

## **DEBT SERVICE BUDGET**

Local governments traditionally issue debt to pay for capital projects for several reasons. First, the cost of these projects is normally too high to absorb into an annual budget. Second, due to inflationary increases, the cost of delaying a project until it can be financed on a pay-as-you-go basis can approach the costs of financing. Third, financing spreads the cost of the project to future populations who also benefit from the use of the facility or improvement paid for with the borrowed funds.

The revenue sources pledged to debt costs are diverse. There are two outstanding "general obligation" bond issues, which are funded through voter-approved property tax levies. Debt service issues from enterprise agencies pledge a specific unique source such as water and sewer charges, or airport rents and landing fees. The County has also issued long-term debt, which pledges other "non-ad valorem revenue" sources including sales taxes, state revenue sharing, interest earnings, and other miscellaneous fees and charges. The Courthouse Bonds utilize non-ad valorem revenue sources as the primary pledge.

The FY19 total net debt service budget is approximately \$703.6 million, which is 18% less than the modified FY18 debt service budget of \$858.3 million. The change in debt service is primarily due to the net \$86.4 million decrease in the Aviation debt service due to a decrease in reserves and an increase related to Series 2019 bonds that will be issued during FY19, and the \$70.2 million decrease in debt service attributable to the refunding of the 2005 Loan Pool and 2010 Courthouse Bonds. The remaining variances in debt service budgets reflect programmed changes in debt service schedules.

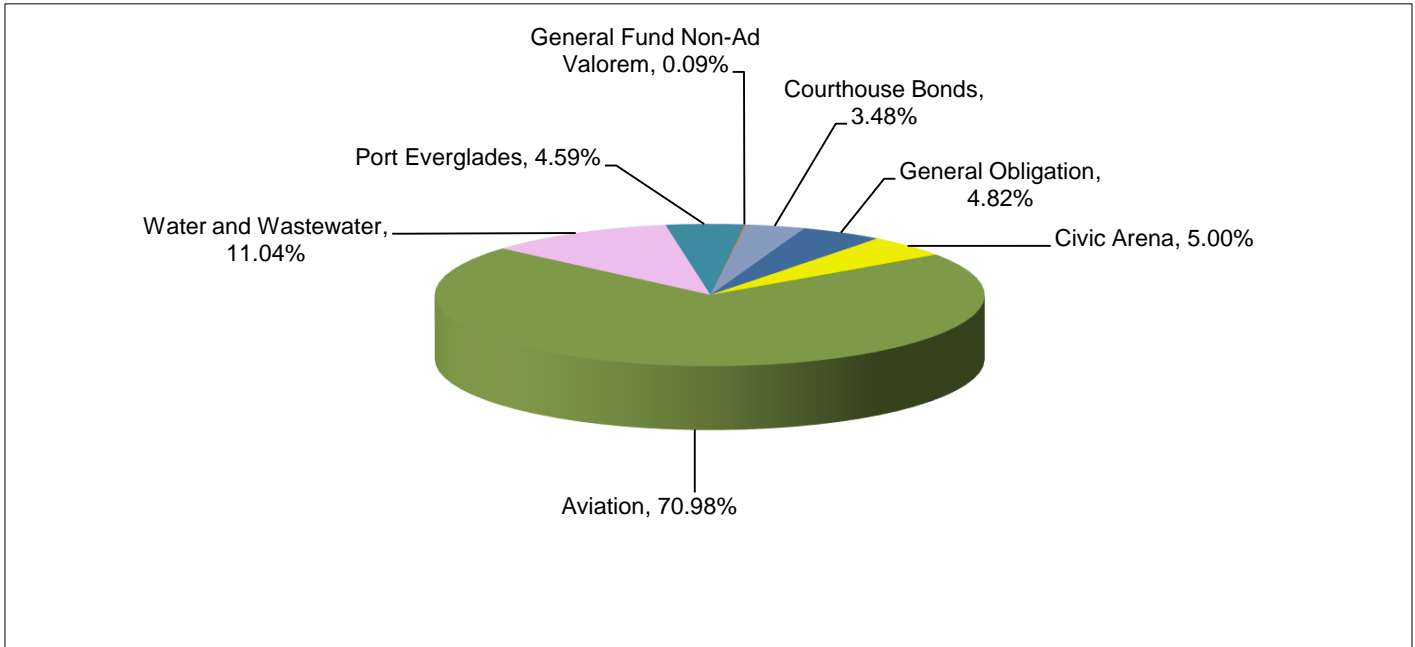
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**DEBT SERVICE FUND SUMMARY**

<b><u>GENERAL DEBT SERVICE</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>
	<b><u>Modified</u></b>	
2007A Libraries General Obligation Refunding Bonds	11,950,250	11,950,880
2007B/2012 Parks/Land Preservation General Obligation Refunding Bonds	22,905,300	22,905,380
2005 Loan Pool and 2018 Refunding Revenue Note	5,836,480	608,400
2006B and 2016 Civic Arena Refunding Bonds	33,268,420	36,130,530
2010 and 2017A Courthouse Refunding Bonds	<u>90,193,120</u>	<u>25,173,390</u>
 <b>Subtotal General Debt Service</b>	 <b><u>164,153,570</u></b>	 <b><u>96,768,580</u></b>
 Less Transfers	 (16,641,890)	 (19,500,210)
 <b>Total General Debt Service (Net of Transfers)</b>	 <b>147,511,680</b>	 <b>77,268,370</b>
 <b><u>ENTERPRISE DEBT SERVICE</u></b>		
 Aviation Bonds	 599,597,130	 513,277,940
Port Everglades Bonds	31,658,380	33,223,340
Water and Wastewater Bonds	<u>79,537,270</u>	<u>79,821,750</u>
 <b>Subtotal Enterprise Debt Service</b>	 <b><u>710,792,780</u></b>	 <b><u>626,323,030</u></b>
 <b>Total All Debt Funds (Including Transfers)</b>	 <b>\$874,946,350</b>	 <b>\$723,091,610</b>
 Less Transfers	 (16,641,890)	 (19,500,210)
 <b>TOTAL DEBT SERVICE (Net of Transfers)</b>	 <b><u>\$858,304,460</u></b>	 <b><u>\$703,591,400</u></b>

**OVERVIEW OF FY19 DEBT SERVICE APPROPRIATIONS**



	<u>FY19 Debt Service</u>	<u>FY19 Reserves</u>	<u>FY19 Transfers</u>	<u>FY19 Total</u>
2007A Libraries GO Refunding Bonds	11,950,880	0	0	11,950,880
2007B/2012 Parks/Land Pres. GO Ref. Bonds	22,905,380	0	0	22,905,380
2005 Loan Pool and 2018 Refunding Rev. Note	608,400	0	0	608,400
2006B and 2016 Civic Arena Refunding Bonds	12,630,320	4,000,000	19,500,210	36,130,530
2010 and 2017A Courthouse Refunding Bonds	14,603,700	10,569,690	0	25,173,390
Aviation Bonds	182,167,900	331,110,040	0	513,277,940
Port Everglades Bonds	22,896,350	10,326,990	0	33,223,340
Water and Wastewater Bonds	36,142,400	43,679,350	0	79,821,750
<b>TOTAL DEBT SERVICE</b>	<b><u>\$303,905,330</u></b>	<b><u>\$399,686,070</u></b>	<b><u>\$19,500,210</u></b>	<b><u>\$723,091,610</u></b>

FY19 DEBT SERVICE REVENUE SUMMARY

	<u>Total</u>	<u>Taxes</u>	<u>Charges</u>
<b>GENERAL DEBT SERVICE</b>			
2007A Libraries GO Refunding Bonds	11,950,880	12,334,000	0
2007B/2012 Parks/Land Pres. GO Ref. Bonds	22,905,380	23,625,970	0
2005 Loan Pool and 2018 Refunding Rev. Note	608,400	0	0
2006B and 2016 Civic Arena Refunding Bonds	36,130,530	0	0
2010 and 2017A Courthouse Refunding Bonds	25,173,390	0	0
<b>Total General Debt Service</b>	<b><u>\$96,768,580</u></b>	<b><u>\$35,959,970</u></b>	<b><u>\$0</u></b>
<b>ENTERPRISE DEBT SERVICE</b>			
Aviation	513,277,940	0	121,687,000
Port Everglades	33,223,340	0	23,755,160
Water and Wastewater	79,821,750	0	34,870,730
<b>Total Enterprise Debt Service</b>	<b><u>\$626,323,030</u></b>	<b><u>\$0</u></b>	<b><u>\$180,312,890</u></b>
<b>TOTAL DEBT SERVICE</b>	<b><u>\$723,091,610</u></b>	<b><u>\$35,959,970</u></b>	<b><u>\$180,312,890</u></b>

**FY19 DEBT SERVICE REVENUE SUMMARY (continued)**

<u>Other</u>	<u>Less 5%</u>	<u>Transfers</u>	<u>Fund Balance</u>
35,350	(618,470)	0	200,000
63,900	(1,184,490)	0	400,000
608,400	0	0	0
2,685,320	(134,270)	28,379,480	5,200,000
2,707,370	0	12,105,250	10,360,770
<u>\$6,100,340</u>	<u>(\$1,937,230)</u>	<u>\$40,484,730</u>	<u>\$16,160,770</u>
48,627,460	(171,570)	0	343,135,050
346,260	(1,205,070)	0	10,326,990
1,338,600	(66,930)	0	43,679,350
<u>\$50,312,320</u>	<u>(\$1,443,570)</u>	<u>\$0</u>	<u>\$397,141,390</u>
<u>\$56,412,660</u>	<u>(\$3,380,800)</u>	<u>\$40,484,730</u>	<u>\$413,302,160</u>

As seen in the following charts, Broward County continues to maintain favorable General Obligation Debt ratios.

**BONDED DEBT PER CAPITA (as of October 1st)**

<u>Fiscal Year</u>	<u>General Obligation Debt</u>	<u>Population</u>	<u>General Obligation Debt Per Capita</u>
1999	314,655,000	1,579,359	199.23
2000	292,880,000	1,623,018	180.45
2001	405,175,000	1,653,520	245.04
2002	368,200,000	1,678,572	219.35
2003	334,095,000	1,701,251	196.38
2004	492,140,000	1,722,430	285.72
2005	611,605,000	1,742,157	351.06
2006	577,775,000	1,747,655	330.60
2007	535,920,000	1,741,657	307.71
2008	493,615,000	1,739,708	283.73
2009	446,330,000	1,738,093	256.79
2010	393,665,000	1,748,066	225.20
2011	356,215,000	1,753,162	203.18
2012	328,500,000	1,771,099	185.48
2013	308,390,000	1,783,773	172.89
2014	287,335,000	1,790,952	160.44
2015	265,235,000	1,784,715	148.61
2016	242,025,000	1,803,903	134.17
2017	217,640,000	1,827,367	119.10
2018	193,155,000	1,883,695	102.54
2019	167,575,000	1,921,018	87.23

**RATIO OF BONDED DEBT TO ASSESSED VALUE**

<u>Fiscal Year</u>	<u>General Obligation Debt</u>	<u>Assessed Value</u>	<u>Ratio Debt/ Property Value</u>
1999	314,655,000	64,855,561,395	0.49%
2000	292,880,000	69,579,998,090	0.42%
2001	405,175,000	74,984,033,876	0.54%
2002	368,200,000	81,987,370,728	0.45%
2003	334,095,000	91,014,603,162	0.37%
2004	492,140,000	101,709,083,191	0.48%
2005	611,605,000	113,935,918,177	0.54%
2006	577,775,000	132,000,679,684	0.44%
2007	535,920,000	157,396,026,036	0.34%
2008	493,615,000	175,937,539,663	0.28%
2009	446,330,000	166,433,893,384	0.27%
2010	393,665,000	148,810,509,176	0.26%
2011	356,215,000	129,964,271,186	0.27%
2012	328,500,000	126,414,014,099	0.26%
2013	308,390,000	127,087,774,573	0.24%
2014	287,335,000	132,105,781,266	0.22%
2015	265,235,000	140,996,733,219	0.19%
2016	242,025,000	150,678,233,275	0.16%
2017	217,640,000	162,958,452,859	0.13%
2018	193,155,000	177,301,192,592	0.11%
2019	167,575,000	189,462,414,522	0.09%

**Libraries 2007A**  
**General Obligation Refunding Bonds**

**DESCRIPTION OF DEBT SERVICE:**

To refinance a portion of the Series 2001A General Obligation Bonds, which provided funding to construct, renovate, improve, and equip new and expanded libraries. The debt service costs for those projects are supported with ad valorem taxes and interest income.

<b>REVENUES:</b>	<b>FY17 <u>Actual</u></b>	<b>FY18 <u>Budget</u></b>	<b>FY19 <u>Budget</u></b>
Ad Valorem Taxes	11,896,440	12,570,210	12,334,000
Interest Income	8,703	9,000	35,350
Less 5%	0	(628,960)	(618,470)
Fund Balance	213,000	0	200,000
<b>Total</b>	<b>12,118,143</b>	<b>11,950,250</b>	<b>11,950,880</b>

**APPROPRIATIONS:**

Principal	9,540,000	10,030,000	10,545,000
Interest	2,404,500	1,915,250	1,400,880
Other Costs	1,150	5,000	5,000
<b>Total</b>	<b>11,945,650</b>	<b>11,950,250</b>	<b>11,950,880</b>

**DEBT SERVICE HIGHLIGHTS:**

- County voters authorized issuance of \$139.9 million in General Obligation Bonds in March 1999 to construct, renovate, improve, and equip libraries countywide. Bonds were issued in 2001.
- A portion of the 2001A General Obligation Bonds were refunded in May 2007. The refunding generated savings of more than \$4 million over the original debt.
- The refunded rate is 5.3 percent, and interest payments are scheduled semi-annually in January and July.
- The Series 2001A bonds were repaid in fiscal year 2012, leaving remaining payments on the Series 2007A bonds.
- The debt will be completed in fiscal year 2021.

**Parks and Land Preservation  
Series 2007B and 2012  
General Obligation Refunding Bonds**

**DESCRIPTION OF DEBT SERVICE:**

These Bonds provided funding to purchase and restore various forms of environmentally sensitive lands, and for the renovation and expansion of Broward County regional and neighborhood parks. The debt service costs are funded by ad valorem taxes and interest income.

<b>REVENUES:</b>	<b>FY17 <u>Actual</u></b>	<b>FY18 <u>Budget</u></b>	<b>FY19 <u>Budget</u></b>
Ad Valorem Taxes	22,865,369	24,077,950	23,625,970
Interest Income	26,706	32,890	63,900
Less 5%	0	(1,205,540)	(1,184,490)
Fund Balance	363,000	0	400,000
<b>Total</b>	<b>23,255,075</b>	<b>22,905,300</b>	<b>22,905,380</b>

**APPROPRIATIONS:**

Principal	14,945,000	15,550,000	16,180,000
Interest	7,950,700	7,350,300	6,720,380
Other Costs	3,450	5,000	5,000
<b>Total</b>	<b>22,899,150</b>	<b>22,905,300</b>	<b>22,905,380</b>

**DEBT SERVICE HIGHLIGHTS:**

- County voters authorized the issuance of General Obligation Bonds in November 2000 for parks projects and land acquisitions not to exceed \$400 million. Up to \$200 million was approved for land acquisition and up to \$200 million was approved for park system expansion and improvements.
- In 2004, \$187,770,000 was issued for 20 years. In 2005, \$154,135,000 was issued for 20 years, for a total of \$341,905,000 of debt. The bond issue was reduced from the \$400 million authorized by voters due to the accrual of tax dollars, which occurred in the period after the voter approval and before the debt was issued.
- A portion of the Series 2004 Parks and Land Preservation General Obligation Bonds was refunded in FY07, yielding a savings exceeding \$2.6 million over the term of the loan. Interest rates of the refunded series range between 4.1 and 4.2 percent.
- The Series 2004 bonds were fully refunded in fiscal year 2012 and the Series 2005 bonds were repaid in fiscal year 2016, leaving remaining payments on the Series 2007B and 2012 bonds.
- A portion of the Series 2004 and 2005 Parks and Land Preservation General Obligation Bonds was refunded in FY12, yielding a present value savings of \$11.4 million over the term of the loan. Interest rates of the refunded Series range between 2 and 5 percent. Payments are scheduled semi-annually in January and July. The debt will be completed in fiscal year 2025.



**2005 Loan Pool and Series 2018 Refunding  
Revenue Note**

**DESCRIPTION OF DEBT SERVICE:**

To refinance a portion of the 2000 loan attributable to the completion debt for the Civic Arena Project. The cost is entirely supported by payments from the Broward County Civic Arena. In 2018, Series 2018 Refunding Revenue Note was issued to refund the remaining portion of the Series 2005B bonds.

	<b><u>FY17</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>
	<b><u>Actual</u></b>	<b><u>Modified</u></b>	<b><u>Budget</u></b>
<b>REVENUES:</b>		<b><u>Budget</u></b>	
Interest Income	93	0	0
Reimbursement from Arena Operator	624,233	621,480	608,400
Transfer from Arena Debt Service Fund	10,000	15,000	0
Loans Issued	0	5,200,000	0
<b>Total</b>	<b>634,326</b>	<b>5,836,480</b>	<b>608,400</b>

**APPROPRIATIONS:**

Principal	335,000	350,000	420,000
Interest	289,233	271,480	183,400
Other Costs	13,701	15,000	5,000
Bond Issuance Costs	0	40,350	0
Payment to Refunded Bond Escrow Agent	0	5,159,650	0
<b>Total</b>	<b>637,934</b>	<b>5,836,480</b>	<b>608,400</b>

**DEBT SERVICE HIGHLIGHTS:**

- The Florida Panthers are obligated by various agreements to pay the debt service associated with this borrowing.
- The portion of the original 2000 Loan attributable to the completion debt for cost increases on the Broward County Civic Arena was refunded in FY05. Refunding has yielded savings of \$482,000 over the previous loan.
- Interest paid on the refunding averages 5 percent.
- The remaining portions of the 2005B Series bonds were refunded in fiscal year 2018, providing an average annual savings of \$33,250, for a total savings of approximately \$365,730. The Refunding Revenue Note interest rate is 3.7% and the payments are made semi-annually in March and September.
- Payments will be concluded in fiscal year 2028.

**Series 2006B and 2016 Civic Arena  
Refunding Bonds**

**DESCRIPTION OF DEBT SERVICE:**

To refinance the 1996 Broward County Civic Arena Bonds. The 2006 Civic Arena Refunding Bonds are primarily payable from the Professional Sports Franchise Facilities Taxes, the Professional Sports Franchise Sales Tax Rebate, a portion of the County's share of arena operating income, and investment earnings. These bonds are backed by a secondary pledge of County non-ad valorem revenues to cover debt service shortfalls if necessary. In 2017, 2016 Series Refunding Bonds were issued to refund the remaining portions of the 2006A Series Bonds.

<b>REVENUES:</b>	<b>FY17 <u>Actual</u></b>	<b>FY18 <u>Budget</u></b>	<b>FY19 <u>Budget</u></b>
Interest Income	35,557	60,000	60,000
Reimbursement from Arena Operator	2,062,794	2,621,530	2,625,320
Less 5%	0	(134,080)	(134,270)
Bond Issued - Refunding	71,990,000	0	0
Premiums on Bonds Issued	11,813,227	0	0
Transfer from Two Cent Tourist Tax Revenue Fund	27,034,807	25,320,970	28,379,480
Fund Balance	6,934,000	5,400,000	5,200,000
<b>Total</b>	<b>119,870,385</b>	<b>33,268,420</b>	<b>36,130,530</b>

**APPROPRIATIONS:**

Principal	6,835,000	7,295,000	7,685,000
Interest	5,227,794	5,326,530	4,940,320
Other Costs	3,500	5,000	5,000
Bond Issuance Costs	688,687	0	0
Payment to Refunded Bond Escrow Agent	83,908,633	0	0
Transfer to Convention and Visitor's Bureau	16,728,080	16,626,890	19,500,210
Transfer to 2005 Loan Pool	10,000	15,000	0
Reserve for Arena Trustee	0	4,000,000	4,000,000
<b>Total</b>	<b>113,401,694</b>	<b>33,268,420</b>	<b>36,130,530</b>

**DEBT SERVICE HIGHLIGHTS:**

- The Civic Arena is a multi-purpose sports and entertainment facility, which serves as the home ice of the Florida Panthers Hockey Club (a National Hockey League franchise).
- The Civic Arena Bonds are secured with two primary pledged revenue sources. The Professional Sports Franchise Facilities Tax is a two percent transient lodging tax ("Bed Tax") imposed on the same base as Tourist Development Taxes. The Professional Sports Franchise Sales Tax Rebate consists of \$2 million received annually from the Florida Department of Revenue for facilities associated with new professional sport franchises. These two revenues are transferred from the Two Cent Tourist Tax Revenue Fund.
- Surplus two cent tourist taxes are transferred to the Convention and Visitor's Bureau Fund for marketing the destination in accordance with Florida Statutes.
- The remaining portions of the 2006A Series bonds were refunded in fiscal year 2017, providing an average annual savings of approximately \$1.4 million, for a total savings of approximately \$14.7 million.
- The interest rates range between 0.9 and 6 percent with payments scheduled semi-annually in March and September. Payments will be concluded in fiscal year 2028.

**Series 2010 and 2017A Courthouse Refunding  
Bonds**

**DESCRIPTION OF DEBT SERVICE:**

To provide financing for the construction of a replacement Courthouse. Half-cent sales tax revenues are pledged for the repayment of these bonds.

	<b><u>FY17</u></b> <b><u>Actual</u></b>	<b><u>FY18</u></b> <b><u>Modified</u></b> <b><u>Budget</u></b>	<b><u>FY19</u></b> <b><u>Budget</u></b>
<b>REVENUES:</b>			
Interest Income	23,199	0	0
Annual Rebates from the Federal Government	2,707,367	2,697,150	2,707,370
Transfer from General Fund	10,859,730	9,899,890	8,800,000
Transfer from Court Facility Fee Fund	2,377,860	3,433,080	3,305,250
Bond Issued - Refunding	0	63,985,000	0
Fund Balance	9,983,000	10,178,000	10,360,770
<b>Total</b>	<b>25,951,156</b>	<b>90,193,120</b>	<b>25,173,390</b>

**APPROPRIATIONS:**

Principal	4,165,000	4,470,000	4,795,000
Interest	11,544,528	10,593,403	9,802,700
Other Costs	3,450	6,000	6,000
Bond Issuance Costs	0	188,275	0
Payment to Refunded Bond Escrow Agent	0	64,531,982	0
Reserve Trustee Debt Service Payment	0	10,403,460	10,569,690
<b>Total</b>	<b>15,712,978</b>	<b>90,193,120</b>	<b>25,173,390</b>

**DEBT SERVICE HIGHLIGHTS:**

- The County issued \$218 million in revenue bonds in June 2010. The bonds will be retired in October 2040.
- Interest payments are paid semi-annually in October and April and are based on interest rates ranging from 2.6 to 6.6 percent.
- The 2010 Courthouse Bonds were issued to complete the funding package for the replacement of the outdated central and west wings of the existing main courthouse. The bonds are supplementing existing funds from the General Capital Outlay Fund. The total cost of the replacement courthouse and parking garages is projected at \$319 million.
- This debt service is funded with transfers from the General Fund, the Court Facility Fee Fund, and annual rebates from the federal government.
- A portion of the 2010A Series bonds was refunded in fiscal year 2018, providing an average annual savings of approximately \$1 million, for a total savings of approximately \$20 million.

**DESCRIPTION OF DEBT SERVICE:**

To provide funds for the expansion and improvement of airport facilities, runways, and land at the Fort Lauderdale/Hollywood International Airport.

<b>REVENUES:</b>	<b>FY17 Actual</b>	<b>FY18 Budget</b>	<b>FY19 Budget</b>
Passenger Facility Charges	34,892,742	34,891,970	25,899,960
State Grants	11,438,227	0	0
Federal Grants	18,000,000	0	0
Loans Issued	0	51,822,000	45,196,100
Interest Earnings	1,790,788	4,131,830	3,431,360
Less 5%	0	(206,590)	(171,570)
Operating Revenue	69,281,337	95,773,980	95,787,040
Fund Balance	0	413,183,940	343,135,050
<b>Total</b>	<b>135,403,094</b>	<b>599,597,130</b>	<b>513,277,940</b>

**APPROPRIATIONS:**

Interest	73,417,248	106,151,780	112,481,600
Principal	53,840,000	63,620,000	67,010,000
Other Debt Service Costs	0	3,737,490	2,676,300
Reserve for Future Debt Service Payments <sup>1</sup>	0	276,768,740	160,811,010
Debt Service Reserve	0	149,319,120	170,299,030
<b>Total</b>	<b>127,257,248</b>	<b>599,597,130</b>	<b>513,277,940</b>

<sup>1</sup> This represents funding for future principal and interest payable on Airport System Revenue Bonds issued for the South Runway Expansion project and capitalized interest payments for the Series 2017 and Series 2019 Bonds.

**DEBT SERVICE HIGHLIGHTS:**

- The total amount of outstanding debt as of FY18 is \$2,090,715,000 (based on current debt).
- The increase in budgeted interest and other debt service costs for FY19 relates to the Series 2019 to be issued during FY19.
- The decrease in the Reserve for Future Debt Service Payments is due to planned reductions in this reserve, as funds set aside for this purpose are used to make debt service payments.
- The increase in the budgeted Debt Service Reserve is primarily due to the increased reserve requirement associated with the anticipated 2019 bond issuance.
- The "Loans Issued" budgeted in FY19 (\$45,196,100) is for bond issuance costs and an increase in required bond reserves.

- Airport System Revenue Refunding Bonds, Series 2009O refunded the outstanding debt on Series 2008N. Interest paid on the Series O bonds ranges from 2 percent to 5.4 percent. Principal and interest payments for Series O will be paid from airport system revenues and continue until calendar year 2029.
  
- Airport System Revenue Bonds, Series 2012P refunded the outstanding debt on the following bond series, resulting in net present value savings of approximately \$39.9 million over 15 years:
  - Airport System Revenue Refunding Bonds, Series 1998E, issued for \$75.6 million, which defeased the outstanding debt of Series B
  - Airport System Revenue Bonds, Series 1998G issued for \$63.5 million
  - Airport System Revenue Bonds, Series 2001J1 (taxable) issued for \$136 million
  - Passenger Facility Charge/Airport System Revenue Convertible Lien Bonds, Series 1998H issued for \$126.6 million
  - Passenger Facility Charge/Airport System Revenue Convertible Lien Bonds, Series 2001I issued for \$41.9 million
  - Part of Airport System Revenue Bonds, Series 2004L issued for \$142 million
  - Interest paid on the Series P bonds ranges from 3 percent to 5 percent. Principal and interest payments continue until calendar year 2026.
  
- Airport System Revenue Bonds, Series 2012Q provided \$621.3 million toward the South Runway Expansion project, terminal renovations, ground transportation facilities, maintenance building, utilities, taxiway repairs, and land acquisition. Interest paid on the Series Q bonds ranges from 3 percent to 5 percent. Principal and interest payments continue until calendar year 2042.
  
- Airport System Revenue Bonds, Series 2013A-B-C provided \$431.7 million for the balance of the runway 9R/27L project, Terminal 4 (Concourse G and ramp), Terminal 1 (Concourse A), terminal renovations, and ground transportation land and facilities. Interest paid on the Series A-B-C bonds ranges from 1.3 percent to 5.5 percent. Principal and interest payments continue until calendar year 2043.
  
- Airport System Revenue Bonds, Series 2015A-B provided \$418 million toward Terminal 4 (Concourse G and the Federal Inspection Services [FIS]), terminal renovations, Concourse A (T-1), ground transportation facilities, utilities, public safety facility, rehabilitation of the Rental Car Center/garages, and terminal roadways. Principal and interest payments continue until calendar year 2045.
  
- Airport System Revenue Bonds, Series 2015C refunded the outstanding remaining debt on the Airport System Revenue Bonds, Series 2004L, resulting in net present value savings of approximately \$8.3 million. Interest paid on the Series 2015C bonds ranges from 2 percent to 5 percent. Principal and interest payments continue until calendar year 2025, two years earlier than the Series 2004L that was refunded.
  
- Airport System Revenue Bonds, Series 2017 provided \$300 million toward terminal renovations, Concourse A (T-1), Concourse G (T-4), FIS (T-4), and design for additional gates and terminal connectors. Principal and interest payments are expected to continue until calendar year 2047.
  
- Airport System Revenue Bonds, Series 2019 will provide approximately \$360 million toward terminal renovations, Concourse G (T-4), FIS (T-4), terminal connectors, gate expansion and major equipment replacement. Principal and interest payments are expected to continue until calendar year 2048.
  
- The Aviation Department anticipates future financing of approximately \$300 million in FY21 for terminal renovations, terminal connectors, utilities, additional gates, passenger screening lanes and architectural services for Master Plan projects.

**DESCRIPTION OF DEBT SERVICE:**

Debt issues provide funds for the expansion and improvement of Port facilities and defeasance of prior bond issues. Debt service is funded from Port revenues.

<b>REVENUES:</b>	<b>FY17 <u>Actual</u></b>	<b>FY18 <u>Budget</u></b>	<b>FY19 <u>Budget</u></b>
Operating Revenues	21,347,781	32,935,130	23,755,160
Interest Income	215,634	389,480	346,260
Less 5%	0	(1,666,230)	(1,205,070)
Fund Balance	0	0	10,326,990
<b>Total</b>	<b>21,563,415</b>	<b>31,658,380</b>	<b>33,223,340</b>

**APPROPRIATIONS:**

Principal	13,020,000	13,645,000	14,320,000
Interest	8,167,050	7,332,980	8,195,150
Other Debt Service Costs	376,365	353,410	381,200
Reserves	0	10,326,990	10,326,990
<b>Total</b>	<b>21,563,415</b>	<b>31,658,380</b>	<b>33,223,340</b>

**DEBT SERVICE HIGHLIGHTS:**

- The Port Facilities Refunding Revenue Bonds, Series 2008 were issued in the amount of \$46,160,000 to refund the outstanding Subordinate Port Facilities Refunding Revenue Bonds, Series 1998 with an outstanding principal of \$43,160,000, to fund a deposit to the Debt Service Reserve Fund, and to pay a portion of the termination payment related to the termination of the 1998 Interest Rate Swap. Interest paid on the Series 2008 bonds is a 3.6 percent synthetic fixed rate per the interest rate swap agreement. The Series 2008 bonds are due to retire in fiscal year 2027.
- The Port Facilities Revenue Bonds, Series 2009A (Non-AMT) (the "Series 2009 Bonds") were issued by the County to fund the Terminal 18 expansion project and miscellaneous infrastructure improvements throughout the Port. The issue amount was \$83,235,000. Interest paid on the Series 2009 bonds ranges from 3 percent to 6 percent. The Series 2009 bonds are due to retire in fiscal year 2029.
- The Port Facilities Refunding Bonds, Series 2011A (the "Series 2011A Bonds") in the amount of \$12,370,000; Port Facilities Refunding Bonds, Series 2011B (the "Series 2011B Bonds") in the amount of \$100,695,000; and Port Facilities Refunding Bonds Series 2011C (the "Series 2011C Bonds") in the amount of \$54,195,000 (collectively, the "Series 2011 Bonds") were issued to (i) refund and defease all or a portion of the Series 1998B, 1998C, and Series 1989A Bonds, (ii) fund the cost of a municipal bond debt service reserve insurance policy, and (iii) pay certain costs of issuance and expenses relating to the Series 2011 Bonds, including the premium for a municipal bond insurance policy. Interest paid on the Series 2011 bonds ranges from 1.1 percent to 5 percent. The Series 2011 bonds are due to retire in fiscal year 2027.
- In fiscal year 2016, the repayment of Series 2011C bonds occurred.

**Water & Wastewater Debt Service**

**DESCRIPTION OF DEBT SERVICE:**

To provide funds for the expansion and improvement of water and wastewater facilities. Debt service is supported by the net revenue of the water and wastewater fund, which includes user charges and interest income.

<b>REVENUES:</b>	<b>FY17 <u>Actual</u></b>	<b>FY18 <u>Budget</u></b>	<b>FY19 <u>Budget</u></b>
Operating Charges	35,116,074	35,405,740	34,870,730
Interest Income	1,007,780	776,400	1,338,600
Less 5%	0	(38,820)	(66,930)
Fund Balance	42,952,050	43,393,950	43,679,350
<b>Total</b>	<b>79,075,904</b>	<b>79,537,270</b>	<b>79,821,750</b>

**APPROPRIATIONS:**

Principal	14,340,000	14,635,000	15,205,000
Interest	21,739,379	21,442,320	20,871,400
Other Costs	44,475	66,000	66,000
Reserves	0	43,393,950	43,679,350
<b>Total</b>	<b>36,123,854</b>	<b>79,537,270</b>	<b>79,821,750</b>

**DEBT SERVICE HIGHLIGHTS:**

The Water and Wastewater debt service budget includes debt service payments for the following bond issues:

- The Series 2009A Bonds totaling \$5,255,000 are comprised of Revenue Bonds due serially on October 1, from 2019 to 2021 with interest at 2.5 percent to 4 percent.
- The Series 2012A Bonds totaling \$130,405,000 are comprised of \$41,075,000 of Revenue Bonds due serially on October 1, from 2019 to 2033 with interest at 1 percent to 5 percent, and \$89,330,000 of Term Bonds due on October 1, from 2034 to 2037 with interest at 5 percent.
- The Series 2012B Bonds totaling \$110,920,000 are comprised of Revenue Bonds due serially on October 1, from 2019 to 2027 with interest at 4 percent to 5 percent.
- The Series 2015A Bonds totaling \$42,255,000 were issued to refund the 2005 Bonds and are comprised of Revenue Bonds due serially on October 1, from 2028 to 2030 with interest at 5 percent.
- The Series 2015B Bonds totaling \$157,555,000 were issued to refund a portion of the 2009A Bonds and are comprised of Revenue Bonds due serially on October 1, from 2021 to 2034 with interest at 3 percent to 5 percent.