284
Compensation for loss, sale or damage to property	6,225,600	6,225,600	903,657	(5,321,943)
Contributions and gifts	-	-	562,551	562,551
Miscellaneous	538,400	538,400	3,023,042	2,484,642
Total revenues	903,115,700	905,257,300	888,479,625	(16,777,675)
EXPENDITURES:				
General government	53,284,200	54,042,400	50,846,174	3,196,226
Fiscal administration	25,546,900	26,368,400	23,703,880	2,664,520
Administration of justice	65,034,300	66,576,500	64,444,333	2,132,167
Law enforcement and care of prisoners	278,069,600	287,140,600	284,014,877	3,125,723
Fire prevention and control	54,598,200	56,960,300	56,959,068	1,232
Regulation and inspection	11,199,900	11,302,200	10,156,818	1,145,382
Conservation of natural resources	429,500	437,400	407,900	29,500
Public welfare	7,574,900	7,010,300	6,709,667	300,633
Public health and hospitals	57,120,700	74,692,400	69,697,474	4,994,926
Public library system	30,408,900	31,040,700	30,793,711	246,989
Public works, highways and streets	25,884,600	26,371,700	24,905,860	1,465,840
Recreational and cultural	43,697,600	44,178,200	42,296,855	1,881,345
Retiree benefits	65,599,700	65,599,700	67,379,078	(1,779,378)
Miscellaneous	138,928,000	123,412,100	113,036,283	10,375,817
Total expenditures	857,377,000	875,132,900	845,351,978	29,780,922
Excess (deficiency) of revenues over expenditures	45,738,700	30,124,400	43,127,647	13,003,247
, ,				
OTHER FINANCING SOURCES (USES):				
Transfers in	24,829,500	24,387,900	26,219,860	1,831,960
Transfers out	(120,377,500)	(124,191,600)	(101,257,183)	22,934,417
Total other financing sources (uses)	(95,548,000)	(99,803,700)	(75,037,323)	24,766,377
Net change in fund balances	(49,809,300)	(69,679,300)	(31,909,676)	37,769,624
FUND BALANCES, beginning of year	100,433,561	100,433,561	100,433,561	
FUND BALANCES, end of year	\$ 50,624,261	\$ 30,754,261	\$ 68,523,885	\$ 37,769,624

# COMBINING SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES BUDGET AND ACTUAL GENERAL FUND (CONTINUED)

For the Year Ended June 30, 2018

	Urban Servi	ces District						Total Gene	eral Fi	und		
Budgeted	Amounts	Variance with Final Budget - punts Actual Positive		Budgete	d Amo	ounts		Actual		/ariance with inal Budget - Positive		
Original	Final	Amounts	_	(Negative)		Original		Final		Amounts		(Negative)
\$ 108,701,000	\$ 108,701,000	\$ 106,866,729	\$	(1,834,271)	\$	553,914,000	\$	553,914,000	\$	539,343,469	\$	(14,570,531
-	-	- ·		-		136,381,000		136,381,000		133,884,975		(2,496,025
10,689,100	10,689,100	16,800,859		6,111,759		154,588,700		154,588,700		155,826,065		1,237,365
-	-	-		-		8,940,500		8,940,500		9,311,162		370,662
-	-	3,922		3,922		-		-		975,494		975,494
1,864,800	1,864,800	1,893,600		28,800		113,429,700		113,871,300		112,150,191		(1,721,109
-	-	-		-		15,171,900		15,171,900		17,257,045		2,085,145
2,676,000	2,676,000	310,256		(2,365,744)		37,856,800		39,556,800		41,117,340		1,560,540
100,000	100,000	-		(100,000)		6,325,600		6,325,600		903,657		(5,421,943
-	· -	_		-		-		-		562,551		562,551
-	-	_		-		538,400		538,400		3,023,042		2,484,642
124,030,900	124,030,900	125,875,366		1,844,466		1,027,146,600		1,029,288,200	_	1,014,354,991		(14,933,209
						53,284,200		54,042,400		50,846,174		3,196,226
	_	_				25,546,900		26,368,400		23,703,880		2,664,520
_	_	_		_		65,034,300		66,576,500		64,444,333		2,132,167
_	_	_		_		278,069,600		287,140,600		284,014,877		3,125,723
71,170,700	74,889,100	74,880,557		8,543		125,768,900		131,849,400		131,839,625		9,77!
71,170,700	74,007,100	14,000,331		0,545		11,199,900		11,302,200		10,156,818		1,145,382
_	_	_		_		429,500		437,400		407,900		29,500
						7,574,900		7.010.300		6.709.667		300,633
	_	_				57,120,700		74,692,400		69,697,474		4,994,926
_	_	_		_		30,408,900		31,040,700		30,793,711		246,989
10,116,200	10,153,400	9,453,294		700,106		36,000,800		36,525,100		34,359,154		2,165,946
-	-	-		-		43,697,600		44,178,200		42,296,855		1,881,345
20,451,200	20,451,200	20,200,809		250,391		86,050,900		86,050,900		87,579,887		(1,528,987
6,334,300	3,937,200	3,339,929		597,271		145,262,300		127,349,300		116,376,212		10,973,088
108,072,400	109,430,900	107,874,589		1,556,311		965,449,400		984,563,800		953,226,567	_	31,337,233
 15,958,500	14,600,000	18,000,777		3,400,777		61,697,200		44,724,400	_	61,128,424		16,404,024
-	_	_		<u>-</u>		24,829,500		24,387,900		26,219,860		1,831,960
(15,958,500)	(16,126,300)	(16,126,300)		-		(136,336,000)		(140,317,900)		(117,383,483)		22,934,417
(15,958,500)	(16,126,300)	(16,126,300)		-	_	(111,506,500)		(115,930,000)		(91,163,623)	_	24,766,377

(49,809,300)

106,696,526

56,887,226

(71,205,600)

106,696,526

35,490,926

(30,035,199)

106,696,526

76,661,327

41,170,401

41,170,401

3,400,777

3,400,777

(1,526,300)

6,262,965

4,736,665

6,262,965

6,262,965

1,874,477

6,262,965

8,137,442

## DETAILED SCHEDULE OF EXPENDITURES AND OTHER FINANCING SOURCES (USES) - BUDGET AND ACTUAL GENERAL FUND - GENERAL SERVICES DISTRICT

						Variance with Final Budget -
	Budgete	ed Amou	ints		Actual	Positive
	Original		Final	·	Amounts	(Negative)
GENERAL GOVERNMENT:						
Legislative (Office of Clerk and Council)	\$ 3,078,400	\$	3,127,900	\$	2,859,910	\$ 267,990
Executive (Office of the Mayor)	4,218,800		4,350,600		4,137,589	213,011
Office of Emergency Management	769,700		604,400		565,052	39,348
Election Commission	2,784,900		2,861,000		2,671,746	189,254
Department of Law	6,005,300		6,195,500		6,084,986	110,514
Planning Commission	4,919,200		5,089,500		4,956,044	133,456
Human Resources	5,278,300		5,442,200		5,122,329	319,871
County Register of Deeds	263,500		266,000		257,402	8,598
General Services	24,396,200		24,497,400		22,655,994	1,841,406
Historical Commission	1,082,600		1,112,700		1,067,214	45,486
Community Education Commission	487,300		495,200		467,908	27,292
Total General Government	53,284,200		54,042,400		50,846,174	3,196,226
FISCAL ADMINISTRATION:						
Department of Finance	9,388,500		9,713,300		8,991,707	721,593
Assessor of Property	7,784,600		7,968,300		7,020,609	947,691
Metropolitan Trustee	2,391,600		2,440,700		2,204,673	236,027
County Clerk	4,474,500		4,700,400		4,205,556	494,844
Internal Audit	1,507,700		1,545,700		1,281,335	264,365
Total Fiscal Administration	25,546,900		26,368,400		23,703,880	2,664,520
ADMINISTRATION OF JUSTICE:						
District Attorney	7,020,700		7,312,900		7,311,556	1,344
Public Defender	8,327,900		8,560,800		8,171,472	389,328
Juvenile Court Clerk	1,770,600		1,823,300		1,762,677	60,623
Circuit Court Clerk	3,327,700		3,390,900		3,051,483	339,417
Criminal Court Clerk	5,950,300		6,223,700		5,909,078	314,622
Clerk and Master	1,536,500		1,590,700		1,383,906	206,794
Juvenile Court	12,352,800		12,163,600		12,159,213	4,387
General Sessions Court	11,655,600		11,980,700		11,791,978	188,722
State Trial Courts	8,647,800		8,925,500		8,599,060	326,440
Justice Information System	2,710,000		2,779,500		2,665,265	114,235
Criminal Justice Planning	514,800		530,500		524,403	6,097
Office of Family Safety	1,219,600		1,294,400		1,114,242	180,158
Total Administration of Justice	65,034,300		66,576,500		64,444,333	2,132,167
LAW ENFORCEMENT AND CARE OF PRISONERS:						
Sheriff	70,424,000		73,441,600		73,441,042	558
Police Department	192,716,600		198,389,300		195,928,602	2,460,698
Emergency Communication Center	14,929,000		15,309,700		14,645,233	664,467
Total Law Enforcement and Care						
of Prisoners	278,069,600		287,140,600		284,014,877	3,125,723

## DETAILED SCHEDULE OF EXPENDITURES AND OTHER FINANCING SOURCES (USES) - BUDGET AND ACTUAL GENERAL FUND - GENERAL SERVICES DISTRICT (CONTINUED)

	Dodosto	Accounts	Astropl	Variance with Final Budget -
	Budgeted Original	Final	Actual Amounts	Positive (Negative)
FIRE PREVENTION AND CONTROL:				
Fire Department	\$ 54,598,200	\$ 56,960,300	\$ 56,959,068	\$ 1,232
REGULATION AND INSPECTION:				
Department of Codes Administration	10,783,000	10,873,700	9,729,059	1,144,641
Beer Board	416,900	428,500	427,759	741
Total Regulation and Inspection	11,199,900	11,302,200	10,156,818	1,145,382
CONSERVATION OF NATURAL RESOURCES:				
Agricultural Extension Service	329,700	334,800	312,433	22,367
Soil and Water Conservation	99,800	102,600	95,467	7,133
Total Conservation of				
Natural Resources	429,500	437,400	407,900	29,500
PUBLIC WELFARE:				
Social Services Commission	7,083,000	6,505,100	6,212,473	292,627
Human Relations Commission	491,900	505,200	497,194	8,006
Total Public Welfare	7,574,900	7,010,300	6,709,667	300,633
PUBLIC HEALTH AND HOSPITALS:				
Board of Health	22,120,700	22,551,400	21,556,474	994,926
Hospital Authority	35,000,000	52,141,000	48,141,000	4,000,000
Total Public Health and Hospitals	57,120,700	74,692,400	69,697,474	4,994,926
PUBLIC LIBRARY SYSTEM:				
Public Library	30,408,900	31,040,700	30,793,711	246,989
PUBLIC WORKS, HIGHWAYS AND STREETS:				
Public Works	25,884,600	26,371,700	24,905,860	1,465,840
RECREATIONAL AND CULTURAL:				
Parks and Recreation	39,208,800	39,666,800	37,848,062	1,818,738
Arts Commission	3,629,700	3,652,300	3,589,693	62,607
Sports Authority	859,100	859,100	859,100	
Total Recreational and Cultural	43,697,600	44,178,200	42,296,855	1,881,345

## DETAILED SCHEDULE OF EXPENDITURES AND OTHER FINANCING SOURCES (USES) - BUDGET AND ACTUAL GENERAL FUND - GENERAL SERVICES DISTRICT (CONTINUED)

		Dudanta	۰. ۸			Actual		ariance with nal Budget - Positive
		Budgete Original	a Am	ounts Final	_ Actual Amounts		(Negative)	
RETIREE BENEFITS:		Original		Ппа		Amounts		(Negative)
Contribution to Closed Pension Plans	\$	10,402,300	\$	10,402,300	\$	10,402,300	\$	_
Employer's Contribution for Group Health Insurance	Ψ	52,082,800	Ψ	52,082,800	Ψ	53,823,189	Ψ	(1,740,389)
Unemployment Compensation		200,000		200,000		69,554		130,446
Employer's Contribution for Group Life Insurance		2,914,600		2,914,600		3,084,035		(169,435)
1 - 3	-	,- ,		,- ,		-,,	-	(,,
Total Employee Benefits		65,599,700		65,599,700		67,379,078		(1,779,378)
MISCELLANEOUS:								
Contributions and Community Support		31,443,700		32,758,200		29,506,960		3,251,240
Subsidies		48,635,900		48,635,900		48,635,900		_
Administration and Internal Support		58,848,400		42,018,000		34,893,423		7,124,577
Total Miscellaneous		138,928,000		123,412,100		113,036,283		10,375,817
Total Expenditures	\$	857,377,000	\$	875,132,900	\$	845,351,978	\$	29,780,922
TRANSFERS IN:								
USD General Fund	\$	481,000	\$	481,000	\$	481,000	\$	-
General Purpose School Fund		192,000		192,000		192,000		-
GSD Capital Projects Fund		30,000		30,000		30,000		-
Nonmajor Governmental Funds		14,453,300		14,453,300		16,212,060		1,758,760
District Energy System		4,600		4,600		4,600		-
Water and Sewerage Services		5,789,600		5,789,600		5,862,800		73,200
Nonmajor Enterprise Funds		1,946,000		1,504,400		1,504,400		-
Internal Service Funds		1,933,000		1,933,000		1,933,000		<u>-</u>
Total Transfers In		24,829,500		24,387,900		26,219,860		1,831,960
TRANSFERS OUT:								
GSD General Purpose Debt Service Fund		(51,439,800)		(51,761,100)		(40,335,000)		11,426,100
Nonmajor Governmental Funds		(53,358,800)		(56,770,700)		(55,428,979)		1,341,721
District Energy System		(1,690,300)		(1,690,300)		(1,690,300)		-
Internal Service Funds		(13,888,600)		(13,904,500)		(3,646,384)		10,258,116
Fiduciary Funds				(65,000)		(156,520)		(91,520)
Total Transfers Out		(120,377,500)		(124,191,600)		(101,257,183)		22,934,417
Total Other Financing Sources (Uses)	\$	(95,548,000)	\$	(99,803,700)	\$	(75,037,323)	\$	24,766,377

## DETAILED SCHEDULE OF EXPENDITURES AND OTHER FINANCING SOURCES (USES) - BUDGET AND ACTUAL GENERAL FUND - URBAN SERVICES DISTRICT

	Budgeted Amounts					Actual	Variance with Final Budget - Positive	
		Original		Final		Amounts		(Negative)
FIRE PREVENTION AND CONTROL:								
Fire Department	\$	71,170,700	\$	74,889,100	\$	74,880,557	\$	8,543
PUBLIC WORKS, HIGHWAYS AND STREETS:								
Public Works		10,116,200	_	10,153,400		9,453,294		700,106
RETIREE BENEFITS:								
Contribution to Closed Pension Plans		18,890,100		18,890,100		18,890,100		-
Employer's Contribution for Group Health Insurance		1,500,200		1,500,200		1,262,948		237,252
Employer's Contribution for Group Life Insurance		60,900		60,900		47,761		13,139
Total Employee Benefits		20,451,200		20,451,200	_	20,200,809		250,391
MISCELLANEOUS:								
Administration and Internal Support		6,334,300	_	3,937,200	_	3,339,929		597,271
Total Miscellaneous		6,334,300		3,937,200		3,339,929		597,271
Total Expenditures	\$	108,072,400	\$	109,430,900	\$	107,874,589	\$	1,556,311
TRANSFERS OUT:								
GSD General Fund	\$	(481,000)	\$	(481,000)	\$	(481,000)	\$	-
Nonmajor Governmental Funds		(14,327,000)		(14,494,800)		(14,494,800)		-
Internal Service Funds		(1,150,500)	_	(1,150,500)		(1,150,500)		
Total Transfers Out		(15,958,500)		(16,126,300)		(16,126,300)		
Total Other Financing Sources (Uses)	\$	(15,958,500)	\$	(16,126,300)	\$	(16,126,300)	\$	_

### SCHEDULE OF DELINQUENT PROPERTY TAXES RECEIVABLE - BY FUND

	Total							
	Delinquent	General Services District						
	Property			Debt	School Debt			
	Taxes		General	School	Service	Service		
	Receivable	Total	Fund	Fund	Fund	Fund		
2017 Realty	\$ 1,159,075	\$ 1,005,682	\$ 479,656	\$ 368,998	\$ 110,254	\$ 46,774		
2017 Personalty	1,192,947	1,050,196	501,883	384,632	114,925	48,756		
· · · · · · · · · · · · · · · · · · ·			,	,	,	•		
2017 Public Utility	77,041	66,308	31,590	24,354	7,277	3,087		
Total 2017 Property Taxes	2,429,063	2,122,186	1,013,129	777,984	232,456	98,617		
2016 Realty	179,658	159,770	76,346	58,508	17,478	7,438		
2016 Personalty	916,418	806,659	384,889	295,803	88,365	37,602		
2016 Public Utility	61,014	52,222	24,814	19,222	5,742	2,444		
Total 2016 Property Taxes	1,157,090	1,018,651	486,049	373,533	111,585	47,484		
2015 & Prior - Realty	951,913	873,853	426,309	309,439	97,689	40,416		
2015 & Prior - Personalty	5,493,988	4,832,474	2,379,198	1,678,025	556,756	218,495		
2015 & Prior - Public Utility	608,358	521,026	256,422	179,586	60,120	24,898		
Total 2015 & Prior Property Taxes	7,054,259	6,227,353	3,061,929	2,167,050	714,565	283,809		
Total Delinquent Property Taxes Receivable *	\$ 10,640,412	\$ 9,368,190	\$ 4,561,107	\$ 3,318,567	\$ 1,058,606	\$ 429,910		

<sup>\*</sup> Excludes 2018 Property Tax Levy

## SCHEDULE OF DELINQUENT PROPERTY TAXES RECEIVABLE - BY FUND (CONTINUED)

Urban Services District								
				Debt				
		General		Service				
_	Total	Fund		Fund				
\$	153,393	\$ 130,895	\$	22,498				
Ψ	142,751	' '	Ψ	20,937				
	•	121,814						
_	10,733	9,159		1,574				
	306,877	261,868		45,009				
_		<del></del>		· · · · · · · · · · · · · · · · · · ·				
	19,888	16,573		3,315				
	109,759	91,466		18,293				
	8,792	7,327		1,465				
	,							
	138,439	115,366		23,073				
	78,060	65,560		12,500				
	661,514	557,000		104,514				
	87,332	74,402		12,930				
	826,906	696,962		129,944				
\$	1,272,222	\$ 1,074,196	\$	198,026				

### SCHEDULE OF DELINQUENT PROPERTY TAXES RECEIVABLE - BY TYPE

	Year of Levy	 Realty		Personalty	 Public Utility	 Total
General Services District	2017	\$ 1,005,682	\$	1,050,196	\$ 66,308	\$ 2,122,186
	2016	159,770		806,659	52,222	1,018,651
	2015	51,317		770,850	39,671	861,838
	2014	473,504		609,751	46,360	1,129,615
	2013	35,107		449,429	7,907	492,443
	2012	56,030		243,290	109,134	408,454
	2011	59,119		294,877	50,195	404,191
	2010	29,974		348,776	8,526	387,276
	2009	35,578		483,518	28,173	547,269
	2008	25,658		667,698	26,808	720,164
	2007	 107,566	_	964,285	 204,254	 1,276,105
Total General Services District		2,039,305		6,689,329	 639,558	 9,368,192
Urban Services District	2017	153,393		142,751	10,733	306,877
	2016	19,888		109,759	8,792	138,439
	2015	8,222		110,891	6,923	126,036
	2014	33,175		78,779	6,561	118,515
	2013	4,121		59,431	1,191	64,743
	2012	2,707		29,321	19,270	51,298
	2011	3,703		43,484	9,168	56,355
	2010	4,474		43,544	1,368	49,386
	2009	5,928		63,211	4,122	73,261
	2008	3,044		93,916	3,284	100,244
	2007	 12,684	_	138,937	 35,445	 187,066
Total Urban Services District		 251,339		914,024	 106,857	 1,272,220
Total Delinquent Property Taxes Receivable *		\$ 2,290,644	\$	7,603,353	\$ 746,415	\$ 10,640,412

<sup>\*</sup> Excludes 2018 Property Tax Levy



#### SCHEDULE OF BONDS PAYABLE

June 30, 2018

<u>Description</u>	Interest Rate	Date c	Date of Issue	
GENERAL OBLIGATION BONDS PAYABLE				
For General Purposes:				
GSD G.O. Improvement and Refunding Bonds, Series 2010A	2.75 - 5.00	June	10, 2010	
GSD G.O. Improvement Bonds Federally Taxable (BAB's), Series 2010B	5.71	June	10, 2010	
GSD G.O. Refunding Bonds, Series 2010D	1.50 - 5.00	Sept.	21, 2010	
GSD G.O. Refunding Bonds, Series 2011	2.00 - 5.00	Sept.	29, 2011	
GSD G.O. Refunding Bonds, Series 2012	2.00 - 5.00	Feb.	2, 2012	
GSD G.O. Improvement Bonds (QECB), Series 2012	3.367	Aug.	15, 2012	
GSD G.O. Refunding Bonds, Series 2012B	.320 - 2.767	Aug.	15, 2012	
GSD G.O. Refunding Bonds, Series 2013	2.00 - 5.00	Feb.	21, 2013	
GSD G.O. Improvement Bonds, Series 2013A	3.00 - 5.00	May	9, 2013	
GSD G.O. Refunding Bonds, Series 2015A	5.00	Feb.	19, 2015	
GSD G.O. Refunding Bonds, Series 2015B (Taxable)	.30 - 3.493	Feb.	19, 2015	
GSD G.O. Improvement Bonds, Series 2015C	4.00 - 5.00	July	30, 2015	
GSD G.O. Refunding Bonds, Series 2016	2.00 - 5.00	June	1, 2016	
GSD G.O. Improvement Bonds, Series 2017	4.00 - 5.00	Feb.	2, 2017	
Total General Obligation Bonds Payable For General Purposes				
For School Purposes:				
GSD G.O. Improvement and Refunding Bonds, Series 2010A	2.75 - 5.00	June	10, 2010	
GSD G.O. Improvement Bonds Federally Taxable (BAB's), Series 2010B	5.71	June	10, 2010	
GSD G.O. Refunding Bonds, Series 2010D	1.50 - 5.00	Sept.	21, 2010	
GSD G.O. Refunding Bonds, Series 2011	2.00 - 5.00	Sept.	29, 2011	
GSD G.O. Refunding Bonds, Series 2012	2.00 - 5.00	Feb.	2, 2012	
GSD G.O. Refunding Bonds, Series 2012B	.320 - 2.767	Aug.	15, 2012	
GSD G.O. Refunding Bonds, Series 2013	2.00 - 5.00	Feb.	21, 2013	
GSD G.O. Improvement Bonds, Series 2013A	3.00 - 5.00	May	9, 2013	
GSD G.O. Refunding Bonds, Series 2015A	5.00	Feb.	19, 2015	
GSD G.O. Refunding Bonds, Series 2015B (Taxable)	.30 - 3.493	Feb.	19, 2015	
GSD G.O. Improvement Bonds, Series 2015C	4.00 - 5.00	July	30, 2015	
GSD G.O. Refunding Bonds, Series 2016	2.00 - 5.00	June	1, 2016	
GSD G.O. Improvement Bonds, Series 2017	4.00 - 5.00	Feb.	2, 2017	

Total General Obligation Bonds Payable for School Purposes

Total General Obligation Bonds Payable - General Services District

## SCHEDULE OF BONDS PAYABLE (CONTINUED)

Date of Final A Maturity		Amount of Issue	3		Amount	Interest to Maturity as of June 30, 2018		
July July July July Aug. July July July Jan. July July July Jan. July	1, 2026 1, 2034 1, 2024 1, 2023 1, 2025 1, 2027 1, 2024 1, 2027 1, 2033 1, 2026 1, 2029 1, 2034 1, 2033 1, 2036	\$ 159,008,728 138,046,756 144,150,016 49,712,377 154,956,701 6,440,000 67,480,283 138,755,487 253,070,885 33,884,829 72,314,470 240,454,031 231,949,343 280,675,679		\$	78,589,247 138,046,756 83,088,112 38,214,465 138,305,217 6,440,000 45,793,027 130,019,857 38,396,473 33,884,829 68,465,070 231,929,576 227,356,821 280,675,679		\$	11,393,944 101,870,317 12,114,334 5,628,519 26,494,641 2,059,931 4,981,033 43,799,094 6,981,883 9,655,304 8,811,103 107,142,151 109,074,615 127,875,975
		1,970,899,585			1,539,205,129			577,882,844
July July July July July July July Jan. July July July July July July July July	1, 2026 1, 2034 1, 2024 1, 2023 1, 2025 1, 2024 1, 2027 1, 2033 1, 2026 1, 2029 1, 2034 1, 2033 1, 2036	114,567,598 70,516,649 120,126,326 32,574,740 53,280,200 62,161,564 82,814,365 84,932,213 22,804,914 30,240,838 97,563,777 78,790,586 171,785,733		_	55,813,450 70,516,649 69,240,856 23,082,652 47,554,769 42,183,669 77,600,621 12,886,103 22,804,914 28,631,076 94,104,995 77,201,410 171,785,733		_	7,766,182 52,037,101 10,095,388 3,467,591 9,109,900 4,588,434 26,140,907 2,343,165 6,498,140 3,684,672 43,472,729 36,956,472 78,265,662
		1,022,159,503 \$ 2,993,059,088		\$	793,406,897 2,332,612,026		\$	284,426,343 862,309,187

#### SCHEDULE OF BONDS PAYABLE (CONTINUED)

June 30, 2018

Description	Interest Rate	Date	e of Issue
GENERAL OBLIGATION BONDS PAYABLE			
USD G.O. Improvement and Refunding Bonds, Series 2010A	2.75 - 5.00	June	10, 2010
USD G.O. Improvement Bonds Federally Taxable (BAB's), Series 2010B	5.71	June	10, 2010
USD G.O. Refunding Bonds, Series 2010D	1.50 - 5.00	Sept.	21, 2010
USD G.O. Refunding Bonds, Series 2011	2.00 - 5.00	Sept.	29, 2011
USD G.O. Refunding Bonds, Series 2012	2.00 - 5.00	Feb.	2, 2012
USD G.O. Refunding Bonds, Series 2012B	.320 - 2.767	Aug.	15, 2012
USD G.O. Refunding Bonds, Series 2013	2.00 - 5.00	Feb.	21, 2013
USD G.O. Improvement Bonds, Series 2013A	3.00 - 5.00	May	9, 2013
USD G.O. Refunding Bonds, Series 2015A	5.00	Feb.	19, 2015
USD G.O. Refunding Bonds, Series 2015B (Taxable)	.30 - 3.493	Feb.	19, 2015
USD G.O. Improvement Bonds, Series 2015C	4.00 - 5.00	July	30, 2015
USD G.O. Refunding Bonds, Series 2016	2.00 - 5.00	June	1, 2016
USD G.O. Improvement Bonds, Series 2017	4.00 - 5.00	Feb.	2, 2017
Total General Obligation Bonds Payable (governmental activities)			
USD G.O. Improvement and Refunding Bonds, Series 2010A (1)	2.21 - 5.71	June	10, 2010
USD G.O. Refunding Bonds, Series 2010D (1)	1.50 - 5.00	Sept.	21, 2010
USD G.O. Refunding Bonds, Series 2011 (1)	2.00 - 5.00	Sept.	29, 2011
District Energy System Revenue Refunding Bonds, Series 2012A	2.00 - 5.00	Aug.	15, 2012
USD G.O. Refunding Bonds, Series 2012B (1)	.320 - 2.767	Aug.	15, 2012
USD G.O. Improvement Bonds, Series 2013A (1)	3.00 - 5.00	May	9, 2013
USD G.O. Improvement Bonds, Series 2015C (1)	4.00 - 5.00	July	30, 2015
USD G.O. Refunding Bonds, Series 2016 (1)	2.00 - 5.00	June	1, 2016
USD G.O. Improvement Bonds, Series 2017	4.00 - 5.00	Feb.	2, 2017
OOD G.G. Improvement Bonds, Genes 2017	4.00 - 3.00	T CD.	2, 2017
Total General Obligation Bonds Payable (business-type activities)			
Total General Obligation Bonds Payable - Urban Services District			
REVENUE BONDS PAYABLE			
Dept. of Water and Sewerage Revenue Refunding Bonds, Series 2008A	3.25 - 5.25	Feb.	15, 2008
Dept. of Water and Sewerage Revenue Refunding Bonds, Series 2010A	3.00 - 5.00	Dec.	9, 2010
Dept. of Water and Sewerage Revenue Bonds Federally Taxable (BAB's), Series 2010B	6.393 - 6.568	Dec.	9, 2010
Dept. of Water and Sewerage Revenue Bonds Federally Taxable, Series 2010C	6.693	Dec.	9, 2010
Dept. of Water and Sewerage Revenue Refunding Bonds Federally Taxable, Series 2010D	4.255 - 4.791	Dec.	9, 2010
Dept. of Water and Sewerage Revenue Refunding Bonds, Series 2012	1.00 - 5.00	Feb.	2, 2012
Dept. of Water and Sewerage Revenue Bonds, Series 2013	3.00 - 5.00	Apr.	25, 2013
Dept. of Water and Sewerage Revenue Bonds, Series 2017A (Green Bonds)	3.00 - 5.00	Nov.	2, 2017
Dept. of Water and Sewerage Revenue Bonds, Series 2017B	5.00	Nov.	2, 2017
Dopt. of Water and Dewerage Nevertue Donas, Offices 2017D	3.00	INOV.	۷, ۲۰۱۱

Total Revenue Bonds Payable - Department of Water and Sewerage

<sup>(1)</sup> Portions of these USD G.O. Bonds are directly related to the District Energy System, a proprietary fund, and intended to be repaid from resources of the District Energy System. Therefore, the liability is reported in business-type activities.

### SCHEDULE OF BONDS PAYABLE (CONTINUED)

June 30, 2018

	of Final		Amount of Issue		Principal Amount Outstanding June 30, 2018	J	Interest to Maturity as of une 30, 2018
July July July July July July July July	1, 2026 1, 2034 1, 2024 1, 2023 1, 2025 1, 2024 1, 2027 1, 2033 1, 2026 1, 2029 1, 2034 1, 2033 1, 2036	\$	22,899,473 43,441,595 25,925,413 6,688,796 18,873,099 7,471,610 23,915,148 30,135,613 3,040,257 1,424,692 8,531,298 27,571,610 2,538,666	\$	10,390,982 43,441,595 14,943,417 6,688,796 16,845,014 5,070,334 22,409,522 4,572,241 3,040,257 1,348,854 8,228,851 27,026,662 2,538,666	\$	1,134,215 32,057,319 2,178,765 983,878 3,226,940 551,514 7,548,977 831,401 866,307 173,591 3,801,399 12,969,558 1,156,617
July	1, 2030		222,457,270		166,545,191		67,480,481
July July July Oct. July Jan. July Jan. July	1, 2034 1, 2024 1, 2023 1, 2033 1, 2024 1, 2033 1, 2034 1, 2033 1, 2036		274,201 1,158,245 504,087 47,450,000 3,231,543 6,526,289 685,894 5,663,461 539,922		176,321 667,615 504,087 39,590,000 2,192,970 990,183 661,578 5,565,107 539,922		5,870 97,338 122,511 15,661,575 238,535 180,051 305,623 2,702,055 245,989
			66,033,642		50,887,783		19,559,547
		<u> </u>	288,490,912	\$	217,432,974	\$	87,040,028
Jan. July July July July July July July July	1, 2022 1, 2027 1, 2037 1, 2041 1, 2018 1, 2023 1, 2033 1, 2046 1, 2046	\$	122,530,000 104,050,000 135,000,000 75,000,000 7,610,000 129,625,000 237,930,000 89,420,000 155,210,000	\$	27,905,000 76,530,000 135,000,000 75,000,000 990,000 94,380,000 237,930,000 89,420,000 155,210,000	\$	2,214,450 18,494,675 130,647,588 109,754,157 23,715 11,900,000 187,016,075 82,571,822 145,404,500
		\$	1,056,375,000	\$	892,365,000	\$	688,026,982

### FUTURE PRINCIPAL AND INTEREST REQUIREMENTS OF BONDS PAYABLE GENERAL SERVICES DISTRICT - GENERAL OBLIGATION BONDS

Based on Bonded Debt as of June 30, 2018

June 30         Principal         Interest           2019         \$ 140,082,427         \$ 103,556,169         \$ 24           2020         147,975,948         97,775,083         24           2021         154,408,261         91,308,013         24           2022         157,655,584         84,062,207         24           2023         166,034,103         76,560,016         24           2024         175,443,514         69,072,682         24           2025         175,333,060         61,376,552         23           2026         157,739,944         53,719,884         22           2027         142,092,615         46,503,492         18           2028         139,727,960         39,675,457         17           2029         101,498,203         34,002,947         13           2030         105,288,405         29,753,869         13           2031         105,716,683         24,777,316         13           2032         110,358,456         19,649,821         13           2033         115,212,390         14,291,500         12           2034         83,598,584         8,758,827         3           2035         87,069,323 </th <th></th> <th>on Bonds</th> <th>neral Obligatio</th> <th>Total Ge</th> <th></th> <th> Ending</th>		on Bonds	neral Obligatio	Total Ge		 Ending
2020       147,975,948       97,775,083       22         2021       154,408,261       91,308,013       24         2022       157,655,584       84,062,207       24         2023       166,034,103       76,560,016       26         2024       175,443,514       69,072,682       22         2025       175,333,060       61,376,552       23         2026       157,739,944       53,719,884       22         2027       142,092,615       46,503,492       18         2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       3         2035       87,069,323       4,743,371       3         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2040       -       -	otal	_			Principal	June 30
2021       154,408,261       91,308,013       24         2022       157,655,584       84,062,207       24         2023       166,034,103       76,560,016       26         2024       175,443,514       69,072,682       22         2025       175,333,060       61,376,552       23         2026       157,739,944       53,719,884       26         2027       142,092,615       46,503,492       18         2028       139,727,960       39,675,457       17         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       3         2035       87,069,323       4,743,371       3         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2039       -       -       -         2040       -       -       -         2043       -       -       - <td< td=""><td>13,638,596</td><td>\$ )</td><td>103,556,169</td><td>\$</td><td>140,082,427</td><td>\$ 2019</td></td<>	13,638,596	\$ )	103,556,169	\$	140,082,427	\$ 2019
2021       154,408,261       91,308,013       24         2022       157,655,584       84,062,207       24         2023       166,034,103       76,560,016       26         2024       175,443,514       69,072,682       22         2025       176,333,060       61,376,552       23         2026       157,739,944       53,719,884       26         2027       142,092,615       46,503,492       18         2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       3         2035       87,069,323       4,743,371       3         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2040       -       -       -         2041       -       -       - <td>15,751,03<sup>-</sup></td> <td>3</td> <td>97,775,083</td> <td></td> <td>147,975,948</td> <td>2020</td>	15,751,03 <sup>-</sup>	3	97,775,083		147,975,948	2020
2022       157,655,584       84,062,207       24         2023       166,034,103       76,560,016       24         2024       175,443,514       69,072,682       24         2025       175,333,060       61,376,552       23         2026       157,739,944       53,719,884       22         2027       142,092,615       46,503,492       18         2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       3         2035       87,069,323       4,743,371       3         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -         2040       -       -         2041       -       -         2042       -       - </td <td>15,716,274</td> <td>3</td> <td>91,308,013</td> <td></td> <td>154,408,261</td> <td></td>	15,716,274	3	91,308,013		154,408,261	
2024       175,443,514       69,072,682       24         2025       175,333,060       61,376,552       23         2026       157,739,944       53,719,884       24         2027       142,092,615       46,503,492       16         2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       3         2035       87,069,323       4,743,371       3         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       - <td>11,717,79<sup>,</sup></td> <td>7</td> <td>84,062,207</td> <td></td> <td>157,655,584</td> <td>2022</td>	11,717,79 <sup>,</sup>	7	84,062,207		157,655,584	2022
2025       175,333,060       61,376,552       22         2026       157,739,944       53,719,884       22         2027       142,092,615       46,503,492       18         2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2038       -       -         2039       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -	12,594,119	6	76,560,016		166,034,103	2023
2026       157,739,944       53,719,884       22         2027       142,092,615       46,503,492       18         2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -	14,516,196	2	69,072,682		175,443,514	2024
2027     142,092,615     46,503,492     18       2028     139,727,960     39,675,457     17       2029     101,498,203     34,002,947     13       2030     105,288,405     29,753,869     13       2031     105,716,683     24,777,316     13       2032     110,358,456     19,649,821     13       2033     115,212,390     14,291,500     12       2034     83,598,584     8,758,827     3       2035     87,069,323     4,743,371     3       2036     33,015,361     2,034,756     3       2037     34,361,205     687,225     3       2038     -     -       2040     -     -       2041     -     -       2042     -     -       2043     -     -       2044     -     -       2045     -     -       2046     -     -	36,709,612	2	61,376,552		175,333,060	2025
2028       139,727,960       39,675,457       17         2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       12         2035       87,069,323       4,743,371       13         2036       33,015,361       2,034,756       13         2037       34,361,205       687,225       13         2038       -       -       -         2040       -       -       -         2041       -       -       -         2042       -       -       -         2043       -       -       -         2044       -       -       -         2045       -       -       -         2046       -       -       -	1,459,828	ļ	53,719,884		157,739,944	2026
2029       101,498,203       34,002,947       13         2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -	38,596,107	2	46,503,492		142,092,615	2027
2030       105,288,405       29,753,869       13         2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -	79,403,417	,	39,675,457		139,727,960	2028
2031       105,716,683       24,777,316       13         2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -       -         2040       -       -       -         2041       -       -       -         2042       -       -       -         2043       -       -       -         2045       -       -       -         2046       -       -       -	35,501,150	,	34,002,947		101,498,203	2029
2032       110,358,456       19,649,821       13         2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -       -         2040       -       -       -         2041       -       -       -         2042       -       -       -         2043       -       -       -         2044       -       -       -         2045       -       -       -         2046       -       -       -	35,042,274	)	29,753,869		105,288,405	2030
2033       115,212,390       14,291,500       12         2034       83,598,584       8,758,827       9         2035       87,069,323       4,743,371       9         2036       33,015,361       2,034,756       3         2037       34,361,205       687,225       3         2038       -       -       -         2040       -       -       -         2041       -       -       -         2042       -       -       -         2043       -       -       -         2044       -       -       -         2045       -       -       -         2046       -       -       -	30,493,999	6	24,777,316		105,716,683	2031
2034 83,598,584 8,758,827 9 2035 87,069,323 4,743,371 9 2036 33,015,361 2,034,756 9 2037 34,361,205 687,225 9 2038	30,008,27		19,649,821		110,358,456	2032
2035     87,069,323     4,743,371     9       2036     33,015,361     2,034,756     3       2037     34,361,205     687,225     3       2038     -     -     -       2040     -     -     -       2041     -     -     -       2042     -     -     -       2043     -     -     -       2044     -     -     -       2045     -     -     -       2046     -     -     -	29,503,890	)	14,291,500		115,212,390	2033
2036 33,015,361 2,034,756 2037 34,361,205 687,225 2038	92,357,41	,	8,758,827		83,598,584	2034
2037 34,361,205 687,225 2038	91,812,694		4,743,371		87,069,323	2035
2038       -       -         2039       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -	35,050,117	6	2,034,756		33,015,361	2036
2039       -       -         2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -	35,048,430	<u>,                                      </u>	687,225		34,361,205	2037
2040       -       -         2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -		-	-		-	2038
2041       -       -         2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -		-	-		-	2039
2042       -       -         2043       -       -         2044       -       -         2045       -       -         2046       -       -		-	-		-	2040
2043       -		-	-		-	2041
2044		-	-		-	2042
2045		-	-		-	2043
2046		-	-		-	2044
		-	-		-	2045
2047		-	-		-	2046
		-	-		-	2047
		 _				

### FUTURE PRINCIPAL AND INTEREST REQUIREMENTS OF BONDS PAYABLE (CONTINUED) GENERAL SERVICES DISTRICT - GENERAL OBLIGATION BONDS

Based on Bonded Debt as of June 30, 2018

General Services District - General Obligation Bonds

		For General Purposes					For Sc	hool Purposes		
Principa	al	Interest		Total	_	Principal		Interest		Total
\$ 84,46	7,213	68,725,676	\$	153,192,889	\$	55,615,214		34,830,493	\$	90,445,707
95,88	2,838	65,110,887		160,993,725		52,093,110		32,664,196		84,757,306
100,24	3,882	60,921,727		161,165,609		54,164,379		30,386,286		84,550,665
101,86	0,076	56,215,826		158,075,902		55,795,508		27,846,381		83,641,889
111,169	9,703	51,277,489		162,447,192		54,864,400		25,282,527		80,146,927
111,90	2,991	46,365,781		158,268,772		63,540,523		22,706,901		86,247,424
113,58	2,557	41,358,945		154,941,502		61,750,503		20,017,607		81,768,110
104,06	4,797	36,321,333		140,386,130		53,675,147		17,398,551		71,073,698
94,50	0,103	31,544,707		126,044,810		47,592,512		14,958,785		62,551,297
96,25	2,129	26,952,017		123,204,146		43,475,831		12,723,440		56,199,271
69,91	8,152	23,057,147		92,975,299		31,580,051		10,945,800		42,525,851
72,50	6,728	20,164,388		92,671,116		32,781,677		9,589,481		42,371,158
72,74	8,319	16,735,716		89,484,035		32,968,364		8,041,600		41,009,964
75,959	9,305	13,203,096		89,162,401		34,399,151		6,446,725		40,845,876
79,31	8,168	9,510,276		88,828,444		35,894,222		4,781,224		40,675,446
55,36	3,524	5,697,556		61,061,080		28,235,060		3,061,271		31,296,331
57,66	8,899	3,031,750		60,700,649		29,400,424		1,711,621		31,112,045
20,48	0,440	1,262,221		21,742,661		12,534,921		772,535		13,307,456
21,31	5,305	426,306		21,741,611		13,045,900		260,919		13,306,819
	-	-		-		-		-		-
	-	-		-		-		-		-
	-	-		-		-		-		-
	-	=		-		-		=		-
	-	-		-		-		-		-
	-	-		-		-		-		-
	-	-		-		-		-		•
	-	-		-		-		=		-
	-	-		-		-		-		-
	-	-		-		-		-		-
			_		_				_	
\$ 1,539,20	5,129	\$ 577,882,844	\$	2,117,087,973	\$	793,406,897	\$ 2	84,426,343	\$	1,077,833,240

### FUTURE PRINCIPAL AND INTEREST REQUIREMENTS OF BONDS PAYABLE (CONTINUED) URBAN SERVICES DISTRICT - GENERAL OBLIGATION BONDS

Based on Bonded Debt as of June 30, 2018

June 30	Principal	Interest	Total
2019	\$ 13,742,573	\$ 10,062,470	\$ 23,805,043
2020	12,159,052	9,530,512	21,689,564
2021	12,736,739	8,989,356	21,726,095
2022	12,934,416	8,366,924	21,301,340
2023	13,690,897	7,738,179	21,429,076
2024	15,381,486	7,105,822	22,487,308
2025	15,256,940	6,428,311	21,685,251
2026	13,840,056	5,739,198	19,579,254
2027	14,872,385	5,044,681	19,917,066
2028	14,487,040	4,324,640	18,811,680
2029	11,361,797	3,688,924	15,050,721
2030	11,766,595	3,190,265	14,956,860
2031	12,193,317	2,605,736	14,799,053
2032	12,696,544	1,997,586	14,694,130
2033	13,232,610	1,347,814	14,580,424
2034	9,841,416	655,623	10,497,039
2035	6,780,677	205,468	6,986,145
2036	224,639	13,844	238,483
2037	233,795	4,675	238,470
2038	-	-	
2039	-	-	
2040	-	-	•
2041	-	-	•
2042	-	-	•
2043	-	-	•
2044	-	-	•
2045	-	-	•
2046	-	-	•
2047	=	-	•

### FUTURE PRINCIPAL AND INTEREST REQUIREMENTS OF BONDS PAYABLE (CONTINUED) DEPARTMENT OF WATER AND SEWERAGE SERVICES

Based on Bonded Debt as of June 30, 2018

Year	Revenue Bonds						
Ending		tment of Water and Sewerage					
June 30	Principal	Interest	Total				
2019	\$ 38,225,000	\$ 46,136,004	\$ 84,361,004				
2020	39,120,000	44,225,115	83,345,115				
2021	25,080,000	42,304,977	67,384,977				
2022	29,955,000	40,984,827	70,939,827				
2023	36,775,000	39,449,077	76,224,077				
2024	27,475,000	37,987,378	65,462,378				
2025	21,445,000	36,819,677	58,264,677				
2026	22,490,000	35,756,878	58,246,878				
2027	23,605,000	34,622,378	58,227,378				
2028	24,780,000	33,375,526	58,155,526				
2029	25,850,000	32,061,447	57,911,447				
2030	26,995,000	30,657,731	57,652,731				
2031	28,270,000	29,114,622	57,384,622				
2032	29,605,000	27,488,762	57,093,762				
2033	31,015,000	25,779,580	56,794,580				
2034	32,490,000	23,989,844	56,479,844				
2035	34,045,000	22,111,927	56,156,927				
2036	35,670,000	20,145,338	55,815,338				
2037	37,380,000	18,085,809	55,465,809				
2038	39,165,000	15,925,580	55,090,580				
2039	41,005,000	13,654,921	54,659,921				
2040	42,875,000	11,274,966	54,149,966				
2041	44,810,000	8,795,273	53,605,273				
2042	46,765,000	6,285,776	53,050,776				
2043	29,685,000	4,380,044	34,065,044				
2044	31,035,000	3,028,900	34,063,900				
2045	14,810,000	1,967,500	16,777,500				
2046	15,575,000	1,207,875	16,782,875				
2047	16,370,000	409,250	16,779,250				
	\$ 892,365,000	\$ 688,026,982	\$ 1,580,391,982				

### BUDGETARY SCHEDULE OF ESTIMATED REVENUES AND FUND BALANCES TO SUPPORT APPROPRIATIONS\*

### GENERAL SERVICES DISTRICT

SOURCE OF REVENUE:	General Fund	Debt Service Fund	School Debt Service Fund	School Funds	Total
Property Taxes - Current Year	\$ 416,370,900	\$ 95,132,300	\$ 40,359,100	\$ 318,389,700	\$ 870,252,000
Property Taxes - Current Tear  Property Taxes - Non Current Year	34,692,900	270,100	114,200	3,991,400	39,068,600
Local Option Sales Tax	141,331,000	2,618,200	61,103,300	233,058,200	438,110,700
Other Taxes, Licenses, and Permits	146,969,700	2,010,200	-	20,237,200	167,206,900
Fines, Forfeits, and Penalties	8,801,400	287,500	_	1,200	9,090,100
Revenues From Use of Money or Property	-	-	97,000	-,200	97.000
Other Agencies - Federal Direct	3,000	-	-	100,000	103,000
Other Agencies - Federal Through State	3,273,300	-	-	436,000	3,709,300
Other Agencies - Other Pass - Through	6,550,000	-	-	-	6,550,000
Other Agencies - State Direct	91,726,400	7,324,300	-	288,718,000	387,768,700
Other Agencies - Other Governments	17,019,300	-	-	10,000	17,029,300
Commissions and Fees	15,431,100	=	=	=	15,431,100
Charges for Current Services	40,484,900	-	-	1,380,000	41,864,900
Compensation from Property	11,364,200	15,000,000	-	14,728,000	41,092,200
Contributions and Gifts	-	-	-	600,000	600,000
Miscellaneous	544,100	4,843,400		150,000	5,537,500
Subtotal	934,562,200	125,475,800	101,673,600	881,799,700	2,043,511,300
Operating Transfers In	18,437,500	43,820,400	1,599,600	2,500,000	66,357,500
Non-Operating Transfers In	8,524,300	-	-	_,000,000	8,524,300
Then operating transfers in	5,62 .,666				5,621,666
Subtotal	26,961,800	43,820,400	1,599,600	2,500,000	74,881,800
Appropriated Unreserved Fund Balances	8,350,000		550,000		8,900,000
Total Available for GSD Appropriations	\$ 969,874,000	\$ 169,296,200	\$ 103,823,200	\$ 884,299,700	\$ 2,127,293,100

<sup>\*</sup> Excerpts from the Metropolitan Council Budget Substitute Bill Number BL2018-1184 for the 2018-2019 fiscal year.

### BUDGETARY SCHEDULE OF ESTIMATED REVENUES AND FUND BALANCES TO SUPPORT APPROPRIATIONS\* (CONTINUED)

#### URBAN SERVICES DISTRICT

SOURCE OF REVENUE:	General Fund	Debt Service Fund	Total
Property Taxes - Current Year	\$ 91,577,300	\$ 17,803,400	\$ 109,380,700
Property Taxes - Non Current Year	17,520,900	45,300	17,566,200
Other Taxes, Licenses, and Permits	11,327,700	=	11,327,700
Other Agencies - State Direct	1,863,200	-	1,863,200
Charges for Current Services	124,800	=	124,800
Compensation from Property	100,000	=	100,000
Operating Transfers In		1,808,600	1,808,600
Subtotal	122,513,900	19,657,300	142,171,200
Appropriated Unreserved Fund Balances	500,000		500,000
Total Available for USD Appropriations	\$ 123,013,900	\$ 19,657,300	\$ 142,671,200

<sup>\*</sup> Excerpts from the Metropolitan Council Budget Substitute Bill Number BL2018-1184 for the 2018-2019 fiscal year.

### BUDGETARY SCHEDULE OF APPROPRIATIONS BY FUNCTION AND/OR FUNDS \*

GENERAL FUND		General Services District		Urban Services District		uplicated By Interdistrict Interfund Transfers		Appropriation By Function And/Or Fund
General Government	\$	188,643,200	\$	24,459,900	\$	_	\$	213,103,100
Fiscal Administration	Ψ	25,697,900	Ψ	-	Ψ	_	Ψ	25,697,900
Administration of Justice		67,647,900		_		_		67,647,900
Law Enforcement and Care of Prisoners		272,930,500		481,000		481,000		272,930,500
Fire Prevention and Control		58,625,500		70,014,200		-		128,639,700
Regulation, Inspection, & Economic Development		44,788,600		2,898,100		_		47,686,700
Social Services		7,919,900		-		_		7,919,900
Health and Hospitals		93,042,400		=		-		93,042,400
Public Library System		31,240,700		=		-		31,240,700
Recreational, Cultural, Conservation & Community Support	ort	62,092,500		350,000		_		62,442,500
Infrastructure and Transportation		83,175,100		24,810,700		_		107,985,800
Transfers		34,069,800		-		_		34,069,800
Total General Funds		969,874,000		123,013,900		481,000		1,092,406,900
DEBT SERVICE FUNDS								
(See detail on succeeding pages)		273,119,400		19,657,300		-		292,776,700
SCHOOL FUNDS								
(See detail on succeeding pages)		884,299,700		<u> </u>		-	_	884,299,700
Total Appropriations By District		2,127,293,100		142,671,200		481,000		2,269,483,300
LESS INTERFUND TRANSFER:								
GSD Operating to GSD Debt		(37,591,100)		-		-		(37,591,100)
Schools to GSD General		(192,000)		-		-		(192,000)
MNPS to MNPS Debt		(1,599,600)	_		-	-		(1,599,600)
Net Appropriation by District	\$	2,087,910,400	\$	142,671,200	\$	481,000	\$	2,230,100,600

<sup>\*</sup> Excerpts from the Metropolitan Council Budget Substitute Bill Number BL2018-1184 for the 2018-2019 fiscal year.

#### BUDGETARY SCHEDULE OF REQUIREMENTS OF THE DEBT SERVICE FUNDS BY FUNCTION \*

#### DEBT SERVICE FUNDS - GENERAL SERVICES DISTRICT

	Pri	ncipal/Interest	Other		Total
SCHOOL DEBT SERVICE FUND					
Outstanding General Obligation Bonds	\$	90,445,800	\$	-	\$ 90,445,800
Reserve for New Debt		4,425,000		-	4,425,000
Redemption, Cremation and Management Fees		=		645,100	645,100
Treasury Internal Service Fees		=		77,900	77,900
Qualified Zone Academy Bonds, 2005		=		414,600	414,600
Quallified School Construction Bonds, 2009		=		1,637,800	1,637,800
Quallified School Construction Bonds, 2010		=		3,942,300	3,942,300
Commercial Paper (Bonds Anticipation Loans)		2,234,700		-	2,234,700
Total GSD School Purposes Debt Service Fund	\$	97,105,500	\$	6,717,700	\$ 103,823,200
GENERAL PURPOSES DEBT SERVICE FUND					
Outstanding General Obligation Bonds	\$	153,192,900	\$	-	\$ 153,192,900
Reserve for New Debt		7,230,000		-	7,230,000
Redemption, Cremation and Management Fees		=		1,036,800	1,036,800
Treasury Internal Service Fees		-		151,700	151,700
Commercial Paper (Bonds Anticipation Loans)		5,883,400		-	5,883,400
Swap Agreement		1,801,400		-	1,801,400
Total GSD General Purposes Debt Service Fund	\$	168,107,700	\$	1,188,500	\$ 169,296,200

<sup>\*</sup> Excerpts from the Metropolitan Council Budget Substitute Bill Number BL2018-1184 for the 2018-2019 fiscal year.

### BUDGETARY SCHEDULE OF REQUIREMENTS OF THE DEBT SERVICE FUNDS BY FUNCTION \*

#### DEBT SERVICE FUNDS - URBAN SERVICES DISTRICT

LIDRANI CERVICES DISTRICT DERT CERVICE FUND	Pri	ncipal/Interest	_	Other	 Total
URBAN SERVICES DISTRICT DEBT SERVICE FUND					
Outstanding General Obligation Bonds:	\$	23,805,100	\$	-	\$ 23,805,100
Outstanding G.O. USD Bonds		79,300		-	79,300
Redemption, Cremation and Management Fees		-		161,100	161,100
Treasury Internal Service Fees		-		26,000	26,000
Debt Service Paid Directly by DES		-		(4,562,700)	(4,562,700)
Commercial Paper (Bonds Anticipation Loans)		148,500		<u>-</u>	 148,500
Total USD General Purposes Debt Service Fund	\$	24,032,900	\$	(4,375,600)	\$ 19,657,300

<sup>\*</sup> Excerpts from the Metropolitan Council Budget Substitute Bill Number BL2018-1184 for the 2018-2019 fiscal year.

#### **BUDGETARY SCHEDULE OF APPROPRIATIONS\***

#### SCHOOL FUNDS - GENERAL SERVICES DISTRICT

For the Year July 1, 2018 Through June 30, 2019

GENERAL PURPOSE SCHOOL FUND: (1)

Total General Purpose School Fund

 General Purpose School Fund:
 \$ 875,767,700

 Operational
 \$ 875,767,700

 Property Tax Increment
 8,532,000

\$ 884,299,700

(1) From the funds appropriated to the Metropolitan Board of Public Education, there is appropriated the sum of \$4,285,000 for the purpose of funding the actuarial contribution to the Metro Teachers Pension Plan.

<sup>\*</sup> Excerpts from the Metropolitan Council Budget Substitute Bill Number BL2018-1184 for the 2018-2019 fiscal year.

### SUMMARY OF SALARIES AND SURETY BONDS OF PRINCIPAL OFFICIALS

June 30, 2018

NAME OF OFFICIAL TITLE		•	ANNUAL SALARY		AMOUNT OF SURETY BOND	
David Briley	Mayor	\$	180,000	\$	50,000	
Talia Lomax-O'dneal	Director of Finance	•	181,386	•	250,000	
Tom Eddlemon	Treasurer		127,790		2,000,000	
Michelle Lane	Purchasing Agent		123,830		-	(1)
Phil Carr	Chief Accountant		119,952		-	(1)
Shannon Hall	Human Resources Director		130,000		-	(1)
Richard R. Rooker	Circuit Court Clerk		146,413		100,000	
Richard R. Rooker	Probate Clerk		-		250,000	
William B. Garrett, Jr.	Register of Deeds		133,830		150,000	
Charles E. Cardwell	Trustee		133,830		14,000,000	
Brenda P. Wynn	County Clerk		133,830		500,000	
Howard C. Gentry, Jr.	Criminal Court Clerk		146,413		150,000	
J. Daron Hall	Sheriff		161,854		100,000	
Vivian M. Wilhoite	Assessor of Property		133,830		50,000	
Maria Salas	Clerk & Master		133,830		50,000	
David A. Smith	Juvenile Court Clerk		133,830		100,000	
Peggy Duncan Mathes	Public Administrator		-		100,000	
Michael M. Castellarin	Public Trustee		-		200,000	
Richard R. Rooker	Commissioner & Receiver		-		100,000	
Richard R. Rooker	Official Revenue		-		100,000	
Monica C. Fawknotson	Executive Director Sports Authority		104,976		50,000	
Chris Henson	MNPS Assistant Superintendent of		105.000		4 000 000	
	Business, Facility and Services		185,000		1,000,000	

<sup>(1)</sup> A \$250,000 blanket surety bond is in place for these officials rather than separate bonds.

# THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY STATISTICAL SECTION (UNAUDITED)

### **TABLE OF CONTENTS**

This section of the Comprehensive Annual Financial Report presents detailed information as a context for understanding what the information in the financial statements, note disclosures and required supplementary information says about the Government's overall financial health.

	Paç <u>Num</u>	
FINANCIAL TRENDS	Н-	2
These schedules contain trend information to help the reader understand how the Government's financial performance and well-being have changed over time.		
REVENUE CAPACITY	Н -	16
These schedules contain information to help the reader assess the Government's most significant local revenue source, the property tax.		
DEBT CAPACITY	Н -	24
These schedules present information to help the reader assess the affordability of the Government's current levels of outstanding debt and the Government's ability to issue additional debt in the future.		
DEMOGRAPHIC AND ECONOMIC INFORMATION	Н -	32
These schedules offer demographic and economic indicators to help the reader understand the environment within which the Government's financial activities take place.		
OPERATING INFORMATION	Н -	34
These schedules contain service and infrastructure data to help the reader understand how the information in the Government's financial report relates to the services the Government provides and the activities it performs.		

Sources: Unless otherwise noted, the information in these schedules is derived from the Comprehensive Annual Financial Reports for the relevant year.

### NET POSITION BY COMPONENT LAST TEN FISCAL YEARS

(accrual basis of accounting) (amounts expressed in thousands)

	2009	2009	 2010	 2011	 2012
Governmental activities					
Net investment in capital assets	\$	1,083,097	\$ 1,099,333	\$ 1,010,874	\$ 924,393
Restricted		22,917	31,994	42,860	31,771
Unrestricted		(97,423)	 (383,624)	 (564,405)	 (637,147)
Total governmental activities net position		1,008,591	 747,703	 489,329	 319,017
Business-type activities					
Net investment in capital assets		1,196,149	1,217,101	1,220,912	1,259,241
Restricted		22,587	21,481	46,256	49,700
Unrestricted		14,840	 26,925	 38,908	 32,057
Total business-type activities net position		1,233,576	 1,265,507	 1,306,076	 1,340,998
Primary government					
Net investment in capital assets		2,279,246	2,316,434	2,231,786	2,183,634
Restricted		45,504	53,475	89,116	81,471
Unrestricted		(82,583)	 (356,699)	 (525,497)	 (605,090)
Total primary government net position	\$	2,242,167	\$ 2,013,210	\$ 1,795,405	\$ 1,660,015

<sup>(1)</sup> In 2015, the Government implemented GASB Statement No. 68 which revised the reporting for its liability related to pensions. Amounts for prior years have not been restated.

<sup>(2)</sup> In 2018, the Government implemented GASB Statement No. 75 which revised the reporting for its liability related to other postemployment benefits. Amounts for prior years have not been restated.

### NET POSITION BY COMPONENT LAST TEN FISCAL YEARS (CONTINUED)

(accrual basis of accounting)
(amounts expressed in thousands)

 2013	 2014	 2015 (1)	 2016	 2017	 2018 (2)
\$ 857,598 35,802 (683,464)	\$ 955,256 39,551 (907,694)	\$ 905,271 41,647 (1,269,590)	\$ 817,836 43,203 (1,333,519)	\$ 758,016 56,345 (1,528,114)	\$ 706,897 57,970 (3,956,494)
209,936	87,113	(322,672)	(472,480)	(713,753)	(3,191,627)
1,236,765 56,720 27,268	1,232,187 64,253 37,930	1,236,872 55,270 41,747	1,227,147 66,837 36,937	1,191,252 87,141 27,516	1,172,712 100,070 47,575
1,320,753	1,334,370	1,333,889	1,330,921	1,305,909	1,320,357
 2,094,363 92,522 (656,196)	 2,187,443 103,804 (869,764)	 2,142,143 96,917 (1,227,843)	 2,044,983 110,040 (1,296,582)	 1,949,268 143,486 (1,500,598)	 1,879,609 158,040 (3,908,919)
\$ 1,530,689	\$ 1,421,483	\$ 1,011,217	\$ 858,441	\$ 592,156	\$ (1,871,270)

### CHANGES IN NET POSITION LAST TEN FISCAL YEARS

(accrual basis of accounting)
(amounts expressed in thousands)

	2009	2010	2011	2012
Expenses				
Governmental activities				
General government	\$ 83,668	\$ 85,444	\$ 122,913	\$ 117,669
Fiscal administration	34,264	35,358	33,613	31,802
Administration of justice	85,723	89,601	87,374	89,564
Law enforcement and care of prisoners	304,917	321,175	322,782	335,162
Fire prevention and control	143,912	150,117	149,619	158,763
Regulation and inspection	9,910	10,170	10,248	11,717
Conservation of natural resources	491	471	445	439
Public welfare	51,362	60,159	59,386	56,504
Public health and hospitals	131,677	170,662	132,993	114,145
Public library system	29,754	28,742	30,033	30,676
Public works, highways and streets	125,490	130,469	144,012	152,201
Recreational and cultural	76,290	68,667	59,421	61,259
Education	808,285	839,760	869,449	867,599
Interest and other debt related costs	85,651	80,460	102,859	86,223
Total governmental activities	 1,971,394	 2,071,255	 2,125,147	 2,113,723
Business-type activities				
Department of Water and Sewerage Services	177,291	173,215	189,521	185,385
District Energy System	20,206	17,853	17,837	18,102
Nashville Convention Center	7,572	7,134	7,539	7,147
Board of Fair Commissioners	4,428	4,195	2,814	2,945
Farmers Market	1,215	1,080	1,193	1,265
Police Secondary Employment	881	1,545	855	832
Surplus Property Auction	806	735	734	713
Municipal Auditorium	1,738	1,654	1,801	1,808
Police Impound	1,882	1,687	1,320	967
School Community Education	1,050	192	-	-
Stormwater Operations	-	10,598	10,669	10,426
Community Education Commission	-	358	302	297
Total business-type activities	 217,069	 220,246	 234,585	 229,887
Total primary government	\$ 2,188,463	\$ 2,291,501	\$ 2,359,732	\$ 2,343,610
Program Revenues				
Governmental activities				
Charges for services:				
General government	\$ 7,292	\$ 6,550	\$ 6,908	\$ 9,134
Fiscal administration	4,591	4,176	5,286	5,181
Administration of justice	34,567	34,344	33,745	32,772
Law enforcement and care of prisoners	31,053	31,282	30,637	33,172
Fire prevention and control	14,358	10,939	16,395	12,759
Regulation and inspection	7,060	7,552	8,858	10,846
Public welfare	1,313	1,367	1,352	1,208
Public health and hospitals	12,788	8,943	9,902	8,796
Public library system	579	494	484	474
Public works, highways and streets	9,295	9,343	11,191	12,594
Recreational and cultural	9,111	8,618	9,068	9,755
Education	16,216	18,225	17,838	18,485
Operating grants and contributions (1)	351,066	390,732	432,938	436,073
Capital grants and contributions (1)	56,163	41,648	38,595	58,447
Total governmental activities	 555,452	574,213	623,197	649,696

<sup>(1)</sup> Operating and capital grants and contributions primarily represent amounts received from other governments to fund specific programs and projects and the value of roads and other infrastructure donated to the Government. The amounts vary based on the availability and timing of Federal and State funding and the timing and amount of road and infrastructure development within the metropolitan area.

<sup>(2)</sup> In 2015, the Government implemented GASB Statement No. 68 which revised the reporting for its liability related to pensions. Amounts for prior years have not been restated.

### CHANGES IN NET POSITION LAST TEN FISCAL YEARS (CONTINUED)

(accrual basis of accounting)
(amounts expressed in thousands)

	2013		2014		2015 (2)		2016		2017		2018 (3)
\$	118,107	\$	134,592	\$	188,330	\$	196,012	\$	206,436	\$	229,632
	32,675		31,357		33,277		31,729		33,551		34,478
	92,752		93,224		92,902		96,091		103,652		110,415
	371,438		359,502		353,933		378,291		392,032		389,728
	170,843		149,551		152,045		162,323		169,409		172,064
	10,751		11,231		11,216		10,931		12,103		12,600
	542		519		480		559		544		495
	57,172		56,449		54,279		56,186		67,609		72,270
	119,695		119,828		106,365		117,686		127,806		127,667
	33,034		35,739		41,390		45,268		46,440		45,086
	169,521		180,008		191,499		202,419		217,791		221,096
	68,515		76,759		70,841		77,342		81,081		96,612
	903,998		924,418		907,504		978,229		1,070,022		1,121,121
	77,525		96,842		93,210		95,228		103,969		110,836
	2,226,568		2,270,019		2,297,271		2,448,294		2,632,445		2,744,100
	205,278		208,945		213,926		232,501		231,793		227,588
	17,573		18,774		18,761		17,940		18,063		18,475
	7,427		3,591		3,543		2,126		24,774		-
	3,074		3,140		3,661		3,654		3,737		3,673
	1,788		1,605		1,849		1,931		2,113		2,115
	1,131		190		-		-		-		-
	735		790		650		703		745		648
	1,787		2,001		2,041		1,995		2,035		2,074
	376		375		375		375		375		375
	- 10,717		11,073		10,506		10,945		12,661		15,625
	352		324		357		391		-		-
	250,238		250,808		255,669		272,561		296,296		270,573
\$	2,476,806	\$	2,520,827	\$	2,552,940	\$	2,720,855	\$	2,928,741	\$	3,014,673
¢	0.220	<b>c</b>	40.005	¢.	7.704	¢.	0.000	œ.	0.507	œ.	40.704
\$	8,329	\$	10,805	\$	7,764	\$	8,989	\$	9,597	\$	18,781
	6,768		6,237		6,356		7,570		9,527		9,807
	33,232		32,929		31,052		29,143		27,325		26,780
	32,210		30,281		30,667		30,247		32,451		28,207
	13,431		15,502		11,449		9,286		11,100		10,829
	12,368		14,252		18,576		25,407		24,607		23,742
	1,098		1,162		1,007		915		803		905
	9,159		9,847		11,173		12,495		11,874		12,447
	450		438		409		397		404		223
	12,066		12,573		14,272		15,922		19,971		19,637
	10,130		10,702		11,332		13,974		14,312		14,495
	19,502		18,740		16,936		19,259		18,990		18,026
	435,077		438,515		454,881		467,388		483,020		525,054
	55,267		58,286		37,301		30,970		30,891		30,162
	649,087		660,269		653,175		671,962		694,872		739,095

<sup>(3)</sup> In 2018, the Government implemented GASB Statement No. 75 which revised the reporting for its liability related to other postemployment benefits. Amounts for prior years have not been restated.

### CHANGES IN NET POSITION LAST TEN FISCAL YEARS (CONTINUED)

(accrual basis of accounting) (amounts expressed in thousands)

		2009	2010		2011			2012
Program Revenues (Continued)								
Business-type activities								
Charges for services:								
Department of Water and Sewerage Services	\$	169,672	\$	171,520	\$	195,790	\$	201,060
District Energy System		17,812		15,562		15,486		15,962
Nashville Convention Center		5,675		5,366		5,404		5,490
Board of Fair Commissioners		3,438		3,393		2,109		2,658
Farmers Market		899		983		745		961
Police Secondary Employment		1,094		2,437		1,103		935
Surplus Property Auction		958		1,094		1,081		1,298
Municipal Auditorium		1,107		1,364		1,370		1,607
Police Impound		2,182		1,583		1,271		1,584
School Community Education		141		31		-		-
Stormwater Operations		-		13,635		14,198		13,883
Community Education Commission		-		22		18		36
Capital grants and contributions		27,463		41,302		39,467		25,307
Total business-type activities		230,441		258,292		278,042		270,781
Total primary government	\$	785,893	\$	832,505	\$	901,239	\$	920,477
Net (Expense) Revenue								
Governmental activities	\$	(1,415,942)	\$	(1,497,042)	\$	(1,501,950)	\$	(1,464,027)
Business-type activities		13,372		38,046		43,457		40,894
Total primary government	\$	(1,402,570)	\$	(1,458,996)	\$	(1,458,493)	\$	(1,423,133)
General Revenues and Other Changes in								
Net Position								
Governmental activities								
Property taxes	\$	773,659	\$	793,293	\$	782,192	\$	787,882
Local option sales taxes		264,573		256,178		258,107		281,294
Other taxes		135,213		126,878		137,141		150,856
Revenue from the use of money or property		6,109		1,445		1,095		1,121
Revenue from other governmental agencies		65,026		58,160		61,262		62,929
Compensation for loss, sale or								
damage to property		1,022		1,747		3,290		3,385
Transfers		538		(323)		3,400		6,248
Special and extraordinary items (4)		<u>-</u>		(1,224)		(2,911)		<u>-</u>
Total governmental activities		1,246,140		1,236,154		1,243,576		1,293,715
Business-type activities								
Revenue from the use of money or property		2,790		391		230		119
Compensation for loss, sale or								
damage to property		92		171		282		157
Transfers		(538)		323		(3,400)		(6,248)
Special and extraordinary items (4)		-		(7,000)				-
Total business-type activities		2,344		(6,115)	_	(2,888)	_	(5,972)
Total primary government	\$	1,248,484	\$	1,230,039	\$	1,240,688	\$	1,287,743
Ohan waite Net Basitian								
Change in Net Position	•	(400,000)	•	(000,000)	•	(050.074)	•	(470.040)
Governmental activities	\$	(169,802)	\$	(260,888)	\$	(258,374)	\$	(170,312)
Business-type activities	<u> </u>	15,716	Ġ	31,931	<u> </u>	40,569	ď	34,922
Total primary government	\$	(154,086)	\$	(228,957)	\$	(217,805)	\$	(135,390)

<sup>(4)</sup> Special and extraordinary items consist of: In 2010, the Government experienced significant losses related to flooding in May 2010. In 2011, the Government incurred additional flood related expenses in excess of recoveries.

### CHANGES IN NET POSITION LAST TEN FISCAL YEARS (CONTINUED)

(accrual basis of accounting)
(amounts expressed in thousands)

	2013		2014		2015 (2)		2016		2017		2018 (3)
\$	208,830	\$	211,372	\$	214,751	\$	217,784	\$	218,816	\$	224,283
	16,713		18,526		18,542		17,597		17,408		17,111
	5,746		2,124		1,768		45		-		- 0.044
	2,786		3,021		3,367		3,283		3,318		3,011
	1,292 1,285		1,125 -		1,038		961 -		974		1,095
	795		- 589		- 712		1,231		1,253		2,088
	1,188		1,558		1,427		1,507		1,788		1,897
	492		479		475		475		491		502
	-								-		302
	14,199		14,613		14,295		14,461		15,231		32,330
	45		58		59		80		38		-
	11,890		16,478		20,655		22,770		27,848		18,753
	265,261	_	269,943		277,089		280,194		287,165		301,070
\$	914,348	\$	930,212	\$	930,264	\$	952,156	\$	982,037	\$	1,040,165
\$	(1,577,481)	\$	(1,609,750)	\$	(1,644,096)	\$	(1,776,332)	\$	(1,937,573)	\$	(2,005,005)
	15,023	_	19,135	_	21,420	_	7,633		(9,131)	_	30,497
\$	(1,562,458)	\$	(1,590,615)	\$	(1,622,676)	\$	(1,768,699)	\$	(1,946,704)	\$	(1,974,508)
\$	895,919 301,430 160,802 1,195	\$	911,661 315,479 174,556 3,244	\$	927,860 340,077 193,729 1,044	\$	944,353 365,704 206,146 3,886	\$	971,643 382,934 223,138 3,350	\$	995,535 414,156 242,978 5,865
	66,572		66,010		77,625		83,484		91,696		96,374
	7,043		4,296		11,677		9,963		6,386		1,874
	35,439 -		11,681 -		11,154 -		12,988 -		17,153 -		18,902
	1,468,400		1,486,927		1,563,166		1,626,524		1,696,300		1,775,684
	111		1,655		1,088		1,334		1,224		2,819
	60		196		2		1,053		48		34
	(35,439)		(11,681)		(11,154)		(12,988)		(17,153)		(18,902)
	(35,268)		(9,830)		(10,064)		(10,601)		(15,881)		(16,049)
\$	1,433,132	\$	1,477,097	\$	1,553,102	\$	1,615,923	\$	1,680,419	\$	1,759,635
\$	(109,081)	\$	(122,823)	\$	(80,930)	\$	(149,808)	\$	(241,273)	\$	(229,321)
Ψ	(20,245)	Ψ	9,305	Ψ	11,356	Ψ	(2,968)	Ψ	(25,012)	Ψ	14,448
\$	(129,326)	\$	(113,518)	\$	(69,574)	\$	(152,776)	\$	(266,285)	\$	(214,873)
Ψ	(120,020)	Ψ	(110,010)	Ψ	(55,514)	Ψ	(102,110)	Ψ	(200,200)	Ψ	(211,070)

### FUND BALANCES OF GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS

(modified accrual basis of accounting)

	2009		2010		2011		2012		2013
General fund									
Nonspendable	\$ 32,222,128	\$	299,659	\$	473,335	\$	367,535	\$	453,627
Assigned	-		1,370,583		13,878,075		539,600		16,030,900
Unassigned	47,504,389		59,228,607		53,134,734		69,836,867		84,053,738
Total general fund	79,726,517		60,898,849		67,486,144		70,744,002		100,538,265
All other governmental funds									
Nonspendable	1,854,877		2,060,858		2,119,993		2,891,941		2,723,873
Restricted	64,715,883		195,074,104		47,011,877		36,939,852		160,884,699
Committed	106,177,301		106,798,899		121,277,278		145,387,960		145,231,736
Assigned	35,996,400		1,500,000		11,161,900		-		29,966,900
Unassigned (1)	(182,094,246)		(28,066,901)		(39,332,027)	_	(174,680,021)	_	(15,710,564)
Total all other governmental funds	26,650,215		277,366,960		142,239,021		10,539,732		323,096,644
Total governmental funds	\$ 106,376,732	\$	338,265,809	\$	209,725,165	\$	81,283,734	\$	423,634,909

<sup>(1)</sup> The deficit balances are due to capital projects funds that are temporarily funded with short-term commercial paper borrowings. The balances vary due to the timing of capital expenditures and the issuance of bonds.

### FUND BALANCES OF GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS (CONTINUED)

(modified accrual basis of accounting)

2014	2015	2016	2017	2018
\$ 525,930	\$ 546,062	\$ 467,008	\$ 986,266	\$ 842,106
34,840,900	54,311,800	59,542,600	50,533,800	16,939,600
81,650,073	83,195,736	84,493,158	55,176,460	58,879,621
117,016,903	138,053,598	144,502,766	106,696,526	76,661,327
3,122,352	4,079,964	3,276,149	3,332,511	3,040,245
39,365,865	41,461,337	43,018,673	56,160,164	57,785,371
125,883,422	126,421,581	137,020,957	137,058,350	134,273,729
40,441,000	25,800,000	21,000,000	25,440,300	550,000
(189,169,860)	(501,399,310)	(342,346,761)	(192,217,171)	(653,295,939)
19,642,779	(303,636,428)	(138,030,982)	29,774,154	(457,646,594)
\$ 136,659,682	\$ (165,582,830)	\$ 6,471,784	\$ 136,470,680	\$ (380,985,267)

## THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY FUND BALANCES OF BUDGETED GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS

(modified accrual basis of accounting)
Unaudited - See Accompanying Accountants' Report

		2009	2010	2011		2012		2013
General fund								
GSD								
Nonspendable	\$	32,222,128	\$ 299,659	\$ 473,335	\$	367,535	\$	453,627
Assigned		-	1,370,583	442,575		539,600		10,768,700
Unassigned		25,320,424	34,962,597	44,578,057		61,358,778		74,758,944
Total GSD		57,542,552	36,632,839	45,493,967		62,265,913		85,981,271
1100								
USD				40 405 500				5 000 000
Assigned		-	-	13,435,500		-		5,262,200
Unassigned		22,183,965	 24,266,010	 8,556,677		8,478,089		9,294,794
Total USD		22,183,965	 24,266,010	 21,992,177		8,478,089	_	14,556,994
Total general fund		79,726,517	 60,898,849	 67,486,144		70,744,002		100,538,265
General purpose school fund								
Nonspendable		738,993	937,417	883,700		1,291,555		1,504,241
Committed		27,356,958	27,102,179	34,449,193		54,933,590		64,049,858
Assigned		12,431,400	-	-		-		12,000,000
7.05igned		12,401,400	 	 			_	12,000,000
Total general purpose school fur	nd	40,527,351	 28,039,596	 35,332,893		56,225,145		77,554,099
GSD general purposes								
debt service fund								
Nonspendable		-	_	-		-		-
Committed		1,107,591	8,406,361	8,626,889		8,469,047		13,255,408
Assigned		-	-	-		-		5,966,900
3 11				 				
Total GSD general purposes								
debt service fund		1,107,591	 8,406,361	 8,626,889		8,469,047		19,222,308
GSD school purposes								
debt service fund								
Nonspendable						475,583		
Committed		14,991,134	14,559,256	12,006,081		12,898,334		1,479,123
			14,559,256	, ,		12,090,334		8,000,000
Assigned	_	23,565,000	 	 11,161,900	_		_	8,000,000
Total GSD school purposes								
debt service fund		38,556,134	14,559,256	 23,167,981		13,373,917		9,479,123
LICD general numbers								
USD general purposes								
debt service fund								
Nonspendable		-	-	-		7.005.054		-
Committed		4,298,707	2,984,488	6,159,913		7,325,354		4,628,697
Assigned			 	 				4,000,000
Total USD general purposes								
debt service fund		4,298,707	2,984,488	6,159,913		7,325,354		8,628,697
222.222		-,,	 _,,	 -,,		-,-==,1	_	
Total budgeted								
governmental funds	\$	164,216,300	\$ 114,888,550	\$ 140,773,820	\$	156,137,465	\$	215,422,492

Note: The schedule above reflects fund balances for those governmental funds for which legally required budgets are prepared and approved. The general purpose school fund is reported as a special revenue fund. The three debt service funds are reported as debt service funds. All of these funds are considered major funds of the Government.

### THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY FUND BALANCES OF BUDGETED GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS (CONTINUED)

(modified accrual basis of accounting)

2014	2015	2016	2017	2018
\$ 525,930 29,036,600 70,094,923 99,657,453	\$ 546,062 45,541,100 74,818,956 120,906,118	\$ 467,008 51,067,800 80,265,059 131,799,867	\$ 986,266 50,533,800 48,913,495 100,433,561	\$ 842,106 15,389,900 52,291,879 68,523,885
5,804,300 11,555,150 17,359,450	8,770,700 8,376,780 17,147,480	8,474,800 4,228,099 12,702,899	6,262,965 6,262,965	1,549,700 6,587,742 8,137,442
117,016,903	138,053,598	144,502,766	106,696,526	76,661,327
1,569,880 43,152,443 38,005,000	2,790,092 53,325,440 16,000,000	1,863,688 56,233,446 16,000,000	1,534,233 42,633,597 19,059,900	1,680,304 33,200,541
82,727,323	72,115,532	74,097,134	63,227,730	34,880,845
9,450,642 	11,504,096 5,000,000	43,369 5,946,531 5,000,000	8,537,916 900,000	5,663,153 
9,450,642	16,504,096	10,989,900	9,437,916	5,663,153
- 6,392,039 -	5,143,998 3,300,000	5,454 7,133,994 	138,166 5,212,267 1,400,000	28,515 4,085,521 550,000
6,392,039	8,443,998	7,139,448	6,750,433	4,664,036
3,275,429 2,436,000	1,642,363 1,500,000	1,177 4,152,908 -	- 406,031 4,080,400	- 524,152 -
5,711,429	3,142,363	4,154,085	4,486,431	524,152
\$ 221,298,336	\$ 238,259,587	\$ 240,883,333	\$ 190,599,036	\$ 122,393,513

### CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS

(modified accrual basis of accounting)

Unaudited - See Accompanying Accountants' Report

	2009	2010		2011		2012
Revenues						
Property taxes	\$ 775,403,870	\$	792,882,229	\$ 782,238,201	\$	790,774,878
Local option sales tax	264,572,950		256,178,237	258,106,909		281,294,520
Other taxes, licenses and permits	143,696,309		136,182,711	147,382,286		162,804,251
Fines, forfeits and penalties	17,962,587		18,915,362	18,574,592		16,253,081
Revenues from the use of money or property	3,785,674		494,777	321,354		362,910
Revenues from other governmental agencies	453,448,063		488,535,713	559,516,608		576,547,108
Commissions and fees	25,049,552		22,002,060	23,460,446		24,002,476
Charges for current services	51,137,029		50,686,861	56,593,344		56,309,437
Compensation for loss, sale or damage to property	2,144,252		1,712,551	2,016,432		4,109,532
Contributions and gifts	10,645,368		5,469,908	3,783,798		14,418,670
Bond interest tax credit	=		=	5,327,305		5,895,527
Miscellaneous	4,603,664		2,706,377	 2,718,741		2,269,697
Total revenues	1,752,449,318		1,775,766,786	 1,860,040,016		1,935,042,087
Expenditures						
Current:						
General government (1)	60,035,388		88,954,555	121,146,642		95,085,871
Fiscal administration	24,112,437		22,499,859	23,760,394		21,912,507
Administration of justice	56,871,162		54,590,759	55,407,798		53,575,166
Law enforcement and care of prisoners	239,436,458		239,014,459	249,724,844		255,276,886
Fire prevention and control	107,034,837		104,214,957	109,108,267		108,609,078
Regulation and inspection	8,095,128		7,492,864	7,867,410		7,760,963
Conservation of natural resources	407,442		352,001	340,296		333,713
Public welfare	37,924,764		42,946,288	41,385,895		39,169,144
Public health and hospitals (2)	101,575,884		114,094,878	86,019,317		85,975,912
Public library system	20,564,850		19,016,993	20,542,242		21,178,142
Public works, highways and streets	63,204,089		51,039,081	58,151,723		51,792,795
Recreational and cultural	37,312,292		33,235,850	33,630,118		34,454,492
Education	720,909,041		740,550,178	777,009,413		797,821,937
Employee benefits	62,420,127		64,637,576	69,327,218		72,920,868
Miscellaneous	40,260,803		55,652,301	71,067,149		75,985,530

Note: Certain amounts have been reclassified for comparability. Unless otherwise noted, significant variances in expenditures primarily relate to salaries and associated costs. Significant variances in revenues primarily relate to increases in property tax and sales tax rates.

<sup>(1)</sup> Increases in general government expenditures in fiscal years 2010 and 2011 are due primarily to costs related to flooding in May 2010.

<sup>(2)</sup> In fiscal year 2010, there was a one time appropriation to the Hospital Authority of \$32 million to forgive debt owed to the Government.

### CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS (CONTINUED)

(modified accrual basis of accounting)

2013		2014		2015		2016	2017			2018
892 398 894	\$	914 121 619	\$	928 796 242	\$	944 010 324	\$	972 303 558	\$	998,584,196
	Ψ	• •	Ψ		Ψ		Ψ		Ψ	414,155,992
								, ,		271,455,280
18,652,738		18,225,785		17,727,633		17,055,354		14,661,562		13,656,857
489,242		1,895,305		1,720,061		2,334,936		1,834,351		3,387,084
559,780,403		556,743,508		575,416,455		585,321,632		621,112,678		642,241,942
24,211,549		24,120,359		23,102,323		24,025,983		26,248,505		26,776,105
58,600,398		59,783,530		58,921,658		65,642,511		69,693,874		70,529,679
5,231,290		5,265,788		12,107,134		13,157,818		9,802,146		4,238,496
8,948,728		10,160,516		7,583,631		12,631,751		8,283,416		9,576,623
4,900,351		4,837,386		4,839,480		4,864,020		4,859,357		4,874,645
2,081,927		2,200,931		2,390,797		2,741,647		3,487,567		3,231,709
2,051,428,405		2,103,204,056		2,185,605,837		2,271,379,104		2,367,835,652		2,462,708,608
81,829,427		88,894,101		121,382,425		128,220,069		132,839,297		144,414,659
22,316,247		21,746,114		20,710,891		21,734,682		23,768,516		25,146,706
68,479,472		70,290,863		69,233,942		71,353,866		71,423,262		75,022,842
259,384,359		263,774,603		272,907,074		283,870,494		297,122,296		307,666,284
113,452,154		111,520,124		114,494,845		116,955,164		124,437,211		131,851,434
8,057,406		7,782,724		7,629,325		8,189,234		9,217,944		10,220,547
398,931		357,658		348,293		373,209		411,714		407,900
40,056,346		38,361,990		38,429,963		38,949,970		39,754,229		43,023,369
89,757,405		86,084,524		74,416,321		85,562,915		93,429,462		93,606,500
22,328,538		22,349,552		25,044,101		28,384,505		30,644,306		31,647,990
58,251,129		61,817,477		62,968,348		63,853,645		68,220,307		71,990,811
36,110,497		36,336,635		38,335,515		40,044,257		43,548,448		44,444,945
832,361,152		856,362,684		871,208,119		918,531,408		965,421,660		1,033,114,424
76,165,493		79,043,492		80,114,975		81,576,678		84,585,219		87,579,887
80,080,144		87,709,934		87,245,357		89,278,073		109,046,528		116,376,212
	892,398,894 301,430,612 174,702,273 18,652,738 489,242 559,780,403 24,211,549 58,600,398 5,231,290 8,948,728 4,900,351 2,081,927  2,051,428,405  81,829,427 22,316,247 68,479,472 259,384,359 113,452,154 8,057,406 398,931 40,056,346 89,757,405 22,328,538 58,251,129 36,110,497 832,361,152 76,165,493	892,398,894 301,430,612 174,702,273 18,652,738 489,242 559,780,403 24,211,549 58,600,398 5,231,290 8,948,728 4,900,351 2,081,927  2,051,428,405  81,829,427 22,316,247 68,479,472 259,384,359 113,452,154 8,057,406 398,931 40,056,346 89,757,405 22,328,538 58,251,129 36,110,497 832,361,152 76,165,493	892,398,894         \$ 914,121,619           301,430,612         315,478,742           174,702,273         190,370,587           18,652,738         18,225,785           489,242         1,895,305           559,780,403         556,743,508           24,211,549         24,120,359           58,600,398         59,783,530           5,231,290         5,265,788           8,948,728         10,160,516           4,900,351         4,837,386           2,081,927         2,200,931           2,051,428,405         2,103,204,056           81,829,427         88,894,101           22,316,247         21,746,114           68,479,472         70,290,863           259,384,359         263,774,603           113,452,154         111,520,124           8,057,406         7,782,724           398,931         357,658           40,056,346         38,361,990           89,757,405         86,084,524           22,328,538         22,349,552           58,251,129         61,817,477           36,110,497         36,336,635           832,361,152         856,362,684           76,165,493         79,043,492	892,398,894 \$ 914,121,619 \$ 301,430,612 315,478,742 174,702,273 190,370,587 18,652,738 18,225,785 489,242 1,895,305 559,780,403 556,743,508 24,211,549 24,120,359 58,600,398 59,783,530 5,231,290 5,265,788 8,948,728 10,160,516 4,900,351 4,837,386 2,081,927 2,200,931 2,051,428,405 2,103,204,056 81,829,427 88,894,101 22,316,247 21,746,114 68,479,472 70,290,863 259,384,359 263,774,603 113,452,154 111,520,124 8,057,406 7,782,724 398,931 357,658 40,056,346 38,361,990 89,757,405 86,084,524 22,328,538 22,349,552 58,251,129 61,817,477 36,110,497 36,336,635 832,361,152 856,362,684 76,165,493 79,043,492	892,398,894         \$ 914,121,619         \$ 928,796,242           301,430,612         315,478,742         340,076,515           174,702,273         190,370,587         212,923,908           18,652,738         18,225,785         17,727,633           489,242         1,895,305         1,720,061           559,780,403         556,743,508         575,416,455           24,211,549         24,120,359         23,102,323           58,600,398         59,783,530         58,921,658           5,231,290         5,265,788         12,107,134           8,948,728         10,160,516         7,583,631           4,900,351         4,837,386         4,839,480           2,081,927         2,200,931         2,390,797           2,051,428,405         2,103,204,056         2,185,605,837           81,829,427         88,894,101         121,382,425           22,316,247         21,746,114         20,710,891           68,479,472         70,290,863         69,233,942           259,384,359         263,774,603         272,907,074           113,452,154         111,520,124         114,494,845           8,057,406         7,782,724         7,629,325           398,931         357,658         34	892,398,894         \$ 914,121,619         \$ 928,796,242         \$ 301,430,612         315,478,742         340,076,515         174,702,273         190,370,587         212,923,908         18,652,738         18,225,785         17,727,633         489,242         1,895,305         1,720,061         559,780,403         556,743,508         575,416,455         24,211,549         24,120,359         23,102,323         58,600,398         59,783,530         58,921,658         5,231,290         5,265,788         12,107,134         8,948,728         10,160,516         7,583,631         4,900,351         4,837,386         4,839,480         2,081,927         2,200,931         2,390,797           2,051,428,405         2,103,204,056         2,185,605,837         2,136,247         21,746,114         20,710,891         68,479,472         70,290,863         69,233,942         259,384,359         263,774,603         272,907,074         113,452,154         111,520,124         114,494,845         8,057,406         7,782,724         7,629,325         398,931         357,658         348,293         40,056,346         38,361,990         38,429,963         89,757,405         86,084,524         74,416,321         22,328,538         22,349,552         25,044,101         58,251,129         61,817,477         62,968,348         36,110,497         36,336,635         38,335,515<	892,398,894         \$ 914,121,619         \$ 928,796,242         \$ 944,010,324           301,430,612         315,478,742         340,076,515         365,703,934           174,702,273         190,370,587         212,923,908         233,889,194           18,652,738         18,225,785         17,727,633         17,055,354           489,242         1,895,305         1,720,061         2,334,936           559,780,403         556,743,508         575,416,455         585,321,632           24,211,549         24,120,359         23,102,323         24,025,983           58,600,398         59,783,530         58,921,658         65,642,511           5,231,290         5,265,788         12,107,134         13,157,818           8,948,728         10,160,516         7,583,631         12,631,751           4,900,351         4,837,386         4,839,480         4,864,020           2,081,927         2,200,931         2,390,797         2,741,647           2,051,428,405         2,103,204,056         2,185,605,837         2,271,379,104           81,829,427         88,894,101         121,382,425         128,220,069           22,316,247         21,746,114         20,710,891         21,734,682           68,479,472         70,290,863 </td <td>892,398,894         \$ 914,121,619         \$ 928,796,242         \$ 944,010,324         \$ 301,430,612         315,478,742         340,076,515         365,703,934           174,702,273         190,370,587         212,923,908         233,889,194           18,652,738         18,225,785         17,727,633         17,055,354           489,242         1,895,305         1,720,061         2,334,936           559,780,403         556,743,508         575,416,455         585,321,632           24,211,549         24,120,359         23,102,323         24,025,983           58,600,398         59,783,530         58,921,658         65,642,511           5,231,290         5,265,788         12,107,134         13,157,818           8,948,728         10,160,516         7,583,631         12,631,751           4,900,351         4,837,386         4,839,480         4,864,020           2,081,927         2,200,931         2,390,797         2,741,647           22,316,247         21,746,114         20,710,891         21,734,682           259,384,359         263,774,603         272,907,074         283,870,494           113,452,154         111,520,124         114,494,845         116,955,164           8,057,406         7,782,724         7,629,325</td> <th>892,398,894         \$ 914,121,619         \$ 928,796,242         \$ 944,010,324         \$ 972,303,558           301,430,612         315,478,742         340,076,515         365,703,934         382,934,148           174,702,273         190,370,587         212,923,908         233,889,194         252,614,490           18,652,738         18,225,765         17,727,633         17,055,354         14,661,562           489,242         1,895,305         1,720,061         2,334,936         1,834,351           559,780,403         556,743,508         575,416,455         585,321,632         621,112,678           24,211,549         24,120,359         23,102,323         24,025,983         26,248,505           58,600,398         59,783,530         58,921,658         65,642,511         69,693,874           4,944,729         5,265,788         12,107,134         13,157,818         9,802,146           8,948,728         10,160,516         7,583,631         12,631,751         8,283,416           4,900,351         4,837,386         4,839,480         4,864,020         4,859,357           2,051,428,405         2,103,204,056         2,185,605,837         2,271,379,104         2,367,835,652           81,829,427         88,894,101         121,382,425         128,2</th> <td>892,398,894 \$ 914,121,619 \$ 928,796,242 \$ 944,010,324 \$ 972,303,558 \$ 301,430,612 315,478,742 340,076,515 365,703,934 382,934,148 174,702,273 190,370,587 212,923,908 233,889,194 252,614,490 18,652,738 18,225,785 17,727,633 17,055,354 14,661,562 489,242 1,895,305 1,720,061 2,334,936 1,834,351 559,780,403 556,743,508 575,416,455 585,321,632 621,112,678 24,211,549 24,120,359 23,102,323 24,025,983 26,248,505 58,600,398 59,783,530 58,921,658 66,642,511 69,693,874 5,231,290 5,265,788 12,107,134 13,157,818 9,802,146 8,948,728 10,160,516 7,583,631 12,631,751 8,283,416 4,900,351 4,837,386 4,839,480 4,864,020 4,859,357 2,081,927 2,200,931 2,390,797 2,741,647 3,487,567 2,051,428,405 2,103,204,056 2,185,605,837 2,271,379,104 2,367,835,652 2,134,247 21,746,114 20,710,891 21,734,682 23,768,516 68,479,472 70,290,863 69,233,942 71,353,866 71,423,262 259,384,359 263,774,603 272,907,074 283,870,494 297,122,296 113,452,154 111,520,124 114,494,845 116,955,164 124,437,211 8,057,406 7,782,724 7,629,325 8,189,234 9,217,944 398,931 357,658 348,293 373,209 411,714 4,0,056,346 38,361,990 38,429,63 38,949,970 39,754,229 89,757,405 86,084,524 74,416,321 85,562,915 93,429,462 22,328,538 22,349,552 25,044,101 28,384,505 30,644,306 58,251,129 61,817,477 62,968,348 63,855,645 68,220,307 36,110,497 36,336,635 38,335,515 40,044,257 43,548,448 832,361,152 856,362,684 871,208,119,75 81,576,678 84,585,219</td>	892,398,894         \$ 914,121,619         \$ 928,796,242         \$ 944,010,324         \$ 301,430,612         315,478,742         340,076,515         365,703,934           174,702,273         190,370,587         212,923,908         233,889,194           18,652,738         18,225,785         17,727,633         17,055,354           489,242         1,895,305         1,720,061         2,334,936           559,780,403         556,743,508         575,416,455         585,321,632           24,211,549         24,120,359         23,102,323         24,025,983           58,600,398         59,783,530         58,921,658         65,642,511           5,231,290         5,265,788         12,107,134         13,157,818           8,948,728         10,160,516         7,583,631         12,631,751           4,900,351         4,837,386         4,839,480         4,864,020           2,081,927         2,200,931         2,390,797         2,741,647           22,316,247         21,746,114         20,710,891         21,734,682           259,384,359         263,774,603         272,907,074         283,870,494           113,452,154         111,520,124         114,494,845         116,955,164           8,057,406         7,782,724         7,629,325	892,398,894         \$ 914,121,619         \$ 928,796,242         \$ 944,010,324         \$ 972,303,558           301,430,612         315,478,742         340,076,515         365,703,934         382,934,148           174,702,273         190,370,587         212,923,908         233,889,194         252,614,490           18,652,738         18,225,765         17,727,633         17,055,354         14,661,562           489,242         1,895,305         1,720,061         2,334,936         1,834,351           559,780,403         556,743,508         575,416,455         585,321,632         621,112,678           24,211,549         24,120,359         23,102,323         24,025,983         26,248,505           58,600,398         59,783,530         58,921,658         65,642,511         69,693,874           4,944,729         5,265,788         12,107,134         13,157,818         9,802,146           8,948,728         10,160,516         7,583,631         12,631,751         8,283,416           4,900,351         4,837,386         4,839,480         4,864,020         4,859,357           2,051,428,405         2,103,204,056         2,185,605,837         2,271,379,104         2,367,835,652           81,829,427         88,894,101         121,382,425         128,2	892,398,894 \$ 914,121,619 \$ 928,796,242 \$ 944,010,324 \$ 972,303,558 \$ 301,430,612 315,478,742 340,076,515 365,703,934 382,934,148 174,702,273 190,370,587 212,923,908 233,889,194 252,614,490 18,652,738 18,225,785 17,727,633 17,055,354 14,661,562 489,242 1,895,305 1,720,061 2,334,936 1,834,351 559,780,403 556,743,508 575,416,455 585,321,632 621,112,678 24,211,549 24,120,359 23,102,323 24,025,983 26,248,505 58,600,398 59,783,530 58,921,658 66,642,511 69,693,874 5,231,290 5,265,788 12,107,134 13,157,818 9,802,146 8,948,728 10,160,516 7,583,631 12,631,751 8,283,416 4,900,351 4,837,386 4,839,480 4,864,020 4,859,357 2,081,927 2,200,931 2,390,797 2,741,647 3,487,567 2,051,428,405 2,103,204,056 2,185,605,837 2,271,379,104 2,367,835,652 2,134,247 21,746,114 20,710,891 21,734,682 23,768,516 68,479,472 70,290,863 69,233,942 71,353,866 71,423,262 259,384,359 263,774,603 272,907,074 283,870,494 297,122,296 113,452,154 111,520,124 114,494,845 116,955,164 124,437,211 8,057,406 7,782,724 7,629,325 8,189,234 9,217,944 398,931 357,658 348,293 373,209 411,714 4,0,056,346 38,361,990 38,429,63 38,949,970 39,754,229 89,757,405 86,084,524 74,416,321 85,562,915 93,429,462 22,328,538 22,349,552 25,044,101 28,384,505 30,644,306 58,251,129 61,817,477 62,968,348 63,855,645 68,220,307 36,110,497 36,336,635 38,335,515 40,044,257 43,548,448 832,361,152 856,362,684 871,208,119,75 81,576,678 84,585,219

### CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS (CONTINUED)

(modified accrual basis of accounting)

	2009			2010		2011		(95,761,317)			
Expenditures (Continued)											
Debt service:											
Principal retirement (1)	\$	85,914,567	\$	85,889,567	\$	3,397,777	\$	12,943,203			
Interest		83,169,612		80,611,709		85,123,862		93,879,521			
Fiscal charges		3,604,978		906,832		3,406,148		3,257,031			
Debt issue costs		240,000		4,347,663		1,925,066		2,207,494			
Capital outlay - capitalized (2)		83,576,267		92,640,446		100,682,804		133,571,317			
Capital outlay - noncapitalized		66,712,095		79,800,124		112,034,900		63,091,834			
Total expenditures		1,903,382,221		1,982,488,940		2,031,059,283		2,030,803,404			
Excess of revenue over (under) expenditures		(150,932,903)		(206,722,154)		(171,019,267)		(95,761,317)			
Other Financing Sources (Uses)											
Issuance of new debt		59,140,000		430,900,000		35,555,000		-			
Issuance of refunding debt		-		189,895,243		290,201,755		316,085,913			
Debt issue premium (discount)		-		36,559,565		43,480,488		67,444,362			
Payments to refunded bond escrow agent		(58,900,000)		(206,868,923)		(331,757,177)		(383,595,322)			
Insurance recovery (3)		-		15,000,000		37,000,000		-			
Transfers in		98,879,725		109,679,961		214,988,824		180,292,626			
Transfers out		(107,040,208)		(136,553,615)	_	(246,991,267)	_	(212,907,693)			
Total other financing sources (uses)		(7,920,483)		438,612,231		42,477,623		(32,680,114)			
Net change in fund balances	\$	(158,853,386)	\$	231,890,077	\$	(128,541,644)	\$	(128,441,431)			
Debt service as a percentage of											
noncapitalized expenditures (4)		9.29 %	6	8.81 9	%	4.59	%	5.63 %			

<sup>(1)</sup> As the result of a bond refunding in June 2010, principal payments for the years ended June 30, 2011 through 2013 were significantly reduced.

<sup>(2)</sup> Only a portion of capital outlay expenditures qualify for capitalization under the Government's capitalization policy. For the years prior to the implementation of GASB 34, all capital outlay costs are assumed to be capitalized.

<sup>(3)</sup> Insurance recoveries in fiscal years 2010 and 2011 are related to flooding in May 2010.

<sup>(4)</sup> For purposes of calculating debt service as a percentage of noncapital expenditures, debt service includes principal retirement and interest. Noncapitalized expenditures equals total expenditures less capital outlay - capitalized.

## CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS LAST TEN FISCAL YEARS (CONTINUED)

(modified accrual basis of accounting)

	2013	_	2014	2015			2016	_	2017	_	2018
\$	44,743,407	\$	97,320,344	\$	113,588,002	\$	115,957,762	\$	132,859,891	\$	140,797,840
Ψ	93,272,037	Ψ	101,497,666	Ψ	103,301,816	Ψ	104,982,211	Ψ	103,366,006	Ψ	125,106,557
	3,716,622		3,226,035		6,911,332		7,898,402		6,792,950		6,848,877
	2,704,649		5,220,035		0,511,552		- 1,000,402		-		-
	110,878,249		202,968,322		214,809,446		139,450,169		210,753,687		312,043,055
	110,821,632		131,042,781		141,684,515		134,787,666		174,861,981		172,170,172
	2,155,165,296		2,368,487,623		2,464,764,605		2,479,954,379		2,722,504,914		2,973,481,011
	(103,736,891)		(265,283,567)		(279,158,768)		(208,575,275)		(354,669,262)		(510,772,403)
	374,874,554		=		-		346,549,106		455,000,078		-
	382,598,457		-		163,710,000		338,311,539		-		-
	131,109,907		-		13,815,134		127,100,018	48,071,097			-
	(433,836,850)		-		(176,341,921)		(409,215,077)		-		-
	199,600,840		183,807,020		190,050,738		195,258,693		243,930,794		270,899,050
	(208,258,842)		(205,498,680)		(214,317,695)		(217,374,390)		(262,333,811)		(277,582,594)
	(200,200,0:2)	-	(200, 100,000)		(=::,0::,000)		(= :: ;e: :;eee)		(202,000,01.)		(2::;662;66:)
_	446,088,066		(21,691,660)		(23,083,744)	_	380,629,889		484,668,158	_	(6,683,544)
\$	342,351,175	\$	(286,975,227)	\$	(302,242,512)	\$	172,054,614	\$	129,998,896	\$	(517,455,947)
	6.75	75 % 9.18 % 9		9.64 %	% 9.44 %			9.40 %	%	9.99 %	

### ASSESSED VALUE AND ESTIMATED ACTUAL VALUE OF GENERAL SERVICES DISTRICT TAXABLE PROPERTY LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

Fiscal Year	Realty	Personalty	Public Utility	Total GSD Taxable Assessed Value
2008-09	\$ 14,949,650,247	\$ 1,003,474,654	\$ 601,229,146	\$ 16,554,354,047
2009-10	17,452,127,001	1,118,966,031	651,277,995	19,222,371,027
2010-11	17,447,570,422	1,128,934,816	632,009,935	19,208,515,173
2011-12	17,366,226,070	1,098,349,735	639,688,011	19,104,263,816
2012-13	17,404,334,210	1,115,387,381	640,800,994	19,160,522,585
2013-14	18,313,859,433	1,231,932,155	663,744,930	20,209,536,518
2014-15	18,498,390,332	1,177,300,927	700,367,364	20,376,058,623
2015-16	18,866,789,974	1,209,436,393	666,469,036	20,742,695,403
2016-17	19,435,521,082	1,187,902,496	691,397,076	21,314,820,654
2017-18	28,945,737,943	1,419,531,774	779,345,451	31,144,615,168

Assessment date: January 1 (Pick-up assessments and cancellations for each year in minor amounts are not reflected in above figures).

Tax levy: General Services District tax is levied on the entire Metropolitan area. Urban Services District tax is an additional tax levied on properties within the Urban Services District. Personalty and public utility taxes are levied on September 1st of each year, based upon assessed valuation at January 1st of that year. Real property taxes are levied on September 1st of each year, based upon assessed valuation through January 1st of that year. In addition, for the period January 1st through September 1st, supplemental assessments are made and related taxes are levied for improved, demolished or damaged property during such period, in accordance with T.C.A. Section 67-607.

#### Ratio of assessed value

to appraised value: Commercial and industrial properties - 40% for real property and 30%

for tangible personal property
Farm and residential properties - 25%

Public utilities - 55%

Note: The State mandates a reappraisal valuation of property within Davidson County every four years.

- (1) All properties within the General Services District are taxed at the GSD tax rate. Only those properties within the Urban Services District are taxed the additional USD tax rate. See schedule on page H-18.
- (2) Source: Tax Aggregate Reports for Tennessee State Board of Equalization

### ASSESSED VALUE AND ESTIMATED ACTUAL VALUE OF GENERAL SERVICES DISTRICT TAXABLE PROPERTY LAST TEN FISCAL YEARS (CONTINUED)

			Total	Assessed				
			Estimated	Value as	a			
To	tal GSD		Actual Property	Percentage of				
Tax	Rate (1)		Value (2)	Actual Val	ue			
		-						
\$	4.040		\$ 61,881,138,204	26.75	%			
	3.560		63,157,226,914	30.44				
	3.560		63,280,838,469	30.35				
	3.560		63,127,519,037	30.26				
	4.040		63,259,449,113	30.29				
	3.924		65,810,054,890	30.71				
	3.924		66,270,673,259	30.75				
	3.924		67,533,296,332	30.71				
	3.924		78,262,509,134	27.24				
	2.755		99,659,583,923	31.25				

### ASSESSED VALUE OF URBAN SERVICES DISTRICT TAXABLE PROPERTY LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

Fiscal Year	Realty	Personalty	Public Utility	Total USD Taxable Assessed Value	Total USD Tax Rate
2008-09	\$ 10,034,679,742	\$ 804,965,057	\$ 469,223,447	\$ 11,308,868,246	\$ 0.650
2009-10	11,845,833,807	899,198,794	507,695,082	13,252,727,683	0.570
2010-11	11,819,864,666	919,181,529	481,388,729	13,220,434,924	0.570
2011-12	11,847,282,828	915,167,902	482,396,101	13,244,846,831	0.570
2012-13	11,877,136,516	928,784,082	477,220,794	13,283,141,392	0.620
2013-14	12,743,560,657	1,042,522,606	500,973,282	14,287,056,545	0.592
2014-15	12,895,435,922	983,507,268	526,411,427	14,405,354,617	0.592
2015-16	13,184,753,548	1,023,107,282	495,162,952	14,703,023,782	0.592
2016-17	13,644,574,094	971,185,978	510,672,763	15,126,432,835	0.592
2017-18	21,923,461,416	1,230,063,669	589,517,294	23,743,042,379	0.400

Note: The Urban Services District lies within the General Services District. The above schedule reflects the assessed value of the properties within the Urban Services District.

### PROPERTY TAX RATES LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

			Gen	eral Services	District			Urban Services District							
		GSD	General	GSD Debt	School		Total		USD		USD Debt		Total		Total
Fiscal		General	Purpose	Service	Debt Service		GSD		General		Service		USD	Direct Ta	
Year	_	Fund (1)	School Fund	Fund	Fund	_	Rate		Fund (1)	_	Fund	_	Rate	_	Rate
2008-09	(2)	\$ 2.060	\$ 1.330	\$ 0.480	\$ 0.170	\$	4.040	\$	0.530	\$	0.120	\$	0.650	\$	4.690
2009-10	(3)	1.820	1.170	0.420	0.150		3.560		0.460		0.110		0.570		4.130
2010-11		1.820	1.170	0.420	0.150		3.560		0.460		0.110		0.570		4.130
2011-12		1.820	1.170	0.420	0.150		3.560		0.460		0.110		0.570		4.130
2012-13	(4)	1.960	1.400	0.430	0.250		4.040		0.510		0.110		0.620		4.660
2013-14	(3)	1.905	1.416	0.423	0.180		3.924		0.480		0.112		0.592		4.516
2014-15		1.905	1.416	0.423	0.180		3.924		0.480		0.112		0.592		4.516
2015-16	(2)	1.905	1.416	0.423	0.180		3.924		0.495		0.097		0.592		4.516
2016-17		1.905	1.416	0.423	0.180		3.924		0.495		0.097		0.592		4.516
2017-18	(3)	1.338	0.994	0.297	0.126		2.755		0.334		0.066		0.400		3.155

Tax rates are per \$100 of assessed valuation. Payments may be made through February 28 of the year following the year of assessment and levy without penalty.

On November 7, 2006, voters approved a ballot initiative prohibiting the Metropolitan Council from raising real property tax rates from their current and future levels without the approval of the voters in a referendum. Prior to the adoption of the ballot proposal, the Metropolitan Council was authorized to set the real property tax rate without any requirement of voter approval. The Government's legal department has issued a memo stating that the approved initiative violates the Tennessee Constitution because it places the power to set property tax rates with voters, rather than with the Metropolitan Council, as prescribed by the Constitution. However, the Government cannot predict whether there will be a court challenge as to the constitutionality of the approved initiative. If there is a challenge, the Government cannot predict the timing or be certain of the outcome of any court challenge as to the constitutionality of the approved initiative.

- (1) A portion of the revenue of the GSD General Fund generated from the tax levy collected for the area of the USD is recorded in the USD General Fund. Referred to as the levy for fire protection service, this amount of the levy has ranged from \$.05 to \$.08 over the last ten years.
- (2) In these fiscal years, the property tax rate was reallocated among the funds receiving property tax revenue.
- (3) The State mandates a reappraisal valuation of property within Davidson County every four years resulting in a reduction of the combined GSD-USD tax rate. Also, the combined GSD-USD tax rate was reallocated among the funds receiving property tax revenue. The rates above reflect the net change of the reappraisal valuation and the reallocation by the Metropolitan Council.
- (4) In this year, the combined GSD-USD tax rate was increased by the Metropolitan Council and reallocated among the funds receiving property tax revenue. The rates above reflect the net change of the increase and reallocation by the Metropolitan Council.

### PRINCIPAL PROPERTY TAXPAYERS CURRENT YEAR AND NINE YEARS AGO

Unaudited - See Accompanying Accountants' Report

	Г	Эесе	mber 31, 2017	,		December 31, 2008							
Taxpayer	2017 Assessed Valuation	essed Amount of Tax			2008 Assessed Valuation				% of Total Tax Levy				
Electric Power Board (1) \$	N/A	\$	29,322,160	1	3.05 %	\$	N/A	\$	23,472,736	1	3.16 %		
Columbia/HCA	345,539,345		11,332,657	2	1.18		233,062,240		10,187,240	3	1.37		
RHP Hotels Inc./ Gaylord (3)	257,973,885		8,163,650	3	0.85		238,598,060		11,226,636	2	1.51		
The Mall at Green Hills	157,169,202		4,958,688	4	0.52		-		-	(2)	-		
AT&T Telephone/ BellSouth (3)	152,083,562		4,739,961	5	0.49		173,301,349		7,001,372	4	0.94		
Highwoods Realty	142,371,524		4,573,575	6	0.48		-		-	(2)	-		
Mid-America Apartments	142,061,960		4,270,886	7	0.44		-		-	(2)	-		
Piedmont Natural Gas	138,452,757		4,219,875	8	0.44		78,681,665		3,561,715	7	0.48		
Vanderbilt	132,777,384		4,184,602	9	0.44		61,365,054		2,878,021	8	0.39		
Opry Mills Mall	120,506,745		3,801,988	10	0.40		70,154,676		3,795,703	5	0.51		
CBL & Associates	-		-	(2)	-		82,983,092		3,591,978	6	0.48		
Davis Street Land	-		-	(2)	-		42,921,720		2,022,178	9	0.27		
PREFCO XIV LTD		-	-	(2)			38,950,000		1,947,497	10	0.26		
\$	1,588,936,364	\$	79,568,042		8.29 %	\$	1,020,017,856	\$	69,685,076		9.37 %		

Source: Tax Assessor's Office, Trustee's Office

<sup>(1)</sup> The amount of tax for the Electric Power Board represents a payment in lieu of taxes and is not based on an assessed valuation.

<sup>(2)</sup> Values for taxpayers that are outside the top ten ranking are excluded.

<sup>(3)</sup> Certain properties have changed ownership between December 31, 2008 and December 31, 2017. For comparability purposes, the current and prior owners are shown jointly.



### PROPERTY TAX LEVIES AND COLLECTIONS LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

				Collections Within the Fiscal Year of the Levy						
Fiscal	Amount	Amount	Total Tax	Current Tax	Percent of					
Year	GSD Levy	USD Levy	Levy	Amount (1)	Levy					
2008-09	\$ 659,755,545	\$ 82,555,463	\$ 742,311,008	\$ 732,021,054	98.61 %					
2009-10	675,043,791	84,818,421	759,862,212	748,828,597	98.55					
2010-11	674,573,125	84,611,716	759,184,841	741,791,912	97.71					
2011-12	670,841,793	84,767,649	755,609,442	745,445,734	98.65					
2012-13	763,462,757	92,982,763	856,445,520	845,378,327	98.71					
2013-14	781,593,235	96,009,026	877,602,261	863,883,378	98.44					
2014-15	788,032,918	96,803,988	884,836,906	876,959,909	99.11					
2015-16	802,143,672	98,797,912	900,941,584	889,764,582	98.76					
2016-17	824,429,176	101,837,165	926,266,341	918,570,697	99.17					
2017-18	853,383,025	107,918,734	961,301,759	943,304,767	98.13					

Source: Metropolitan Trustee's Office

(1) In June of each year, the Government sold to an outside party the majority of the real property taxes outstanding that had become delinquent the prior March 1. The sales generated property tax revenues and reductions of the property tax receivable balances which are reflected in current year collections as follows:

	Current Year								
2008-09	\$	21,544,115							
2009-10		26,509,998							
2010-11		26,178,622							
2011-12		20,843,656							
2012-13		21,437,137							
2013-14		22,238,850							
2014-15		21,679,890							
2015-16		22,224,919							
2016-17		16,158,670							
2017-18		19,116,400							

### PROPERTY TAX LEVIES AND COLLECTIONS LAST TEN FISCAL YEARS (CONTINUED)

		Total	C	ollections in	 Total Colle	ections to Da	ite	0	utstanding	
A	Adjustment to	Levy After	S	Subsequent		Percent o	•		Delinquent —	Percentage
	Levy	 Adjustment		Years	 Amount	mount After Adjustment			Taxes	Uncollected
\$	(4,531,680)	\$ 737,779,328	\$	4,937,866	\$ 736,958,920		99.89 %	\$	820,408	0.11 %
	(12,382,753)	747,479,459		(1,969,668)	746,858,929		99.92		620,530	0.08
	(15,009,514)	744,175,327		1,946,753	743,738,665		99.94		436,662	0.06
	(9,843,928)	745,765,514		(140,766)	745,304,968		99.94		460,546	0.06
	(8,468,488)	847,977,032		2,138,963	847,517,290		99.95		459,752	0.05
	(13,052,822)	864,549,439		108,875	863,992,253		99.94		557,186	0.06
	(5,674,756)	879,162,150		954,111	877,914,020		99.86		1,248,130	0.14
	(7,775,105)	893,166,479		2,414,023	892,178,605		99.89		987,874	0.11
	(4,650,915)	921,615,426		1,887,639	920,458,336		99.87		1,157,090	0.13
	(15,567,929)	945,733,830		-	943,304,767		99.74		2,429,063	0.26

### RATIOS OF OUTSTANDING DEBT BY TYPE LAST TEN FISCAL YEARS

(amounts expressed in thousands, except per capita amount)

Unaudited - See Accompanying Accountants' Report

				Business-type Activities									
Fiscal Year	General Obligation Bonds and Notes	OI R	Limited bligation evenue Bonds	Ad	ualified Zone cademy Bond Notes	ennessee Municipal Bond Fund Loan	Qualified School nstruction Bond Loan	Go	Total overnmental Activities		Revenue Bonds	Ol	General oligation
2008-09	\$ 1,646,023	\$	5,825	\$	4,857	\$ 56,930	\$ -	\$	1,713,635	\$	412,643	\$	7,316
2009-10	2,003,576		3,956		4,452	52,650	21,120		2,085,754		376,913		6,997
2010-11	2,022,604		1,997		4,048	52,650	55,577		2,136,876		640,249		6,913
2011-12	2,105,210		-		3,643	-	52,410		2,161,263		752,158		7,074
2012-13	2,564,208		-		3,238	-	48,874		2,616,320		884,874		69,097
2013-14	2,446,867		-		2,835	-	45,337		2,495,039		847,596		66,913
2014-15	2,335,207		-		2,430	-	41,801		2,379,438		809,990		64,285
2015-16	2,676,899		-		2,026	-	38,264		2,717,189		784,013		63,773
2016-17	3,018,412		-		1,622	-	34,728		3,054,762		749,589		61,484
2017-18	2,847,473		-		1,218	-	31,192		2,879,883		963,190		58,618

Note: Details regarding the Government's outstanding debt can be found in the notes to the financial statements.

<sup>(1)</sup> See the Schedules of Demographic and Economic Statistics on page H-32 for personal income and population data. These ratios are calculated using personal income and population for the prior calendar year.

<sup>(2)</sup> Per Capita Personal Income statistics for the most recent calendar year were not available at the reporting date.

# RATIOS OF OUTSTANDING DEBT BY TYPE LAST TEN FISCAL YEARS (CONTINUED)

(amounts expressed in thousands, except per capita amount)

Unaudited - See Accompanying Accountants' Report

### Business-type Activities (Continued)

State Loans		Capitalized Lease Obligations		Total Business-type Activities		Total Primary Government		Percentage of Personal Income (1)		Per Capita (1)	
\$	159,000	\$	1,270	\$	580,229	\$	2,293,864		8.26 %	\$	3,663.48
	165,331		1,095		550,336		2,636,090		9.54		4,146.69
	159,681		900		807,743		2,944,619		6.74		3,103.03
	197		695		760,124		2,921,387		9.72		4,597.17
	150		475		954,596		3,570,916	1	0.69		5,508.17
	101		245		914,855		3,409,894	1	0.10		5,177.47
	51		-		874,326		3,253,764		8.96		4,868.38
	-		-		847,786		3,564,975		9.48		5,251.19
	-		-		811,073		3,865,835		9.69		5,648.42
	-		-		1,021,808		3,901,691		N/A (2)		5,644.46

### RATIOS OF GENERAL BONDED DEBT OUTSTANDING GENERAL AND URBAN SERVICES DISTRICTS LAST TEN FISCAL YEARS

(amounts expressed in thousands, except per capita amount)

Unaudited - See Accompanying Accountants' Report

		Less: Amounts		Percentage of Estimated	
	General	Available in		Actual Value	
Fiscal	Obligation Bonds	Debt Service		of Taxable	Per
Year	and Notes	Funds	Total	Property (1)	Capita (2)
2008-09	\$ 1,646,023	\$ 43,962	\$ 1,602,061	2.59 %	\$ 2,558.61
2009-10	2,003,576	25,950	1,977,626	3.13	3,110.89
2010-11	2,022,604	37,955	1,984,649	3.14	3,166.92
2011-12	2,105,210	29,168	2,076,042	3.29	3,266.91
2012-13	2,564,208	37,330	2,526,878	3.99	3,897.73
2013-14	2,446,867	21,554	2,425,313	3.69	3,682.52
2014-15	2,335,207	28,090	2,307,117	3.48	3,451.97
2015-16	2,676,899	22,283	2,654,616	3.93	3,910.24
2016-17	3,018,412	20,675	2,997,737	3.83	4,380.03
2017-18	2,847,473	10,851	2,836,622	2.85	4,103.65

Note: Details regarding the Government's outstanding debt can be found in the notes to the financial statements.

<sup>(1)</sup> See the Schedule of Assessed Value and Estimated Actual Value of Taxable Property on pages H-16 and H-17 for property value data.

<sup>(2)</sup> See the Schedules of Demographic and Economic Statistics on page H-32 for personal income and population data. This ratio is calculated using population for the prior calendar year.

# RATIOS OF GENERAL BONDED DEBT OUTSTANDING URBAN SERVICES DISTRICT LAST TEN FISCAL YEARS

(amounts expressed in thousands, except per capita amount)

Unaudited - See Accompanying Accountants' Report

	General	Less: Amounts Available in		Percentage of Estimated Actual Value		
Fiscal	Obligation Bonds	Debt Service		of Taxable	Per	
Year	and Notes	Funds	Total	Property (1)	Capita (2)	
2008-09	\$ 144,049	\$ 4,299	\$ 139,750	N/A %	\$ N/A	
2009-10	157,592	2,985	154,607	N/A	N/A	
2010-11	156,260	6,160	150,100	N/A	N/A	
2011-12	181,076	7,325	173,751	N/A	N/A	
2012-13	196,077	8,629	187,448	N/A	N/A	
2013-14	193,855	5,711	188,144	N/A	N/A	
2014-15	183,558	3,142	180,416	N/A	N/A	
2015-16	185,491	4,154	181,337	N/A	N/A	
2016-17 2017-18	178,174 166,545	4,486 524	173,688 166,021	N/A N/A	N/A N/A	
2017-10	100,543	324	100,021	IN/A	IN/A	

Note: The above computation is an excerpt from the Ratios of General Bonded Debt Outstanding on page H-26 and reflects ratios of general bonded debt for the Urban Services District only. Details regarding the Government's outstanding debt can be found in the notes to the financial statements.

<sup>(1)</sup> The actual value of taxable property is not available for the Urban Services District.

<sup>(2)</sup> Population estimates are not available for the Urban Services District.

### LEGAL DEBT MARGIN INFORMATION URBAN SERVICES DISTRICT LAST TEN FISCAL YEARS

(amounts expressed in thousands)

Unaudited - See Accompanying Accountants' Report

Fiscal Year	 Debt Limit		Total Amount of Debt Applicable to Debt Limit		_egal Debt Margin	Total Amount of Debt Applicable to Debt Limit as a Percentage of Debt Limit	
2008-09	\$ 1,681,640	\$	139,750	\$	1,541,890	8.31 %	
2009-10	1,993,317		154,607		1,838,710	7.76	
2010-11	1,983,065		150,100		1,832,965	7.57	
2011-12	1,986,727		173,751		1,812,976	8.75	
2012-13	1,992,471		187,448		1,805,023	9.41	
2013-14	2,143,058		188,143		1,954,915	8.78	
2014-15	2,160,803		180,415		1,980,388	8.35	
2015-16	2,205,454		181,337		2,024,117	8.22	
2016-17	2,268,965		173,687		2,095,278	7.65	
2017-18	3,561,456		166,021		3,395,435	4.66	

Note: There is no legal debt margin for the General Services District. Therefore, the calculation is presented for the Urban Services District only.

### COMPUTATION OF LEGAL DEBT MARGIN URBAN SERVICES DISTRICT FOR THE YEAR ENDED JUNE 30, 2018

Unaudited - See Accompanying Accountants' Report

Assessed valuation of taxable property - Urban Services District		\$ 23,743,042,379
Debt limit - 15 percent of assessed valuation		\$ 3,561,456,357
Amount of debt applicable to debt limit:		
Total bonded debt	\$ 166,545,191	
Less: Amounts available in debt service funds	524,152	
Total amount of debt applicable to debt limit		 166,021,039
Legal debt margin		\$ 3,395,435,318

Note: The legal debt limit for the Urban Services District is established in the Charter for the Metropolitan Government as presented above. There is no legal debt limit for the General Services District.

# RATIO OF ANNUAL DEBT SERVICE EXPENDITURES FOR GENERAL BONDED DEBT TO TOTAL GENERAL EXPENDITURES LAST TEN FISCAL YEARS

(amounts expressed in thousands)

Unaudited - See Accompanying Accountants' Report

Fiscal Year	_	F	Principal	 Interest	 Total Debt Service	Exp	Total General penditures (1)	Percentage of Debt Service to Total General Expenditures	
2008-09		\$	81,580	\$ 82,842	\$ 164,422	\$	1,777,590	9.2	2 %
2009-10			81,600	79,968	161,568		1,844,374	8.8	3
2010-11	(2)		-	79,276	79,276		1,863,923	4.3	3
2011-12	(2)		7,377	86,808	94,185		1,881,454	5.0	)
2012-13	(2)		40,792	84,680	125,472		1,964,390	6.4	1
2013-14			93,369	93,059	186,428		2,059,327	9.1	I
2014-15			109,637	92,396	202,033		2,134,006	9.5	5
2015-16			112,007	94,221	206,228		2,231,093	9.2	2
2016-17			128,909	92,977	221,886		2,359,209	9.4	1
2017-18			136,847	114,986	251,833		2,517,414	10.0	)

Note: Details regarding the Government's outstanding debt can be found in the notes to the financial statements.

<sup>(1)</sup> Includes General, Special Revenue and Debt Service Funds.

<sup>(2)</sup> As the result of a bond refunding in June 2010, principal payments for the years ended June 30, 2011 through 2013 were significantly reduced.

# PLEDGED REVENUE COVERAGE DEPARTMENT OF WATER AND SEWERAGE SERVICES REVENUE BONDS LAST TEN FISCAL YEARS

(amounts expressed in thousands)

Unaudited - See Accompanying Accountants' Report

		Direct	Net Revenue Available							
Fiscal	Gross	Operating	For		Debt Service Requirement					
Year	Revenue (1)	Expense (2)	Debt Service	Р	rincipal		Interest		Total	Coverage
2008-09	\$ 172,379	\$ 90,685	\$ 81,694	\$	33,370	\$	18,859	\$	52,229	1.56
2009-10	171,966	88,603	83,363		35,525		16,526		52,051	1.60
2010-11	196,268	94,478	101,790		37,830		26,998		64,828	1.57
2011-12	201,263	102,485	98,778		42,410		29,386		71,796	1.38
2012-13	209,110	103,423	105,687		30,765		34,189		64,954	1.63
2013-14	213,055	101,703	111,352		31,500		41,367		72,867	1.53
2014-15	215,709	100,825	114,884		20,275		40,175		60,450	1.90
2015-16	219,023	112,208	106,815		28,795		39,029		67,824	1.57
2016-17	219,964	112,654	107,310		37,475		37,476		74,951	1.43
2017-18	226,804	113,858	112,946		38,225		46,136		84,361	1.34

Note: Details regarding the Government's outstanding debt can be found in the notes to the financial statements.

<sup>(1)</sup> Includes interest on investments and other income.

<sup>(2)</sup> Excludes depreciation and amortization expense.

## DEMOGRAPHIC AND ECONOMIC STATISTICS LAST TEN CALENDAR YEARS

Unaudited - See Accompanying Accountants' Report

					Personal	
					Income	
		Pe	er Capita		(amounts	
Calendar		Р	ersonal	е	expressed in	Unemployment
Year	Population (1)	Ind	come (2)	th	ousands) (2)	Rate (3)
2008	626,144	\$	44,228	\$	27,784,064	5.5 %
2009	635,710		43,457		27,626,360	9.3
2010	626,681		45,913		28,835,836	9.0
2011	635,475		47,318		30,069,470	8.5
2012	648,295		51,526		33,403,945	7.2
2013	658,602		51,245		33,749,886	7.1
2014	668,347		54,307		36,295,950	6.3
2015	678,889		55,411		37,617,693	4.3
2016	684,410		58,283		39,889,221	3.9
2017 (4)	691,243		N/A		N/A	2.9

<sup>(1)</sup> Source: U.S. Department of Commerce, Bureau of the Census and Labor

<sup>(2)</sup> Source: U.S. Department of Commerce, Bureau of Economic Analysis

<sup>(3)</sup> Source: Tennessee Department of Labor & Workforce Development

<sup>(4)</sup> Personal income statistics for calendar year 2017 were not available at the reporting date.

### PRINCIPAL EMPLOYERS CURRENT YEAR AND NINE YEARS AGO

Unaudited - See Accompanying Accountants' Report

	June 30, 2018			June 30, 2009			
Employer	Employees	Rank	% of Total Employment	Employees	Rank	% of Total Employment	
Vanderbilt University (2)	27,340	1	2.74 %	19,968	2	2.76 %	
State of Tennessee	25,777	2	2.58	20,800	1	2.65	
Metro Nashville-Davidson Co. Government and Public Schools	18,820	3	1.89	19,692	3	2.62	
U.S. Government	13,148	4	1.32	11,271	4	1.50	
Nissan North America	10,750	5	1.08	6,750	7	0.90	
HCA Healthcare Inc.	10,613	6	1.06	8,700	5	1.16	
Saint Thomas Health	6,243	7	0.63	7,200	6	0.96	
Community Health Systems Inc.	4,700	8	0.47	-		- (1)	
Randstad	4,557	9	0.46	-		- (1)	
Asurion	3,600	10	0.36	-		- (1)	
Wal-Mart Stores Inc.	-		- (1)	4,500	8	0.60	
CBRL Group Inc.	-		- (1)	4,017	9	0.53	
Shoney's Inc.	-		- (1)	4,000	10	0.53	
	125,548		12.59 %	106,898		14.21 %	

#### Sources:

Principal Employers and Number of Employees - Nashville Area Chamber of Commerce, Nashville Business Journal Total Employment - TN Department of Labor & Workforce Development

Note: The schedule reflects employers and number of employees within the Metropolitan Statistical Area.

- (1) Values for employers that are outside the top ten ranking are excluded.
- (2) The variance in employees for Vanderbilt University is due to the consolidation of the university, medical center and other entities.

## FULL-TIME EQUIVALENT GOVERNMENT EMPLOYEES BY FUNCTION LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

Governmental activities: General government (1) Fiscal administration Administration of justice Law enforcement and care of prisoners (5) Fire prevention and control Regulation and inspection Conservation of natural resources Public welfare Public health and hospitals	330 317 813 2,733 1,150 105	288 306 773 2,787 1,141	297 296 804	306 282
Fiscal administration Administration of justice Law enforcement and care of prisoners (5) Fire prevention and control Regulation and inspection Conservation of natural resources Public welfare	317 813 2,733 1,150	306 773 2,787	296 804	282
Administration of justice Law enforcement and care of prisoners (5) Fire prevention and control Regulation and inspection Conservation of natural resources Public welfare	813 2,733 1,150	773 2,787	804	_
Law enforcement and care of prisoners (5) Fire prevention and control Regulation and inspection Conservation of natural resources Public welfare	2,733 1,150	2,787		
Fire prevention and control Regulation and inspection Conservation of natural resources Public welfare	1,150	•	0.740	765
Regulation and inspection Conservation of natural resources Public welfare	*	1,141	2,740	2,802
Conservation of natural resources Public welfare	105	,	1,138	1,170
Public welfare		95	97	99
	10	9	9	8
Public health and hospitals	483	468	488	492
	486	473	469	450
Public library system	317	297	292	295
Public works, highways and streets (2)	470	363	364	368
Recreational and cultural	605	543	534	544
Education	9,563	9,671	9,019	9,154
Total governmental activities	17,382	17,214	16,547	16,735
Internal service activities:				
Office of Fleet Management	94	89	89	89
Information Systems	130	114	112	110
Radio Shop (6)	18	16	16	15
Metro Postal Service	4	4	4	4
Facilities Planning and Construction	-	-	-	-
Treasury Management	8	8	8	7
General Services (1)	58	48	47	47
Total internal service activities	312	279	276	272
Business-type activities:				
Department of Water and Sewerage Services	650	692	704	700
Nashville Convention Center (4)	59	57	57	52
Board of Fair Commissioners	25	28	23	22
Farmers Market	7	7	7	7
Police Secondary Employment (5)	5	5	5	5
Surplus Property Auction	7	7	7	7
Police Impound (3)	29	29	29	29
Municipal Auditorium	11	8	8	8
Community Education Commission (7)	14	8	5	2
Stormwater Operations (2)	-	90	90	93
Total business-type activities	807	931	935	925
Total primary government	18,501	18,424	17,758	17,932

Source: Department of Finance, Office of Management and Budgets, "Budget Book" for each fiscal year.

Note: Although the financial balances and operations of the internal service activities are allocated to the various governmental and business-type activities in the government-wide financial statements, the full-time equivalents are reported separately in the above schedule. Also, certain functions previously included in internal service activities were reclassified to governmental activities for consistency in presentation.

<sup>(1)</sup> Effective July 1, 2014, various programs previously reported as General Services internal service activities were moved to the general fund and included in governmental activities - general government.

<sup>(2)</sup> Prior to 2010, the employees of Stormwater Operations were included in governmental activities - public works, highways and streets.

<sup>(3)</sup> In the spring of 2012, the operations of Police Impound were outsourced.

## FULL-TIME EQUIVALENT GOVERNMENT EMPLOYEES BY FUNCTION LAST TEN FISCAL YEARS (CONTINUED)

Unaudited - See Accompanying Accountants' Report

2013	2014	2015	2016	2017	2018
308	302	364	371	375	385
281	282	280	279	281	289
772	777	775	789	798	805
2,826	2,831	2,893	2,898	2,912	2,984
1,170	1,205	1,206	1,206	1,237	1,250
93	94	111	117	106	114
8	8	8	8	8	8
491	492	494	500	470	428
437	464	483	487	493	495
297	309	330	359	368	369
381	389	388	395	407	398
528	546	577	585	640	669
9,291	9,304	9,294	9,658	9,910	9,950
16,883	17,003	17,203	17,652	18,005	18,144
88	89	95	95	103	106
111	112	115	115	147	147
15	15	15	15	-	_
4	4	-	-	-	-
-	-	-	-	-	-
7	7	7	7	7	7
47	47	-	-	-	-
272	274	232	232	257	260
707	715	713	728	724	724
-	-	-	-	-	
24	24	25	28	29	29
7	7	7	7	7	7
5	5	=	=	=	-
7	7	8	8	8	8
-	-	-	-	-	-
9	9	10	9	9	9
3	3	3	3	3	=
93	93	93	89	93	97
855	863	859	872	873	874
18,010	18,140	18,294	18,756	19,135	19,278

<sup>(4)</sup> With the opening of the Music City Center in the spring of 2013, the Nashville Convention Center employees were transitioned to the Convention Center Authority, a component unit of the Government.

<sup>(5)</sup> Effective July 1, 2014, the operations of Police Secondary Employment were moved to the general fund and are included in governmental activities - law enforcement and care of prisoners.

<sup>(6)</sup> Effective July 1, 2016, the operations of Radio Shop were moved to Information Systems and the Office of Fleet Management.

<sup>(7)</sup> Effective July 1, 2017, the operations of the Community Education Commission were moved to the general fund.

## OPERATING INDICATORS BY FUNCTION LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

_	2009	2010	2011	2012
		_	_	_
Governmental activities:				
General government:				
Election Commission - registered voters	345,243	349,733	345,687	358,136
Assessor of Property - real property inspections (1)	236,459	58,158	94,348	103,837
Administration of justice:				
Public Defender - warrants and charges	46,006	44,776	43,139	45,852
Circuit Court Clerk - circuit filings	11,324	10,298	10,900	10,738
Circuit Court Clerk - general sessions civil filings	53,441	48,834	47,193	49,978
Circuit Court Clerk - probate filings	1,930	1,954	1,879	1,906
Law enforcement and care of prisoners:				
Sheriff - inmate days jails	920,662	929,674	898,860	804,641
Sheriff - inmate days detention facility	401,562	397,566	388,466	426,168
Police - total CAD calls received	1,152,012	1,315,649	1,417,859	1,585,228
Police - incident numbers issued	918,749	1,315,455	1,035,026	1,045,077
ECC - total 911 calls received	359,926	344,276	370,704	377,118
ECC - total non 911 calls received	696,757	690,297	675,908	625,120
Fire prevention and control:				
Fire - life threatening responses (2)	41,989	43,124	44,518	46,076
Fire - non life threatening responses (2)	21,045	24,116	25,835	26,739
Regulation and inspection:				
Codes - construction/land use permits	8,235	10,172	8,343	9,304
Public welfare:				
Social Services - clients served	18,870	17,291	14,963	13,785
Public health and hospitals:				
Health - clinic visits	187,717	190,942	195,222	192,902
Health - restaurant inspections	13,796	13,525	13,378	12,082
Public library system:				
Library - circulating materials check-outs	4,144,374	4,148,419	4,208,363	4,340,657
Library - number of visits	3,923,154	3,677,765	3,723,416	3,938,659

Source: Department of Finance, Office of Management and Budgets; Various departments of the Government

<sup>(1)</sup> Years 2009, 2013 and 2017 were reappraisal years where all values are updated with new base rates, depreciation schedules and land tables to produce values at 100% of market value. Beginning in 2017, the Assessor determined to do no inspections in reappraisal years.

<sup>(2)</sup> The categorization of responses as "life threatening" and "non life threatening" was revised in 2018.

## OPERATING INDICATORS BY FUNCTION LAST TEN FISCAL YEARS (CONTINUED)

Unaudited - See Accompanying Accountants' Report

2013	2014	2015	2016	2017	2018	
362,816	373,231	373,823	392,428	390,804	427,556	
238,107	48,559	108,401	92,449	-	53,499	
41,809	42,857	43,956	41,842	35,839	25,301	
10,729	10,915	10,062	8,168	6,856	6,800	
46,445	46,116	43,859	46,047	49,890	50,582	
2,048	2,027	2,126	2,146	2,189	2,211	
771,630	721,508	655,734	632,169	535,262	529,038	
435,098	379,811	350,472	322,674	380,920	353,417	
1,384,481	1,333,945	1,357,306	1,492,259	1,496,617	1,495,576	
1,119,012	1,201,162	1,199,375	1,318,113	1,308,704	1,305,055	
365,278	351,814	408,433	450,517	401,269	374,337	
605,693	634,280	634,124	644,590	665,239	700,790	
44,232	47,161	47,053	47,453	45,773	59,993	
25,403	28,332	34,812	35,374	33,810	35,042	
9,900	10,131	11,695	12,852	12,225	11,465	
13,271	13,122	13,990	13,737	12,396	13,039	
181,395	181,959	164,330	154,398	150,948	146,302	
13,050	13,440	13,689	12,067	10,890	13,023	
4,368,494	4,663,347	5,133,351	5,371,115	5,430,309	5,648,749	
3,697,063	3,501,710	3,444,250	3,338,972	3,615,302	3,261,586	

## OPERATING INDICATORS BY FUNCTION LAST TEN FISCAL YEARS (CONTINUED)

Unaudited - See Accompanying Accountants' Report

_	2009	2010	2011	2012
Governmental activities (continued):				
Public works, highways and streets:				
Public Works - scheduled garbage collections	6,423,000	6,477,000	6,503,700	6,630,000
Public Works - tons of disposed waste	957,837	745,442	852,856	596,111
Public Works - rehabilitated street lane miles	171	87	125	89
Recreational and cultural:				
Parks - Sportsplex attendance	339,718	344,858	343,835	333,365
Parks - cultural enrichment class attendance	12,374	15,710	17,430	18,300
Parks - senior citizen program attendance (3)	37,932	36,898	37,970	60,759
Education:				
Public Schools - students (second month enrollment)	75,049	76,329	78,014	79,121
Business-type activities:				
Department of Water and Sewerage Services:				
Customers - water	175,121	176,033	177,475	184,421
Average daily actual water pumped				
(millions of gallons per day)	98	119	101	100
Customers - wastewater	187,655	189,299	189,898	195,380
Average daily wastewater flow				
(millions of gallons per day)	151	166	154	148
District Energy System:				
Steam sales (thousand pounds)	283,071	272,448	277,943	250,414
Chilled water sales (thousand ton hours)	52,976	51,273	56,118	57,233
Nashville Convention Center - events (5)	234	243	237	217
Board of Fair Commissioners:				
Flea market booth rentals	15,743	15,908	14,510	16,423
State fair attendance (4)	192,130	209,385	208,131	62,352
Municipal Auditorium - events held	110	111	123	90
Component units:				
Music City Center - events (5)	-	-	-	-

Source: Department of Finance, Office of Management and Budgets; Various departments of the Government

<sup>(3)</sup> Tracking of senior citizen program attendance was changed from a manual to an automated system in 2012. While there was some increase in participation, the increase is also due to the availability of more accurate information.

<sup>(4)</sup> The operation of the state fair was outsourced beginning in 2011.

<sup>(5)</sup> The Music City Center opened in May 2013. 2014 was the first full year of operations. Nashville Convention Center events decreased in 2014 as events move to the Music City Center. Nashville Convention Center ceased operations in 2017.

## OPERATING INDICATORS BY FUNCTION LAST TEN FISCAL YEARS (CONTINUED)

### Unaudited - See Accompanying Accountants' Report

2013	2014	2015	2016	2017	2018		
6,630,000	6,625,840	6,672,700	6,731,500	6,803,000	6,864,156		
645,224	649,108	725,871	757,332	885,047	862,641		
167	173	169	164	287	287		
355,999	343,332	355,699	400,830	454,878	461,964		
18,202	19,430	39,376	55,558	55,257	57,080		
61,214	54,152	65,504	104,104	136,021	134,297		
81,001	82,307	84,353	85,797	87,783	86,633		
187,272	190,699	194,270	197,957	204,181	204,976		
95	101	87	87	88	88		
198,485	198,119	200,425	203,255	206,562	210,157		
164	169	168	166	146	168		
374,366	410,084	381,755	325,248	321,508	366,928		
62,538	61,768	59,626	61,337	64,119	59,914		
254	56	15	4	2	-		
16,515	18,612	22,314	20,271	22,481	16,796		
67,805	67,635	66,752	70,265	56,492	60,502		
110	155	135	175	148	144		
-	342	305	293	287	302		

OPERATING INDICATORS BY FUNCTION SCHEDULE OF UNACCOUNTED FOR WATER DEPARTMENT OF WATER AND SEWERAGE SERVICES June 30, 2018

AWWA Free Water Audit Software:					
	керс	orting Workshee	<u>et</u>		
Click to add a comment		Service 7/2017 - 6/2018			
Please enter data in the white cells below. Where available, metered values sh input data by grading each component (n/a or 1-10) using the drop-down list to					in the accuracy of the
All volu	mes to be ente	ered as: MILLION GAL	LONS (US) PER YEAR		
To select the correct data grading for each input, the utility meets or exceeds all criteria for				Master Meter and Co	
WATER SUPPLIED	•	•	in column 'E' and 'J'		pply Error Adjustments Value:
Volume from own sources:		32,231.170		9 0 6	
Water imported:		004.040	MG/Yr + ?	<b>●</b> C	
Water exported:	+ ? 5	261.643	MG/Yr + ?	Enter negative % or y	MG/Yr value for under-registration
WATER SUPPLIED:		31,968.072	MG/Yr	•	alue for over-registration
AUTHORIZED CONSUMPTION	•				Click here: ?
Billed metered:		22,506.348	MG/Yr		for help using option
Billed unmetered: Unbilled metered:		0.000	MG/Yr MG/Yr	Pcnt:	buttons below Value:
Unbilled unmetered:		151.622	MG/Yr	1 CIII.	151.622 MG/Yr
				<u> </u>	
AUTHORIZED CONSUMPTION:	?	22,657.970	MG/Yr	<u></u>	Use buttons to select percentage of water
		•			supplied OR
WATER LOSSES (Water Supplied - Authorized Consumption)		9,310.102	MG/Yr		value
Apparent Losses		.,.		Pcnt:	▼ Value:
Unauthorized consumption:	+ ? 7	92.958	MG/Yr	0 (	92.958 MG/Yr
Unauthorized consumption volume enter	ed is greater t	than the recommende	d default value		
Customer metering inaccuracies:		419.493	MG/Yr	0	● 419.493 MG/Yr
Systematic data handling errors:	+ ? 7	4.501	MG/Yr		<b>4.501</b> MG/Yr
Apparent Losses:	?	516.952	MG/Yr		
Real Losses (Current Annual Real Losses or CARL)					
Real Losses = Water Losses - Apparent Losses:	?	8,793.150	MG/Yr		
WATER LOSSES:		9,310.102	MG/Yr		
NON DEVENUE WATER		-			
NON-REVENUE WATER NON-REVENUE WATER:	?	9,461.724	MG/Yr		
= Water Losses + Unbilled Metered + Unbilled Unmetered		·			
SYSTEM DATA					
Length of mains: Number of <u>active AND inactive</u> service connections:		3,043.1 199,294	miles		
Service connection density:			conn./mile main		
Annual contraction of the contra		Vac			
Are customer meters typically located at the curbstop or property line? <u>Average</u> length of customer service line:		Yes		ne, <u>beyond</u> the property e responsibility of the utility	v)
Average length of customer service line has been	set to zero an		of 10 has been applied	Special street and deline	···
Average operating pressure:	+ ? 7	90.4	psi		
0007 DATA					
COST DATA		#00 000 0==	00/		
Total annual cost of operating water system: Customer retail unit cost (applied to Apparent Losses):		\$93,369,870 \$7.18	\$/Year \$/1000 gallons (US)		
Variable production cost (applied to Real Losses):		\$312.04	. ,	stomer Retail Unit Cost to valu	ue real losses
WATER AUDIT DATA VALIDITY SCORE:					
,	** YOUR SCO	RE IS: 77 out of 100 **	*		
A weighted scale for the components of consur	mption and wate	r loss is included in the ca	Iculation of the Water Audit D	ata Validity Score	
PRIORITY AREAS FOR ATTENTION:					
Based on the information provided, audit accuracy can be improved by addres	sing the followin	ig components:			
1: Volume from own sources	]	• 1			
2: Variable production cost (applied to Real Losses)	i				
3: Billed metered	i				
	1				

# OPERATING INDICATORS BY FUNCTION SCHEDULE OF UNACCOUNTED FOR WATER (CONTINUED) DEPARTMENT OF WATER AND SEWERAGE SERVICES

June 30, 2018

<b>^</b>	AWWA Free Water Audit S	oftware:	WAS v5.0
	System Attributes and Performa	nce Indicators	American Water Works Association. Copyright © 2014, All Rights Reserved.
	Water Audit Report for: Metro Water Service Reporting Year: 2018 7/2017 - 6/2018		
System Attributes:	*** YOUR WATER AUDIT DATA VALIDITY SCORE	IS: 77 out of 100 ***	
	Apparent Losses:	516.952 N	NG/Yr
	+ Real Losses:	8,793.150 N	NG/Yr
	= Water Losses:	9,310.102	NG/Yr
	? Unavoidable Annual Real Losses (UARL):	1,529.60 N	IGNr
	Annual cost of Apparent Losses:	\$3,711,715	
	Annual cost of Real Losses:	\$2,743,771	Valued at Variable Production Cost
		R	teturn to Reporting Worksheet to change this assumption
Performance Indicators:			
	Non-revenue water as percent by volume of Water Supplied:	29.6%	
Financial	Non-revenue water as percent by cost of operating system:	7.0%	Real Losses valued at Variable Production Cost
	Apparent Laccac par contine composition par days	7.11	tallane/connection/day
	Apparent Losses per service connection per day:		allons/connection/day
Operational Efficiency:	Real Losses per service connection per day:	120.88 g	allons/connection/day
oporational Emotorioy.	Real Losses per length of main per day*:	N/A	
	Real Losses per service connection per day per psi pressure:	1.34 g	allons/connection/day/psi
	For the Continue Continue (Dulley (AAD))	0.700.45	299 He f
	From Above, Real Losses = Current Annual Real Losses (CARL):	8,793.15 N	nillion gallons/year
	? Infrastructure Leakage Index (ILI) [CARL/UARL]:	5.75	
* This performance indicator appli	es for systems with a low service connection density of less than 32	service connections/mile of	pipeline

# OPERATING INDICATORS BY FUNCTION SCHEDULE OF UTILITY RATES DEPARTMENT OF WATER AND SEWERAGE SERVICES

June 30, 2018

The rate structure is composed of a meter charge and a volume charge.

The Department had the following rate structure in effect at June 30, 2018:

				W	ater							S	ewer			
METER:																
Meter Size	Re	sidential		Small mmercial		rmediate nmercial	Со	Large mmercial	Re	sidential	C	Small ommercial		termediate ommercial	C	Large ommercial
5/8"	\$	3.13	\$	3.98	\$	13.85	\$	597.23	\$	7.62	\$	8.51	\$	27.89	\$	1,076.37
3/4"		10.62		11.32		19.64		603.59		21.63		24.22		39.55		1,088.01
1"		12.77		13.63		21.51		605.80		26.05		29.17		43.33		1,091.79
1 1/2"		18.77		20.03		26.71		611.60		38.29		42.89		53.81		1,102.25
2"		25.29		26.97		32.63		618.22		51.59		57.75		65.73		1,114.18
3"		33.38		35.61		40.84		624.04		68.04		76.21		82.26		1,124.65
4"		54.41		58.03		64.65		650.65		110.88		124.18		130.22		1,172.65
6"		85.42		91.12		99.81		689.96		174.12		195.01		201.05		1,243.48
8"		133.59		142.50		155.38		755.41		272.29		304.96		312.96		1,361.43
10"		133.59		142.50		155.38		755.41		272.29		304.96		312.96		1,361.43
VOLUME	:															
	Wa	ter usage	charge	es per 100	cubio	c feet			Sev	ver usage	charç	ges per 100	cubic	feet		
	(Fo	r usage ov	er 200	cubic fee	et)				(Fo	r usage o\	er 20	0 cubic feet	:)			
	\$	2.33	\$	2.48	\$	2.14	\$	1.81	\$	4.74	\$	5.30	\$	4.32	\$	3.26

### OPERATING INDICATORS BY FUNCTION SCHEDULE OF NUMBER OF CUSTOMERS DEPARTMENT OF WATER AND SEWERAGE SERVICES

June 30, 2018

	Residential	Commercial	Total
Water Customers	179,238	25,737	204,975
Sewer Customers	190,634	19,504	210,138
Total Customers	369,872	45,241	415,113

## CAPITAL ASSET STATISTICS BY FUNCTION LAST TEN FISCAL YEARS

Unaudited - See Accompanying Accountants' Report

	2009	2010	2011	2012
Governmental activities:				
General government:				
General government vehicles (1)	3,277	3,408	3,510	3,507
Law enforcement and care of prisoners:				
Sheriff inmate capacity - jails (5)	2,918	2,918	2,918	2,918
Sheriff inmate capacity - detention facility	1,092	1,092	1,092	1,092
Police stations	6	6	7	7
Fire prevention and control:				
Fire stations	41	41	38	38
Public library system:				
Libraries	24	24	24	24
Public works, highways and streets:				
Streets and roads (lane miles)	5,740	5,777	5,796	5,814
Recreational and cultural:				
Parks (number)	115	115	118	127
Parks (acreage)	10,713	10,876	11,131	12,554
Miles of completed greenways	37	46	47	51
Education:				
Schools (3)	132	138	137	136
School buses	646	673	725	697
Business-type activities:				
Department of Water and Sewerage Services:				
Water mains (miles)	2,873	2,878	2,912	2,886
Maximum daily water capacity (thousands of gallons)	180,000	180,000	180,000	180,000
Sewers (miles)	2,890	3,045	3,051	3,063
Maximum daily treatment capacity (thousands of gallons)	465,000	465,000	465,000	465,000
District Energy System:				
Steam:				
Maximum contract capacity (pounds per hour)	368,079	303,833	321,430	295,998
Percentage maximum contract capacity				
represented by customers	67.13%	80.66%	76.00%	73.16%
Chilled water:				
Maximum contract capacity (tons)	28,599	29,279	31,169	30,044
Percentage maximum contract capacity				
represented by customers (2)	86.30%	82.00%	77.00%	73.58%
Board of Fair Commissioners:				
Exhibition space (square footage)	126,600	126,600	120,919	115,459
Livestock barns (square footage)	50,400	50,400	50,400	50,400
Livestock show arena (square footage)	7,800	7,800	7,800	7,800
Component units:				
Music City Center:				
Exhibition space (square footage) (4)	-	-	-	-

Source: Department of Finance, Division of Accounts; Various departments of the Government

<sup>(1)</sup> General government vehicles include vehicles that are used in various other functions of the Government.

<sup>(2)</sup> District Energy System diversified capacity for chilled water after planned pump modification in 2010.

## CAPITAL ASSET STATISTICS BY FUNCTION LAST TEN FISCAL YEARS (CONTINUED)

Unaudited - See Accompanying Accountants' Report

2013	2014	2015	2016	2017	2018	
3,524	3,542	3,452	3,393	3,422	3,449	
2,918	2,918	2,918	2,918	2,111	2,111	
1,348	1,348	1,348	1,348	1,348	1,348	
7	7	8	8	8	8	
38	38	38	38	38	38	
24	23	23	22	22	22	
5,832	5,852	5,866	5,880	5,893	5,911	
126	126	132	185	185	175	
13,022	13,802	15,078	15,873	15,873	15,169	
55	79	82	85	85	89	
135	131	131	131	131	131	
751	721	831	820	828	733	
2,910	3,042	3,054	3,053	3,086	3,043	
180,000	180,000	180,000	180,000	180,000	180,000	
3,096	3,082	3,091	3,120	3,137	3,150	
483,000	510,000	510,000	510,000	510,000	510,000	
299,053	297,389	321,289	321,289	321,289	321,289	
85.14%	99.70%	93.20%	93.20%	93.20%	93.20%	
30,415	30,533	34,230	34,230	34,230	34,230	
84.47%	82.33%	88.70%	88.70%	88.70%	88.70%	
115,459	120,919	120,919	70,265	70,265	70,265	
50,400	50,400	50,400	50,400	50,400	50,400	
7,800	7,800	7,800	7,800	7,800	7,800	
-	350,000	350,000	350,000	350,000	350,000	

<sup>(3)</sup> Beginning in 2014, charter schools, academic academies and pre-k sites are included in total schools.

<sup>(4)</sup> The Music City Center opened in May 2013.

<sup>(5)</sup> Due to the closing of the Criminal Justice Center in 2017 for construction, jail capacity has decreased until the new facility is open.

