Los Angeles Unified School District Debt Report Fiscal Year 2014-15



Megan K. Reilly Chief Financial Officer May 10, 2016

LOS ANGELES UNIFIED SCHOOL DISTRICT

Office of the Chief Financial Officer

MICHELLE KING Superintendent of Schools



MEGAN K. REILLY Chief Financial Officer

A Message to the Board of Education of the Los Angeles Unified School District and the District's Taxpayers

I present to you the report of the Los Angeles Unified School District's long-term debt (the "Debt Report"). Sometimes referred to as "bonded indebtedness", long-term debt is typically used to finance capital projects with a long useful life. Issuing debt to pay for long-term assets is based upon the principle of matching the cost of acquiring the asset to the time period that taxpayers and the general community utilize those assets. The District strives to achieve an equitable balance between the debt burden to the community and the time frame over which the assets are to be used.

The vast majority of the District's capital projects fall within the new construction, modernization, technology and safety programs being financed with \$20.605 billion of voter-approved General Obligation Bonds (GOs). The District also receives some State matching funds and other revenue sources to finance part of the GO bond program's projects. A relatively small number of projects are being financed with Certificates of Participation (COPs) that are repaid from the General Fund and developer fees.

This report uses the words "bonds" and "debt" interchangeably, even when the underlying obligation does not technically constitute "debt" under California's Constitution. This conforms with market convention for the general use of the term "debt" and "debt service" as applied to a variety of instruments in the municipal market, regardless of their precise legal status. The rating agencies and investor community evaluate the District's debt position based on all of its outstanding obligations whether or not such obligations are "debt" as defined within the California Constitution context.

The District has a comprehensive Debt Management Policy designed to assure the District follows best practices when debt is issued. A copy of the Debt Management Policy appears as Appendix 5 to this Debt Report.

This Debt Report presents a complete picture of the District's indebtedness in the categories of General Obligation Bonds and Certificates of Participation.

General Obligation Bonds represent debt that is paid from voter approved *ad valorem* property taxes that are levied and collected by the County of Los Angeles. The proceeds of such *ad valorem* property tax levies are neither received by nor under the control of the District. The District's taxpayers have shown strong commitment to the District's capital program by approving five General Obligation Bond authorizations since 1997, with each successive authorization being the largest school district measure of its kind at the time. A top priority of the District is to manage the issuance of these bonds in a manner that

¹ "Debt" under the California Constitution excludes short-term obligations such as tax and revenue anticipation notes and lease transactions such as COPs.

minimizes the tax rates paid by our taxpayers, which the District believes it has accomplished, as more fully detailed in this Debt Report.

COPs represent debt that is paid from revenues under the District's control, such as General Fund revenues and developer fees. To assure that issuance of such debt is undertaken in a prudent manner that protects the District's instructional programs and operations, the Board of Education has adopted a Debt Management Policy that prescribes limits to the amount and type of COPs indebtedness that may be undertaken. This Debt Report provides a discussion of the District's COPs debt performance, which is in compliance with policy limitations.

Both General Obligation Bonds and COPs are considered "direct debt" of the District and are also included in the measurement of "overall direct debt" issued by all local public agencies within the District's boundaries. It is important to monitor the levels and growth of direct debt and overall direct debt as they reflect the debt burden borne by our taxpayers and provide perspective on taxpayers' capacity for future additional debt. The Debt Management Policy sets forth various municipal market debt ratios and benchmarks against which the District measures and compares its debt burden. This Debt Report provides a summary of the District's direct debt performance in this regard.

When debt is issued, independent credit rating agencies selected by the District assign a rating to the issue. Historically, the District's credit ratings on its GOs and COPs have been directly related to the financial condition and fiscal management of the District. As of June 30, 2015, the District's current General Obligation Bond ratings were Aa2 by Moody's Investors Service and AA- by Standard & Poor's and reflect high quality investment grade status. We note that following a legislative change that went into effect on January 1, 2016, certain rating agencies' methodologies on California school district GOs changed as more fully discussed in Section IV. The ratings assigned to the District's General Obligation Bonds and COPs affect its interest payments and the cost to the District's general obligation taxpayers, the General Fund and the Capital Facilities Fund (i.e. developer fees), as applicable. In addition, the fiscal health of the State has also affected the District's interest costs. When the State's credit quality declined and its interest rates rose relative to market indices during the financial crisis and recession, while not as dramatic, the interest costs of other issuers viewed as "agencies" of the State, including the District were also negatively impacted. Alternatively, as the State's credit has improved, the interest costs of "agencies" of the State have been positively impacted. A history of the District's credit ratings is provided in this Debt Report.

I hope that the information in this Debt Report can be used to support development of sound capital plans and adherence to the District's finance and debt policies. I look forward to working with you in pursuing such capital plans, as they provide critical guidance for the protection of the District's infrastructure and assets. Together with sound capital planning, the District's debt and finance policies secure the District's fiscal strength in the years ahead.

If you have any questions or comments regarding this Debt Report, please contact my office at (213) 241-7888. Your input is important to us and would be greatly appreciated.

Sincerely,

Megan K. Reilly Chief Financial Officer

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SECTION I: GENERAL OBLIGATION BOND DEBT

A. District's Bonded Debt Limitation and Assessed Valuation Growth

In accordance with Education Code Section 15106, the District's bonded debt limitation (also known as general obligation bonding capacity) equals 2.5% of the value of taxable property (i.e., assessed valuation) in the District. For Fiscal Year 2014-15, total assessed valuation in the District was \$532.9 billion¹, resulting in a bonded debt limitation of \$13.3 billion. Table 1 presents the District's maximum debt limit versus outstanding debt as of June 30, 2015. The difference is the "Legal Debt Margin."

Table 1 Bonded Debt Limitation and Legal Debt Margin As of June 30, 2015 (in \$000s)

Total Assessed Valuation	<u>\$</u>	532,934,207
Bonded Debt Limitation (2.5% times Assessed Valuation) Less: Outstanding General Obligation Bonds ^{2,3}	\$	13,323,355 (10,296,665)
Equals: Legal Debt Margin ²	\$	3,026,690

In addition to new District debt issuance and the amortization pattern of the outstanding debt, the Legal Debt Margin is affected by the assessed valuation growth in the District. Assessed valuation typically grows up to the maximum base annual rate of 2% allowed under Proposition 13 for existing property, with additional growth coming from new construction and the sale and exchange of property. The District's all-time maximum assessed valuation of \$570.2 billion occurred in Fiscal Year 2015-16, one year beyond the reporting period in this Debt Report. The average growth rate has been 5.42% over the 30 years through FY 2014-15 and averaged a lower 2.37% over the past 5 years. The charts on the next page present a history of the District's assessed valuation and assessed valuation growth.

Anticipated increases in future assessed valuation will permit issuance of new General Obligation Bonds to the extent that Proposition 39 tax rate limitations are not exceeded and bond proceeds on hand are sufficiently spent down. See the discussion on Proposition 39 tax rate limitations in Section I.E, herein.

¹ Subsequent to the reporting period for this Debt Report, assessed valuation for Fiscal Year 2015-16 was reported to be \$570 billion, an increase of 7% from the Fiscal Year 2014-15 level.

² The District's Comprehensive Annual Financial Report ("CAFR") reports these figures differently by adjusting them for unamortized bond premiums and discounts and amounts available in the Bond Interest and Redemption Fund to pay bond principal.

Subsequent to the reporting period for this Debt Report, on March 1, 2016, the District sold \$1,226,355,000 of General Obligation Bonds comprised of \$648,955,000 of new money bonds issued under Measure Q and \$577,400,000 of refunding bonds. These bonds closed on April 5, 2016.

Chart 1 LAUSD Assessed Valuation (As of June 30, 2015)

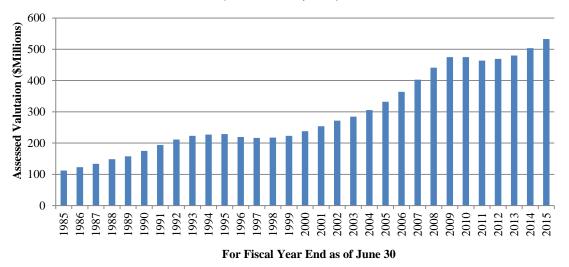
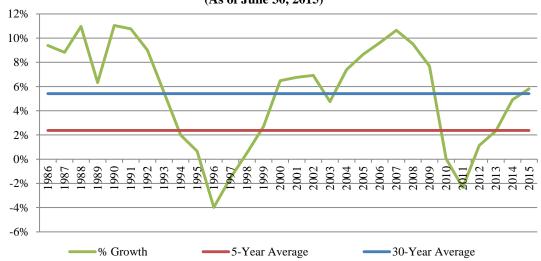


Chart 2 LAUSD Growth in Assessed Valuation (As of June 30, 2015)



B. Bonds Outstanding and Bonds Authorized But Unissued

As of June 30, 2015, the District had a total of \$10.30 billion of outstanding voter authorized General Obligation Bonds, for which a detailed listing and the debt service requirements can be found in Appendix 1-A.

The District had a total of \$7.54 billion of authorized but unissued General Obligation Bonds as of June 30, 2015. Table 2 presents overall highlights of the District's authorized but unissued bonds.

Table 2
Authorized but Unissued General Obligation Bonds as of June 30, 2015
(\$ Thousands)

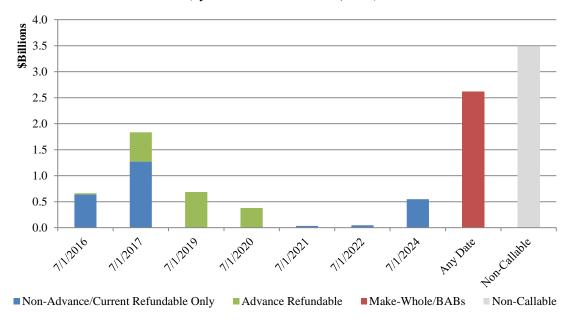
	Proposition BB	Measure K	Measure R	Measure Y	Measure Q ¹
Voter Authorization Amount	\$2,400,000	\$3,350,000	\$3,870,000	\$3,985,000	\$7,000,000
Issued	2,400,000	3,350,000	<u>3,710,010</u>	3,602,850	0
Authorized but Unissued	\$ 0	\$ 0	\$ 159,990	\$ 382,150	\$7,000,000

C. Distribution of Bonds by Prepayment/Call Flexibility; General Obligation Bond Refundings

The District's outstanding General Obligation Bonds have varying degrees of prepayment or call flexibility. Chart 3 shows the District's outstanding General Obligation Bonds by call date that are: 1) non-callable, 2) eligible to be advance refunded prior to their call date, 3) eligible to be refunded on a taxable or forward basis prior to their call date (and current refundable on a tax-exempt basis after said call date), and 4) eligible to be refunded with a make whole call. The General Obligation Bonds that have a make whole/extraordinary redemption feature represent special bond structures permitted under the American Reinvestment and Recovery Act (ARRA); see Section I.D - "Innovative Transactions" on the following page.

Subsequent to the reporting period for this Debt Report, on March 1, 2016, the District sold \$1,226,355,000 of General Obligation Bonds comprised of \$648,955,000 of new money issued under Measure Q and \$577,400,000 of refunding bonds. These bonds closed on April 5, 2016.

Chart 3
Distribution of Outstanding LAUSD G.O. Bonds
(by Call Date as of June 30, 2015)



The Chief Financial Officer regularly monitors market conditions for advance and current refunding opportunities that, pursuant to the Debt Management Policy, will produce at least 3% net present value savings for each maturity of bonds refunded and for which negative arbitrage is less than the net present value savings. Table 3 provides a summary of the savings from refundings that have been completed through June 30, 2015. These refundings will save taxpayers approximately \$489.2 million over the term of the bonds.

Table 3
Summary of General Obligation Refunding Bonds Savings
(as of June 30, 2015)¹

Refunding	Amount Refunded	Term of the Refunding Bonds	Total Savings
Bond Issue	(\$ millions)	(years)	(\$ millions)
2002	\$ 262.7	17	\$ 12.8
2004 A-1 & A-2	215.7	18	10.6
2005 A-1 & A-2	485.0	20	38.4
2006 A	131.9	13	6.3
2006 B	561.4	21	29.3
2007 A-1 & A-2	1,250.3	21	82.1
2007 B	25.8	12	1.8
2009 A	72.3	9	2.1
2010 A	72.8	5	2.4
2011 A-1 & A-2	425.6	13	37.9
2012A	158.8	17	12.9
2014	1,706.4	17	171.6
2015	378.1	10	81.0
Total	<u>\$ 5,746.8</u>		<u>\$ 489.2</u>

D. Innovative Transactions

In Fiscal Year 2009-10, the District took advantage of innovative bond programs permitted under the Federal government's new American Reinvestment and Recovery Act (ARRA). The ARRA financing structures provided lower debt service costs than traditional tax-exempt bonds. LAUSD took advantage of these innovative ARRA bond structures more than any other school district in the nation, achieving expected savings of \$1.1 billion.

One of the federal bond programs, Build America Bonds (BABs), is a taxable bond program for which the federal government initially subsidized 35% of the interest cost. The District sold about \$1.4 billion of taxable BABs in October 2009 and another \$1.25 billion in February 2010 rather than issuing traditional tax-exempt municipal bonds. The District's combined BABs offerings were by far the largest of any school district in the U.S. Another federal bond program used by LAUSD at that time is known as Qualified School Construction Bonds (QSCBs). These are also taxable bonds, however, under this structure investors receive a tax credit against their federal income tax rather than interest payments. The District sold \$318.8 million of QSCBs to taxable investors in October 2009 in what was the largest QSCBs offering of any school district in the U.S. in 2009. The District also received a QSCB allocation of \$290.2 million for 2010 and, under new legislation enacted in March 2010, sold

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Subsequent to the reporting period for this Debt Report, on March 1, 2016, the District sold \$1,226,355,000 of General Obligation Bonds comprised of \$648,955,000 of new money under Measure Q and \$577,400,000 of refunding bonds (which refunded \$661,165,000 of outstanding General Obligation Bonds). These bonds closed on April 5, 2016. These refunding bonds will generate \$120.69 million in total savings over the life of the bonds.

those QSCBs as subsidized taxable bonds rather than tax credit bonds. The legislative change was important because, unlike the District, many school districts were unable to successfully sell QSCBs as tax credit bonds. For its May 2010 QSCBs sale, the District was approached by an investor who offered to purchase \$100 million of the QSCBs at 25 basis points lower in yield than the purchasers of the remaining QSCBs. The investor was motivated by being able to use the purchase to meet its requirements to invest in the local community either in the form of reduced lending rates to loan applicants or the purchase of investments from an agency such as the District.

Sequestration. On March 4, 2013 the Internal Revenue Service announced that certain automatic reductions to federal budget items would take place, effective March 1, 2013. Based upon the requirements of the Balanced Budget and Emergency Deficit Control Act of 1985, as amended, the automatic reductions are due to so-called "sequestration." Federal subsidies on BABs and QSCBs, among others, were reduced by 8.70%, or a reduction of \$3.2 million from the subsidies provided toward the District's July 1, 2013 bond interest cost. The sequestration has continued with the annual sequestration rate determined at the beginning of each Federal fiscal year (October 1). The IRS announced that the Federal subsidy for Federal fiscal year 2015 would be reduced by 7.3%, calculated to result in \$2.7 million less for each of the District's interest payments in January and July 2015¹. The reduced subsides are offset by additional tax levies on District taxpayers. Unless Congress otherwise addresses the federal deficit matter, sequestration will occur each federal fiscal year.

E. Tax Rate Performance on Outstanding Bonds

The Tax Rate Statements for each of the District's five General Obligation Bond authorizations set forth various assumptions including the average annual assessed valuation growth over the life of the bonds, the average interest rate on the future bond issuances, and the estimated tax rates to be paid by District taxpayers to service the debt on the outstanding General Obligation Bonds. The assumptions in the respective Tax Rate Statements are not technically binding on the District, as actual issuance patterns, interest rates, and the growth pattern of the assessed valuation base combine to determine the actual tax rates. Nevertheless, the District actively manages its bond issuance program so that actual tax rates are close to or lower than the tax rates set forth in each respective Tax Rate Statement. The tables following present the assumptions included in the Tax Rate Statements and actual results to date.

The first table below summarizes the assumptions in the Tax Rate Statements for each of the five bond measures for the assessed valuation growth rate and the interest rates on the bond sales. It also provides the election date, amount approved, and election authorization. The tables that follow provide separate tax rate information on each of the five GO Bond authorizations.

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¹ The sequestration rate for January 2016 and July 2016 bond interest payments is 6.8%.

Table 4
Summary of Tax Rate Performance Assumptions

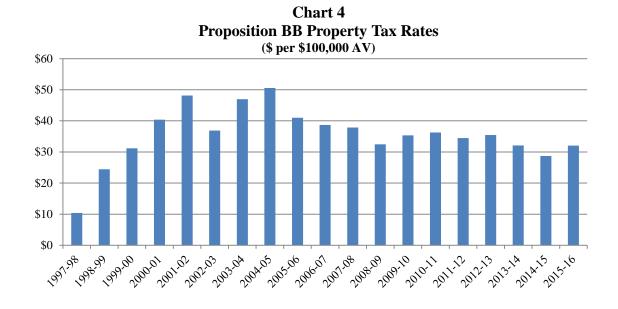
	Election	Amount	Assumed Average Assessed Valuation	Assumed Interest	
	Date	(\$billions)	Growth	Rate	Type of Election
Proposition BB	04/08/97	2.400	2.0%	5.75%	Traditional 66 2/3 ^{rds} %
					Minimum Approval
Measure K	11/05/02	3.350	3.9%	5.50%	Proposition 39 – 55%
Measure R	03/02/04	3.870	5.0%	5.25%	Proposition 39 – 55%
Measure Y	11/08/05	3.985	6.0%	5.25%	Proposition 39 – 55%
Measure Q	11/04/08	7.000	6.0%	5.25%	Proposition 39 – 55%

E-1. Proposition BB Tax Rates

Table 5
Estimated Tax Rates Set Forth in Tax Rate Statements for Proposition BB (Rates expressed as \$ per \$100,000 of assessed valuation)

	As Projected in	
Tax Rate Description	Tax Rate Statement	Actual
Estimated tax rate in the fiscal year following	\$23.43	\$24.42
the issuance of the first series of bonds	(in FY 1998-99)	(in FY 1998-99)
Estimated maximum tax rate and the year in	\$67.36	\$50.55
which the maximum tax rate occurs	(in FY 2013-14)	(in FY 2004-05)
Current Tax Rate (Actual)		\$32.05
		(in FY 2015-16)

There are no remaining unissued Proposition BB bonds. As a result, if there are future economic refundings or assessed valuation increases, the tax rate is expected to decline over time for Proposition BB bonds.



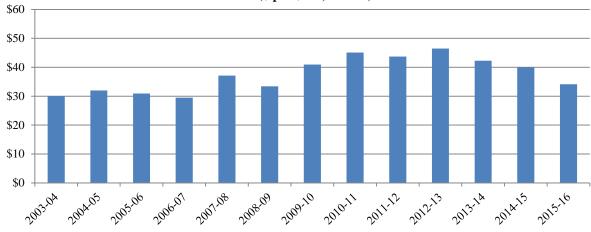
E-2. Measure K Tax Rates

Table 6
Estimated Tax Rates Set Forth in Tax Rate Statements for Measure K
(Rates expressed as \$ per \$100,000 of assessed valuation)

	As Projected in	
Tax Rate Description	Tax Rate Statement	Actual
Estimated tax rate in the fiscal year following	\$47.53	\$30.01
the issuance of the first series of bonds	(in FY 2004-05)	(in FY 2003-04)
Estimated maximum tax rate and the year in	\$59.38	\$46.46
which the maximum tax rate occurs	(2027)	(in FY 2012-13)
Current Tax Rate (Actual)		\$34.11 (in FY 2015-16)

There are no remaining unissued Proposition K bonds. As a result, if there are future economic refundings or if assessed valuation increases, the tax rate will decline over time for Proposition K bonds.

Chart 5
Measure K Property Tax Rates
(\$ per \$100,000 AV)

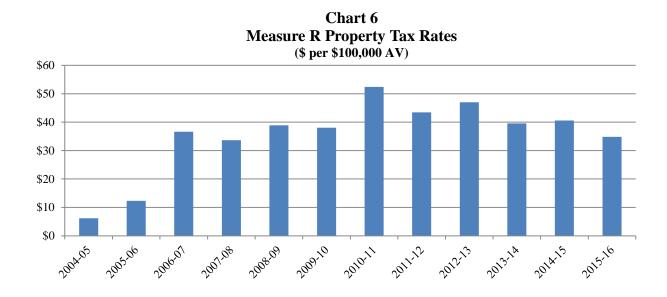


E-3. Measure R Tax Rates

Table 7
Estimated Tax Rates Set Forth in Tax Rate Statements for Measure R
(Rates expressed as \$ per \$100,000 of assessed valuation)

	As Projected in	
Tax Rate Description	Tax Rate Statement	Actual/Projected
Estimated tax rate in the fiscal year following	\$21.93	\$12.33
the issuance of the first series of bonds	(in FY 2005-06)	(in FY 2005-06)
		Actual
Estimated maximum tax rate and the year in	\$60.00	\$52.37
which the maximum tax rate occurs	(in FY 2011-12)	(in FY 2010-11)
		Current maximum
		tax rate projection
Current Tax Rate (Actual)		\$34.85
		(in FY 2015-16)

As of fiscal year-end 2014-15, there was \$159.990 million of remaining Measure R authorization. The actual maximum tax rate through the final maturity date of Measure R bonds will depend on the actual debt service costs and interest rates on the future issuance(s) of the remaining bond authorization as well as the District's future assessed valuation and any economic refundings.

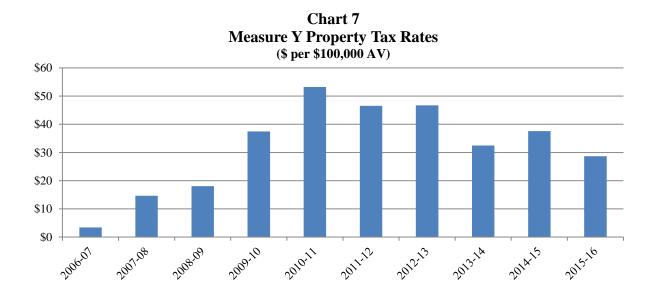


E-4. Measure Y Tax Rates

Table 8
Estimated Tax Rates Set Forth in Tax Rate Statements for Measure Y
(Rates expressed as \$ per \$100,000 of assessed valuation)

	As Projected in	
Tax Rate Description	Tax Rate Statement	Actual/Projected
Estimated tax rate in the fiscal year following	\$5.74	\$3.45
the issuance of the first series of bonds	(in FY 2006-07)	(in FY 2006-07)
		Actual
Estimated maximum tax rate and the year in	\$60.00	\$53.23
which the maximum tax rate occurs	(in FY 2012-13)	(in FY 2010-11)
		Current maximum
		tax rate projection
Current Tax Rate (Actual)		\$28.70
		(in FY 2015-16)

As of fiscal year-end 2014-15, there was \$382.150 million of remaining Measure Y authorization. The actual maximum tax rate through the final maturity date of all Measure Y bonds will depend on the actual debt service costs and interest rates on the future issuance(s) of the remaining bond authorization as well as the District's future assessed valuation and any economic refundings.



E-5. Measure Q Tax Rates

As with the earlier bond referendums, the estimated tax rate for Measure Q bonds in the November 4, 2008 election was based on no more than the \$60 per the \$100,000 of assessed valuation limitation under Proposition 39. Based on the needs of the District and alternative funding sources, the District had not issued any Measure Q General Obligation Bonds through June 30, 2015, the end of this reporting period. However, the District sold its inaugural series of Measure Q bonds in the amount of \$648.955 million on March 1, 2016. These bonds closed on April 5, 2016. The original issue premium

generated from the sale of these bonds will provide sufficient funds to make the debt service payments on these Measure Q bonds through at least January 1, 2017. The District will report on the tax rates for the outstanding Measure Q bonds beginning with the Debt Report for fiscal year 2016-17.

SECTION II: CERTIFICATES OF PARTICIPATION ("COPs")

A. COPs Outstanding

Over the years, the District has issued COPs to fund a variety of capital projects needed either prior to the voter approval of GO measures or that were not eligible for GO funding, including the construction of non-school facilities, equipment and certain IT systems. While all COPs are legally secured by the District's General Fund, debt service on certain eligible COPs has been able to be repaid from other revenue sources. The District has strived to maximize the portion of its COPs debt service that is paid from non-General Fund sources including using developer fees for debt service on projects related to enrollment growth or overcrowding as well as in the past, using cafeteria funds for cafeteria related projects. However, if such other revenue sources are insufficient, debt service is required to be paid from General Fund sources. Debt service on all other existing COPs is paid from General Fund sources. The District has also prepaid COPs when possible with GO bond proceeds and other available funds, as described in the following Section B.

Table 9 provides a listing of the District's outstanding COPs. The District currently has no COPs in variable rate mode. As of June 30, 2015, a total of \$295.9 million of COPs were outstanding, net of defeased COPs. The debt service requirements on outstanding COPs can be found in Appendix 2.

Chart 8 shows COPs debt service as of the close of Fiscal Year 2014-15. Debt service payments from the General Fund total \$349 million through the final maturity of the COPs, which amount does not reflect the federal subsidies expected to be received and applied toward the debt service requirements for the 2010 Series B-1 COPs that were issued as BABs.

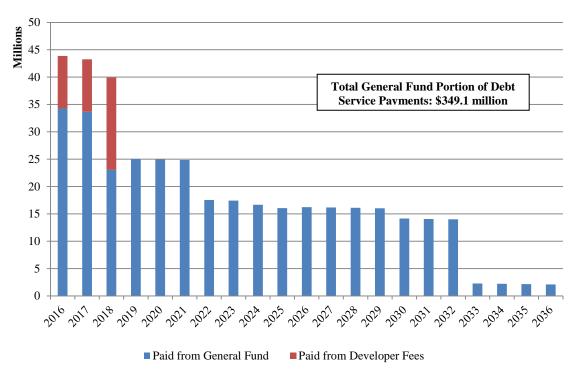
Table 9
Certificates of Participation Outstanding
(as of June 30, 2015)

Issue Description	Date of Issue	Principal Amount Issued (\$000s)	Principal Outstanding (June 30, 2015) (\$000s)	Original Final Maturity
COPs (Qualified Zone Academy Bonds) Series 2005 (taxable) ¹	12/13/2005	\$ 10,000	\$ 10,000	12/13/2020
COPs (Information Technology Projects), 2007 Series A ²	11/15/2007	99,660	23,492	10/01/2017
COPs Refunding (Multiple Properties Project), 2010 Series A	01/27/2010	69,685	33,180	12/01/2017
COPs (Federally Taxable Direct Pay Build America Bonds, Capital Projects I), 2010 Series B-1	12/21/2010	21,615	21,615	12/01/2035
COPs Refunding (Tax-Exempt, Capital Projects I), 2010 Series B-2	12/21/2010	61,730	39,885	12/01/2020
COPs (Refunding Headquarters Building Projects), 2012 Series A	06/12/2012	87,845	74,540	10/01/2031
COPs (Refunding Headquarters Building Projects), 2012 Series B	06/12/2012	72,345	71,240	10/01/2031
Series 2013A (Refunding Lease)	06/24/2013	24,780	21,990	08/01/2028
Total		\$ 447,660	\$ 295,942	•

¹ The Series 2005 COPs do not carry interest payments; instead, the purchaser receives a tax credit. The guaranteed investment contract (GIC) used for part of the defeasance on the 2005 COPs was terminated in August 2008 due to the rating downgrade of the GIC provider. A portion of the base rental payments in the amount of \$5.9 million has been set aside such that the net amount due by the District as of June 30, 2015 was approximately \$4.1 million. The District may need to contribute more funds to redeem the 2005 Qualified Zone Academy Bonds, depending upon the amount of ongoing investment returns.

² \$16.2 million and \$12.7 million of General Obligation Bond proceeds were used to partially defease these COPs in September 2010 and August 2014, respectively.

Chart 8
Certificates of Participation Debt Service
(as of June 30, 2015)



B. COPs Refundings

As noted previously, the District relied on COPs in part to finance school facilities prior to the voter approval of its GO bond measures. Following voter approval, in Fiscal Years 2004-05 and 2005-06, the District used Measure R and Measure Y bond proceeds to defease \$143.42 million and \$177.95 million of COPs, respectively, providing direct General Fund savings. Similarly, in September 2010 and August 2014, the District used Measure Y bond proceeds, unspent project funds and other funds on hand with the COPs trustee to defease and/or prepay debt service payments on the 2007 Series A and 2009 Series A COPs relating to \$63.45 million of principal. The District has also used other available amounts such as one-time funds and shifted certain debt service payments to non-General Fund sources such as developer fees to reduce its General Fund COPs debt service.

Table 10 presents a history of the District's COPs refundings.

Table 10 Los Angeles Unified School District Summary of COPs Refundings

	Date of	Principal Amount Issued		Term of Refunding COPs	Nominal Savings
Issue Description	Issue	(\$000s)	Refunded COPs	(Years)	(000s)
1991 Refunding COPs (Francisco Bravo Medical Magnet Senior High School)	11/13/91	\$46,110) 1988 COPs	16.0	\$1,609.4
1993 Refunding COPs ¹	11/15/93	69,925	5 1991 COPs	20.0	N/A
1998A Refunding COPs (Multiple Properties Project)	06/10/98	60,805	5 1993 Refunding COPs	16.0	\$3,076.7
2002A Refunding COPs (Francisco Bravo Medical Magnet Senior High School)	03/06/02	21,655	5 1991 Refunding COPs	6.5	\$6,755.2
2004A&B Refunding COPs (Refinancing Project I and Refunding Project I)	05/24/05	57,625	6 Portions of 2000A, 2001B, 2001C, 2002B, 2002C, 2003A and 2003B COPs	7.0	N/A
2004A, B and D General Obligation Bonds (Measure R) ²	09/23/04	150,000	2000B and 2002B COPs	5.0	\$155,836.3
2005A Refunding COPs (Administration Building Project) ³	05/24/05	86,525	5 2001C COPs	20.0	N/A
2005C Refunding COPs (Multiple Properties Project) ⁴	05/24/05	44,225	5 1996 COPs	26.0	\$(8,922.4)
2006A, B and D General Obligation Bonds (Measure Y) ²	02/22/06	184,385	5 2002A, 2003A and 2004 COPs	15.5	\$215,741.9
2008A&B Variable Rate Refunding COPs ⁵	08/06/08	120,950	2005A&B COPs	23.0	N/A
2010A Refunding COPs (Multiple Properties Project) ⁶	01/27/10	69,685	5 1997A and 1998A COPs	8.0	N/A
2012 A&B Refunding COPs (Administration Building Projects) ⁷	6/06 & 12/12	164.39	2001B, 2002C, 2008 A & B COPs	20.0	\$4,066.0
2013 Refunding Lease	06/24/13	24,780	2003B COPs	15.0	\$4,822.1
2014K General Obligation Bonds (Measure Y) ²	08/19/14	33,360	2007A and 2009A	5.5	\$35,338.6
				Total	\$418,323.8

-

The 1993 Refunding COPs refunded the 1991 COPs (Capital Facilities Project) that funded the acquisition of the Ambassador Hotel site through eminent domain. The legal documents for the 1991 COPs provided that said COPs would be refunded within 3 years if title to the Ambassador Hotel site had not been obtained. Since title had not been obtained by the three year mark, the District refunded the 1991 COPs. There were no savings associated with this refunding, as the transaction was done as a restructuring.

² These GO bonds shifted the COPs debt service from the District's General Fund to taxpayers, thereby saving General Fund resources.

This series converted a prior fixed rate series to a variable rate structure. The District has indicated the savings for this transaction to be "not available" because future variable rates and ancillary costs could not be known with certainty at the time of the refunding and this table is meant to provide only actual savings.

⁴ The amortization of this series was 20 years versus the 12 year amortization of the refunded bonds, resulting in dissavings in the out years.

⁵ These series changed the variable rate structure from variable rate bonds secured with a line of credit and bond insurance to variable rate bonds secured by a letter of credit. Thus, no estimates of any savings were prepared at the time of the transaction, as the transaction was more a restructuring than a transaction designed to achieve savings.

⁶ These series changed the refunded COPs' variable rate structure to a fixed rate structure. Savings are considered "not available" on the variable to fixed rate series because future variable rates and ancillary costs could not be known with certainty at the time of the refunding. This table is meant to provide only actual savings.

⁷ These series converted two prior variable rate series (2008A and B) to a fixed-rate structure and refunded two fixed rate series. The savings shown in the table are only the known savings from the fixed-rate refunding of the two prior fixed rate series (the 2001B and 2002C). Savings are considered "not available" on the variable to fixed rate series because future variable rates and ancillary costs could not be known with certainty at the time of the refunding. This table is meant to provide only actual savings.

SECTION III: THE MARKET FOR THE DISTRICT'S DEBT

A. Municipal Bond Market

The District's bonds, COPs, and tax and revenue anticipation notes ("TRANs") are issued and traded in the United States' municipal bond market. Major groups of investors in this market include tax-exempt bond funds, companies, investment bank portfolios, trust departments, investment advisors, individual investors, and money market funds. The various market participants may have different preferences for the structure and maturities of the bonds, COPs or TRANs that they purchase. As one of the largest issuers of municipal bonds in the country, the District is able to draw significant attention from these investor groups. The table to the right is a listing of the largest institutional holders of the District's long-term bonds that are required to publically report their holdings. These generally include bond funds, professional retail

Company	\$Thousands
Vanguard	1,008,135
Franklin Advisers	288,395
Wellington Management Company	201,325
Dodge & Cox	201,204
PIMCO	164,410
J.P. Morgan	137,005
Guggenheim	134,100
BlackRock Advisors	125,839
AIG Asset Management	116,025
American Century	99,735
BlackRock Fund Advisors	89,816
AllianceBernstein	88,118
Nuveen Asset Management	73,450
Babson Capital Management	72,325
Fidelity Investments Money Management	71,840
Prudential Investment Management	71,785
RGA Reinsurance Co.	70,000
MetLife Investment Advisors Company	68,265
Columbia Management Investment Advisers	66,670
Thornburg Investment Management, Inc.	64,110

investors such separately managed accounts and insurance companies.

The District's borrowing costs reflect the interest rates the District achieves each time it sells bonds. Those rates are a function of many factors, including the credit ratings on the District's obligations, market interest rate levels, competing supply, investor asset levels and anticipated Federal Reserve policy actions at the time of sale. These factors combine to determine the level of investor demand for the District's obligations and the interest rates achieved. For the District's voter approved general obligation bonds ("GOs"), an important credit factor is the fact the repayment of the bonds is from property taxes collected and held in trust by the County of Los Angeles. In addition, on the GOs and particularly on the COPs, an important determinant of the rates of return investors demand is their perception of the District's overall financial, debt and economic performance compared to other issuers. The investment community has historically viewed both the District's GOs and COPs as high quality investment grade securities, owing to the repayment source for the GOs as well as the District's financial position, vast local economy, and pristine debt service payment track record.

Traditionally, the large numbers of investors residing in California and the State's progressive income tax system have provided investors with incentives to purchase the District's GO bonds and COPs. However, the interest rates on the District's and other local government issuers' bonds in California have also subject to the State's fiscal position. Investor perception of the State's bonds had weakened significantly over a multi-year period beginning in 2009 due to the State's credit deterioration, investor concerns over the magnitude of the State's budget and cash shortfalls, late budgets with non-structural budget solutions, massive issuance of new money bonds, including deficit bonds, and voter approval of a large amount of additional debt. During this period, the State's credit was downgraded by the three major rating agencies to the lowest level of any state in the country and its borrowing costs relative to other issuers rose dramatically. While not as dramatic, the State's credit issues had a direct impact on

the borrowing costs of other issuers that were viewed as "agencies" of the State, such as LAUSD, even though the District's credit ratings remained very strong and well-above those of the State. Over the last five years, however, the State's credit profile and credit ratings improved significantly. The Legislature has passed five years of on-time balanced budgets and the administration has repaid a significant portion of its budgetary borrowings. As a result, the State's interest rates relative to national indices improved dramatically. The State's improvement has in turn had a positive effect on interest rates for other California issuers considered "agencies" of the State, including the District.

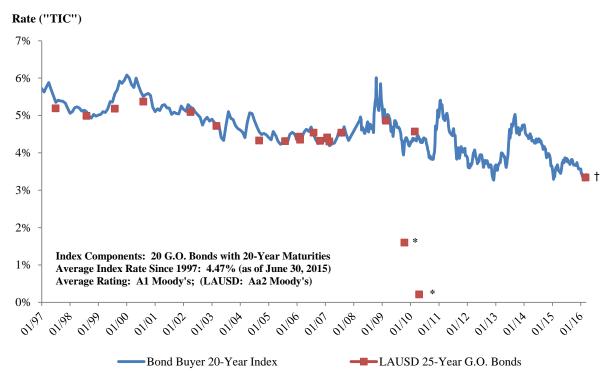
The District's interest rates are also subject to the broader financial market conditions. This was particularly apparent during the financial crisis. During the financial crisis, there were periods when market access became very restricted and certain municipal products failed. While some products that had been common in the municipal market, such as auction rate securities and AAA-rated bond insurance, are no longer available, the municipal market has recovered and is very strong, with low interest rates as described further below.

B. Cost of the District's Debt; No Variable Rate Debt Outstanding

B-1. Fixed Rate Debt

All of the District's General Obligation Bond and COPs issues carry fixed interest rates. Since reaching a cyclical high in 1999, fixed interest rates have fallen to historically low levels. This has helped the District achieve very low interest costs on its General Obligation Bonds when compared to industry benchmarks such as The Bond Buyer 20-Bond Index (the "Index"), as shown in Chart 9. The 20-Bond Index consists of 20 General Obligation Bonds that mature in 20 years. The average rating of the 20 bonds is roughly equivalent to Moody's Investors Service's Aa2 rating and Standard & Poor's Corp.'s AA. The District's bonds have a term to maturity of 25 years so, *ceteris paribus*, one would expect the true interest costs ("TICs") to be above the Index; however, yields on the District's issues tend to be below the Index. In addition, the District's TICs on its two QSCB issues in 2009 and 2010 were well below the Index due to the heavily subsidized interest rate provided under the QSCB program. A listing of the TICs for each series of 25-year General Obligation Bonds sold by the District is provided in Appendix 1-A.

Chart 9
True Interest Cost ("TIC") Rates on Actual LAUSD 25-Year G.O. Bond Issues vs.
The Bond Buyer 20-Bond Index for G.O. Bonds



^{*} The two low TIC outliers are the Election of 2005, Series H (2009) and Series J (2010) Qualified School Construction Bonds (Tax Credit Bonds)

B-2. Variable Rate Debt

Current statutory provisions make it impractical for the District to issue variable rate General Obligation Bonds, as ancillary costs such as remarketing fees and liquidity fees cannot be paid from voter approved *ad valorem* property tax levies. Thus, with the vast majority of the District's debt necessarily being issued as fixed rate bonds, the District has looked to COPs from time to time to achieve debt portfolio diversification in the form of variable rate COPs. As of June 30, 2015, however, the District has no outstanding variable rate COPs.

[†] After the reporting period, on April 5, 2016 the District issued \$648.955 million of 25 year new money bonds which have been reflected in this table.

SECTION IV: THE DISTRICT'S CREDIT RATINGS

A. Long-Term Credit Ratings on General Obligation Bonds and Certificates of Participation

Long-term credit ratings provided by a rating agency are an independent assessment of the relative credit risk associated with purchasing and holding a particular bond through its scheduled term of repayment. Long-term credit ratings serve as independent opinions of a borrower's financial strength and ability to repay its debt on a timely basis. Long-term credit ratings are one of the most important indicators of creditworthiness readily available to the investment community and have a direct impact on the borrowing rates paid by the District.

Moody's Investors Service ("Moody's") and Standard & Poor's ("S&P") rated the District's General Obligation Bonds in fiscal year 2014-15 as Aa2 and AA-, respectively. The District has requested ratings from only Moody's and S&P since 2006. The District requested withdrawal of all of its prior Fitch ratings in September 2009.

The District's General Obligation Bond ratings are generally "high quality investment grade" ratings as shown in Table 11. Moody's and S&P currently rate the District's COPs in the "upper medium grade" category as A1 and A+, respectively. General Obligation Bond ratings are typically one to two notches higher than those of COPs, owing to the superior credit strength of the *ad valorem* property taxes pledged to repay General Obligation Bonds versus the General Fund pledge that supports repayment of COPs.

In addition to the rating itself, each rating agency publishes an outlook on the rating. Outlooks are either "Positive", "Stable" or "Negative." A "Positive" outlook indicates a possible upgrade in the rating may occur; a "Negative" outlook

	Table 11	
C	redit Ratings	
(District's G.O. Bond Ra	tings Highlighted	in Red) ¹
(District's COPs Ratings	Highlighted in B	lue) ¹
	Moody's	S&P
Best Quality	Aaa	AAA
	Aa1	AA+
High Quality	Aa2	AA
	Aa3	AA-
	A1	A +
Upper Medium Grade	A2	A
	A3	A-
	Baa1	BBB+
Medium Grade	Baa2	BBB
	Baa3	BBB-
Below Investment Grade	Ba1 and Lower	BB+ and Lower
S&P rates COPs one notel	lower than the ratin	on general obligation

S&P rates COPs one notch lower than the rating on general obligation bonds, whereas Moody's rates COPs two notches lower than the rating on general obligation bonds.

indicates a possible rating downgrade may occur; and a "Stable" outlook indicates that neither an upgrade nor a downgrade is anticipated. The two agencies had each assigned an outlook of "Stable" to the District's ratings through the reporting period.

In July 2015, the California legislature enacted Senate Bill 222 ("SB222") which became effective on January 1, 2016. SB222 established a statutory lien in the voter-approved property taxes that secure California school districts' general obligation bonds. LAUSD capitalized on this legislative change and pursued ratings from two different rating agencies, Fitch Ratings and Kroll Bond Rating Agency, in addition to Moody's Investors Services that has traditionally rated the District's GOs, for the bonds it sold on March 1, 2016. The District received ratings on its March 2016 GO bonds of AAA from Fitch, AA+ from Kroll and Aa2 from Moody's. Fitch also provided the District with an Issuer Default Rating ("IDR") of A+ which is based on the District's financial operations. The distinction between the "AAA" rating on the GO Bonds and the A+ IDR reflects Fitch's assessment that the GO bondholders are "legally insulated from any operating risk of the District'.

Recognizing the importance of maintaining high quality ratings, the Board of Education adopted a Budget and Finance Policy that, among other things, establishes a minimum 5% General Fund reserve effective July 1, 2005. The Policy also stipulates that the fund balance be categorized into five separate components, namely, non-spendable, restricted, committed, assigned, and unassigned reserves. The median fund balance as a percent of revenues is about 16% for large "Aa" rated unified school districts. A history of the District's General Obligation Bond and COPs ratings is presented in Appendix 3.

B. Short-Term Credit Ratings on Tax and Revenue Anticipation Notes

The District prepares and analyzes detailed General Fund cash flows each month as part of its cash management program's policy of assuring timely payment of all operational expenses. It issued tax and revenue anticipation notes each fiscal year from Fiscal Year 1991-92 through Fiscal Year 2012-13 to finance periodic cash flow deficits and manage its cash flow needs. The District has always received the highest possible short-term ratings from Moody's (MIG 1) and S&P (SP-1+) on its TRANs and has always timely repaid its TRANs. The District did not issue TRANs in Fiscal Years 2013-14 or 2014-15 due to the State increasing its cash funding of school districts and reducing its cash deferrals.

SECTION V: DEBT RATIOS

A. Use of Debt Ratios

Pursuant to the District's Debt Management Policy set forth in Appendix 5, the Chief Financial Officer must calculate certain debt factors and debt burden ratios, compare them to benchmarks, and report the results in this Debt Report. Measuring the District's debt performance through the use of debt ratios provides a convenient way to compare the District to other borrowers. The most common debt ratios applied to school districts are:

- Ratio of Outstanding Debt to Assessed Value. The formula for this computation is contained in Section 15106 of the Education Code. The ratio is calculated for both "Direct Debt" (i.e., General Obligation Bonds) and "Combined Direct Debt" (both General Obligation Bonds and COPs), the latter commonly referred to as "Debt Burden" in the California Municipal Statistics Overlapping Debt Statement. In addition, the ratio "Overall Debt Burden" includes the District's Direct Debt plus the Direct Debt of issuers whose boundaries overlap those of the District. It is important to monitor the levels and growth of Direct Debt and Overall Direct Debt as they portray the debt burden borne by the District's taxpayers and serve as proxies for taxpayer capacity to take on additional debt in the future. A summary of overlapping debt in the District is set forth in Appendix 4.
- Ratio of Outstanding Debt Per Capita. The formula for this computation is Outstanding Debt divided by the population residing within the District's boundaries. Ratios are computed for both "Direct Debt Per Capita" and "Overall Debt Per Capita." It is important to monitor these ratios as they attempt to measure the degree to which debt is concentrated, i.e. whether it is spread across a large or small population. It should be noted that no official population data is collected at the District level, but the District provides estimates of its population, that are used in the per capita ratios.
- Ratio of Annual Lease Debt Service to General Funds Expenditures. The formula for this computation is annual lease debt service expenditures divided by General Funds (i.e., General and Debt Service Funds) expenditures (excluding interfund transfers) as reported in the most recent Comprehensive Annual Financial Report.

□ Proportion of Fixed-Rate and Variable-Rate COPs Issues. The Debt Management Policy requires the District to keep its variable rate exposure, to the extent not hedged or swapped to fixed rate, at or below 20% of the total principal of outstanding COPs or \$100 million, whichever is less. If variable rate debt is issued, the Chief Financial Officer periodically, but at least annually, determines whether it is appropriate to convert the debt to fixed interest rates. Such conversions were recommended and executed in Fiscal Year 2011-12.

The District's ratios and benchmark targets are provided in Tables 12 and 13.

B. LAUSD's Compliance with Debt Management Policy; Debt Levels Compared to Other School Districts

Table 12 provides a summary of the District's performance against policy benchmarks, targets and ceilings for debt paid from General Fund or other resources controlled by the District, such as developer fees. The District's policy calls for such annual debt service to be no more than $2 - 2\frac{1}{2}$ % of General Fund Expenditures. In addition, the Board imposed an even more restrictive COPs annual debt service ceiling of \$105.0 million in 2004. The District's actual performance is well within the policy targets and ceilings.

Table 12
Policy Benchmarks, Targets and Ceilings for Debt Paid
From General Fund or Other Resources (COPs)
(As of June 30, 2015)

			LAUSD	Over (Under)
Factor	Benchmark/Target	Ceiling	Actual	Policy Ceiling
Maximum COPs Gross Debt	2% of General Funds	2.5% of General	0.70%	(1.80%)
Service Limit (percentage)	Expenditures (FY 2014-15)	Funds Expenditures		
Maximum COPs Gross Debt	Not applicable	\$105.0	\$43.9	(\$61.1)
Service Limit (\$ million)				
Unhedged Variable Rate		20%	0%	(20%)
Debt as % of Total COPs Debt				

The District is the largest independent public school district in the United States. On the basis of its size, one could argue that it is appropriate to compare LAUSD to other entities with similar size. However, those types of entities comprise a heterogeneous collection of cities, states, school districts and other public agencies rather than a homogeneous group such as school districts. Thus, the Debt Management Policy requires that the Chief Financial Officer include a comparison of the District to the cohort of other large school districts, even though that category includes districts with varying types of funding mechanisms different from the District's funding mechanisms and includes no other district as large as LAUSD.

Table 13 sets forth the debt burden ratios that recognize the direct debt and overall debt of the District compared to benchmarks for large school districts whose ratings are in the double-A or higher rating category.

Due to the statistical dispersion of the underlying data for the benchmarks in Table 13 and the large size of the District's bonding program relative to other large school districts, the District's debt burden ratios are not unexpectedly higher than most of the benchmarks. Nevertheless, the District believes the "large, highly-rated" school district cohort to be the most appropriate cohort group against which it should be compared.

Table 13
Policy Benchmarks for District's Direct and Overall Debt¹
(As of June 30, 2015)

Debt Burden Ratio	Benchmark	Benchmark's Value	LAUSD Actual ²	
Direct Debt to Assessed Value	Moody's Median for Aa Rated School Districts With Student Population Above 200,000	1.20%	1.99%	
	Standard & Poor's Mean for AA Rated School Districts With Student Population Above 150,000	1.50%		
Overall Debt to Assessed Valuation	Moody's Median for Aa Rated School Districts With Student Population Above 200,000	3.10%	3.54%	
	Standard & Poor's Mean for AA Rated School Districts With Student Population Above 150,000	3.20%		
Direct Debt Per Capita	Standard & Poor's Median for AA Rated School Districts With Student Population Above 150,000	\$736	\$2,258	
	Standard & Poor's Mean for AA Rated School Districts With Student Population Above 150,000	\$847		
Overall Debt Per Capita	Standard & Poor's Median for AA Rated School Districts With Student Population Above 150,000	\$1,665	\$4,016	
	Standard & Poor's Mean for AA Rated School Districts With Student Population Above 150,000	\$2,639		

Benchmarks pulled from Moody's 2016 US Local Government Medians – Growing Tax Bases and Stable Fund Balances Support Sector's Stability article on March 17, 2016 and Standard and Poor's Public Finance Criteria: Ratios and GO Credit Ratings from April 23, 2003.

² The District's Comprehensive Annual Financial Report ("CAFR") reports these figures differently by adjusting outstanding bonds and COPs for amounts held in sinking funds and redemption accounts.

APPENDIX 1-A

Los Angeles Unified School District General Obligation Bond Issuance and True Interest Cost As of June 30, 2015¹

Continued on the Following Page

	Data	Principal Amount Issued	Outstanding	True Interest
Bond Issue	Date of Issue	(\$000s)	Principal (\$000s)	Cost (%)
Proposition BB Series A	7/22/97	\$356,000	\$17,500	5.19%
Proposition BB Series B	8/25/98	350,000	0	4.99%
Proposition BB Series C	8/10/99	300,000	0	5.18%
Proposition BB Series D	8/03/00	386,655	0	5.37%
Proposition BB Series E	4/11/02	500,000	0	5.09%
Proposition BB Series F	3/13/03	507,345	0	4.43%
Measure K Series A	3/05/03	2,100,000	0	4.75%
Measure K Series B	2/22/07	500,000	258,570	4.31%
Measure K Series C	8/16/07	150,000	66,995	4.86%
Measure K Series D	2/19/09	250,000	215,210	4.82%
Measure R Series A (5 year maturity)	9/23/04	72,630	0	2.28%
Measure R Series B (5 year maturity)	9/23/04	60,475	0	2.24%
Measure R Series C	9/23/04	50,000	0	4.33%
Measure R Series D	9/23/04	16,895	0	4.33%
Measure R, Series E	8/10/05	400,000	12,010	4.36%
Measure R, Series F	2/16/06	500,000	73,960	4.21%
Measure R, Series G	8/17/06	400,000	48,630	4.55%
Measure R, Series H	8/16/07	550,000	244,780	4.86%
Measure R, Series I	2/19/09	550,000	455,575	4.82%
Measure R, Series J	8/19/14	68,170	68,170	0.51%
Measure R, Series K	8/19/14	7,045	7,045	0.88%
Measure Y, Series A	2/22/06	56,785	7,225	3.72%
Measure Y, Series B	2/22/06	80,200	16,160	3.85%
Measure Y, Series C	2/22/06	210,000	100,905	4.15%
Measure Y, Series D (taxable)	2/22/06	47,400	0	5.18%
Measure Y, Series E	8/16/07	300,000	134,760	4.86%
Measure Y, Series F	2/19/09	150,000	129,520	4.82%
Measure Y, Series G	10/15/09	5,615	0	3.11%
Measure Y, Series H	10/15/09	318,800	318,800	1.60%
Measure Y, Series I	3/04/10	3,795	0	4.57%
Measure Y, Series J-1 (QSCB)	5/06/10	190,195	190,195	0.21%
Measure Y, Series J-2 (QSCB)	5/06/10	100,000	100,000	0.21%
Measure Y, Series K	8/19/14	35,465	35,465	0.84%
Measure Y, Series L	8/19/14	25,150	25,150	0.88%
Series KRY (Tax Exempt) (2009)	10/15/09	205,785	94,875	2.53%
Series KRY (BABs) (2009)	10/15/09	1,369,800	1,369,800	3.73%
Series KRY (Tax Exempt) (2010)	3/04/10	478,575	432,865	4.57%
Series RY (BABs) (2010)	3/04/10	1,250,585	1,250,585	4.44%
Series KY (2010)	5/06/10	159,495	81,360	2.46%

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	Date	Principal Amount Issued	Outstanding Principal	True Interest	
Bond Issue	of Issue	(\$000s)	(\$000s)	Cost (%)	
2002 General Obligation Refunding Bonds	4/17/02	258,375	98,160	4.94%	
2004 General Obligation Refunding Bonds, Series A-1	12/21/04	90,740	0	4.13%	
2004 General Obligation Refunding Bonds, Series A-2	12/21/04	128,385	0	4.38%	
2005 General Obligation Refunding Bonds, Series A-1	7/20/05	346,750	73,270	4.17%	
2005 General Obligation Refunding Bonds, Series A-2	7/20/05	120,925	14,790	4.22%	
2006 General Obligation Refunding Bonds, Series A	2/22/06	132,325	0	4.07%	
2006 General Obligation Refunding Bonds, Series B	11/15/06	574,905	554,295	4.32%	
2007 General Obligation Refunding Bonds, Series A-1	1/31/07	1,153,195	1,122,690	4.41%	
2007 General Obligation Refunding Bonds, Series A-2	1/31/07	136,055	136,055	4.41%	
2007 General Obligation Refunding Bonds, Series B	2/22/07	24,845	24,650	4.12%	
2009 General Obligation Refunding Bonds, Series A	10/15/09	74,765	28,700	2.53%	
2010 General Obligation Refunding Bonds, Series A	3/04/10	74,995	52,290	4.57%	
2011 General Obligation Refunding Bonds, Series A-1	11/1/11	206,735	185,535	2.75%	
2011 General Obligation Refunding Bonds, Series A-2	11/1/11	201,070	160,530	2.71%	
2012 General Obligation Refunding Bonds, Series A	5/8/12	156,000	141,345	2.75%	
2014 General Obligation Refunding Bonds, Series A	6/26/14	196,850	196,850	1.49%	
2014 General Obligation Refunding Bonds, Series B	6/26/14	323,170	323,170	1.96%	
2014 General Obligation Refunding Bonds, Series C	6/26/14	948,795	948,795	2.97%	
2014 General Obligation Refunding Bonds, Series D	6/26/14	153,385	153,385	2.60%	
2015 General Obligation Refunding Bonds, Series A	5/28/15	326,045	326,045	1.87%	
	Total	\$18,691,170	\$10,296,665		

Subsequent to the reporting period for this Debt Report, on March 1, 2016, the District sold \$1,226,355,000 of General Obligation Bonds comprised of \$648,955,000 of new money under Measure Q and \$577,400,000 of refunding bonds. These bonds closed on April 5, 2016. The TIC on the 25-year new money bonds was 3.34%.

APPENDIX 1-B

Los Angeles Unified School District Outstanding Debt Service Payments on General Obligation Bonds As of June 30, 2015^{1,2}

Fiscal Year Ending June 30	Election of 1997 (Proposition BB)	Election of 2002 (Measure K) ³	Election of 2004 (Measure R)	Election of 2005 (Measure Y)	Aggregate Fiscal Year Debt Service
2016	\$ 159,140,862.81	\$ 230,878,041.36	\$ 273,415,295.55	\$ 248,282,741.05	\$ 911,716,940.77
2017	157,284,922.90	235,562,282.73	242,123,560.85	243,168,970.08	878,139,736.56
2018	155,286,143.27	241,383,846.73	230,656,308.35	239,130,621.30	866,456,919.65
2019	157,825,067.91	247,741,640.84	230,571,941.15	248,776,540.60	884,915,190.50
2020	153,943,805.79	259,437,015.46	238,067,441.15	236,872,953.10	888,321,215.50
2021	152,559,431.91	267,743,164.34	236,976,701.15	238,703,434.35	895,982,731.75
2022	157,653,781.25	267,155,421.25	224,130,898.65	242,405,388.10	891,345,489.25
2023	152,996,937.50	288,426,971.25	230,767,061.15	246,245,032.48	918,436,002.38
2024	153,924,000.00	283,487,527.50	226,136,767.40	249,635,094.35	913,183,389.25
2025	131,815,050.00	296,785,246.25	232,445,304.90	253,882,421.85	914,928,023.00
2026	81,035,606.25	303,862,090.00	233,182,798.65	253,802,584.35	871,883,079.25
2027	65,503,525.00	311,278,046.25	239,467,811.40	289,102,399.08	905,351,781.73
2028	24,500,968.75	319,246,296.25	262,702,060.53	254,087,726.78	860,537,052.31
2029	0.00	98,572,127.00	277,497,262.03	255,835,352.53	631,904,741.56
2030	0.00	100,880,330.13	229,572,200.03	318,457,561.05	648,910,091.21
2031	0.00	103,119,353.75	230,162,843.50	326,731,008.35	660,013,205.60
2032	0.00	105,331,487.50	274,849,604.15	293,543,137.60	673,724,229.25
2033	0.00	107,459,427.50	280,201,635.10	295,763,137.75	683,424,200.35
2034	0.00	109,248,855.00	283,087,349.95	297,497,039.30	689,833,244.25
2035	0.00	110,781,725.00	285,204,118.20	298,771,391.65	694,757,234.85
Total	\$1,703,470,103.34	\$4,288,380,896.09	\$4,961,218,963.84	\$5,330,694,535.70	\$16,283,764,498.97

¹ Subsequent to the reporting period for this Debt Report, on March 1, 2016, the District sold \$1,226,355,000 of General Obligation Bonds comprised of \$648,955,000 of new money under Measure Q and \$577,400,000 of refunding bonds. These bonds closed on April 5, 2016.

Includes refunding bonds and excludes refunded bonds with respect to the particular bond authorization.

³ Includes QSCB Sinking Fund Payments, but does not include BABs or QSCB Subsidies.

APPENDIX 1-C

Los Angeles Unified School District Debt Service Requirements on General Obligation Bonds After Delivery of Additional Bonds on April 5, 2016^{1,2}

Fiscal Year Ending	Election of 1997	Election of 2002	Election of 2004	Election of 2005	Election of 2008	Aggregate Fiscal Year
June 30	(Proposition BB)	(Measure K) ³	(Measure R)	(Measure Y)	(Measure Q)	Debt Service
2016 ⁴	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,227,380.00	\$ 0.00	\$ 1,227,380.00
2017	156,373,666.68	234,740,282.01	241,959,343.35	242,813,419.38	21,590,499.58	897,477,211.01
2018	156,027,317.11	227,627,810.40	229,156,928.35	237,300,252.54	44,279,100.00	894,391,408.41
2019	155,786,085.87	245,589,135.39	229,634,161.15	246,946,796.84	44,257,600.00	922,213,779.26
2020	155,451,488.18	244,796,945.57	237,587,736.15	235,045,059.34	44,236,600.00	917,117,829.25
2021	152,896,887.50	254,748,796.25	236,044,461.15	236,873,715.59	44,392,850.00	924,956,710.50
2022	153,981,775.00	267,155,421.25	223,198,061.15	241,614,296.84	44,296,425.00	930,245,979.26
2023	149,354,837.50	288,426,971.25	230,591,161.15	244,418,921.85	44,280,125.00	957,072,016.77
2024	150,282,400.00	283,487,527.50	225,960,867.40	247,909,221.85	44,263,825.00	951,903,841.78
2025	128,133,481.25	296,785,246.25	232,269,404.90	252,161,803.11	44,147,650.00	953,497,585.53
2026	77,349,331.25	303,862,090.00	233,006,898.65	252,081,944.35	44,121,025.00	910,421,289.28
2027	41,700,450.00	311,278,046.25	238,529,823.90	288,644,171.59	44,091,400.00	924,243,891.76
2028	24,500,968.75	319,246,296.25	261,774,504.28	252,363,364.28	44,066,025.00	901,951,158.57
2029	0.00	98,572,127.00	277,372,224.53	254,114,227.53	44,032,150.00	674,090,729.07
2030	0.00	100,880,330.13	225,936,868.78	316,922,186.05	44,001,900.00	687,741,284.96
2031	0.00	103,119,353.75	230,157,218.50	325,198,633.35	43,967,150.00	702,442,355.60
2032	0.00	105,331,487.50	274,721,791.65	293,543,137.60	43,934,650.00	717,531,066.75
2033	0.00	107,459,427.50	280,201,635.10	295,763,137.75	43,896,025.00	727,320,225.35
2034	0.00	109,248,855.00	283,087,349.95	297,497,039.30	44,018,425.00	733,851,669.25
2035	0.00	110,781,725.00	285,204,118.20	298,771,391.65	43,997,425.00	738,754,659.85
2036	0.00	0.00	0.00	0.00	43,968,925.00	43,968,925.00
2037	0.00	0.00	0.00	0.00	44,031,287.50	44,031,287.50
2038	0.00	0.00	0.00	0.00	43,822,250.00	43,822,250.00
2039	0.00	0.00	0.00	0.00	43,777,250.00	43,777,250.00
2040	0.00	0.00	0.00	0.00	43,736,000.00	43,736,000.00
2041	0.00	0.00	0.00	0.00	43,689,125.00	43,689,125.00
Total	\$1,488,039,717.90	\$4,026,936,845.52	\$4,676,394,558.40	\$5,061,210,100.81	\$1,078,895,687.08	\$16,331,476,909.71

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Subsequent to the reporting period for this Debt Report, on March 1, 2016, the District sold \$1,226,355,000 of General Obligation Bonds comprised of \$648,955,000 of new money under Measure Q and \$577,400,000 of refunding bonds. These bonds closed on April 5, 2016.

² Includes refunding bonds and excludes refunded bonds with respect to the particular bond authorization.

Includes QSCB Sinking Fund Payments, but does not include BABs or QSCB Subsidies.

⁴ Excludes principal and interest paid on or prior to April 5, 2016.

APPENDIX 2

Los Angeles Unified School District Certificates of Participation Lease Obligations Debt Service Schedule¹ As of June 30, 2015

Fiscal Year Ending	Paid from General Fund ² (\$000s)	Paid from Developer Fees ³ (\$000s)	Fiscal Year Total Debt Service (\$000s)
06/30/2016	\$ 34,290	\$ 9,574	\$ 43,865
06/30/2017	33,672	9,575	43,247
06/30/2018	23,052	16,886	39,938
06/30/2019	25,043	0	25,043
06/30/2020	24,955	0	24,955
06/30/2021	24,864	0	24,864
06/30/2022	17,532	0	17,532
06/30/2023	17,429	0	17,429
06/30/2024	16,668	0	16,668
06/30/2025	16,048	0	16,048
06/30/2026	16,218	0	16,218
06/30/2027	16,163	0	16,163
06/30/2028	16,112	0	16,112
06/30/2029	16,037	0	16,037
06/30/2030	14,147	0	14,147
06/30/2031	14,073	0	14,073
06/30/2032	14,001	0	14,001
06/30/2033	2,277	0	2,277
06/30/2034	2,222	0	2,222
06/30/2035	2,169	0	2,169
06/30/2036	2,108	0	2,108
Total ⁴	\$ 349,081	\$ 36,035	\$ 385,117

¹ The lease payments reflect the net obligations of the District due to the defeasance of certain COPs.

Does not assume receipt of a direct cash subsidy payment from the United States Department of Treasury for certain series of these COPs.

Developer fees are used to satisfy debt service payments on a portion of the District's outstanding lease obligations. The General Fund is obligated to pay these obligations in the event that there are insufficient developer fees, subject to the terms of the lease. The District expects to pay a portion of the final debt service for Fiscal Year 2017-18 with a combination of funds from developer fees and funds released from the debt service reserve fund on the maturity date as required under the legal documents for these COPs. To date, such developer fees have been and are expected to continue to be sufficient to pay these lease obligations as and when due.

⁴ Totals may not equal sum of component parts due to rounding.

APPENDIX 3

Los Angeles Unified School District History of Underlying Fixed Rate Long-Term Ratings

Fiscal	General	Obligati	on Bonds	Certificates of Participation		
Years	Moody's	S&P	Fitch	Moody's	S&P	Fitch
1988-1989	Aa2	AA	Not rated	A1	A+	Not rated
1990-1992	Aa2	AA	AA	A1	A+	A+
1992-1993	A1	AA-	AA	A2	A	A+
1994-1995	A1	AA-	AA-	A2	A	A
1996-1998	Aa3	AA-	AA-	A2	A	A
1999-2000	Aa3	AA-	AA	A2	A	A+
2001 ¹ -2002	Aa3	AA-	AA	A2	A+	A+
2002-2003	Aa3	AA-	AA-	A2	A+	A
2004-2005	Aa3	AA-	A+	A2	A+	A-
2006 ² -2008	Aa3	AA-	A+	A2	A+	A
2008-2009 ³	Aa3	AA-	Not rated	A2	A+	Not rated
2009-2010 ⁴	Aa2	AA-	Not rated	A1	A+	Not rated
2011-2015 ⁵	Aa2	AA-	Not rated	A1	A+	Not rated

¹ Beginning in 2001, Standard and Poor's began to rate lease obligations only one notch (rather than the previous two notches) lower than the issuer's general obligation bond rating

² On July 19, 2006, S&P and Moody's revised the Outlook on all District ratings to Stable; on July 31, 2006, Fitch upgraded the District's COPs rating to A.

The District requested withdrawal of all Fitch Ratings in September, 2009.

⁴ Moody's implemented a migration of its rating scale that resulted in the indicated changes to the District's ratings on April 20, 2010.

In July 2015, the California legislature enacted Senate Bill 222 ("SB222") which became effective on January 1, 2016. SB222 established a statutory lien in the voter-approved property taxes that secure California school districts' general obligation bonds. LAUSD capitalized on this legislative change and pursued ratings from two different rating agencies, Fitch Ratings and Kroll Bond Rating Agency, in addition to Moody's Investors Services that has traditionally rated the District's GOs for the bonds it sold on March 1, 2016. The District received ratings on its March 2016 GO bonds of AAA from Fitch, AA+ from Kroll and Aa2 from Moody's. Fitch also provided the District with an Issuer Default Rating ("IDR") of A+ which is based on the District's financial operations. The distinction between the "AAA" rating on the GO Bonds and the A+ IDR reflects Fitch's assessment that the GO bondholders are "legally insulated from any operating risk of the District'.

APPENDIX 4

Los Angeles Unified School District Statement of Overlapping Debt As of June 30, 2015

Overlapping Debt Obligations

Set forth on the following page is the report prepared by California Municipal Statistics Inc. which provides information with respect to direct and overlapping debt within the District as of June 30, 2015 (the "Overlapping Debt Report"). The Overlapping Debt Report is included for general information purposes only. The District has not reviewed the Overlapping Debt Report for completeness or accuracy and makes no representations in connection therewith. The Overlapping Debt Report generally includes long-term obligations sold in the public credit markets by public agencies whose boundaries overlap the boundaries of the District. Such long-term obligations generally are not payable from revenues of the District (except as indicated) nor are they necessarily obligations secured by land within the District. In many cases, long-term obligations issued by a public agency are payable only from the general fund or other revenues of such public agency.

The first column in the Overlapping Debt Report names each public agency which has outstanding debt as of the date of the report and whose territory overlaps the District in whole or in part. Column 2 shows the percentage of each overlapping agency's assessed value located within the boundaries of the District. This percentage, multiplied by the total outstanding debt of each overlapping agency (which is not shown in Overlapping Debt Report) produces the amount shown in column 3, which is the apportionment of each overlapping agency's outstanding debt to taxable property in the District.

Los Angeles Unified School District Schedule of Direct and Overlapping Bonded Debt Year Ended June 30, 2015

(in thousands) (Unaudited)

Government	Percentage Applicable	Amount Applicable
Direct:		
Los Angeles Unified School District		
General Obligation Bonds ¹	100.000%	\$10,707,885
Certificates of Participation ¹	100.000	307,921
		11,015,806
Overlapping ² :		
Los Angeles County General Fund Obligations	44.364	836,408
Los Angeles County Superintendent of Schools Certificates of Participation	44.364	3,868
Los Angeles County Flood Control District	45.460	6,867
Metropolitan Water District	22.922	25,310
Los Angeles Community College District	80.729	3,134,114
Pasadena Area Community College District	0.001	1
City of Los Angeles	99.931	887,122
City of Los Angeles General Fund and Judgment Obligations	99.931	1,653,983
Other City General Fund and Pension Obligation Bonds	Various	174,578
Los Angeles County Sanitation District		
Nos. 1, 2, 4, 5, 8, 9, 16 and 23 Authorities	Various	26,906
Los Angeles County Regional Park & Open Space Assessment District	44.364	36,769
City Community Facilities Districts	100.000	91,005
City of Los Angeles Landscaping and Special Tax Assessment District	99.931	16,014
Other City and Special District 1915 Act Bonds	91.089-100.000	20,707
Other Cities	Various	24,381
Palos Verdes Library District	4.722	114
City of Los Angeles Redevelopment Agency	100.000	532,065
Other Redevelopment Agencies	Various	387,528
Total Overlapping		7,857,740
Total Gross Direct and Overlapping Debt		18,873,546
Less:		
Los Angeles County General Fund Obligations supported by landfill revenues		2,016
Los Angeles Unified School District (amount accumulated in Sinking Fund for		
repayment of 2005 Qualified Zone Academic Bonds)		17,091
City supported obligations		8,308
Total Net Direct and Overlapping Debt		\$18,846,131
11 0		

Source: California Municipal Statistics, Inc. and District records.

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¹ The amount of outstanding bonds and COPs reported above reflect the approach taken in the District's CAFR, where outstanding bonds and COPs include amounts held in sinking funds and redemption accounts.

² Generally includes long-term obligations sold in the public credit markets by public agencies whose boundaries overlap the boundaries of the District.

³ Excludes tax and revenue anticipation notes, enterprise revenue, mortgage revenue and non-bonded capital lease obligations.