

APPENDIX A

CITY AND COUNTY OF SAN FRANCISCO ORGANIZATION AND FINANCES

This Appendix contains information that is current as of January 15, 2019.

This Appendix A to the Official Statement of the City and County of San Francisco (the “City” or “San Francisco”) provides general information about the City’s governance structure, budget processes, property taxation system and tax and other revenue sources, City expenditures, labor relations, employment benefits and retirement costs, investments, bonds and other long-term obligations.

The various reports, documents, websites and other information referred to herein are not incorporated herein by such references. The City has referred to certain specified documents in this Appendix A which are hosted on the City’s website. A wide variety of other information, including financial information, concerning the City is available from the City’s publications, websites and its departments. Any such information that is inconsistent with the information set forth in this Official Statement should be disregarded and is not a part of or incorporated into this Appendix A and should not be considered in making a decision to buy the bonds. The information contained in this Official Statement, including this Appendix A, speaks only as of its date, and the information herein is subject to change. Prospective investors are advised to read the entire Official Statement to obtain information essential to make an informed investment decision.

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CITY GOVERNMENT

City Charter

San Francisco is constituted as a city and county chartered pursuant to Article XI, Sections 3, 4, 5 and 6 of the Constitution of the State of California (the "State") and is the only consolidated city and county in the State. In addition to its powers under its charter in respect of municipal affairs granted under the State Constitution, San Francisco generally can exercise the powers of both a city and a county under State law. On April 15, 1850, several months before California became a state, the original charter was granted by territorial government to the City. New City charters were adopted by the voters on May 26, 1898, effective January 8, 1900, and on March 26, 1931, effective January 8, 1932. In November 1995, the voters of the City approved the current charter, which went into effect in most respects on July 1, 1996 (the "Charter").

The City is governed by a Board of Supervisors consisting of eleven members elected from supervisorial districts (the "Board of Supervisors"), and a Mayor elected at large who serves as chief executive officer (the "Mayor"). Members of the Board of Supervisors and the Mayor each serve a four-year term. The Mayor and members of the Board of Supervisors are subject to term limits as established by the Charter. Members of the Board of Supervisors may serve no more than two successive four-year terms and may not serve another term until four years have elapsed since the end of the second successive term in office. The Mayor may serve no more than two successive four-year terms, with no limit on the number of non-successive terms of office. The City Attorney, Assessor-Recorder, District Attorney, Treasurer and Tax Collector, Sheriff, and Public Defender are also elected directly by the citizens and may serve unlimited four-year terms. The Charter provides a civil service system for most City employees. School functions are carried out by the San Francisco Unified School District (grades TK-12) ("SFUSD") and the San Francisco Community College District (post-secondary) ("SFCCD"). Each is a separate legal entity with a separately elected governing board.

Under its original charter, the City committed to a policy of municipal ownership of utilities. The Municipal Railway, when acquired from a private operator in 1912, was the first such city-owned public transit system in the nation. In 1914, the City obtained its municipal water system, including the Hetch Hetchy watershed near Yosemite. In 1927, the City dedicated Mill's Field Municipal Airport at a site in what is now San Mateo County 14 miles south of downtown San Francisco, which would grow to become today's San Francisco International Airport (the "Airport"). In 1969, the City acquired the Port of San Francisco (the "Port") in trust from the State. Substantial expansions and improvements have been made to these enterprises since their original acquisition. The Airport, the Port, the Public Utilities Commission ("PUC") (which now includes the Water Enterprise, the Wastewater Enterprise and the Hetch Hetchy Water and Power Project), the Municipal Transportation Agency ("MTA") (which operates the San Francisco Municipal Railway or "Muni" and the Department of Parking and Traffic ("DPT"), including the Parking Authority and its five public parking garages), and the City-owned hospitals (San Francisco General and Laguna Honda), are collectively referred to herein as the "enterprise fund departments," as they are not integrated into the City's General Fund operating budget. However, certain of the enterprise fund departments, including San Francisco General Hospital, Laguna Honda Hospital and the MTA receive annually significant General Fund transfers.

The Charter distributes governing authority among the Mayor, the Board of Supervisors, the various other elected officers, the City Controller and other appointed officers, and the boards and commissions that oversee the various City departments. Compared to the governance of the City prior to 1995, the Charter

concentrates relatively more power in the Mayor and Board of Supervisors. The Mayor appoints most commissioners subject to a two-thirds vote of the Board of Supervisors, unless otherwise provided in the Charter. The Mayor appoints each department head from among persons nominated to the position by the appropriate commission and may remove department heads.

Mayor

Mayor London Breed is the 45th Mayor of San Francisco and the first African-American woman to serve in such capacity in the City’s history. Mayor Breed won the June 4, 2018 special election to fulfill the remaining term of the late Mayor Edwin Lee. Mayor Breed will serve until January 2020. Prior to her election, Mayor Breed served as Acting Mayor, leading San Francisco following the sudden passing of Mayor Lee. Mayor Breed served as a member of the Board of Supervisors for six years, including the last three years as President of the Board.

Board of Supervisors

Table A-1 lists the current members of the Board of Supervisors. The Supervisors are elected for staggered four-year terms and are elected by district. Vacancies are filled by appointment by the Mayor.

TABLE A-1

CITY AND COUNTY OF SAN FRANCISCO		
Board of Supervisors		
Name	First Elected or Appointed	Current Term Expires
Sandra Lee Fewer, <i>District 1</i>	2017	2021
Catherine Stefani, <i>District 2</i>	2018	2023
Aaron Peskin, <i>District 3</i>	2017	2021
Gordon Mar, <i>District 4</i>	2019	2023
Vallie Brown, <i>District 5</i>	2017	2021
Matt Haney, <i>District 6</i>	2019	2023
Norman Yee, Board President, <i>District 7</i>	2017	2021
Rafael Mandelman, <i>District 8</i>	2018	2023
Hillary Ronen, <i>District 9</i>	2017	2021
Shamann Walton, <i>District 10</i>	2019	2023
Ahsha Safai, <i>District 11</i>	2017	2021

Other Elected and Appointed City Officers

Dennis J. Herrera was re-elected to a four-year term as City Attorney in November 2015. The City Attorney represents the City in all legal proceedings in which the City has an interest. Mr. Herrera was first elected City Attorney in December 2001. Before becoming City Attorney, Mr. Herrera had been a partner in a private law firm and had served in the Clinton Administration as Chief of Staff of the U.S. Maritime Administration. He also served as president of the San Francisco Police Commission and was a member of the San Francisco Public Transportation Commission.

Carmen Chu was re-elected to a four-year term as Assessor-Recorder of the City in November 2018. The Assessor-Recorder administers the property tax assessment system of the City. Before becoming

Assessor-Recorder, Ms. Chu was elected in November 2008 and November 2010 to the Board of Supervisors, representing the Sunset/Parkside District 4 after being appointed by then-Mayor Gavin Newsom in September 2007.

José Cisneros was re-elected to a four-year term as Treasurer of the City in November 2015. The Treasurer is responsible for the deposit and investment of all City moneys, and also acts as Tax Collector for the City. Mr. Cisneros has served as Treasurer since September 2004, following his appointment by then-Mayor Newsom. Prior to being appointed Treasurer, Mr. Cisneros served as Deputy General Manager, Capital Planning and External Affairs for the MTA.

Benjamin Rosenfield was appointed to a ten-year term as Controller of the City by then-Mayor Newsom in March 2008 and was confirmed by the Board of Supervisors in accordance with the Charter. Mr. Rosenfield was reappointed by then-Mayor Mark Farrell to a new 10-year term as Controller in 2017, and his nomination was confirmed by the Board of Supervisors on May 1, 2018.

The City Controller is responsible for timely accounting, disbursement, and other disposition of City moneys, certifies the accuracy of budgets, estimates the cost of ballot measures, provides payroll services for the City's employees, and, as the Auditor for the City, directs performance and financial audits of City activities. Before becoming Controller, Mr. Rosenfield served as the Deputy City Administrator under former City Administrator Edwin Lee from 2005 to 2008. He was responsible for the preparation and monitoring of the City's ten-year capital plan, oversight of a number of internal service offices under the City Administrator and implementing the City's 311 non-emergency customer service center. From 2001 to 2005, Mr. Rosenfield worked as the Budget Director for then-Mayor Willie L. Brown, Jr. and then-Mayor Newsom. As Budget Director, Mr. Rosenfield prepared the City's proposed budget for each fiscal year and worked on behalf of the Mayor to manage City spending during the course of each year. From 1997 to 2001, Mr. Rosenfield worked as an analyst in the Mayor's Budget Office and as a project manager in the Controller's Office.

Naomi M. Kelly was appointed to a five-year term as City Administrator by then-Mayor Lee in February of 2012, following her brief role as Acting City Administrator. Ms. Kelly was re-appointed for a second five-year term on February 8, 2017. As City Administrator, Ms. Kelly has overall responsibility for the management and implementation of policies, rules and regulations promulgated by the Mayor, the Board of Supervisors and the voters. Ms. Kelly oversees the General Services Agency consisting of 25 departments, divisions, and programs that include the Public Works Department, Department of Technology, Office of Contract Administration/Purchasing, Real Estate, County Clerk, Fleet Management, Convention Facilities, Animal Care and Control, Medical Examiner, and Treasure Island. Prior to her City Administrator position, Ms. Kelly was appointed City Purchaser and Director of the Office of Contract Administration by Mayor Newsom. She previously served as Special Assistant in the Mayor's Office of Neighborhood Services, and the Office of Policy and Legislative Affairs, under Mayor Brown. She also served as the City's Executive Director of the Taxicab Commission. Ms. Kelly, a native San Franciscan, is the first woman and African American to serve as City Administrator of the City. She received her undergraduate and law degrees, respectively, from New York University and the University of San Francisco. Ms. Kelly is a member of the California State Bar.

CITY BUDGET

Overview

The City manages the operations of its nearly 60 departments, commissions and authorities, including the enterprise fund departments, and funds such departments and enterprise through its annual budget process. On July 24, 2018, the City adopted its two-year budget. The City's fiscal year 2018-19 adopted budget appropriates annual revenues, fund balance, transfers and reserves of approximately \$11.04 billion, of which the City's General Fund accounts for approximately \$5.51 billion. In fiscal year 2019-20 appropriated revenues, fund balance, transfers and reserves total approximately \$11.10 billion, of which \$5.52 billion represents the General Fund budget. For a further discussion of the fiscal years 2018-19 and 2019-20 adopted budgets, see "City Budget Adopted for Fiscal Years 2018-19 and 2019-20" herein.

Each year the Mayor prepares budget legislation for the City departments, which must be approved by the Board of Supervisors. General Fund revenues consist largely of local property taxes, business taxes, sales taxes, other local taxes and charges for services. A significant portion of the City's revenues comes in the form of intergovernmental transfers from the State and federal governments. Thus, the City's fiscal position is affected by the health of the local real estate market, the local business and tourist economy, and by budgetary decisions made by the State and federal governments which depend, in turn, on the health of the larger State and national economies. All these factors are almost wholly outside the control of the Mayor, the Board of Supervisors and other City officials. In addition, the State Constitution limits the City's ability to raise taxes and property-based fees without a two-thirds vote of City residents. See "CONSTITUTIONAL AND STATUTORY LIMITATIONS ON TAXES AND EXPENDITURES" herein. Also, the fact that the City's annual budget must be adopted before the State and federal budgets adds uncertainty to the budget process and necessitates flexibility so that spending decisions can be adjusted during the course of the fiscal year. See "CITY GENERAL FUND PROGRAMS AND EXPENDITURES" herein.

Budget Process

The City's fiscal year commences on July 1 and ends on June 30. The City's budget process for each fiscal year begins in the middle of the preceding fiscal year as departments prepare their budgets and seek any required approvals from the applicable City board or commission. Departmental budgets are consolidated by the City Controller, and then transmitted to the Mayor no later than the first working day of March. By the first working day of May, the Mayor is required to submit a proposed budget to the Board of Supervisors for certain specified departments, based on criteria set forth in the Administrative Code. On or before the first working day of June, the Mayor is required to submit a proposed budget, including all departments, to the Board of Supervisors.

Under the Charter, following the submission of the Mayor's proposed budget, the City Controller must provide an opinion to the Board of Supervisors regarding the economic assumptions underlying the revenue estimates and the reasonableness of such estimates and revisions in the proposed budget (the City Controller's "Revenue Letter"). The City Controller may also recommend reserves that are considered prudent given the proposed resources and expenditures contained in the Mayor's proposed budget. The City Controller's current Revenue Letter can be viewed online at www.sfcontroller.org. The Revenue Letter and other information from said website are not incorporated herein by reference. The City's Capital Planning Committee also reviews the proposed budget and provides recommendations based on the budget's conformance with the City's adopted ten-year capital plan. For a further discussion of the

Capital Planning Committee and the City's ten-year capital plan, see "CAPITAL FINANCING AND BONDS – Capital Plan" herein.

The City is required by the Charter to adopt a budget which is balanced in each fund. During its budget approval process, the Board of Supervisors has the power to reduce or augment any appropriation in the proposed budget, provided the total budgeted appropriation amount in each fund is not greater than the total budgeted appropriation amount for such fund submitted by the Mayor. The Board of Supervisors must approve the budget by adoption of the Annual Appropriation Ordinance (also referred to herein as the "Original Budget") by no later than August 1 of each fiscal year.

The Annual Appropriation Ordinance becomes effective with or without the Mayor's signature after 10 days; however, the Mayor has line-item veto authority over specific items in the budget. Additionally, in the event the Mayor were to disapprove the entire ordinance, the Charter directs the Mayor to promptly return the ordinance to the Board of Supervisors, accompanied by a statement indicating the reasons for disapproval and any recommendations which the Mayor may have. Any Annual Appropriation Ordinance so disapproved by the Mayor shall become effective only if, subsequent to its return, it is passed by a two-thirds vote of the Board of Supervisors.

Following the adoption and approval of the Annual Appropriation Ordinance, the City makes various revisions throughout the fiscal year (the Original Budget plus any changes made to date are collectively referred to herein as the "Revised Budget"). A "Final Revised Budget" is prepared at the end of the fiscal year reflecting the year-end revenue and expenditure appropriations for that fiscal year.

Two-Year Budgetary Cycle

The City's budget involves multi-year budgeting and financial planning, including:

1. Fixed two-year budgets are approved by the Board of Supervisors for five departments: The Airport, Child Support Services, the Port, the PUC and MTA. All other departments prepared balanced, rolling two-year budgets.
2. Five-year financial plan, which forecasts revenues and expenses and summarizes expected public service levels and funding requirements for that period. The most recent five-year financial plan, including a forecast of expenditures and revenues and proposed actions to balance them in light of strategic goals, was issued by the Mayor, the Budget Analyst for the Board of Supervisors and Controller's Office on January 4, 2019, for fiscal year 2019-20 through fiscal year 2023-24. See "Five Year Financial Plan" section below.
3. The Controller's Office proposes to the Mayor and Board of Supervisors financial policies addressing reserves, use of volatile revenues, debt and financial measures in the case of disaster recovery and requires the City to adopt budgets consistent with these policies once approved. The Controller's Office may recommend additional financial policies or amendments to existing policies no later than October 1 of any subsequent fiscal year.
4. The City is required to submit labor agreements for all public employee unions by May 15.

Role of Controller; Budgetary Analysis and Projections

As Chief Fiscal Officer and City Services Auditor, the City Controller monitors spending for all officers, departments and employees charged with receipt, collection or disbursement of City funds. Under the Charter, no obligation to expend City funds can be incurred without a prior certification by the Controller that sufficient revenues are or will be available to meet such obligation as it becomes due in the then-current fiscal year, which ends June 30. The Controller monitors revenues throughout the fiscal year, and if actual revenues are less than estimated, the City Controller may freeze department appropriations or place departments on spending “allotments” which will constrain department expenditures until estimated revenues are realized. If revenues are in excess of what was estimated, or budget surpluses are created, the Controller can certify these surplus funds as a source for supplemental appropriations that may be adopted throughout the year upon approval of the Mayor and the Board of Supervisors. The City’s annual expenditures are often different from the estimated expenditures in the Annual Appropriation Ordinance due to supplemental appropriations, continuing appropriations of prior years, and unexpended current-year funds.

In addition to the five-year planning responsibilities discussed above, Charter Section 3.105 directs the Controller to issue periodic or special financial reports during the fiscal year. Each year, the Controller issues six-month and nine-month budget status reports to apprise the City’s policymakers of the current budgetary status, including projected year-end revenues, expenditures and fund balances. The Controller issued the most recent of these reports, the fiscal year 2017-18 Nine Month Report (the “Nine Month Report”), on May 11, 2018. The City Charter also directs the Controller to annually report on the accuracy of economic assumptions underlying the revenue estimates in the Mayor’s proposed budget. On June 12, 2018 the Controller released the Discussion of the Mayor’s fiscal year 2018-19 and fiscal year 2019-20 Proposed Budget (the “Revenue Letter” as described in “Budget Process” above). All of these reports are available from the Controller’s website: www.sfcontroller.org. The information from said website is not incorporated herein by reference. The six-month budget status report for fiscal year 2018-19 is expected to be published in February 2019.

General Fund Results: Audited Financial Statements

The General Fund portions of the fiscal year 2018-19 and 2019-20 Original Budgets total \$5.51 billion and \$5.52 billion, respectively, including appropriations, reserves, and transfers out. These amounts do not include expenditures of the enterprise fund departments such as the Airport, the MTA, the PUC, the Port and the City-owned hospitals (San Francisco General and Laguna Honda). Table A-2 shows Final Revised Budget revenues and appropriations for the City’s General Fund for fiscal years 2015- 16 and 2016-17 and the Original Budgets for fiscal years 2017-18, 2018-19, and 2019-20. See “PROPERTY TAXATION –Tax Levy and Collection,” “OTHER CITY TAX REVENUES” and “CITY GENERAL FUND PROGRAMS AND EXPENDITURES” herein.

The City’s most recently completed Comprehensive Annual Financial Report (the “CAFR,” which includes the City’s audited financial statements) for fiscal year 2016-17 was issued on December 29, 2017. The fiscal year 2016-17 CAFR reported that as of June 30, 2017, the General Fund balance available for appropriation in subsequent years was \$545.9 million (see Table A-4), of which \$183.3 million was assumed in the fiscal year 2017-18 Original Budget and \$288.2 million was assumed in the fiscal year 2018-19 Original Budget. This represents a \$110.7 million increase in available fund balance over the \$435 million available as of June 30, 2016 and resulted primarily from greater-than-budgeted additional tax

revenue, particularly property, business and transfer tax revenues, partially offset by under performance in sales, hotel and parking tax revenues in fiscal year 2016-17.

The City transitioned to a new financial management software system at the start of fiscal year 2017-18. Due to this conversion, the City expects to complete its fiscal year 2017-18 CAFR in March 2019. Unaudited fiscal year 2017-18 expenditures are not expected to vary materially from the projections published in the City's Nine Month Report, issued on May 11, 2018. Figures for fiscal year 2017-18 presented in this Official Statement are estimated and may change in the audited financial statements.

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TABLE A-2

CITY AND COUNTY OF SAN FRANCISCO
Budgeted General Fund Revenues and Appropriations for
Fiscal Years 2015-16 through 2019-20
(000s)

	2015-16 Final Revised Budget	2016-17 Final Revised Budget	2017-18 Original Budget ²	2018-19 Original Budget ³	2019-20 Original Budget
Prior-Year Budgetary Fund Balance & Reserves	\$1,236,090	\$178,109	\$187,182	\$250,121	\$224,857
<u>Budgeted Revenues</u>					
Property Taxes	\$1,291,000	\$1,412,000	\$1,557,000	\$1,728,000	\$1,743,000
Business Taxes	634,460	669,450	750,820	879,380	914,710
Other Local Taxes	1,062,535	1,117,245	1,112,570	1,053,390	1,058,420
Licenses, Permits and Franchises	27,163	28,876	29,964	30,833	31,015
Fines, Forfeitures and Penalties	4,550	4,580	4,579	3,125	3,156
Interest and Investment Earnings	10,680	13,970	18,180	27,270	27,540
Rents and Concessions	15,432	16,140	14,088	14,769	15,016
Grants and Subventions	900,997	959,099	1,019,167	1,051,643	1,062,592
Charges for Services	219,628	236,102	242,817	261,294	247,781
Other	31,084	61,334	39,959	41,050	41,356
Total Budgeted Revenues	\$4,197,529	\$4,518,796	\$4,789,144	\$5,090,754	\$5,144,586
Bond Proceeds & Repayment of Loans	\$918	\$881	\$110	\$87	-
<u>Expenditure Appropriations</u>					
Public Protection	\$1,211,007	\$1,266,148	\$1,331,196	\$1,403,620	\$1,453,652
Public Works, Transportation & Commerce	138,288	166,295	170,949	183,703	170,150
Human Welfare & Neighborhood Development	892,069	978,126	995,230	1,053,814	1,083,329
Community Health	751,416	763,496	884,393	943,631	893,763
Culture and Recreation	125,253	139,473	162,622	165,784	166,575
General Administration & Finance	235,647	252,998	358,588	391,900	418,497
General City Responsibilities ¹	113,672	134,153	152,390	183,159	188,171
Total Expenditure Appropriations	\$3,467,352	\$3,700,689	\$4,055,368	\$4,325,611	\$4,374,137
Budgetary reserves and designations, net	\$9,907	\$9,868	\$58,730	\$21,410	\$14,200
Transfers In	\$235,416	\$246,779	\$171,122	\$170,671	\$153,213
Transfers Out	(962,511)	(857,528)	(1,033,460)	(1,164,612)	(1,134,320)
Net Transfers In/Out	(\$727,095)	(\$610,749)	(\$862,338)	(\$993,941)	(\$981,107)
Budgeted Excess (Deficiency) of Sources					
Over (Under) Uses	\$1,230,182	\$376,480	\$0	\$0	\$0
Variance of Actual vs. Budget	296,673	249,475			
Total Actual Budgetary Fund Balance	\$1,526,855	\$625,955	\$0	\$0	\$0

¹ Over the past five years, the City has consolidated various departments to achieve operational efficiencies. This has resulted in changes in how departments were summarized in the service area groupings above for the time periods shown.

² Fiscal year 2017-18 Final Revised Budget will be available upon release of the fiscal year 2017-18 CAFR.

³ Fiscal year 2018-19 Original Budget Prior-Year Budgetary Fund Balance & Reserves will be reconciled with the previous year's Final Revised Budget.

Source: Office of the Controller, City and County of San Francisco.

The City prepares its budget on a modified accrual basis. Accruals for incurred liabilities, such as claims and judgments, workers' compensation, accrued vacation and sick leave pay are funded only as payments are required to be made. The audited General Fund balance as of June 30, 2017 was \$1.9 billion (as shown in Table A-3 and Table A-4) using Generally Accepted Accounting Principles ("GAAP"), derived from audited revenues of \$4.5 billion. Audited General Fund balances are shown in Table A-3 on both a budget basis and a GAAP basis with comparative financial information for the fiscal years ended June 30, 2013 through June 30, 2017.

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TABLE A-3

CITY AND COUNTY OF SAN FRANCISCO
Summary of Audited General Fund Balances
Fiscal Years 2012-13 through 2016-17
(000s)

	2012-13	2013-14	2014-15	2015-16	2016-17 ¹
Restricted for rainy day (Economic Stabilization account) ²	\$23,329	\$60,289	\$71,904	\$74,986	\$78,336
Restricted for rainy day (One-time Spending account) ²	3,010	22,905	43,065	45,120	47,353
Committed for budget stabilization (citywide)	121,580	132,264	132,264	178,434	323,204
Committed for Recreation & Parks expenditure savings reserve	15,907	12,862	10,551	8,736	4,403
<u>Assigned, not available for appropriation</u>					
Assigned for encumbrances	\$74,815	\$92,269	\$137,641	\$190,965	\$244,158
Assigned for appropriation carryforward	112,327	159,345	201,192	293,921	434,223
Assigned for budget savings incentive program (Citywide)	24,819	32,088	33,939	58,907	67,450
Assigned for salaries and benefits	6,338	10,040	20,155	18,203	23,051
Total Fund Balance Not Available for Appropriation	\$382,125	\$522,062	\$650,711	\$869,272	\$1,222,178
<u>Assigned and unassigned, available for appropriation</u>					
Assigned for litigation & contingencies	\$30,254	\$79,223	\$131,970	\$145,443	\$136,080
Assigned for General reserve	21,818	-	-	-	-
Assigned for subsequent year's budget	122,689	135,938	180,179	172,128	183,326
Unassigned for General Reserve	-	45,748	62,579	76,913	95,156
Unassigned - Budgeted for use second budget year	111,604	137,075	194,082	191,202	288,185
Unassigned - Contingency for second budget year	-	-	-	60,000	60,000
Unassigned - Available for future appropriation	6,147	21,656	16,569	11,872	14,409
Total Fund Balance Available for Appropriation	\$292,512	\$419,640	\$585,379	\$657,558	\$777,156
Total Fund Balance, Budget Basis	\$674,637	\$941,702	\$1,236,090	\$1,526,830	\$1,999,334
<u>Budget Basis to GAAP Basis Reconciliation</u>					
Total Fund Balance - Budget Basis	\$674,637	\$941,702	\$1,236,090	\$1,526,830	\$1,999,334
Unrealized gain or loss on investments	(1,140)	935	1,141	343	(1,197)
Nonspendable fund balance	23,854	24,022	24,786	522	525
Cumulative Excess Property Tax Revenues Recognized on Budget Basis	(38,210)	(37,303)	(37,303)	(36,008)	(38,469)
Cumulative Excess Health, Human Service, Franchise Tax and other Revenues on Budget Basis	(93,910)	(66,415)	(50,406)	(56,709)	(83,757)
Deferred Amounts on Loan Receivables	(20,067)	(21,670)	(23,212)	-	-
Pre-paid lease revenue	(4,293)	(5,709)	(5,900)	(5,816)	(5,733)
Total Fund Balance, GAAP Basis	\$540,871	\$835,562	\$1,145,196	\$1,429,162	\$1,870,703

Source: Office of the Controller, City and County of San Francisco.

¹ Fiscal year 2017-18 will be available upon release of the fiscal year 2017-18 CAFR.

² Additional information in City Budget - Rainy Day Reserves.

Table A-4, entitled “Audited Statement of Revenues, Expenditures and Changes in General Fund Balances,” is extracted from information in the City’s CAFR for the five most recent fiscal years. Prior years audited financial statements can be obtained from the City Controller’s website. Information from the City Controller’s website is not incorporated herein by reference. Excluded from this Statement of General Fund Revenues and Expenditures in Table A-4 are fiduciary funds, internal service funds, special revenue funds (which relate to proceeds of specific revenue sources which are legally restricted to expenditures for specific purposes) and all of the enterprise fund departments of the City, each of which prepares separate audited financial statements.

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TABLE A-4

CITY AND COUNTY OF SAN FRANCISCO
Audited Statement of Revenues, Expenditures and Changes in General Fund Balances
Fiscal Years 2012-13 through 2016-17¹
(000s)

	2012-13	2013-14	2014-15	2015-16	2016-17 ²
Revenues:					
Property Taxes	\$1,122,008	\$1,178,277	\$1,272,623	\$1,393,574	\$1,478,671
Business Taxes ³	479,627	562,896	609,614	659,086	700,536
Other Local Taxes	756,346	922,205	1,085,381	1,054,109	1,203,587
Licenses, Permits and Franchises	26,273	26,975	27,789	27,909	29,336
Fines, Forfeitures and Penalties	6,226	5,281	6,369	8,985	2,734
Interest and Investment Income	2,125	7,866	7,867	9,613	14,439
Rents and Concessions	35,273	25,501	24,339	46,553	15,352
Intergovernmental	720,625	827,750	854,464	900,820	932,576
Charges for Services	164,391	180,850	215,036	233,976	220,877
Other	14,142	9,760	9,162	22,291	38,679
Total Revenues	\$3,327,036	\$3,747,361	\$4,112,644	\$4,356,916	\$4,636,787
Expenditures:					
Public Protection	\$1,057,451	\$1,096,839	\$1,148,405	\$1,204,666	\$1,257,948
Public Works, Transportation & Commerce	68,014	78,249	87,452	136,762	166,285
Human Welfare and Neighborhood Development	660,657	720,787	786,362	853,924	956,478
Community Health	634,701	668,701	650,741	666,138	600,067
Culture and Recreation	105,870	113,019	119,278	124,515	139,368
General Administration & Finance	186,342	190,335	208,695	223,844	238,064
General City Responsibilities	81,657	86,968	98,620	114,663	121,444
Total Expenditures	\$2,794,692	\$2,954,898	\$3,099,553	\$3,324,512	\$3,479,654
Excess of Revenues over Expenditures	\$532,344	\$792,463	\$1,013,091	\$1,032,404	\$1,157,133
Other Financing Sources (Uses):					
Transfers In	\$195,272	\$216,449	\$164,712	\$209,494	\$140,272
Transfers Out	(646,912)	(720,806)	(873,741)	(962,343)	(857,629)
Other Financing Sources	4,442	6,585	5,572	4,411	1,765
Other Financing Uses	-	-	-	-	-
Total Other Financing Sources (Uses)	(\$447,198)	(\$497,772)	(\$703,457)	(\$748,438)	(\$715,592)
Excess (Deficiency) of Revenues and Other Sources Over Expenditures and Other Uses	\$85,146	\$294,691	\$309,634	\$283,966	\$441,541
Total Fund Balance at Beginning of Year	\$455,725	\$540,871	\$835,562	\$1,145,196	\$1,429,162
Total Fund Balance at End of Year -- GAAP Basis⁴	\$540,871	\$835,562	\$1,145,196	\$1,429,162	\$1,870,703
Assigned for Subsequent Year's Appropriations and Unassigned Fund Balance, Year End					
-- GAAP Basis	\$135,795	\$178,066	\$234,273	\$249,238	\$273,827
-- Budget Basis	\$240,410	\$294,669	\$390,830	\$435,202	\$545,920

¹ Summary of financial information derived from City CAFRs. Fund balances include amounts reserved for rainy day (Economic Stabilization and One-time Spending accounts), encumbrances, appropriation carryforwards and other purposes (as required by the Charter or appropriate accounting practices) as well as unreserved designated and undesignated available fund balances (which amounts constitute unrestricted General Fund balances).

² Fiscal year 2017-18 will be available upon release of the fiscal year 2017-18 CAFR.

³ Does not include business taxes allocated to special revenue fund for the Community Challenge Grant program.

³ Prior to adoption of GASB Statement 54 in 2011, titled "Unreserved & Undesignated Balance, Year End"

⁴ Total fiscal year 2012-13 amount is comprised of \$122.7 million in assigned balance subsequently appropriated for use in fiscal year 2013-14 plus \$117.8 million unassigned balance available for future appropriations.

Sources: Comprehensive Annual Financial Report; Office of the Controller, City and County of San Francisco.

Five-Year Financial Plan

The Five-Year Financial Plan (“Plan”) is required under Proposition A, a charter amendment approved by voters in November 2009. The Charter requires the City to forecast expenditures and revenues for the next five fiscal years, propose actions to balance revenues and expenditures during each year of the Plan, and discuss strategic goals and corresponding resources for City departments. Proposition A required that a Plan be adopted every two years. The City currently updates the Plan annually.

On January 4, 2019, the Mayor, Budget Analyst for the Board of Supervisors, and the Controller’s Office issued the Plan for fiscal years 2019-20 through 2023-24, which projects cumulative annual shortfalls of \$107.4 million, \$163.4 million, \$362.9 million, \$519.9 million, and \$643.9 million for fiscal years 2019-20 through 2023-24, respectively.

The Plan projects growth in General Fund revenues over the forecast period of 14%, primarily composed of growth in local tax sources. The revenue growth is offset by projected expenditure increases of 25% over the same period, primarily composed of growth in employee wages and health care costs, citywide operating expenses, and Charter mandated baselines and reserves. The City currently projects growth in General Fund sources of \$758.7 million over the Plan period, and expenditure growth of \$1.4 billion. Growth in salaries and benefits accounts for 43% or \$598.4 million of the cumulative shortfall. Growth in citywide operating costs accounts for 28.6% or \$400.6 million of the cumulative shortfall. Growth in Charter-mandated baselines and reserves accounts for 17% or \$238.9 million of the cumulative shortfall. Growth in individual department costs account for 11.7% or \$164.87 million of the cumulative shortfall. These figures incorporate the following key assumptions:

- **Changes in Employer Contribution Rates to City Retirement System:** Employer contribution rates are projected to increase during the first two years of the Plan and decline modestly in the final three years. This reflects the November 2018 decision of the San Francisco Retirement Board to lower the discount rate from 7.5% to 7.4%. The Plan does not assume any changes to existing funding policy, amortizes the 2018 supplemental COLA over five years per current policy, and assumes fiscal year 2018-19 investment returns at the 7.5% level.
- **Continued Increases in Wages and Health Care Costs:** The Plan assumes inflationary increases for most miscellaneous employees of 2.85% in fiscal year 2019-20, 3.08% in fiscal year 2020-21, 2.99% in fiscal year 2021-22, 3.03% in fiscal year 2022-23, and 3.01% in fiscal year 2023-24, as projected by the California Department of Finance and Moody’s. For police officers and firefighters, the Plan assumes the cost of all negotiated terms, including wage rate increases of 3% in fiscal years 2019-20 and 2020-21, and increases of CPI, as above, thereafter. Final negotiated increases will increase or decrease projected shortfalls. The Plan assumes the employer share of health and dental insurance costs for active employees will increase by approximately 6% per year. For retiree health benefits, the Plan assumes the City will continue its pay-as-you-go practice of funding amounts currently due for retirees. The growth in the retiree obligation has been estimated based on projected cost increases of approximately 6% per year.
- **Voter Adopted Revenue and Spending Requirements:** This Plan reflects the outcome of several local measures from 2018 elections, including voter adoption of a gross receipts tax on cannabis (November Proposition D) and the dedication of a portion of hotel tax revenue to arts and cultural organizations (November Proposition E). The Plan does not assume changes related to voter-approved measures to create dedicated gross receipts taxes on the lease of commercial space to

support child care and education (June Proposition C) or additional gross receipts and payroll taxes on certain large businesses dedicated to housing and homeless services (November Proposition C). With the exception of a portion of proceeds from the June 2018 measure, from which 15% is allocated to the General Fund, revenue from these two measures is dedicated to specific purposes and subject to legal risk, as discussed below. Given current legal risks, revenue from these measures will be collected but will not be made available for appropriation.

- **Property Tax Shifts:** On November 29, 2018, the Controller’s Office issued a memo notifying policymakers of a material update to current year revenue projections due to the reallocation of property tax revenue in the County’s Educational Revenue Augmentation Fund (ERAF). The Controller estimates the City will recognize approximately \$415.0 million in excess ERAF property tax revenue in the current year, of which \$208.0 million is attributable to fiscal year 2017-18 and \$207.0 million to fiscal year 2018-19. Under Charter provisions adopted by the voters, approximately \$78.0 million must be allocated to various baselines and approximately \$156.0 million to Rainy Day Reserves, leaving approximately \$181.0 million available for any purpose. Beginning in January 2019 the Board of Supervisors will consider proposed supplemental appropriations to spend these funds.
- **In-Home Supportive Services (IHSS) Cost Shift:** IHSS is an entitlement program which provides homecare services to 22,000 elderly and disabled San Franciscans and is funded by federal, state, and county sources. Due to changes in the fiscal year 2017-18 enacted State budget, significant costs for this program were shifted from the state to counties. Cost increases are projected to grow from \$56.0 million in fiscal year 2019-20 to \$111.5 million in fiscal year 2023-24, due to the combined effects of a locally-approved minimum wage increase as well as the State’s schedule of increasing cost shifts.

Beyond the IHSS Cost Shift, the Plan does not assume significant changes in funding at the state or federal levels. Although proposals that would have significant negative impact on the City budget have been discussed at both levels, it is unclear which will ultimately be adopted and what the specific impacts will be.

While the projected shortfalls reflect the difference in projected revenues and expenditures over the next five years if current service levels and policies continue, the Charter requires that each year’s budget be balanced. Balancing the budgets will require some combination of expenditure reductions and/or additional revenues. These projections assume no ongoing solutions are implemented. To the extent budgets are balanced with ongoing solutions, future shortfalls will decrease.

The Plan does not assume an economic downturn due to the difficulty of predicting recessions; however, the City has historically not experienced more than six consecutive years of economic expansion, and the current economic expansion has lasted over nine years.

City Budget Adopted for Fiscal Years 2018-19 and 2019-20

On July 31, 2018, Mayor Breed signed the Consolidated Budget and Annual Appropriation Ordinance (the “Original Budget”) for the fiscal years ending June 30, 2019 and June 30, 2020. This is the seventh two-year budget for the entire City. The adopted budget closed the \$38 million and \$99 million General Fund shortfalls for fiscal years 2018-19 and 2019-20 identified in the City’s March 31, 2018 update to the Five-Year Financial Plan through a combination of increased revenue and expenditure savings.

The Original Budget for fiscal year 2018-19 and fiscal year 2019-20 totals \$11.04 billion and \$11.10 billion respectively, representing a year over year increase of \$920 million in fiscal year 2018-19 and a year over year increase of \$59 million in fiscal year 2019-20. The General Fund portion of each year's budget is \$5.51 billion in fiscal year 2018-19 and \$5.52 billion in fiscal year 2019-20 representing year over year increases of \$364 million and \$11 million, respectively. There are 31,220 funded full-time positions in the fiscal year 2018-19 Original Budget and 31,579 in the fiscal year 2019-20 Original Budget representing year-over-year increases of 385 and 359 positions, respectively.

Other Budget Updates

On June 12, 2018, the Controller's Office issued the Controller's Discussion of the Mayor's fiscal year 2018-19 and fiscal year 2019-20 Proposed Budget ("Revenue Letter"). The report found that the revenue assumptions in the proposed and now-adopted budget are reasonable, voter-required baseline and set-aside requirements are met or exceeded, and that code-mandated reserves are funded and maintained at required levels.

The letter also certified that the Original Budget for fiscal years 2018-19 and 2019-20 adheres to the City's policy limiting the use of certain nonrecurring revenues to nonrecurring expenses. The policy can only be suspended for a given fiscal year by a two-thirds vote of the Board. Specifically, this policy limited the Mayor and Board's ability to use for operating expenses the following nonrecurring revenues: extraordinary year-end General Fund balance (defined as General Fund prior year unassigned fund balance before deposits to the Rainy Day Reserve or Budget Stabilization Reserve in excess of the average of the previous five years), the General Fund share of revenues from prepayments provided under long-term leases, concessions, or contracts, otherwise unrestricted revenues from legal judgments and settlements, and other unrestricted revenues from the sale of land or other fixed assets. Under the policy, these nonrecurring revenues may only be used for nonrecurring expenditures that do not create liability for or expectation of substantial ongoing costs, including but not limited to: discretionary funding of reserves, acquisition of capital equipment, capital projects included in the City's capital plans, development of affordable housing, and discretionary payment of pension, debt or other long-term obligations.

Impact of Potential Bankruptcy Filing by The Pacific Gas and Electric Company (PG&E)

Taxes and fees paid by PG&E total approximately \$90 million annually and include property taxes, franchise fees and business taxes, as well as the utility user taxes it remits on behalf of its customers. A bankruptcy filing by PG&E could cause delays in payments of taxes to the City. The City can give no assurance regarding the effect of a bankruptcy filing by PG&E, including whether such filing could cause a delay in payments of taxes to the City.

Impact of Recent Voter-Initiated and Approved Revenue Measures on Local Finances

On August 28, 2017, the California Supreme Court in California Cannabis Coalition v. City of Upland (August 28, 2017, No. S234148) interpreted Article XIIC, Section 2(b) of the State Constitution, which requires local government proposals imposing general taxes to be submitted to the voters at a general election (i.e. an election at which members of the governing body stand for election). The court concluded such provision did not to apply to tax measures submitted through the citizen initiative process. Under the Upland decision, citizens exercising their right of initiative may now call for general or special taxes on the ballot at a special election (i.e. an election where members of the governing body are not standing for

election). The court did not, however, resolve whether a special tax submitted by voter initiative needs only simple majority voter approval, and not the super-majority (i.e. two-thirds) voter approval required of special taxes placed on the ballot by a governing body. On June 5, 2018 voters of the City passed by majority vote two special taxes submitted through the citizen initiative process: a Commercial Rent Tax for Childcare and Early Education (“June Proposition C”) and a Parcel Tax for the San Francisco Unified School District (“Proposition G” and, together with June Proposition C, the “June Propositions C and G”). In addition, on November 6, 2018 voters passed by a majority vote a special tax submitted through the citizen initiative process: a Homelessness Gross Receipts Tax (“November Proposition C”) for homelessness prevention and services. The estimated annual values of June Propositions C and G are approximately \$146 million and \$50 million, respectively. The estimated annual value of November Proposition C is approximately \$250 million to \$300 million. Proceeds of these measures would need to be appropriated by the Board of Supervisors to be spent. The adopted fiscal year 2018-19 and 2019-20 budget does not appropriate any of these sources. Given current legal risks, the Controller’s Office has not certified these funds as available for appropriation. There is a risk that a court in the future could invalidate the levy and collection of the taxes approved by the propositions on the grounds that they were not approved by a super-majority vote. If a court struck down the propositions, the City could be obligated to refund all, or a portion of any taxes levied and collected for the measures. The City is seeking judicial validation of the propositions under Civil Code section 860 et seq. The City cannot predict the outcome of any litigation to resolve this issue.

Impact of the State of California Budget on Local Finances

Revenues from the State represent approximately 14% of the General Fund revenues appropriated in the Original Budget for fiscal years 2018-19 and 2019-20, and thus changes in State revenues could have a material impact on the City’s finances. In a typical year, the Governor releases two primary proposed budget documents: 1) the Governor’s Proposed Budget required to be submitted in January; and 2) the “May Revise” to the Governor’s Proposed Budget. The Governor’s Proposed Budget is then considered and typically revised by the State Legislature. Following that process, the State Legislature adopts, and the Governor signs, the State budget. City policy makers review and estimate the impact of both the Governor’s Proposed and May Revise Budgets prior to the City adopting its own budget.

On June 27, 2018, the Governor signed the Fiscal Year 2018-19 State Budget (the “2018-19 State Budget”), appropriating \$201.4 billion from the State’s General Fund and other State funds. In the 2018-19 State Budget, General Fund appropriations total \$138.7 billion, \$11.6 billion or 9% more than the 2017-18 budget. The State budget agreement focuses on maintaining fiscal prudence by continuing to pay down past budgetary borrowing and state employee pension liabilities and contributing to stabilization reserves. The budget increases funding to K-12 schools through the full implementation of the Local Control Funding Formula and increases funding to community colleges and the university systems. Among many investments to counteract poverty, the budget also includes \$500 million to assist local governments with efforts to address homelessness. Of the \$500 million the City is expected to receive approximately \$30 million, which is assumed in the City’s budget. The State budget also continues to implement the Road Repair and Accountability Act of 2017 (SB1) providing \$55 billion of new transportation infrastructure funding over the next 10 years. The City’s fiscal year 2018-19 budget assumes \$23.0 million of street-related capital funding and \$36.5 million for transit services and repair through the Road Repair and Accountability Act of 2017 (SB1). On November 6, 2018 voters rejected Proposition 6, which would have repealed the gas tax increase and resulted in a loss of these funds.

The final 2018-19 State Budget continues to re-base the In-Home Supportive Services Maintenance-of-Effort "IHSS MOE" agreement negotiated in 2012, as first proposed in the fiscal year 2017-18 budget. The City's budget assumes an additional General Fund cost of \$30.0 million in fiscal year 2018-19 or a total cost of \$67.9 million and an additional \$26.0 million or a total cost of \$86.8 million in fiscal year 2019-20 to support the IHSS program, partially offset by health and welfare realignment subventions.

On January 10, 2019, the Governor proposed the State budget for fiscal year 2019-20 (the "2019-20 Proposed State Budget"). The 2019-20 Proposed State Budget assumes moderate growth in revenues of approximately \$5.24 billion, with projected general fund revenues and transfers available in fiscal year 2019-20 totaling approximately \$147.9 billion and expenditures in such fiscal year totaling approximately \$144.2 billion. As a part of the expenditures for fiscal year 2019-20, the 2019-20 Proposed State Budget allocates approximately \$20.6 billion in discretionary spending, with approximately \$9.7 billion to pay down State liabilities, \$5.1 billion to one-time or temporary program spending and \$3 billion to discretionary reserves. The 2019-20 Proposed State Budget also estimates \$18.5 billion in reserves by the end of fiscal year 2019-20 which includes a balance of \$15.3 billion for the State's budget stabilization account, \$2.3 billion for the State's Constitutional rainy day fund and \$900 million for the State's safety net reserve which may be utilized for CalWORKS and Medi-Cal in the event of a recession.

Impact of Federal Government on Local Finances

The City is continuing to assess the potential material adverse changes in anticipated federal funding. Currently, these changes include, for example, potential increased costs associated with changes to or termination or replacement of the Affordable Care Act ("ACA"), potential withholding of federal grants or other federal funds flowing to "sanctuary jurisdictions," impact of new census questions related to immigration status, and the potential suspension or termination of other federal grants for capital projects. The scope and timing of such changes will not be known until the administration concretely proposes specific changes or Congress acts on such proposals, as applicable. As to potential withholding of funds for "sanctuary cities" the City has challenged in federal court the Presidential Executive Order that would cut funding from "sanctuary jurisdictions." The federal district court issued a permanent injunction in November 2017, and the case is currently on appeal at the Ninth Circuit. On August 1, 2018, the 9th Circuit Court of Appeal upheld the district's court's injunction against the President's Executive Order. The City will continue to monitor federal budget and policy changes but cannot at this time determine the financial impacts of any proposed federal budget changes. The fiscal year 2017-18 and 2018-19 budget created a \$50 million reserve to manage cost and revenue uncertainty related to potential federal and state changes to the administration and funding of the Affordable Care Act. In addition, the City's adopted fiscal year 2018-19 and 2019-20 budgets establish a \$40 million reserve to manage state, federal, and other revenue uncertainty and a \$70 million reserve to manage costs related to local wage and salary contingencies.

The effects of the federal tax reform approved by Congress on December 20, 2017 and effective on January 1, 2018 on San Francisco are not clear at this time. However, the local economy may be affected by the tax law's provisions, including: (1) creation of a \$10,000 cap on the state and local tax deduction, which will increase many residents' total tax liabilities and affect consumer spending; (2) repeal of the individual health insurance mandate under the ACA; (3) reduction in the mortgage interest tax deduction; and (4) reduction of corporate income tax rates.

The City receives substantial federal funds for assistance payments, social service programs and other programs. A portion of the City's assets are also invested in securities of the United States government. The City's finances may be adversely impacted by fiscal matters at the federal level, including but not limited to cuts to federal spending. For example, the City issued taxable obligations designated as "Build America Bonds," which BABs were entitled to receive a 35% subsidy payment from the federal government. In 2013, the United States federal government went through a period of sequestration and the 35% subsidy payment was reduced.

In the event Congress and the President fail to enact appropriations, budgets or debt ceiling increases on a timely basis in the future, such events could have a material adverse effect on the financial markets and economic conditions in the United States and an adverse impact on the City's finances. The City cannot predict the outcome of future federal budget deliberations and the impact that such budgets will have on the City's finances and operations.

Budgetary Reserves

Under the Charter, the Treasurer, upon recommendation of the City Controller, is authorized to transfer legally available moneys to the City's operating cash reserve from any unencumbered funds then held in the City's pooled investment fund. The operating cash reserve is available to cover cash flow deficits in various City funds, including the City's General Fund. From time to time, the Treasurer has transferred unencumbered moneys in the pooled investment fund to the operating cash reserve to cover temporary cash flow deficits in the General Fund and other City funds. Any such transfers must be repaid within the same fiscal year in which the transfer was made, together with interest at the rate earned on the pooled funds at the time the funds were used. See "INVESTMENT OF CITY FUNDS – Investment Policy" herein.

The City maintains an annual General Reserve to be used for current-year fiscal pressures not anticipated during the budget process. The policy, originally adopted on April 13, 2010, set the reserve equal to 1% of budgeted regular General Fund revenues in fiscal year 2012-13 and increasing by 0.25% each year thereafter until reaching 2% of General Fund revenues in fiscal year 2016-17. On December 16, 2014, the Board of Supervisors adopted financial policies to further increase the City's General Reserve from 2% to 3% of General Fund revenues between fiscal year 2017-18 and fiscal year 2020-21 while reducing the required deposit to 1.5% of General Fund revenues during economic downturns. The intent of this policy change is to increase reserves available during a multi-year downturn. The Original Budget for fiscal years 2018-19 and 2019-20 includes General Reserve starting balances of \$127.3 million and \$141.5 million, respectively.

In addition to the operating cash and general reserves, the City maintains two types of reserves to offset unanticipated expenses and which are available for appropriation to City departments by action of the Board of Supervisors. These include the Salaries and Benefit Reserve (Original Budget includes \$24.8 million for fiscal year 2018-19 and \$14.9 million in fiscal year 2019-20), and the Litigation Reserve (Original Budget includes \$10.9 million for fiscal year 2018-19 and \$11 million in fiscal year 2019-20). Balances in both reflect new appropriations to the reserves and do not include carry-forward of prior year balances. The Charter also requires set asides of a portion of departmental expenditure savings in the form of a citywide Budget Savings Incentive Reserve and a Recreation and Parks Budget Savings Incentive Reserve.

The City also maintains Rainy Day and Budget Stabilization reserves whose balances carry-forward annually and whose use is allowed under select circumstances described below.

Rainy Day Reserve

The City maintains a Rainy Day Reserve. Charter Section 9.113.5 requires that if the Controller projects total General Fund revenues for the upcoming budget year will exceed total General Fund revenues for the current year by more than five percent, then the City's budget shall allocate the anticipated General Fund revenues in excess of that five percent growth into two accounts within the Rainy Day Reserve and for other lawful governmental purposes. Effective January 1, 2015, Proposition C passed by the voters in November 2014 divided the existing Rainy Day Economic Stabilization Account into a City Rainy Day Reserve ("City Reserve") and a School Rainy Day Reserve ("School Reserve") with each reserve account receiving 50% of the existing balance. Additionally, any deposits to the reserve subsequent to January 1, 2015 will be allocated as follows:

- 37.5 percent of the excess revenues to the City Reserve;
- 12.5 percent of the excess revenues to the School Reserve;
- 25 percent of the excess revenues to the Rainy Day One-Time or Capital Expenditures account; and
- 25 percent of the excess revenues to any lawful governmental purpose.

Fiscal year 2016-17 revenue exceeded the deposit threshold by \$8.9 million, generating a deposit of \$5.6 million to the City Reserves. The combined balances of the Rainy Day Reserve's Economic Stabilization account and the Budget Stabilization Reserve are subject to a cap of 10% of actual total General Fund revenues as stated in the City's most recent independent annual audit. Amounts in excess of that cap in any year will be allocated to capital and other one-time expenditures.

Monies in the City Reserve are available to provide a budgetary cushion in years when General Fund revenues are projected to decrease from prior-year levels (or, in the case of a multi-year downturn, the highest of any previous year's total General Fund revenues). Monies in the Rainy Day Reserve's One-Time or Capital Expenditures account are available for capital and other one-time spending initiatives. The fiscal year 2016-17 combined ending balance of the One-Time and Economic Stabilization portions of the Reserve was \$125.7 million. The Five-Year Financial Plan assumes a deposit of \$19.5 million in the City's Rainy Day Reserves at fiscal year-end 2017-18 and \$130.0 million at the end of the current fiscal year, resulting in ending reserve balances of \$145.2 million and \$275.2 million, respectively. The Charter stipulates that the City is eligible to withdraw from the Rainy Day Reserves only when revenues decline from the prior year. Given (unaudited) revenue growth in fiscal year 2017-18 and budgeted and projected revenue growth in the current year, the City is not eligible to withdraw from the reserves.

Budget Stabilization Reserve

The Budget Stabilization Reserve augments the existing Rainy Day Reserve and is funded through the dedication of 75% of certain volatile revenues, including Real Property Transfer Tax ("RPTT") receipts in excess of the rolling five-year annual average (controlling for the effect of any rate increases approved by voters), funds from the sale of assets, and year-end unassigned General Fund balances beyond the amount assumed as a source in the subsequent year's budget.

Fiscal year 2016-17 RPTT receipts exceeded the five-year annual average by \$144.4 million and the ending general fund unassigned fund balance was \$57.6 million, triggering a \$57.6 million deposit. However, \$6.7 million of this deposit requirement was offset by the Rainy Day Reserve deposit, resulting in a \$144.8 million deposit to the Budget Stabilization Reserve and a fiscal year 2016-17 ending balance

of \$323.3 million. The City estimates a fiscal year 2017-18 reserve deposit of \$60.0 million given unaudited actual revenue and expenditures, bringing the estimated ending balance to \$383.3 million. The fiscal year 2018-19 and 2019-20 budgets assume no reserve deposits given projected RPTT receipts. Under Board-adopted reserve policies, the City may withdraw from the Reserve only when revenues decline from the prior year. Given (unaudited) revenue growth in fiscal year 2017-18 and budgeted and projected revenue growth in the current year, the City is not eligible to withdraw from the reserves. The Controller's Office determines deposits during year end close based on actual receipts during the prior fiscal year.

The maximum combined value of the Rainy Day Reserve and the Budget Stabilization Reserve is 10% of General Fund revenues, or \$498 million given unaudited fiscal year 2017-18 revenues. Projected fiscal year 2018-19 deposits would increase the reserve above this 10% cap. Under the City's current policy, once this threshold is reached, amounts are deposited into a non-recurring expenditure reserve that may be appropriated for capital expenditures, prepayment of future debts or liabilities, or other non-recurring expenditures. Given current estimates the City will deposit \$30.0 million into the non-recurring expenditure reserve. The Budget Stabilization Reserve has the same withdrawal requirements as the Rainy Day Reserve, however, there is no provision for allocations to the SFUSD. Withdrawals are structured to occur over a period of three years: in the first year of a downturn, a maximum of 30% of the combined value of the Rainy Day Reserve and Budget Stabilization Reserve could be drawn; in the second year, the maximum withdrawal is 50%; and, in the third year, the entire remaining balance may be drawn. No deposits are required in years when the City is eligible to withdraw.

The City's Five-Year Financial Plan shows the projected reserve balances in the City's maintained reserve categories at the close of fiscal year 2017-18 through fiscal year 2023-24. The information presented in Table 9 of the Five-Year Financial Plan may change in the audited financial statements for fiscal year 2017-18. See "CITY BUDGET – General Fund Results: Audited Financial Statements" herein.

THE SUCCESSOR AGENCY

Effect of the Dissolution Act

The San Francisco Redevelopment Agency (herein after the "Former Agency") was organized in 1948 by the Board of Supervisors pursuant to the Redevelopment Law. The Former Agency's mission was to eliminate physical and economic blight within specific geographic areas of the City designated by the Board of Supervisors. The Former Agency had redevelopment plans for nine redevelopment project areas.

As a result of AB 1X 26 and the decision of the California Supreme Court in the *California Redevelopment Association* case, as of February 1, 2012, (collectively, the "Dissolution Act"), redevelopment agencies in the State were dissolved, including the Former Agency, and successor agencies were designated as successor entities to the former redevelopment agencies to expeditiously wind down the affairs of the former redevelopment agencies and also to satisfy "enforceable obligations" of the former redevelopment agencies all under the supervision of a new oversight board, the State Department of Finance and the State Controller.

Pursuant to Ordinance No. 215-12 passed by the Board of Supervisors of the City on October 2, 2012 and signed by the Mayor on October 4, 2012, the Board of Supervisors (i) officially gave the following name to the successor of the Former Agency: the "Successor Agency to the Redevelopment Agency of the City and County of San Francisco," (the "Successor Agency") (ii) created the Successor Agency Commission as the

policy body of the Successor Agency, (iii) delegated to the Successor Agency Commission the authority to act to implement the surviving redevelopment projects, the replacement housing obligations and other enforceable obligations and the authority to take actions required by AB 26 and AB 1484 and (iv) established the composition and terms of the members of the Successor Agency Commission.

Because of the existence of enforceable obligations, the Successor Agency is authorized to continue to implement, through the issuance of tax allocation bonds, four major redevelopment projects that were previously administered by the Former Agency: (i) the Mission Bay North and South Redevelopment Project Areas, (ii) the Hunters Point Shipyard Redevelopment Project Area and Zone 1 of the Bayview Redevelopment Project Area, and (iii) the Transbay Redevelopment Project Area (collectively, the “Major Approved Development Projects”). In addition, the Successor Agency continues to manage Yerba Buena Gardens and other assets within the former Yerba Buena Center Redevelopment Project Area (“YBC”). The Successor Agency exercises land use, development and design approval authority for the Major Approved Development Projects and manages the former Redevelopment Agency assets in YBC in place of the Former Agency. The Successor Agency also issues CFD bonds from time to time to facilitate development in the major approved development projects in accordance with the terms of such enforceable obligations.

PROPERTY TAXATION

Property Taxation System – General

The City receives approximately one-third of its total General Fund operating revenues from local property taxes. Property tax revenues result from the application of the appropriate tax rate to the total assessed value of taxable property in the City. The City levies property taxes for general operating purposes as well as for the payment of voter-approved bonds. As a county under State law, the City also levies property taxes on behalf of all local agencies with overlapping jurisdiction within the boundaries of the City.

Local property taxation is the responsibility of various City officers. The Assessor computes the value of locally assessed taxable property. After the assessed roll is closed on June 30th, the City Controller issues a Certificate of Assessed Valuation in August which certifies the taxable assessed value for that fiscal year. The Controller also compiles a schedule of tax rates including the 1.0% tax authorized by Article XIII A of the State Constitution (and mandated by statute), tax surcharges needed to repay voter-approved general obligation bonds, and tax surcharges imposed by overlapping jurisdictions that have been authorized to levy taxes on property located in the City. The Board of Supervisors approves the schedule of tax rates each year by ordinance adopted no later than the last working day of September. The Treasurer and Tax Collector prepares and mails tax bills to taxpayers and collect the taxes on behalf of the City and other overlapping taxing agencies that levy taxes on taxable property located in the City. The Treasurer holds and invests City tax funds, including taxes collected for payment of general obligation bonds, and is charged with payment of principal and interest on such bonds when due. The State Board of Equalization assesses certain special classes of property, as described below. See “Taxation of State-Assessed Utility Property” below.

Assessed Valuations, Tax Rates and Tax Delinquencies

Table A-5 provides a recent history of assessed valuations of taxable property within the City. The property tax rate is composed of two components: 1) the 1.0% countywide portion, and 2) all voter-approved overrides which fund debt service for general obligation bond indebtedness. The total tax rate shown in

Table A-5 includes taxes assessed on behalf of the City as well as the SFUSD, County Office of Education (SFCOE), SFCCD, Bay Area Air Quality Management District (“BAAQMD”), and BART, all of which are legal entities separate from the City. See also, Table A-26: “Statement of Direct and Overlapping Debt and Long-Term Obligations” below. In addition to *ad valorem* taxes, voter-approved special assessment taxes or direct charges may also appear on a property tax bill.

Additionally, although no additional rate is levied, a portion of property taxes collected within the City is allocated to the Successor Agency (OCII). Property tax revenues attributable to the growth in assessed value of taxable property (known as “tax increment”) within the adopted redevelopment project areas may be utilized by OCII to pay for outstanding and enforceable obligations and a portion of administrative costs of the agency causing a loss of tax revenues from those parcels located within project areas to the City and other local taxing agencies, including SFUSD and SFCCD. Taxes collected for payment of debt service on general obligation bonds are not affected or diverted. The Successor Agency received \$153 million of property tax increment in fiscal year 2017-18, diverting about \$85 million that would have otherwise been apportioned to the City’s discretionary general fund.

The percent collected of property tax (current year levies excluding supplemental) was 99.14% for fiscal year 2017-18. Foreclosures, defined as the number of trustee deeds recorded by the Assessor-Recorder’s Office, numbered 111 for fiscal year 2017-18 compared to 92 in fiscal year 2016-17. The trustee deeds recorded in fiscal year 2011-12, 2012-13, 2013-14, 2014-15, and fiscal year 2015-16 were 804, 363, 187, 102 and 212 respectively.

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TABLE A-5

CITY AND COUNTY OF SAN FRANCISCO
Assessed Valuation of Taxable Property
Fiscal Years 2013-14 through 2018-19
(000s)

Fiscal Year	Net Assessed Valuation ¹ (NAV)	% Change from Prior Year	Total Tax Rate per \$100 ²	Total Tax Levy ³	Total Tax Collected ³	% Collected June 30
2013-14	172,489,208	4.5%	1.188	2,138,245	2,113,284	98.8%
2014-15	181,809,981	5.4%	1.174	2,139,050	2,113,968	98.8%
2015-16	194,392,572	6.9%	1.183	2,290,280	2,268,876	99.1%
2016-17	211,532,524	8.8%	1.179	2,492,789	2,471,486	99.1%
2017-18	234,074,597	10.7%	1.172	2,732,615	2,709,048	99.1%
2018-19	259,329,479 ⁴	10.8%	1.163	3,016,002	N/A	N/A

¹ Net Assessed Valuation (NAV) is Total Assessed Value for Secured and Unsecured Rolls, less Non-reimbursable Exemptions and Homeowner Exemptions.

² Annual tax rate for unsecured property is the same rate as the previous year's secured tax rate.

³ The Total Tax Levy and Total Tax Collected through fiscal year 2017-18 is based on year-end current year secured and unsecured levies as adjusted through roll corrections, excluding supplemental assessments, as reported to the State of California (available on the website of the California SCO). Total Tax Levy for fiscal year 2018-19 based upon initial assessed valuations times the secured property tax rate.

⁴ Based on initial assessed valuations for fiscal year 2018-19.

Source: Office of the Controller, City and County of San Francisco.

SCO source noted in (3): <http://www.sco.ca.gov/Files-ARD-Tax-Info/TaxDelinq/sanfrancisco.pdf>

At the start of fiscal year 2018-19, the total net assessed valuation of taxable property within the City was \$259.3 billion. Of this total, \$244.9 billion (94.4%) represents secured valuations and \$14.4 billion (5.6%) represents unsecured valuations. See "Tax Levy and Collection" below, for a further discussion of secured and unsecured property valuations.

Proposition 13 limits to 2% per year any increase in the assessed value of property, unless it is sold, or the structure is improved. The total net assessed valuation of taxable property therefore does not generally reflect the current market value of taxable property within the City and is in the aggregate substantially less than current market value. For this same reason, the total net assessed valuation of taxable property lags behind changes in market value and may continue to increase even without an increase in aggregate market values of property.

Under Article XIII A of the State Constitution added by Proposition 13 in 1978, property sold after March 1, 1975 must be reassessed to full cash value at the time of sale. Taxpayers can appeal the Assessor's determination of their property's assessed value, and the appeals may be retroactive and for multiple years. The State prescribes the assessment valuation methodologies and the adjudication process that counties must employ in connection with counties' property assessments.

The City typically experiences increases in assessment appeals activity during economic downturns and decreases in assessment appeals as the economy rebounds. Historically, during severe economic downturns, partial reductions of up to approximately 30% of the assessed valuations appealed have been granted. Assessment appeals granted typically result in revenue refunds, and the level of refund activity depends on the unique economic circumstances of each fiscal year. Other taxing agencies such as SFUSD, SFCOE, SFCCD, BAAQMD, and BART share proportionately in any refunds paid as a result of successful appeals. To mitigate the financial risk of potential assessment appeal refunds, the City funds appeal reserves for its share of estimated property tax revenues for each fiscal year.

In addition, appeals activity is reviewed each year and incorporated into the current and subsequent years' budget projections of property tax revenues. Refunds of prior years' property taxes from the discretionary General Fund appeals reserve fund for fiscal years 2013-14 through 2017-18 are listed in Table A-6 below.

TABLE A-6

CITY AND COUNTY OF SAN FRANCISCO
Refunds of Prior Years' Property Taxes
General Fund Assessment Appeals Reserve
Fiscal Years 2013-14 through 2017-18
(000s)

Fiscal Year	Amount Refunded
2013-14	\$25,756
2014-15	16,304
2015-16	16,199
2016-17	33,397
2017-18 ¹	33,613

¹ Unaudited

Source: Office of the Controller, City and County of San Francisco.

As of July 1, 2018, the Assessor granted 4,719 temporary reductions in property assessed values worth a total of \$278.16 million (equating to a reduction of approximately \$3.25 million in general fund taxes), compared to 7,090 temporary reductions in property assessed values worth a total of \$194.9 million (equating to a reduction of approximately \$2.3 million in general fund taxes) as of July 1, 2017. Of the total reductions, only 697 temporary reductions were granted for residential or commercial properties. The remaining 4,021 reductions were for timeshares. The July 2018 temporary reductions of \$278.16 million represent 0.11% of the fiscal year 2018-19 Net Assessed Valuation of \$259.3 billion shown in Table A-5. All of the temporary reductions granted are subject to review in the following year. Property owners who are not satisfied with the valuation shown on a Notice of Assessed Value may have a right to file an appeal with the Assessment Appeals Board ("AAB") within a certain period. For regular, annual secured property tax assessments, the period for property owners to file an appeal typically falls between July 2nd and September 15th.

As of June 30, 2018, the total number of open appeals before the AAB was 1,001, compared to 991 open AAB appeals as of June 30, 2017. As of June 30, 2018, there were 1,636 new applications filed during fiscal year 2017-18, compared to 1,499 new applications filed during the same period (June 30, 2017) of fiscal year 2016-17. Also, the difference between the current assessed value and the taxpayer's opinion of values for all the open appeals is \$13.4 billion. Assuming the City did not contest any taxpayer appeals and the Board upheld all the taxpayer's requests, a negative potential total property tax impact of about \$158.3 million would result. The General Fund's portion of that potential \$158.3 million would be approximately \$75.7 million.

The volume of appeals is not necessarily an indication of how many appeals will be granted, nor of the magnitude of the reduction in assessed valuation that the Assessor may ultimately grant. City revenue estimates take into account projected losses from pending and future assessment appeals.

Tax Levy and Collection

As the local tax-levying agency under State law, the City levies property taxes on all taxable property within the City's boundaries for the benefit of all overlapping local agencies, including SFUSD, SFCCD, the Bay Area Air Quality Management District and BART. The total tax levy for all taxing entities in fiscal year 2017-18 was estimated to produce about \$2.7 billion, not including supplemental, escape and special assessments that may be assessed during the year. Of total property tax revenues (including supplemental and escape property taxes), the City had budgeted to receive \$1.6 billion into the General Fund and \$201.5 million into special revenue funds designated for children's programs, libraries and open space. SFUSD and SFCCD were estimated to receive about \$176.3 million and \$33.1 million, respectively, and the local ERAF was estimated to receive \$580.0 million (before adjusting for the vehicle license fees ("VLF") backfill shift). The Successor Agency received \$153 million. The remaining portion was allocated to various other governmental bodies, various special funds, and general obligation bond debt service funds, and other taxing entities. Taxes levied to pay debt service for general obligation bonds issued by the City, SFUSD, SFCCD and BART may only be applied for that purpose.

Unaudited General Fund property tax revenues in fiscal year 2017-18 were \$1.66 billion, representing an increase of \$179.9 million (12.1%) over fiscal year 2016-17 actual revenue. Property tax revenue is budgeted at \$1.73 billion for fiscal year 2018-19 representing an increase of \$67.0 million (4.0%) over fiscal year 2017-18 unaudited actual. Fiscal year 2019-20 property tax revenue is budgeted at \$1.74 billion, \$15.0 million (or 0.9%) more than the fiscal year 2018-19 budget. Tables A-2 and A-4 set forth a history of budgeted and actual property tax revenues for fiscal years 2012-13 through 2016-17, and budgeted receipts for fiscal years 2017-18, 2018-19, and fiscal year 2019-20.

The City's General Fund is allocated about 48% of total property tax revenue before adjusting for the VLF backfill shift. The State's Triple Flip ended in fiscal year 2015-16, eliminating the sales tax in-lieu revenue from property taxes from succeeding fiscal years and shifting it to the local sales tax revenue line.

Generally, property taxes levied by the City on real property become a lien on that property by operation of law. A tax levied on personal property does not automatically become a lien against real property without an affirmative act of the City taxing authority. Real property tax liens have priority over all other liens against the same property regardless of the time of their creation by virtue of express provision of law.

Property subject to ad valorem taxes is entered as secured or unsecured on the assessment roll maintained by the Assessor-Recorder. The secured roll is that part of the assessment roll containing State-assessed property and property (real or personal) on which liens are sufficient, in the opinion of the Assessor-Recorder, to secure payment of the taxes owed. Other property is placed on the “unsecured roll.”

The method of collecting delinquent taxes is substantially different for the two classifications of property. The City has four ways of collecting unsecured personal property taxes: 1) pursuing civil action against the taxpayer; 2) filing a certificate in the Office of the Clerk of the Court specifying certain facts, including the date of mailing a copy thereof to the affected taxpayer, in order to obtain a judgment against the taxpayer; 3) filing a certificate of delinquency for recording in the Assessor-Recorder’s Office in order to obtain a lien on certain property of the taxpayer; and 4) seizing and selling personal property, improvements or possessory interests belonging or assessed to the taxpayer. The exclusive means of enforcing the payment of delinquent taxes with respect to property on the secured roll is the sale of the property securing the taxes. Proceeds of the sale are used to pay the costs of sale and the amount of delinquent taxes.

A 10% penalty is added to delinquent taxes that have been levied on property on the secured roll. In addition, property on the secured roll with respect to which taxes are delinquent is declared “tax defaulted” and subject to eventual sale by the Treasurer and Tax Collector of the City. Such property may thereafter be redeemed by payment of the delinquent taxes and the delinquency penalty, plus a redemption penalty of 1.5% per month, which begins to accrue on such taxes beginning July 1 following the date on which the property becomes tax-defaulted.

In October 1993, the Board of Supervisors passed a resolution that adopted the Alternative Method of Tax Apportionment (the “Teeter Plan”). This resolution changed the method by which the City apportions property taxes among itself and other taxing agencies. Additionally, the Teeter Plan was extended to include the allocation and distribution of special taxes levied for City and County of San Francisco Community Facilities District No. 2014-1 (Transbay Transit Center) in June 2017 (effective fiscal year 2017-18) and for the Bay Restoration Authority Parcel Tax, SFUSD School Facilities Special Tax, SFUSD School Parcel Tax, and City College Parcel Tax in October 2017 (effective fiscal year 2018-19). The Teeter Plan method authorizes the City Controller to allocate to the City’s taxing agencies 100% of the secured property taxes billed but not yet collected. In return, as the delinquent property taxes and associated penalties and interest are collected, the City’s General Fund retains such amounts. Prior to adoption of the Teeter Plan, the City could only allocate secured property taxes actually collected (property taxes billed minus delinquent taxes). Delinquent taxes, penalties and interest were allocated to the City and other taxing agencies only when they were collected. The City has funded payment of accrued and current delinquencies through authorized internal borrowing. The City also maintains a Tax Loss Reserve for the Teeter Plan as shown on Table A-7.

TABLE A-7

CITY AND COUNTY OF SAN FRANCISCO
Teeter Plan
Tax Loss Reserve Fund Balance
Fiscal Years 2013-14 through 2017-18
(000s)

Year Ended	Amount Funded
2013-14	\$19,654
2014-15	20,569
2015-16	22,882
2016-17	24,882
2017-18 ¹	25,567

¹ Unaudited

Source: Office of the Controller, City and County of San Francisco.

Assessed valuations of the aggregate ten largest assessment parcels in the City for the fiscal year beginning July 1, 2018 are shown in Table A-8. The City cannot determine from its assessment records whether individual persons, corporations or other organizations are liable for tax payments with respect to multiple properties held in various names that in aggregate may be larger than is suggested by the Office of the Assessor-Recorder.

TABLE A-8

CITY AND COUNTY OF SAN FRANCISCO
Top 10 Parcels Total Assessed Value
July 1, 2018

Assessee	Location	Parcel Number	Type	Total Assessed Value ¹	% of Basis of Levy ²
TRANSBAY TOWER LLC	415 MISSION ST	3720 009	OFFICE	\$1,336,595,294	0.515%
SUTTER BAY HOSPITALS ³	1101 VAN NESS AVE	0695 006	HOSPITAL	1,182,540,579	0.456
HWA 555 OWNERS LLC	555 CALIFORNIA ST	0259 026	OFFICE	1,018,418,547	0.393
ELM PROPERTY VENTURE LLC	101 CALIFORNIA ST	0263 011	OFFICE	984,858,015	0.380
PPF PARAMOUNT ONE MARKET PLAZA OWNER LP	1 MARKET ST	3713 007	OFFICE	834,307,207	0.322
SHR ST FRANCIS LLC	301 - 345 POWELL ST	0307 001	HOTEL	738,069,300	0.285
SFDC 50 FREMONT LLC	50 FREMONT ST	3709 019	OFFICE	689,319,255	0.266
GSW ARENA LLC	300 16TH STREET	8722 021	ENTERTAINMENT COMPI	659,966,629	0.254
KR MISSION BAY LLC	1800 OWENS ST	8727 008	OFFICE	558,150,177	0.215
P55 HOTEL OWNER LLC	55 CYRIL MAGNIN ST	0330 026	HOTEL	533,785,362	0.206
				\$8,536,010,365	

¹ Represents the Total Assessed Valuation (TAV) as of the Basis of Levy, which excludes assessments processed during the fiscal year. TAV includes land & improvements, personal property, and fixtures.

² The Basis of Levy is total assessed value less exemptions for which the state does not reimburse counties (e.g. those that apply to nonprofit organizations).

³ Nonprofit organization that is exempt from property taxes.

Source: Office of the Assessor-Recorder, City and County of San Francisco.

Taxation of State-Assessed Utility Property

A portion of the City's total net assessed valuation consists of utility property subject to assessment by the State Board of Equalization. State-assessed property, or "unitary property," is property of a utility system with components located in many taxing jurisdictions assessed as part of a "going concern" rather than as individual parcels of real or personal property. Unitary and certain other State-assessed property values are allocated to the counties by the State Board of Equalization, taxed at special county-wide rates, and the tax revenues distributed to taxing jurisdictions (including the City itself) according to statutory formulae generally based on the distribution of taxes in the prior year. The fiscal year 2018-19 valuation of property assessed by the State Board of Equalization is \$3.7 billion.

OTHER CITY TAX REVENUES

In addition to the property tax, the City has several other major tax revenue sources, as described below. For a discussion of State constitutional and statutory limitations on taxes that may be imposed by the City, including a discussion of Proposition 62 and Proposition 218, see "CONSTITUTIONAL AND STATUTORY LIMITATIONS ON TAXES AND EXPENDITURES" herein.

The following section contains a brief description of other major City-imposed taxes as well as taxes that are collected by the State and shared with the City.

Business Taxes

Through tax year 2014 businesses in the City were subject to payroll expense and business registration taxes. Proposition E approved by the voters in the November 6, 2012 election changed business registration tax rates and introduced a gross receipts tax which phases in over a five-year period beginning January 1, 2014, replacing the current 1.5% tax on business payrolls over the same period. Overall, the ordinance increases the number and types of businesses in the City that pay business tax and registration fees from approximately 7,500 currently to 15,000. Current payroll tax exclusions will be converted into a gross receipts tax exclusion of the same size, terms and expiration dates.

The payroll expense tax is authorized by Article 12-A of the San Francisco Business and Tax Regulation Code. The 1.5% payroll tax rate in 2013 was adjusted to 1.35% in tax year 2014, 1.16% in tax year 2015, 0.829% in tax year 2016, 0.71% in tax year 2017, and 0.38% in tax year 2018. The gross receipts tax ordinance, like the current payroll expense tax, is imposed for the privilege of "engaging in business" in San Francisco. The gross receipts tax will apply to businesses with \$1 million or more in gross receipts, adjusted by the Consumer Price Index going forward. Proposition E also imposes a 1.4% tax on administrative office business activities measured by a company's total payroll expense within San Francisco in lieu of the Gross Receipts Tax and increases annual business registration fees to as much as \$35,000 for businesses with over \$200 million in gross receipts. Prior to Proposition E, business registration taxes varied from \$25 to \$500 per year per subject business based on the prior year computed payroll tax liability. Proposition E increased the business registration tax rates to between \$75 and \$35,000 annually.

Business tax revenue (unaudited) in fiscal year 2017-18 is \$899.1 million (all funds), representing an increase of \$196.8 million (28%) from fiscal year 2016-17. Business tax revenue is budgeted at \$879.4 million in fiscal year 2018-19 representing a decrease of \$19.8 million (-2.2%) over fiscal year 2017-18 unaudited revenue. Business tax revenue is budgeted at \$914.7 million in fiscal year 2019-20

representing an increase of \$35.3 million (4.0%) over fiscal year 2018- 19 budget. As noted above, these figures do not assume gross receipts revenue related to either of the business tax measures approved by voters in 2018.

TABLE A-9

CITY AND COUNTY OF SAN FRANCISCO
Business Tax Revenues
Fiscal Years 2014-15 through 2019-20
All Funds
(000s)

Fiscal Year ¹	Revenue	Change	
2014-15	\$611,932	\$48,525	8.6%
2015-16	660,926	48,994	8.0%
2016-17	702,331	41,405	6.3%
2017-18 <i>unaudited</i> ²	899,143	196,812	28.0%
2018-19 <i>budgeted</i> ³	881,480	(17,663)	-2.0%
2019-20 <i>budgeted</i> ³	916,810	35,330	4.0%

¹ Figures for fiscal years 2014-15 through 2016-17 are audited actuals.

Includes portion of Payroll Tax allocated to special revenue funds for the Community Challenge Grant program, Business Registration Tax, and beginning in fiscal year 2013-14, Gross Receipts Tax revenues.

² Figure for fiscal year 2017-18 is unaudited.

³ Figures for fiscal year 2018-19 and 2019-20 are Original Budget amounts.

Source: Office of the Controller, City and County of San Francisco.

Transient Occupancy Tax (Hotel Tax)

Pursuant to the San Francisco Business and Tax Regulation Code, a 14.0% transient occupancy tax is imposed on occupants of hotel rooms and is remitted by hotel operators to the City monthly. A quarterly tax-filing requirement is also imposed. Hotel tax revenue growth is a function of changes in occupancy, average daily room rates (“ADR”) and room supply. Revenue per available room (RevPAR), the combined effect of occupancy and ADR, experienced double-digit growth rates between fiscal years 2013-14 and 2014-15, driving an average annual increase of 28.5% in hotel tax revenue during this period. RevPAR growth began to slow in fiscal year 2015-16 and then declined in fiscal year 2016-17, due mainly to the partial-year closure of the Moscone Convention Center. The Moscone Center re-opened in the second quarter of fiscal year 2017-18, and RevPAR is expected to partially recover. Unaudited hotel tax revenue in fiscal year 2017-18 is projected to be \$385.5 million, an increase of \$10.2 million (2.7%) from fiscal year 2016-17. In fiscal year 2018-19, hotel tax revenue is budgeted to be \$397.9 million, representing growth

of \$12.3 million (3.2%). In fiscal year 2019-20, hotel tax revenue is budgeted to be \$409.8 million, an increase of \$11.9 million (3.0%) from fiscal year 2018-19 budget. Budgeted hotel tax levels reflect the passage of a November 2018 ballot initiative (Proposition E) to shift a portion of hotel tax proceeds from the General Fund to arts and cultural programs effective January 1, 2019.

TABLE A-10

CITY AND COUNTY OF SAN FRANCISCO
Transient Occupancy Tax Revenues
Fiscal Years 2014-15 through 2019-20
All Funds
(000s)

Fiscal Year ¹	Tax Rate	Revenue	Change	
2014-15 ²	14.0%	\$399,364	\$86,226	27.5%
2015-16	14.0%	392,686	(6,678)	-1.7%
2016-17	14.0%	375,291	(17,395)	-4.4%
2017-18 <i>unaudited</i> ³	14.0%	385,551	10,260	2.7%
2018-19 <i>budgeted</i> ⁴	14.0%	397,896	12,345	3.2%
2019-20 <i>budgeted</i> ⁴	14.0%	409,840	11,945	3.0%

¹ Figures for fiscal year 2014-15 through fiscal year 2016-17 are audited actuals and include the portion of hotel tax revenue used to pay debt service on hotel tax revenue bonds.

² Figures in fiscal year 2014-15 are substantially adjusted due to multi-year audit and litigation resolution.

³ Figure for fiscal year 2017-18 represent unaudited actuals

⁴ Figures for fiscal year 2018-19 and 2019-20 are Original Budget amounts. These amounts include the portion of hotel tax revenue used to pay debt service on hotel tax revenue bonds, as well as the portion of hotel tax revenue dedicated to arts and cultural programming reflecting the passage of Proposition E in November 2018, which takes effect January 1, 2019.

Real Property Transfer Tax

A tax is imposed on all real estate transfers recorded in the City. Transfer tax revenue is more susceptible to economic and real estate cycles than most other City revenue sources. Prior to November 8, 2016, the rates were \$5.00 per \$1,000 of the sale price of the property being transferred for properties valued at \$250,000 or less; \$6.80 per \$1,000 for properties valued more than \$250,000 and less than \$999,999; \$7.50 per \$1,000 for properties valued at \$1.0 million to \$5.0 million; \$20.00 per \$1,000 for properties valued more than \$5.0 million and less than \$10.0 million; and \$25 per \$1,000 for properties valued at more than \$10.0 million. After the passage of Proposition W on November 8, 2016, transfer tax rates were amended, raising the rate to \$22.50 per \$1,000 for properties valued more than \$5.0 million and less than \$10.0 million; \$27.50 per \$1,000 for properties valued at more than \$10.0 million and less than \$25.0 million; and \$30.00 per \$1,000 for properties valued at more than \$25.0 million. This change resulted in an estimated additional \$30.3 million in transfer tax revenue in fiscal year 2017-18.

Unaudited real property transfer tax (“RPTT”) revenue for fiscal year 2017-18 is \$280.4 million, a \$130.1 million (31.7%) decrease from fiscal year 2016-17 revenue. Fiscal year 2018-19 RPTT revenue is budgeted to be \$228.0 million, \$52 million (18.7%) less than unaudited fiscal year 2017-18 revenue primarily due to the assumption that RPTT collections will return to their historic average. For fiscal year 2019-20, RPTT revenue is budgeted to be \$228 million, unchanged from fiscal year 2018-19 budget.

TABLE A-11

CITY AND COUNTY OF SAN FRANCISCO
Real Property Transfer Tax Receipts
Fiscal Years 2014-15 through 2019-20
(000s)

Fiscal Year ¹	Revenue	Change	
2014-15	\$314,603	\$52,678	20.1%
2015-16	269,090	(45,513)	-14.5%
2016-17	410,561	141,471	52.6%
2017-18 <i>unaudited</i> ²	280,416	(130,145)	-31.7%
2018-19 <i>budgeted</i> ³	228,000	(52,416)	-18.7%
2019-20 <i>budgeted</i> ³	228,000	-	0.0%

¹ Figures for fiscal year 2014-15 through 2016-17 are audited actuals.

² Figures for fiscal year 2017-18 are unaudited actuals.

³ Figures for fiscal year 2018-19 and 2019-20 are Original Budget amounts.

Source: Office of the Controller, City and County of San Francisco.

Sales and Use Tax

The sales tax rate on retail transactions in the City is 8.50%, of which 1.00% represents the City’s local share. The State collects the City’s local sales tax on retail transactions along with State and special district sales taxes, and then remits the local sales tax collections to the City. Between fiscal year 2004-05 and the first half of fiscal year 2015-16, the State diverted one-quarter of City’s 1.00% local share of the sales tax and replaced the lost revenue with a shift of local property taxes to the City from local school district funding. This “Triple Flip” concluded on December 31, 2015, after which point the full 1.00% local tax is recorded in the General Fund.

Unaudited local sales tax for fiscal year 2017-18 is \$192.9 million, \$3.4 million (1.8%) more than fiscal year 2016-17. Fiscal year 2018-19 revenue is budgeted to be \$196.9 million, an increase of \$3.9 million (2.0%) from fiscal year 2017-18. Fiscal year 2019-20 revenue is budgeted to be \$198.8 million, an increase of \$2.0 million (1.0%) from fiscal year 2018-19 budget.

Historically, sales tax revenues have been highly correlated to growth in tourism, business activity and population. This revenue is significantly affected by changes in the economy. In recent years, online retailers have contributed significantly to sales tax receipts, offsetting sustained declines in point of sale purchases.

In June 2018, the United States Supreme Court ruled in favor of South Dakota in the case of *South Dakota v. Wayfair, Inc.*, requiring out-of-state online retailers to collect sales taxes on sales to in-state residents. The impact of this ruling on sales tax revenues in the City remains unknown due to various factors. In California and other states, many large online retailers already collect and remit state and local sales and use taxes, including Wayfair and Amazon. However, out-of-state retailers, who have no physical presence in California and no agreements with affiliates, are not required to collect California sales and use tax. On December 11, 2018, the California Department of Tax and Fee Administration (CDTFA) announced that beginning April 1, 2019, out of state retailers with sales for delivery into California exceeding \$100,000 or with 200 or more separate transactions must collect and remit sales tax. These are the same thresholds in place in South Dakota that were reviewed by the United States Supreme Court in the Wayfair decision. It appears unlikely that Congress will adopt uniform national standards absent substantive issues at the state level, therefore the City expects actions adopted at the state level will remain in effect for the foreseeable future. The adopted budget does not assume revenue changes from this ruling or CDTFA action, however, it is likely to have a modest positive impact in the short term given the demographics and shopping patterns of City residents.

Table A-12 reflects the City's actual sales and use tax receipts for fiscal years 2014-15 through 2016-17, unaudited receipts for fiscal year 2017-18, and budgeted receipts for fiscal year 2018-19 and 2019-20. The fiscal year 2014-15 and 2015-16 figures include the imputed impact of the property tax shift made in compensation for the one-quarter sales tax revenue taken by the State's "Triple Flip."

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TABLE A-12

CITY AND COUNTY OF SAN FRANCISCO
Sales and Use Tax Revenues
Fiscal Years 2014-15 through 2019-20
(000s)

Fiscal Year ¹	Tax Rate	City Share	Revenue	Change	
2014-15	8.75%	0.75%	140,146	6,441	4.8%
2014-15 adj. ²	8.75%	1.00%	186,891	9,592	5.4%
2015-16	8.75%	0.75%	167,915	27,769	19.8%
2015-16 adj. ³	8.75%	1.00%	204,118	17,227	9.2%
2016-17	8.75%	1.00%	189,473	(14,645)	-8.7%
2017-18 <i>unaudited</i> ⁴	8.50%	1.00%	192,945	3,472	1.8%
2018-19 <i>budgeted</i> ⁵	8.50%	1.00%	196,870	3,925	2.0%
2019-20 <i>budgeted</i> ⁵	8.50%	1.00%	198,840	1,970	1.0%

¹ Figures for fiscal year 2014-15 through fiscal year 2016-17 are audited actuals. In November 2012 voters approved Proposition 30, which temporarily increased the state sales tax rate by 0.25% effective January 1, 2013 through December 31, 2016. The City share did not change.

² Adjusted figures represent the value of the entire 1.00% local sales tax, which was reduced by 0.25% beginning in fiscal year 2004-05 through December 31, 2015 in order to repay the State's Economic Recovery Bonds as authorized under Proposition 57 in March 2004. This 0.25% reduction is backfilled by

³ The 2015-16 adjusted figures include the State's final payment to the counties for the lost 0.25% of sales tax, from July 1, 2015 through December 31, 2015. It also includes a true-up payment for April through

⁴ Figures for fiscal year 2017-18 are unaudited.

⁵ Figures for fiscal year 2018-19 and 2019-20 are Original Budget amounts.

Source: Office of the Controller, City and County of San Francisco.

Utility Users Tax

The City imposes a 7.5% tax on non-residential users of gas, electricity, water, steam and telephone services. The Telephone Users Tax (“TUT”) applies to charges for all telephone communications services in the City to the extent permitted by Federal and State law, including intrastate, interstate, and international telephone services, cellular telephone services, and voice over internet protocol (“VOIP”). Telephone communications services do not include Internet access, which is exempt from taxation under the Internet Tax Freedom Act.

Unaudited fiscal year 2017-18 Utility User Tax (“UUT”) revenues of \$94.5 million represent a decline of \$6.7 million (6.7%) from fiscal year 2016-17. Fiscal year 2018- 19 UUT revenues are budgeted at \$99.1 million, a \$4.6 million (4.9%) increase from the 2017-18 unaudited revenues. Fiscal year 2019-20 revenues are budgeted at \$100.0 million, a \$0.9 million (1.0%) increase from the prior year budget.

Access Line Tax

The City imposes an Access Line Tax (“ALT”) on every person who subscribes to telephone communications services in the City. The ALT replaced the Emergency Response Fee (“ERF”) in 2009. It applies to each telephone line in the City and is collected from telephone communications service subscribers by the telephone service supplier. Unaudited access Line Tax revenue for fiscal year 2017-18 of \$51.3 million represents a \$4.7 million (10.2%) increase over fiscal year 2016-17. Fiscal year 2018-19 revenue is budgeted at \$51.9 million, a \$0.6 million (1.2%) increase from fiscal year 2017-18 unaudited revenues. Fiscal year 2019-20 revenue is budgeted at \$53.5 million, a \$1.6 million (3.2%) increase from the prior year. Budgeted amounts in fiscal year 2018-19 assume annual inflationary increases to the access line tax rate as allowed under Business and Tax Regulation Code Section 784.

Sugar Sweetened Beverage Tax

On November 9, 2016 voters adopted Proposition V, a one cent per ounce tax on the distribution of sugary beverages. This measure took effect on January 1, 2018 and raised \$7.9 million in fiscal year 2017-18 (unaudited), \$0.4 million (5.5%) over budget. Fiscal year 2018-19 and 2019-20 revenues are budgeted at a combined \$15.0 million, a slight decline from annualized fiscal year 2017-18 amounts.

Parking Tax

A 25% tax is imposed on the charge for off-street parking spaces. The tax is paid by occupants and remitted monthly to the City by parking facility operators. Historically, parking tax revenue was positively correlated with business activity and employment, both of which are projected to increase over the next two years as reflected in increases in business and sales tax revenue projections. However, widespread use of ride-sharing services and redevelopment of surface lots and parking garages into office and other uses have led to declines in this source over the past two fiscal years.

Unaudited fiscal year 2017-18 parking tax revenue of \$83.5 million represents a \$0.8 million (0.9%) decrease from fiscal year 2016-17 revenue. Parking tax revenue is budgeted at \$85.5 million in fiscal year 2018-19 and fiscal year 2019-20, a \$2.0 million (2.5%) increase from unaudited fiscal year 2017-18 revenues.

Parking tax revenues are deposited into the General Fund, from which an amount equivalent to 80% is transferred to the MTA for public transit as mandated by Charter Section 16.110.

INTERGOVERNMENTAL REVENUES

State – Realignment

San Francisco receives allocations of State sales tax and Vehicle License Fee (VLF) revenue for 1991 Health and Welfare Realignment and 2011 Public Safety Realignment.

1991 Health & Welfare Realignment. In fiscal year 2017-18, the (unaudited) General Fund share of 1991 realignment revenue of \$197.9 million represents a \$5.8 million (3.0%) increase from fiscal year 2016-17. The fiscal years 2018-19 and 2019-20 General Fund share of these revenues is budgeted at \$209.1 million and \$215.5 million, a net increase of \$11.2 million (5.6%) and \$6.4 million (3.1%) from the respective prior year, based on projected sales tax and VLF growth payments.

Since fiscal year 2014-15, the State has assumed that under the Affordable Care Act (ACA), counties will realize savings as a result of treating fewer uninsured patients. The State redirects these savings from realignment allocations to cover CalWORKs expenditures previously paid for by the State's General Fund. In fiscal year 2018-19, reductions to the City's allocation are assumed at \$12.0 million. However, they are projected to be offset by the true up payments from the State for fiscal year 2015-16. The fiscal year 2019-20 budget makes the same assumption as fiscal year 2018-19, projecting reductions to the City's allocation that are fully offset by true up payments from fiscal year 2016-17. Future budget adjustments could be necessary depending on final State determinations of ACA savings amounts, which are expected in January 2020 and January 2021 for fiscal year 2017-18 and fiscal year 2018-19, respectively. The fiscal year 2018-19 and 2019-20 realignment budget assumes the redirection of sales tax and VLF growth distributions from health and mental health allocations to social service allocations, consistent with IHSS assumptions enacted in the Governor's 2018-19 budget.

Public Safety Realignment. Public Safety Realignment (AB 109), enacted in early 2011, transfers responsibility for supervising certain kinds of felony offenders and state prison parolees from state prisons and parole agents to county jails and probation officers. Unaudited fiscal year 2017-18 revenue of \$37.4 million represents a \$2.1 million (5.5%) increase from fiscal year 2016-17 actuals. Based on the State's adopted budget for fiscal year 2018-19, this revenue is budgeted at \$39.0 million in fiscal year 2018-19, a \$1.6 million (4.2%) increase over fiscal year 2017-18, reflecting increased State funding to support implementation of AB109. The fiscal year 2019-20 budget assumes a \$1.2 million (3.1%) increase from the fiscal year 2018-19 budget.

Public Safety Sales Tax

State Proposition 172, passed by California voters in November 1993, provided for the continuation of a one-half percent sales tax for public safety expenditures. This revenue is a function of the City's proportionate share of Statewide sales activity. Unaudited fiscal year 2017-18 revenue of \$104.9 million represents a \$4.4 million (4.4%) increase from fiscal year 2016-17 revenues. In fiscal years 2018-19 and 2019-20, this revenue is budgeted at \$104.7 million and \$106.2 million, respectively, essentially flat in 2018-19 and representing growth of \$1.6 million (1.5%) in fiscal year 2019-20. These revenues are allocated to counties by the State separately from the local one-percent sales tax discussed above and are used to fund police and fire services. Disbursements are made to counties based on the county ratio, which is the county's percent share of total statewide sales taxes in the most recent calendar year. The county ratio for San Francisco in fiscal year 2016-17 is almost 3% and is expected to decline slightly in fiscal years 2017-18, 2018-19, and 2019-20.

Other Intergovernmental Grants and Subventions

In addition to those categories listed above, the City received \$626.37 million (unaudited) of funds in fiscal year 2017-18 from grants and subventions from the State and federal governments to fund public health, social services and other programs in the General Fund. This represents a \$3.8 million (0.6%) decrease from fiscal year 2016-17. The fiscal year 2018-19 budget of \$686.7 million is an increase of \$64.1 million (10.3%) over fiscal year 2017-18. The fiscal year 2019-20 budget is \$698.2 million, an increase of \$11.5 million (1.7%) over fiscal year 2018-19.

CITY GENERAL FUND PROGRAMS AND EXPENDITURES

Unique among California cities, San Francisco as a charter city and county must provide the services of both a city and a county. Public services include police, fire and public safety; public health, mental health and other social services; courts, jails, and juvenile justice; public works, streets, and transportation, including port and airport; construction and maintenance of all public buildings and facilities; water, sewer, and power services; parks and recreation; libraries and cultural facilities and events; zoning and planning, and many others. Employment costs are relatively fixed by labor and retirement agreements, and account for approximately 50% of all City expenditures. In addition, the Charter imposes certain baselines, mandates, and property tax set-asides, which dictate expenditure or service levels for certain programs, and allocate specific revenues or specific proportions thereof to other programs, including MTA, children’s services and public education, and libraries. Budgeted baseline and mandated funding is \$1.5 billion in fiscal year 2018-19 and \$1.5 billion in fiscal year 2019-20.

General Fund Expenditures by Major Service Area

San Francisco is a consolidated city and county, and budgets General Fund expenditures for both city and county functions in seven major service areas as described in table A-13 below:

TABLE A-13

CITY AND COUNTY OF SAN FRANCISCO					
Expenditures by Major Service Area					
Fiscal Years 2015-16 through 2019-20					
(000s)					
Major Service Areas	2015-16 Final Budget	2016-17 Final Budget	2017-18 Original Budget ¹	2018-19 Original Budget	2019-20 Original Budget
Public Protection	\$1,223,981	\$1,298,185	\$1,331,196	\$1,403,620	\$1,453,652
Human Welfare & Neighborhood Development	857,055	176,768	995,230	1,053,814	1,083,329
Community Health	787,554	970,679	884,393	943,631	893,763
General Administration & Finance	286,871	786,218	358,588	391,900	418,497
Culture & Recreation	137,062	158,954	162,622	165,784	166,575
General City Responsibilities	186,068	349,308	152,390	183,159	188,171
Public Works, Transportation & Commerce	161,545	154,344	170,949	183,703	170,150
Total*	\$3,640,137	\$3,894,456	\$4,055,368	\$4,325,611	\$4,374,137

*Total may not add due to rounding

¹ Fiscal year 2017-18 Final Revised Budget will be available upon release of the fiscal year 2017-18 CAFR.

Source: Office of the Controller, City and County of San Francisco.

Public Protection primarily includes the Police Department, the Fire Department and the Sheriff’s Office. These departments are budgeted to receive \$485 million, \$255 million and \$193 million of General Fund support respectively in fiscal year 2018-19 and \$514 million, \$265 million, and \$193 million, respectively in fiscal year 2019-20. Within Human Welfare & Neighborhood Development, the Department of Human Services, which includes aid assistance and aid payments and City grant programs, is budgeted to receive \$272 million of General Fund support in the fiscal year 2018-19 and \$286 million in fiscal year 2019-20.

The Public Health Department is budgeted to receive \$738 million in General Fund support for public health programs and the operation of San Francisco General Hospital and Laguna Honda Hospital in fiscal year 2018-19 and \$751 million in fiscal year 2019-20.

For budgetary purposes, enterprise funds are characterized as either self-supported funds or General Fund-supported funds. General Fund-supported funds include the Convention Facility Fund, the Cultural and Recreation Film Fund, the Gas Tax Fund, the Golf Fund, the Grants Fund, the General Hospital Fund, and the Laguna Honda Hospital Fund. The MTA is classified as a self-supported fund, although it receives an annual general fund transfer equal to 80% of general fund parking tax receipts pursuant to the Charter. This transfer is budgeted to be \$68.4 million in both fiscal years 2017-18 and 2018-19.

Baselines

The Charter requires funding for baselines and other voter-mandated funding requirements. The chart below identifies the required and budgeted levels of funding for key baselines and mandates. Revenue-driven baselines are based on the projected aggregate City discretionary revenues, whereas expenditure-driven baselines are typically a function of total spending. Table A-14 reflects fiscal year 2018-19 spending requirements at the time the fiscal year 2018-19 and fiscal year 2019-20 budget was finally adopted.

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TABLE A-14

CITY AND COUNTY OF SAN FRANCISCO
Baselines & Set-Asides
Fiscal Year 2018-19
(millions)

Baselines & Set-Asides	2018-19 Required Baseline	2018-19 Original Budget
<u>Municipal Transportation Agency (MTA)</u>		
Municipal Railway Baseline	\$244.6	\$244.6
Parking and Traffic Baseline	\$91.7	\$91.7
Population Adjustment	\$50.9	\$50.9
Children's Services	\$176.7	\$182.2
Transitional Aged Youth	\$21.2	\$28.1
Library Preservation	\$83.6	\$83.6
Recreation and Park Maintenance of Effort	\$73.2	\$75.5
Dignity Fund	\$47.1	\$47.1
Street Treet Maintenance Fund	\$19.8	\$19.8
City Services Auditor	\$18.8	\$18.8
Human Services Homeless Care Fund	\$17.6	\$17.6
<u>Public Education Enrichment Funding</u>		
Unified School District	\$74.6	\$74.6
Office of Early Care and Education	\$37.3	\$37.3
Public Education Baseline Services	\$10.6	\$10.6
<u>Property Tax Related Set-Asides</u>		
Municipal Symphony	\$3.2	\$3.2
Children's Fund Set-Aside	\$101.7	\$101.7
Library Preservation Set-Aside	\$63.6	\$63.6
Open Space Set-Aside	\$63.6	\$63.6
<u>Staffing and Service-Driven</u>		
Police Minimum Staffing		Requirement met
Total Baseline Spending	\$1,199.8	\$1,214.6

Source: Office of the Controller, City and County of San Francisco.

With respect to Police Department staffing, the Charter mandates a police staffing baseline of not less than 1,971 full-duty officers. The Charter-mandated baseline staffing level may be reduced in cases where civilian hires result in the return of a full-duty officer to active police work. The Charter also provides that the Mayor and Board of Supervisors may convert a position from a sworn officer to a civilian through the budget process. With respect to the Fire Department, the Administrative Code mandates baseline 24-hour staffing of 42 firehouses, the Arson and Fire Investigation Unit, no fewer than four ambulances and four Rescue Captains (medical supervisors).

EMPLOYMENT COSTS; POST-RETIREMENT OBLIGATIONS

The cost of salaries and benefits for City employees represents slightly less than half of the City's expenditures, totaling \$5.2 billion in the fiscal year 2018-19 Original Budget (all-funds), and \$5.4 billion in the fiscal year 2019-20 Original Budget. Looking only at the General Fund, the combined salary and benefits budget was \$2.3 billion in the fiscal year 2017-18 Original Budget and \$2.4 billion in the fiscal year 2018-19 Original Budget. This section discusses the organization of City workers into bargaining units, the status of employment contracts, and City expenditures on employee-related costs including salaries, wages, medical benefits, retirement benefits and the City's retirement system, and post-retirement health and medical benefits. Employees of SFUSD, SFCCD and the San Francisco Superior Court are not City employees.

Labor Relations

The City's budget for fiscal years 2018-19 and 2019-20 includes 31,220 and 31,579 budgeted and funded City positions, respectively. City workers are represented by 37 different labor unions. The largest unions in the City are the Service Employees International Union, Local 1021 ("SEIU"), the International Federation of Professional and Technical Engineers, Local 21 ("IFPTE"), and the unions representing police, fire, deputy sheriffs, and transit workers.

The wages, hours and working conditions of City employees are determined by collective bargaining pursuant to State law (the Meyers-Milias-Brown Act, California Government Code Sections 3500-3511) and the City Charter. San Francisco is unusual among California's cities and counties in that nearly all of its employees, even managers, are represented by labor organizations. Further, the City Charter provides a unique impasse resolution procedure. In most cities and counties, when labor organizations cannot reach agreement on a new contract, there is no mandatory procedure to settle the impasse. However, in San Francisco, nearly all of the City's contracts advance to interest arbitration in the event the parties cannot reach agreement. This process provides a mandatory ruling by an impartial third-party arbitrator, who will set the terms of the new agreement. Except for nurses and less than one-hundred unrepresented employees, the Charter requires that bargaining impasses be resolved through final and binding interest arbitration conducted by a tripartite mediation and arbitration panel. The award of the arbitration panel is final and binding. Wages, hours and working conditions of nurses are not subject to interest arbitration but are subject to Charter-mandated economic limits. Strikes by City employees are prohibited by the Charter. Since 1976, no City employees have participated in a union-authorized strike.

The City's employee selection procedures are established and maintained through a civil service system. In general, selection procedures and other merit system issues, with the exception of discipline, are not subject to arbitration. Disciplinary actions are generally subject to grievance arbitration, with the exception of police, fire and sheriff's employees.

In February 2017, the City negotiated two-year contract extensions (for fiscal years 2017-18 and 2018-19) with most of its labor unions. The parties agreed to a wage increase schedule of 3% on July 1, 2017 and 3% on July 1, 2018, with a provision to delay the fiscal year 2018-19 adjustment by six months if the City's deficit for fiscal year 2018-2019, as projected in the March 2018 Update to the Five Year Financial Plan, exceeds \$200 million (the March 2018 Update projected a \$37.9 million deficit for fiscal year 2018-19). MTA and TWU, along with unions representing MTA service critical employees, agreed to two-year contract extensions with the same wage provisions and term as those contracts covering City employees. The agreement with supervising nurses expires in June 2019.

In May 2018, the City negotiated three-year agreements (for fiscal years 2018-19 through 2020-21) with the Police Officers' Association ("POA") and the Municipal Executives' Association ("MEA") – Police Chiefs. The POA contract was resolved through interest arbitration. The POA and MEA – Police contracts included a wage schedule increase of 3% (July 1, 2018), 3% (July 1, 2019), 2% (July 1, 2020), and 1% (January 1, 2021). The final two increases are subject to a six-month delay if the March 2020 Five-Year Financial Plan update projects a budget deficit of more than \$200 million.

The City also negotiated three-year agreements with the Firefighters Local 798 ("798") and the MEA – Fire Chiefs in May 2018. The 798 contract was a mediated arbitration award. The 798 and MEA – Fire contracts included a wage schedule increase of 3% (July 1, 2018), 3% (July 1, 2019), and 3% (July 1, 2020). The final increase is subject to a six-month delay if the March 2020 Five-Year Financial Plan projects a budget deficit of more than \$200 million.

Also, in May 2018, the City negotiated contract extensions with the Union of American Physicians and Dentists ("UAPD") and SEIU – H-1 Fire Rescue Paramedics. UAPD agreed to a one-year extension with a wage increase of 3% on July 1, 2018. The H-1 Fire Rescue Paramedics agreed to a two-year extension with a wage increase schedule of 3% (July 1, 2018) and 3% (July 1, 2019).

Except for the safety unions, the City will negotiate new contracts with all unions in the Spring of 2019. The MTA will also negotiate new contracts at that time. The MTA is responsible for negotiating contracts for the transit operators and employees in service-critical bargaining units pursuant to Charter Section 8A.104. These contracts are subject to approval by the MTA Board. Table A-15 shows the membership of each operating employee bargaining unit and the date the current labor contract expires.

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TABLE A-15

CITY AND COUNTY OF SAN FRANCISCO (All Funds)
Employee Organizations as of July 1, 2018

<u>Organization</u>	<u>City Budgeted Positions</u>	<u>Expiration Date of MOU</u>
Auto Machinist, Lodge 1414	495	30-Jun-19
BrickLayers, Local 3 / Hod Carriers, Local 36	10	30-Jun-19
Building Inspectors Association	93	30-Jun-19
CAIR/CIR (Interns & Residents)	0	30-Jun-21
Carpenters, Local 22	114	30-Jun-19
Carpet, Linoleum & Soft Tile	3	30-Jun-19
Cement Masons, Local 300	45	30-Jun-19
Electrical Workers, Local 6	949	30-Jun-19
Firefighters, Local 798	1,887	30-Jun-21
Glaziers, Local 718	13	30-Jun-19
Hod Carriers, Local 36	8	30-Jun-19
Iron Workers, Local 377	15	30-Jun-19
Laborers, Local 261	1,141	30-Jun-19
Municipal Attorneys Association	470	30-Jun-19
Municipal Exec Assoc - Fire	9	30-Jun-21
Municipal Exec Assoc - Misc	1,390	30-Jun-19
Municipal Exec Assoc - Police	16	30-Jun-21
Operating Engineers, Local 3	65	30-Jun-19
Physician/Dentists, UAPD	204	30-Jun-19
Pile Drivers, Local 34	37	30-Jun-19
Plasterers & Shphnds, Local 66	0	30-Jun-19
Plumbers, Local 38	350	30-Jun-19
Police Officers Association	2,584	30-Jun-21
Prof & Tech Eng, Local 21	6,254	30-Jun-19
Roofers, Local 40	13	30-Jun-19
SEIU 1021, H-1 Paramedics	1	30-Jun-20
SEIU 1021, Misc.	12,547	30-Jun-19
SEIU 1021, Staff & Per Diem RNs	1,720	30-Jun-19
SF City Workers United	133	30-Jun-19
SF Deputy Sheriffs Assn	819	30-Jun-19
SF Probation Off Assoc	153	30-Jun-19
SF Sheriff's Managers and Supv	109	30-Jun-19
SFDA Investigators Assn	45	30-Jun-19
SFIPOA, Op Eng, Local 3	1	30-Jun-19
Sheet Metal Workers, Local 104	41	30-Jun-19
Stationary Engineers, Local 39	694	30-Jun-19
Sup Probation Ofcr, Op Eng 3	32	30-Jun-19
Teamsters, Local 853	174	30-Jun-19
Teamsters, Local 856 Multi-Unit	111	30-Jun-19
Teamsters, Local 856 Spv Nurses	127	30-Jun-19
Theatrical Stage Emp, Local 16	27	30-Jun-19
TWU Local 200	374	30-Jun-19
TWU Local 250-A, AutoServWrkr	141	30-Jun-19
TWU Local 250-A, Misc	110	30-Jun-19
TWU Local 250-A, TranFareInsp	50	30-Jun-19
TWU Local 250-A, TransitOpr	2,615	30-Jun-19
Unrepresented Employees	89	30-Jun-19
	36,276 ¹	

¹ Budgeted positions do not include SFUSD, SFCCD, or Superior Court Personnel.
Budgeted positions include authorized positions that are not currently funded.

Source: Department of Human Resources - Employee Relations Division, City and County of San Francisco.

San Francisco City and County Employees' Retirement System ("SFERS" or "Retirement System")

History and Administration

SFERS is charged with administering a defined-benefit pension plan that covers substantially all City employees and certain other employees. The Retirement System was initially established by approval of City voters on November 2, 1920 and the State Legislature on January 12, 1921 and is currently codified in the City Charter. The Charter provisions governing the Retirement System may be revised only by a Charter amendment, which requires an affirmative public vote at a duly called election.

The Retirement System is administered by the Retirement Board consisting of seven members, three appointed by the Mayor, three elected from among the members of the Retirement System, at least two of whom must be actively employed, and a member of the Board of Supervisors appointed by the President of the Board of Supervisors.

The Retirement Board appoints an Executive Director and an Actuary to aid in the administration of the Retirement System. The Executive Director serves as chief executive officer of SFERS. The Actuary's responsibilities include advising the Retirement Board on actuarial matters and monitoring of actuarial service providers. The Retirement Board retains an independent consulting actuarial firm to prepare the annual valuation reports and other analyses. The independent consulting actuarial firm is currently Cheiron, Inc., a nationally recognized firm selected by the Retirement Board pursuant to a competitive process.

In 2014, the Retirement System filed an application with the Internal Revenue Service ("IRS") for a Determination Letter. In July 2014, the IRS issued a favorable Determination Letter for SFERS. Issuance of a Determination Letter constitutes a finding by the IRS that operation of the defined benefit plan in accordance with the plan provisions and documents disclosed in the application qualifies the plan for federal tax-exempt status. A tax qualified plan also provides tax advantages to the City and to members of the Retirement System. The favorable Determination Letter included IRS review of all SFERS provisions, including the provisions of Proposition C approved by the City voters in November 2011. This 2014 Determination Letter has no operative expiration date pursuant to Revenue Procedure 2016-37. The IRS does not intend to issue new determination letters except under special exceptions.

Membership

Retirement System members include eligible employees of the City, SFUSD, SFCCD, and the San Francisco Trial Courts.

The Retirement System estimates that the total active membership as of July 1, 2017 is 41,867, compared to 40,051 at July 1, 2016. Active membership at July 1, 2017 includes 7,381 terminated vested members and 1,039 reciprocal members. Terminated vested members are former employees who have vested rights in future benefits from SFERS. Reciprocal members are individuals who have established membership in a reciprocal pension plan such as CalPERS and may be eligible to receive a reciprocal pension from the Retirement System in the future. Monthly retirement allowances are paid to approximately 29,127 retired members and beneficiaries. Benefit recipients include retired members, vested members receiving a vesting allowance, and qualified survivors.

Table A-16 shows total Retirement System participation (City, SFUSD, SFCCD, and San Francisco Trial Courts) as of the five most recent actuarial valuation dates, July 1, 2013 through July 1, 2017.

TABLE A-16

**City and County of San Francisco
Employees' Retirement System
July 1, 2013 through July 1, 2017**

As of July 1st	Active Members	Vested Members	Reciprocal Members	Total Non-retired	Retirees/ Continuants	Active to Retiree Ratio
2013	28,717	4,933	1,040	34,690	26,034	1.103
2014	29,516	5,409	1,032	35,957	26,852	1.099
2015	30,837	5,960	1,024	37,821	27,485	1.122
2016	32,406	6,617	1,028	40,051	28,286	1.146
2017	33,447	7,381	1,039	41,867	29,127	1.148

Sources: SFERS' annual Actuarial Valuation Report dated July 1st.
See <http://mysfers.org/resources/publications/sfers-actuarial-valuations/>. The information therein is not incorporated by reference in this Official Statement.

Notes: Member counts exclude DROP participants.
Member counts are for the entire Retirement System and include non-City employees.

Funding Practices

Employer and employee (member) contributions are mandated by the Charter. Sponsoring employers are required to contribute 100% of the actuarially determined contribution approved by the Retirement Board. The Charter specifies that employer contributions consist of the normal cost (the present value of the benefits that SFERS expects to become payable in the future attributable to a current year's employment) plus an amortization of the unfunded liability over a period not to exceed 20 years. The Retirement Board sets the funding policy subject to the Charter requirements.

The Retirement Board adopts the economic and demographic assumptions used in the annual valuations. Demographic assumptions such as retirement, termination and disability rates are based upon periodic demographic studies performed by the consulting actuarial firm approximately every five years. Economic assumptions are reviewed each year by the Retirement Board after receiving an economic experience analysis from the consulting actuarial firm.

At the November 2018 Retirement Board meeting, the Board voted to lower the assumed long-term investment earnings assumption from 7.50% to 7.40%, maintain the long-term wage inflation assumption at 3.50%, and lower the long-term consumer price inflation assumption from 3.00% to 2.75%. These economic assumptions will be in effect for the July 1, 2018 actuarial valuation. The Board had previously lowered the long-term wage inflation assumption from 3.75% to 3.50% at its November 2017 meeting effective for the July 1, 2017 actuarial valuation. In November 2015 the Board voted to update demographic assumptions, including mortality, after review of a new demographic assumptions study by the consulting actuarial firm.

While employee contribution rates are mandated by the Charter, sources of payment of employee contributions (i.e. City or employee) may be the subject of collective bargaining agreements with each union or bargaining unit. Since July 1, 2011, substantially all employee groups have agreed through

collective bargaining for employees to contribute all employee contributions through pre-tax payroll deductions.

Prospective purchasers of the City's debt obligations should carefully review and assess the assumptions regarding the performance of the Retirement System. Audited financials and actuarial reports may be found on the Retirement System's website, mysfers.org, under Publications. The information on such website is not incorporated herein by reference. There is a risk that actual results will differ significantly from assumptions. In addition, prospective purchasers of the City's debt obligations are cautioned that the information and assumptions speak only as of the respective dates contained in the underlying source documents and are therefore subject to change.

Employer Contribution History and Annual Valuations

Fiscal year 2015-16 total City employer contributions were \$496.3 million which included \$215.2 million from the General Fund. Fiscal year 2016-17 total City employer contributions were \$519.1 million which included \$230.1 million from the General Fund. For fiscal year 2017-18, total City employer contributions to the Retirement System are budgeted at \$568.7 million which includes \$265.8 million from the General Fund. These budgeted amounts are based upon the fiscal year 2017-18 employer contribution rate of 23.46% (estimated to be 20.1% after taking into account the 2011 Proposition C cost-sharing provisions). The fiscal year 2018-19 employer contribution rate is 23.31% (estimated to be 19.8% after cost-sharing). The slight decrease in employer contribution rate from 23.46% to 23.31% reflects investment returns better than assumed and the reduction in wage inflation from 3.75% to 3.50% offset by a new Supplemental COLA effective July 1, 2017 and the continued phase-in of the 2015 assumption changes approved by the Retirement Board. As discussed under "City Budget – Five Year Financial Plan" increases in retirement costs are projected in the City's Five Year Financial Plan.

Table A-17 shows total Retirement System liabilities, assets and percent funded for the last five actuarial valuations as well as contributions for the fiscal years 2012-13 through 2016-17. Information is shown for all employers in the Retirement System (City, SFUSD, SFCCD and San Francisco Trial Courts). "Actuarial Liability" reflects the actuarial accrued liability of the Retirement System measured for purposes of determining the funding contribution. "Market Value of Assets" reflects the fair market value of assets held in trust for payment of pension benefits. "Actuarial Value of Assets" refers to the plan assets with investment returns different than expected smoothed over five years to provide a more stable contribution rate. The "Market Percent Funded" column is determined by dividing the market value of assets by the actuarial accrued liability. The "Actuarial Percent Funded" column is determined by dividing the actuarial value of assets by the actuarial accrued liability. "Employee and Employer Contributions" reflects the total of mandated employee contributions and employer contributions received by the Retirement System in the fiscal year ended June 30th prior to the July 1st valuation date.

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TABLE A-17

**City and County of San Francisco
Employees' Retirement System
Fiscal Years 2012-13 through 2016-17
(000s)**

As of July 1st	Actuarial Liability	Market Value of Assets	Actuarial Value of Assets	Market Percent Funded	Actuarial Percent Funded	Employee & Employer Contributions in prior FY	Employer Contribution Rates ¹ in prior FY
2013	\$20,224,777	\$17,011,545	\$16,303,397	84.1%	80.6%	\$701,596	20.71%
2014	21,122,567	19,920,607	18,012,088	94.3	85.3	821,902	24.82
2015	22,970,892	20,428,069	19,653,339	88.9	85.6	894,325	26.76
2016	24,403,882	20,154,503	20,654,703	82.6	84.6	849,569	22.80
2017	25,706,090	22,410,350	22,185,244	87.2	86.3	868,653	21.40

¹ Employer contribution rates for fiscal years 2017-18 and 2018-19 are 23.46% and 23.31%, respectively.

Sources: SFERS' audited year-end financial statements and required supplemental information.

SFERS' annual Actuarial Valuation Report dated July 1st.

See <http://mysfers.org/resources/publications/>. The information on such website is not incorporated hereing by reference.

Note: Information above reflects entire Retirement System, not just the City and County of San Francisco.

As shown in the table above as of July 2017, the Market Percent Funded ratio is higher than the Actuarial Percent Funded ratio in 2017. The Actuarial Percent Funded ratio does not yet fully reflect the net asset gains from the last five fiscal years.

The actuarial accrued liability is measured by an independent consulting actuary in accordance with Actuarial Standards of Practice. In addition, an actuarial audit is conducted every five years in accordance with Retirement Board policy.

Governmental Accounting Standards Board ("GASB") Disclosures

The Retirement System discloses accounting and financial reporting information under GASB Statement No. 67, *Financial Reporting for Pension Plans*. This statement was first implemented by the Retirement System in fiscal year 2013-14. The City discloses accounting and financial information about the Retirement System under GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*. This accounting statement was first effective in fiscal year 2014-15. These accounting statements separated financial reporting from funding and required additional disclosures in the notes to the financial statements and required supplemental information. In general, the City's funding of its pension obligations are not affected by the GASB 68 changes to the reporting of the City's pension liability. Funding requirements are specified in the City Charter and are described in "Funding Practices" above.

Total Pension Liability reported under GASB Statements No. 67 and 68 differs from the Actuarial Liability calculated for funding purposes in several ways, including the following differences. First, Total Pension Liability measured at fiscal year-end is a roll-forward of liabilities calculated at the beginning of the year and is based upon a beginning of year census adjusted for significant events that occurred during the year. Second, Total Pension Liability is based upon a discount rate determined by a blend of the assumed investment return, to the extent the fiduciary net position is available to make payments, and a municipal bond rate, to the extent that the fiduciary net position is unavailable to make payments. Differences between the discount rate and assumed investment return have been small, ranging from zero to six basis

points at the last five fiscal year-ends. The third distinct difference is that Total Pension Liability includes a provision for Supplemental COLAS that may be granted in the future, while Actuarial Liability for funding purposes includes only Supplemental COLAS that have been already been granted.

Table A-17A below shows for the five most recent fiscal years the collective Total Pension Liability, Plan Fiduciary Net Position (market value of assets), and Net Pension Liability for all employers who sponsor the Retirement System. The City's audited financial statements disclose only its own proportionate share of the Net Pension Liability and other required GASB 68 disclosures.

TABLE A-17A

City and County of San Francisco						
Employees' Retirement System						
GASB 67/68 Disclosures						
Fiscal Years 2012-13 through 2016-17						
(000s)						
As of June 30th	Collective Total Pension Liability (TPL)	Discount Rate	Plan Fiduciary Net Position	Plan Net Position as % of TPL	Collective Net Pension Liability (NPL)	City and County's Proportionate Share of NPL
2013	\$20,785,417	7.52 %	\$17,011,545	81.8 %	\$3,773,872	\$3,552,075
2014	21,691,042	7.58	19,920,607	91.8	1,770,435	1,660,365
2015	22,724,102	7.46	20,428,069	89.9	2,296,033	2,156,049
2016	25,967,281	7.50	20,154,503	77.6	5,812,778	5,476,653
2017	27,403,715	7.50	22,410,350	81.8	4,993,365	4,697,131

Sources: SFERS fiscal year-end GASB 67/68 Reports as of June 30, 2013, 2014, 2015, 2016 and 2017.

Notes: Collectivity amounts include all employees (City and County, SFUSD, SFCCD, Superior Courts)

The fiscal year 2017 decline in the City's net pension liability is due to investment return during the fiscal year that exceeded the assumed 7.50%.

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Asset Management

The assets of the Retirement System, (the “Fund”) are invested in a broadly diversified manner across the institutional global capital markets. In addition to U.S. equities and fixed income securities, the Fund holds international equities, global sovereign and corporate debt, global public and private real estate and an array of alternative investments including private equity and venture capital limited partnerships. For a breakdown of the asset allocation as of June 30, 2017, see the City’s CAFR.

Annualized investment returns (net of fees and expenses) for the Retirement System for the five years ending June 30, 2017 were 9.98%. For the ten-year and twenty-year periods ending June 30, 2017, annualized investment returns were 5.40% and 7.46% respectively.

The investments, their allocation, transactions and proxy votes are regularly reviewed by the Retirement Board and monitored by an internal staff of investment professionals who in turn are advised by external consultants who are specialists in the areas of investments detailed above. A description of the Retirement System’s investment policy, a description of asset allocation targets and current investments, and the Annual Report of the Retirement System are available upon request from the Retirement System by writing to the San Francisco Retirement System, 1145 Market Street, 5th Floor, San Francisco, California 94103, or by calling (415) 487-7020. Certain documents are available at the Retirement System website at www.mysfers.org. These documents are not incorporated herein by reference.

2011 Voter Approved Changes to the Retirement Plan

The levels of SFERS plan benefits are established under the Charter and approved directly by the voters, rather than through the collective bargaining process. Changes to retirement benefits require a voter-approved Charter amendment. As detailed below, the most recent changes to SFERS plan benefits have been intended to reduce pension costs associated with future City employees.

Voters of San Francisco approved Proposition C in November 2011 which provided the following:

1. New SFERS benefit plans for Miscellaneous and Safety employees commencing employment on or after January 7, 2012, which raise the minimum service retirement age for Miscellaneous members from 50 to 53; limit covered compensation to 85% of the IRC §401(a)(17) limits for Miscellaneous members and 75% of the IRC §401(a)(17) limits for Safety members; calculate final compensation using highest three-year average compensation; and decrease vesting allowances for Miscellaneous members by lowering the City’s funding for a portion of the vesting allowance from 100% to 50%;
2. Employees commencing employment on or after January 7, 2012 otherwise eligible for membership in CalPERS may become members of SFERS;
3. Cost-sharing provisions which increase or decrease employee contributions to SFERS on and after July 1, 2012 for certain SFERS members based on the employer contribution rate set by the Retirement Board for that year. For example, Miscellaneous employees hired on or after November 2, 1976 pay a Charter-mandated employee contribution rate of 7.5% before-cost-sharing. However, after cost-sharing those who earn between \$50,000 and \$100,000 per year pay a fluctuating rate in the range of 3.5% to 11.5 and those who earn \$100,000 or more per year pay a fluctuating rate in the range of 2.5% to 12.5%. Similar fluctuating employee contributions are also required from Safety employees; and

4. Effective July 1, 2012, no Supplemental COLA will be paid unless SFERS is fully funded on a market value of assets basis and, for employees hired on or after January 7, 2012, Supplemental COLA benefits will not be permanent adjustments to retirement benefits - in any year when a Supplemental COLA is not paid, all previously paid Supplemental COLAs will expire.

A retiree organization has brought a legal action against the requirement in Proposition C that SFERS be fully funded in order to pay the Supplemental COLA. In that case, *Protect our Benefits (POB) v. City of San Francisco* (1st DCA Case No. A140095), the Court of Appeals held that changes to the Supplemental COLA adopted by the voters in November 2011 under Proposition C could not be applied to current City employees and those who retired after November 1996 when the Supplemental COLA provisions were originally adopted, but could be applied to SFERS members who retired before November 1996. This decision is now final and its implementation increased the July 1, 2016 unfunded actuarial liability by \$429.3 million for Supplemental COLAs granted retroactive to July 1, 2013 and July 1, 2014.

On July 13, 2016, the SFERS Board adopted a Resolution to exempt members who retired before November 6, 1996, from the “fully funded” provision related to payment of Supplemental COLAs under Proposition C. The Resolution directed that retroactive payments for Supplemental COLAs be made to these retirees. After the SFERS Board adopted the Resolution, the Retirement System published an actuarial study on the cost to the Fund of payments to the pre-1996 retirees. The study reports that the two retroactive supplemental payments will trigger immediate payments of \$34 million, create additional liability for continuing payments of \$114 million, and cause a new unfunded liability of \$148 million. This liability does not include the Supplemental COLA payments that may be triggered in the future. Under the cost sharing formulas in Proposition C, the City and its employees will pay for these costs in the form of higher yearly contribution rates. The Controller has projected the future cost to the City and its employees to be \$260 million, with over \$200 million to be paid in the next five fiscal years. The City obtained a permanent injunction to prevent SFERS from making Supplemental COLA payments to these members who retired before November 6, 1996. The Retirement Board has appealed the Superior Court’s injunction, and the schedule for that appeal is not yet known.

In August 2012, Governor Brown signed the Public Employee Pension Reform Act of 2012 (“PEPRA”). Current plan provisions of SFERS are not subject to PEPRA although future amendments may be subject to these reforms.

Recent Changes in the Economic Environment and the Impact on the Retirement System

As of June 30, 2017, the audited market value of Retirement System assets was \$22.4 billion. As of December 31, 2018, the unaudited market value of SFERS’ portfolio was \$24.1 billion. These values represent, as of the date specified, the estimated value of the Retirement System’s portfolio if it were liquidated on that date. The Retirement System cannot be certain of the value of certain of its portfolio assets and, accordingly, the market value of the portfolio could be more or less. Moreover, appraisals for classes of assets that are not publicly traded are based on estimates which typically lag changes in actual market value by three to six months. Representations of market valuations are audited at each fiscal year end as part of the annual audit of the Retirement System’s financial statements.

The Retirement System investment portfolio is structured for long-term performance. The Retirement System continually reviews investment and asset allocation policies as part of its regular operations and continues to rely on an investment policy which is consistent with the principles of diversification and the search for long-term value. Market fluctuations are an expected investment risk for any long-term

strategy. Significant market fluctuations are expected to have significant impact on the value of the Retirement System investment portfolio.

A decline in the value of SFERS Trust assets over time, without a commensurate decline in the pension liabilities, will result in an increase in the contribution rate for the City. No assurance can be provided by the City that contribution rates will not increase in the future, and that the impact of such increases will not have a material impact on City finances.

Other Employee Retirement Benefits

As noted above, various City employees are members of CalPERS, an agent multiple-employer public employee defined benefit plan for safety members and a cost-sharing multiple-employer plan for miscellaneous members. The City makes certain payments to CalPERS in respect of such members, at rates determined by the CalPERS board. Such payment from the General Fund equaled \$19.2 million in fiscal year 2012-13 and \$20.0 million in fiscal year 2013-14. For fiscal year 2014-15, the City prepaid its annual CalPERS obligation at a level of \$25.2 million. Further discussion of the City's CalPERS plan obligations is summarized in Note 9 to the City's CAFR, as of June 30, 2017. A discussion of other post-employment benefits, including retiree medical benefits, is provided below under "Medical Benefits – Post-Employment Health Care Benefits and GASB 45."

Medical Benefits

Administration through San Francisco Health Service System; Audited System Financial Statements

Medical and COBRA benefits for eligible active City employees and eligible dependents, for retired City employees and eligible dependents, and for surviving spouses and domestic partners of covered City employees (the "City Beneficiaries") are administered by the San Francisco Health Service System (the "San Francisco Health Service System" or "SFHSS") pursuant to City Charter Sections 12.200 *et seq.* and A8.420 *et seq.* Pursuant to such Charter Sections, the San Francisco Health Service System also administers medical benefits to active and retired employees of SFUSD, SFCCD and the San Francisco Superior Court (collectively the "System's Other Beneficiaries"). However, the City is not required to fund medical benefits for the System's Other Beneficiaries and therefore this section focuses on the funding by the City of medical and dental benefits for City Beneficiaries.

The San Francisco Health Service System is overseen by the City's Health Service Board (the "Health Service Board"). The seven member Health Service Board is composed of members including a seated member of the City's Board of Supervisors, appointed by the Board President; an individual who regularly consults in the health care field, appointed by the Mayor; a doctor of medicine, appointed by the Mayor; a member nominated by the Controller and approved by the Health Service Board, and three members of the San Francisco Health Service System, active or retired, elected from among their members. The plans (the "SFHSS Medical Plans") for providing medical care to the City Beneficiaries and the System's Other Beneficiaries (collectively, the "SFHSS Beneficiaries") are determined annually by the Health Service Board and approved by the Board of Supervisors pursuant to Charter Section A8.422.

The San Francisco Health Service System oversees a trust fund (the "Health Service Trust Fund") established pursuant to Charter Sections 12.203 and A8.428 through which medical benefits for the SFHSS Beneficiaries are funded. The San Francisco Health Service System issues annually a publicly available, independently audited financial report that includes financial statements for the Health Service Trust Fund. This report may be obtained on the SFHSS website or by writing to the San Francisco Health Service

System, 1145 Market Street, Third Floor, San Francisco, California 94103, or by calling (415) 554-1727. Audited annual financial statements for several years are also posted on the SFHSS website. The information available on such website is not incorporated in this Official Statement by reference.

As presently structured under the City Charter, the Health Service Trust Fund is not a fund through which assets are accumulated to finance post-employment healthcare benefits (an "Other Post-Employment Benefits Trust Fund"). Thus, the Health Service Trust Fund is not currently affected by GASB Statement Number 45, *Financial Reporting for Postemployment Benefit Plans Other Than Pensions* ("GASB 45"), or GASB Statement Number 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*, which applies to OPEB trust funds.

Determination of Employer and Employee Contributions for Medical Benefits

According to the City Charter Section A8.428, the City's contribution towards SFHSS Medical Plans for active employees and retirees is determined by the results of a survey annually of the amount of premium contributions provided by the 10 most populous counties in California (other than the City). The survey is commonly called the 10-County Average Survey and is used to determine "the average contribution made by each such County toward the providing of health care plans, exclusive of dental or optical care, for each employee of such County." Under City Charter Section A8.428, the City is required to contribute to the Health Service Trust Fund an amount equal to such "average contribution" for each City Beneficiary.

In the Memoranda of Understandings negotiated through collective bargaining in June 2014, the 10-County Average was eliminated in the calculation of premiums for active employees represented by most unions and exchanged for a percentage-based employee premium contribution. The long-term impact of the premium contribution model is anticipated to be a reduction in the relative proportion of the projected increases in the City's contributions for healthcare, stabilization of the medical plan membership and maintenance of competition among plans. The contribution amounts are paid by the City into the Health Service Trust Fund. The 10-County Average is still used as a basis for calculating all retiree premiums. To the extent annual medical premiums exceed the contributions made by the City as required by the Charter and union agreements, such excess must be paid by SFHSS Beneficiaries or, if elected by the Health Service Board, from net assets also held in the Health Service Trust Fund. Medical benefits for City Beneficiaries who are retired or otherwise not employed by the City (e.g., surviving spouses and surviving domestic partners of City retirees) ("Nonemployee City Beneficiaries") are funded through contributions from such Nonemployee City Beneficiaries and the City as determined pursuant to Charter Section A8.428. The San Francisco Health Service System medical benefit eligibility requirements for Nonemployee City Beneficiaries are described below under "*– Post-Employment Health Care Benefits and GASB 45.*"

Contributions relating to Nonemployee City Beneficiaries are also based on the negotiated methodologies found in most of the union agreements and, when applicable, the City contribution of the "10-County average contribution" corresponding to such Nonemployee City Beneficiaries as described in Charter Section A8.423 along with the following:

Monthly contributions from Nonemployee City Beneficiaries in amounts equal to the monthly contributions required from active employees excluding health coverage or subsidies for health coverage paid for active employees as a result of collective bargaining. However, such monthly contributions from Nonemployee City Beneficiaries covered under Medicare are reduced by an amount equal to the amount contributed monthly by such persons to Medicare. In addition to the 10-County Average contribution, the City contributes additional amounts in respect of the Nonemployee City Beneficiaries sufficient to

defray the difference in cost to the San Francisco Health Service System in providing the same health coverage to Nonemployee City Beneficiaries as is provided for active employee City Beneficiaries, excluding health coverage or subsidies for health coverage paid for active employees as a result of collective bargaining.

After application of the calculations described above, the City contributes 50% of monthly contributions required for the first dependent.

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City Contribution for Retirees

The City contributes the full employer contribution amount for medical coverage for eligible retirees who were hired on or before January 9, 2009. For retirees who were hired on or after January 10, 2009, there are five coverage / employer contribution classifications based on certain criteria outlined in the table below. In 2019, the provision for retirees who have at least 10 but less than 15 years of Credited Service with the Employers will apply for the first time.

Retiree Medical Coverage / Employer Contribution for Those Hired On or After January 10, 2009	
Years of Credited Service at Retirement	Percentage of Employer Contribution Established in Charter Section A8.428 Subsection (b)(3)
Less than 5 year of Credited Service with the Employers (except for the surviving spouses or surviving domestic partners of active employees who died in the line of duty)	No Retiree Medical Benefits Coverage
At least 5 but less than 10 years of Credited Service with the Employers; or greater than 10 years of Credited Service with the Employers but not eligible to receive benefits under Subsections (a)(4), (b)(5) (A8.428 Subsection (b)(6))	0% - Access to Retiree Medical Benefits Coverage. Including Access to Dependent Coverage
At least 10 but less than 15 years of Credited Service with the Employers (AB.428 Subsection (b)(5))	50%
At least 15 but less than 20 years pf Credited Service with the Employers (AB.428 Subsection (b)(5))	75%
At least 20 years of Credited Service with the Employer; Retired Persons who retired for disability; surviving spouses or surviving domestic partners of active employees who died in the line of duty (AB.428 Subsection (b)(4))	100%

Health Care Reform

The following discussion is based on the current status of the Patient Protection and Affordable Care Act (the “ACA”). Many attempts have been made to completely repeal the ACA, however full repeal has been unsuccessful thus far. Two pieces of legislation, passed by Congress in December 2017 and January 2018, respectively, have amended and repealed some of the fiscal requirements of the law.

In December 2017, Congress passed the Tax Cuts and Jobs Act (the “ACT”). The ACT eliminated the ACA’s individual mandate penalty effective beginning after December 31, 2018. This does not end the mandate, rather eliminates the tax penalty for violating the mandate. The ACA mandate that requires employers,

with 50 or more full-time employees, to offer full-time workers ACA-compliant health coverage is still in place. Eligibility for health benefits is offered to employees who are employed, on average, at least 20 hours of service per week. In addition, the employer reporting obligations under the ACA remains unchanged. In January 2018, approximately 50,000 1095 forms were distributed to SFHSS members documenting compliance to this mandate.

The potential impact with the repeal of the individual mandate may: 1) increase uncompensated care costs, which is generally passed onto plan sponsors, employers and other payers, 2) destabilize the individual market leading to more employees and dependents electing high cost, limit duration COBRA benefits instead of buying coverage elsewhere, and 3) limit the opportunity for plan sponsors/employers to leverage the healthcare marketplace as a coverage vehicle for groups such as part-time employees or pre-65 retirees. In addition, the overall cost of health care may increase as a result of changes in risk pools due to the young, healthy population not electing coverage.

On January 22, 2018 Congress approved the delay of three ACA taxes that impact SFHSS rates for medical coverage. The taxes are:

- **Excise Tax on High-cost Employer-sponsored Health Plans**

The Excise Tax on High-cost Employer-sponsored Health Plans (Cadillac Tax) is a 40% excise tax on high-cost coverage health plans. Implementation of the tax has been delayed twice and is now effective in 2022. SFHSS continues to evaluate the future impact of the cost of medical benefits for all coverage tiers and it is expected that the plans for pre-65 retirees will trigger the tax first.

- **Health Insurance Tax (“HIT”)**

The ACA also imposed a tax on health insurance providers, which was passed on to employer sponsored fully-insured plans in the form of higher premiums. A moratorium on this tax was in place for 2017, and the spending bill passed by Congress in January 2018 includes another moratorium for 2019.

- **Medical Device Excise Tax**

The ACA’s medical device excise tax imposes a 2.3 percent tax on sales of medical devices (except certain devices sold at retail). Implementation of the tax is delayed until 2020.

The Patient Centered Outcomes Research Institute (“PCORI”) fee is a provision of the Affordable Care Act and sunsets after the 2018 plan year. Beginning in 2013, the PCORI Fee was assessed at the rate of \$2.00 per enrollee per year to all participants in the Self-Insured medical-only plan. The 2018 plan year PCORI fee is \$2.39 per enrollee per year and was factored into the calculation of medical premium rates and premium equivalents for the 2018 plan year. The final payment for the PCORI fee, due in July 2019, will be approximately \$6,000.

State Legislation

Beginning in 2019, the California Managed Care Organization (MCO) Tax will apply to all managed care plans which include the City’s Blue Shield plans. The MCO tax was enacted by California Senate Bill X2-2 (Hernandez, Chapter 2. Statutes 2016) effective for the taxing period spanning July 1, 2016 through June 30, 2019. The average fee is \$1.30 per covered life per month for January 2019 until its sunsets and in 2019 the obligation is expected to be approximately \$0.6 million for the City and County of San Francisco.

Local Elections:

Proposition B (2008) Changing Qualification for Retiree Health and Pension Benefits and Establishing a Retiree Health Care Trust Fund

On June 3, 2008, the San Francisco voters approved Proposition B, a charter amendment that changed the way the City and current and future employees share in funding SFERS pension and health benefits. With regard to health benefits, elected officials and employees hired on or before January 9, 2009, contribute up to 2% of pre-tax compensation toward their retiree health care, and the City contributes up to 1%. The impact of Proposition B on standard retirements occurred in 2014.

Proposition C (2011) City Pension and Health Care Benefit

As mentioned above, on November 8, 2011, the San Francisco voters approved Proposition C, a charter amendment that made additional changes to the way the City and current and future employees share in funding SFERS pension and health benefits. The Proposition limits the 50% coverage for dependents to employees who left the workforces (without retiring) prior to 2001. In addition, the Proposition requires employees hired on or before January 9, 2009 to contribute 0.25% of compensation into the Retiree Health Care Trust Fund beginning July 1, 2016. The contribution requirement increased to 0.50% effective July 1, 2017, 0.75% effective July 1, 2018 and will cap out at 1.00% on July 1, 2019. The San Francisco Health Service System is in compliance with Proposition C.

Employer Contributions for San Francisco Health Service System Benefits

For fiscal year 2017-18, based on the most recent audited financial statements, the San Francisco Health Service System received approximately \$758.8 million from participating employers for San Francisco Health Service System benefit costs. Of this total, the City contributed approximately \$642.5 million; approximately \$178.5 million of this \$642.5 million amount was for health care benefits for approximately 21,970 retired City employees and their eligible dependents and approximately \$464.0 million was for benefits for approximately 32,597 active City employees and their eligible dependents.

The 2019 aggregate cost of benefits offered by SFHSS to the City increased by 2.47%. This increase is due to several factors including aggressive contracting by SFHSS that maintains competition among the City's vendors, implementing Accountable Care Organizations that reduced utilization and increased use of generic prescription rates and changing the City's Blue Shield plan from a fully-funded to a flex-funded product and implementing a narrow network. Flex-funding allows lower premiums to be set by the City's actuarial consultant, Aon, without the typical margins added by Blue Shield; however, more risk is assumed by the City and reserves are required to protect against this risk. In 2019, the initial estimated aggregate cost of benefits offered by SFHSS to the City, before any negotiations with the plans, show an increase of 7.4%.

Post-Employment Health Care Benefits

Eligibility of former City employees for retiree health care benefits is governed by the Charter. In general, employees hired before January 10, 2009 and a spouse or dependent are potentially eligible for health benefits following retirement at age 50 and completion of five years of City service. Proposition B, passed by San Francisco voters on June 3, 2008, tightened post-retirement health benefit eligibility rules for employees hired on or after January 10, 2009, and generally requires payments by the City and these employees equal to 3% of salary into a new retiree health trust fund.

Proposition A, passed by San Francisco voters on November 5, 2013, restricted the City's ability to withdraw funds from the retiree health trust fund. The restrictions allow payments from the fund only when two of the three following conditions are met:

1. The City's account balance in any fiscal year is fully funded. The account is fully funded when it is large enough to pay then-projected retiree health care costs as they come due; and,
2. The City's retiree health care costs exceed 10% of the City's total payroll costs in a fiscal year. The Controller, Mayor, Trust Board and a majority of the Board of Supervisors must agree to allow payments from the Fund for that year. These payments can only cover retiree health care costs that exceed 10% of the City's total payroll cost. The payments are limited to no more than 10% of the City's account; or,
3. The Controller, Mayor, Trust Board and two-thirds of the Board of Supervisors approve changes to these limits.

GASB 45 Reporting Requirements

The City was required to begin reporting the liability and related information for unfunded OPEBs in the City's financial statements for the fiscal year ending June 30, 2008. This reporting requirement is defined under GASB 45. GASB 45 does not require that the affected government agencies, including the City, actually fund any portion of this post-retirement health benefit liability – rather, GASB 45 requires government agencies to determine on an actuarial basis the amount of its total OPEB liability and the annual contributions estimated to fund such liability over 30 years. Any underfunding in a year is recognized as a liability on the government agency's balance sheet.

GASB 75 Reporting Requirements

In June 2015, GASB issued Statement No. 75 – Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions (“GASB 75”). GASB 75 revises and establishes new accounting and financial reporting requirements for governments that provide their employees with OPEBs. The new standard is effective for periods beginning after June 15, 2017. The City is implementing the provisions of GASB 75 in its audited financial statements for Fiscal Year 2017-18. According to GASB's Summary of GASB 75, GASB 75 will require recognition of the entire OPEB liability, a more comprehensive measure of OPEB expense, and new note disclosures and required supplementary information to enhance decision-usefulness and accountability. The GASB 75 Summary also states that the consistency, comparability, and transparency of the information reported will be improved through the following requirements:

- The use of a discount rate that considers the availability of the OPEB plan's fiduciary net position associated with the OPEB of current active and inactive employees and the investment horizon of those resources, rather than utilizing only the long-term expected rate of return regardless of whether the OPEB plan's fiduciary net position is projected to be sufficient to make projected benefit payments and is expected to be invested using a strategy to achieve that return;
- A single method of attributing the actuarial present value of projected benefit payments to periods of employee service, rather than allowing a choice among six methods with additional variations;

- Immediate recognition in OPEB expense, rather than a choice of recognition periods, of the effects of changes of benefit terms; and,
- Recognition of OPEB expense that incorporates deferred outflows of resources and deferred inflows of resources related to OPEB over a defined, closed period, rather than a choice between an open or closed period.

City’s Estimated Liability

The City is required by GASB 45 to prepare a new actuarial study of its post-retirement benefits obligation every two years. As of July 1, 2014, the most recent actuarial valuation date, the funded status of retiree health care benefits was 1.1%. The actuarial accrued liability for benefits was \$4.26 billion, and the actuarial value of assets was \$49.0 million, resulting in an unfunded actuarial accrued liability (“UAAL”) of \$4.21 billion. As of July 1, 2014, the estimated covered payroll (annual payroll of active employees covered by the plan) was \$2.62 billion and the ratio of the UAAL to the covered payroll was 160.8%.

The difference between the estimated annual required contribution (“ARC”) and the amount expended on post-retirement medical benefits in any year is the amount by which the City’s overall liability for such benefits increases in that year. The City’s most recent CAFR estimated that the 2016-17 annual OPEB cost was \$401.4 million, of which the City funded \$175.0 million which caused, among other impacts, the City’s long-term liability to increase by \$237.5 million (as shown on the City’s balance sheet and below). The annual OPEB cost consists of the ARC, one year of interest on the net OPEB obligation and recognition of one year of amortization of the net OPEB obligation. While GASB 45 does not require funding of the annual OPEB cost, any differences between the amount funded in a year and the annual OPEB cost are recorded as increases or decreases in the net OPEB obligation. See Note 9(b) to the City’s CAFR, as of June 30, 2017. Five-year trend information is displayed in Table A-18.

TABLE A-18

CITY AND COUNTY OF SAN FRANCISCO			
Five-year Trend			
Fiscal Years 2012-13 to 2016-17¹			
(000s)			
Fiscal Year	Annual OPEB	Percentage of Annual OPEB Cost Funded	Net OPEB Obligation
2012-13	\$418,539	38.3%	\$1,607,130
2013-14	353,251	47.2%	1,793,753
2014-15	363,643	46.0%	1,990,155
2015-16	326,133	51.8%	2,147,434
2016-17	401,402	43.6%	2,384,938

¹ Fiscal year 2017-18 will be available upon release of the fiscal year 2017-18 CAFR.

Actuarial projections of the City’s OPEB liability will be affected by Proposition B as well as by changes in the other factors affecting that calculation. For example, the City’s actuarial analysis shows that by 2031, Proposition B’s three-percent of salary funding requirement will be sufficient to cover the cost of retiree health benefits for employees hired after January 10, 2009. See “Retirement System – *Recent Voter Approved Changes to the Retirement Plan*” above. In accordance with GASB 75, the City’s actuarial analysis is updated every two years. As of June 30, 2017, the fund balance in the Retiree Health Care Trust Fund established by Proposition B was \$187.4 million, an increase of 63% versus the prior year. See “– Local Elections: Proposition C (2011).”

Total City Employee Benefits Costs

The City budgets to pay its ARC for pension and has established a Retiree Health Care Trust Fund into which both the City and employees are required to contribute funds as retiree health care benefits are earned. Currently, these Trust deposits are only required on behalf of employees hired after 2009, and are therefore limited, but is expected to grow as the workforce retires and this requirement was extended to all employees in 2016. Proposition A, passed by San Francisco voters on November 5, 2013 restricted the City’s ability to make withdrawals from the Retiree Health Care Trust Fund.

The balance in the Retiree Health Care Trust Fund as of June 30, 2018 is approximately \$240.1 million. The City will continue to monitor and update its actuarial valuations of liability as required under GASB 45. Table A-19 provides a five-year history for all health benefits costs paid including pension, health, dental and other miscellaneous benefits. For all fiscal years shown, a “pay-as-you-go” approach was used by the City for health care benefits.

Table A-19 below provides a summary of the City’s employee benefit actual and budgeted costs from fiscal years 2014-15 to fiscal year 2019-20.

TABLE A-19

CITY AND COUNTY OF SAN FRANCISCO Employee Benefit Costs, All Funds Fiscal Years 2014-15 through 2019-20 (000s)						
	2014-15 Actual ¹	2015-16 Actual ¹	2016-17 Actual ¹	2017-18 Unaudited ⁴	2018-19 Budget ⁵	2019-20 Budget ⁵
SFERS and PERS Retirement Contributions	\$593,619	\$531,821	\$554,956	\$624,482	\$628,601	\$628,601
Social Security & Medicare	171,877	184,530	196,914	\$214,624	\$215,164	\$215,164
Health - Medical + Dental, active employees ²	383,218	421,864	459,772	\$497,541	\$508,108	\$508,108
Health - Retiree Medical ²	146,164	158,939	165,822	\$178,381	\$186,742	\$186,742
Other Benefits ³	18,439	20,827	21,388	\$24,920	\$21,229	\$21,229
Total Benefit Costs	\$1,313,318	\$1,317,981	\$1,398,852	\$1,539,948	\$1,559,844	\$1,559,844

¹ Fiscal year 2014-15 through fiscal year 2016-17 figures are audited actuals.

² Does not include Health Service System administrative costs. Does include flexible benefits that may be used for health insurance.

³ “Other Benefits” includes unemployment insurance premiums, life insurance and other miscellaneous employee benefits.

⁴ Fiscal year 2017-18 figures are unaudited actuals. Final actuals will be available upon release of the fiscal year 2017-18 CAFR.

⁵ Figures for fiscal years 2018-19 and 2019-20 are Original Budget amounts.

Source: Office of the Controller, City and County of San Francisco.

INVESTMENT OF CITY FUNDS

Investment Pool

The Treasurer of the City (the “Treasurer”) is authorized by Charter Section 6.106 to invest funds available under California Government Code Title 5, Division 2, Part 1, Chapter 4. In addition to the funds of the City, the funds of various City departments and local agencies located within the boundaries of the City, including the school and community college districts, airport and public hospitals, are deposited into the City and County’s Pooled Investment Fund (the “Pool”). The funds are commingled for investment purposes.

Investment Policy

The management of the Pool is governed by the Investment Policy administered by the Office of the Treasurer and Tax Collector in accordance with California Government Code Sections 27000, 53601, 53635, et. al. In order of priority, the objectives of this Investment Policy are safety, liquidity and return on investments. Safety of principal is the foremost objective of the investment program. The investment portfolio maintains sufficient liquidity to meet all expected expenditures for at least the next six months. The Office of the Treasurer and Tax Collector also attempts to generate a market rate of return, without undue compromise of the first two objectives.

The Investment Policy is reviewed and monitored annually by a Treasury Oversight Committee established by the Board of Supervisors. The Treasury Oversight Committee meets quarterly and is comprised of members drawn from (a) the Treasurer; (b) the Controller; (c) a representative appointed by the Board of Supervisors; (d) the County Superintendent of Schools or his/her designee; (e) the Chancellor of the Community College District or his/her designee; and (f) Members of the general public. A complete copy of the Treasurer’s Investment Policy, dated February 2018, is included as an Appendix to this Official Statement. The Investment Policy is also posted at the Treasurer’s website. The information available on such website is not incorporated herein by reference.

Investment Portfolio

As of December 31, 2018, the City’s surplus investment fund consisted of the investments classified in Table A- 20, and had the investment maturity distribution presented in Table A-21.

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TABLE A-20

**City and County of San Francisco
Investment Portfolio
Pooled Funds
As of December 31, 2018**

Type of Investment	Par Value	Book Value	Market Value
U.S. Treasuries	\$975,000,000	\$964,127,970	\$964,105,700
Federal Agencies	5,194,930,000	5,190,379,716	5,160,726,787
State and Local Obligations	140,080,225	141,657,723	139,044,262
Public Time Deposits	35,240,000	35,240,000	35,240,000
Negotiable Certificates of Deposit	1,972,838,000	1,972,838,000	1,973,920,123
Commercial Paper	1,018,000,000	1,001,397,123	1,007,217,121
Medium Term Notes	98,463,000	98,305,050	98,167,851
Money Market Funds	468,669,088	468,669,088	468,669,088
Supranationals	829,478,000	825,556,749	824,120,790
Total	\$10,732,698,313	\$10,698,171,419	\$10,671,211,722

December 2018 Earned Income Yield: 2.346%

Sources: Office of the Treasurer and Tax Collector, City and County of San Francisco
From Citibank-Custodial Safekeeping, SunGard Systems-Inventory Control Program.

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TABLE A-21

**City and County of San Francisco
Investment Maturity Distribution
Pooled Funds
As of December 31, 2018**

Maturity in Months			Par Value	Percentage
0	to	1	\$1,003,939,088	9.35%
1	to	2	432,000,000	4.03%
2	to	3	302,338,000	2.82%
3	to	4	532,979,000	4.97%
4	to	5	483,880,000	4.51%
5	to	6	683,200,000	6.37%
6	to	12	2,894,311,000	26.97%
12	to	24	2,073,025,000	19.32%
24	to	36	1,570,451,228	14.63%
36	to	48	506,575,000	4.72%
48	to	60	250,000,000	2.33%
			\$10,732,698,316	100.0%

Weighted Average Maturity: 440 Days

Sources: Office of the Treasurer and Tax Collector, City and County of San Francisco

From Citibank-Custodial Safekeeping, SunGard Systems-Inventory Control Program.

Further Information

A report detailing the investment portfolio and investment activity, including the market value of the portfolio, is submitted to the Mayor and the Board of Supervisors monthly. The monthly reports and annual reports are available on the Treasurer’s web page: www.sftreasurer.org. The monthly reports and annual reports are not incorporated by reference herein.

Additional information on the City’s investments, investment policies, and risk exposure as of June 30, 2017 are described in the City’s CAFR, Notes 2(d) and 5.

CAPITAL FINANCING AND BONDS

Capital Plan

In October 2005, the Board of Supervisors adopted, and the Mayor approved, Ordinance No. 216-05, which established a new capital planning process for the City. The legislation requires that the City develop and adopt a 10-year capital expenditure plan for City-owned facilities and infrastructure. It also created the Capital Planning Committee (“CPC”) and the Capital Planning Program (“CPP”). The CPC, composed of other City finance and capital project officials, makes recommendations to the Mayor and Board of Supervisors on all of the City’s capital expenditures. To help inform CPC recommendations, the CPP staff, under the direction of the City Administrator, review and prioritize funding needs; project and coordinate funding sources and uses; and provide policy analysis and reports on interagency capital planning.

The City Administrator, in conjunction with the CPC, is directed to develop and submit a 10-year capital plan every other fiscal year for approval by the Board of Supervisors. The Capital Plan is a fiscally constrained long-term finance strategy that prioritizes projects based on a set of funding principles. It provides an assessment of the City's infrastructure and other funding needs over 10 years, highlights investments required to meet these needs and recommends a plan of finance to fund these investments. Although the Capital Plan provides cost estimates and proposes methods to finance such costs, the document does not reflect any commitment by the Board of Supervisors to expend such amounts or to adopt any specific financing method. The Capital Plan is required to be updated and adopted biennially, along with the City's Five Year Financial Plan and the Five-Year Information & Communication Technology Plan. The CPC is also charged with reviewing the annual capital budget submission and all long-term financing proposals and providing recommendations to the Board of Supervisors relating to the compliance of any such proposal or submission with the adopted Capital Plan.

The Capital Plan is required to be submitted to the Mayor and the Board of Supervisors by each March 1 in odd-numbered years and adopted by the Board of Supervisors and the Mayor on or before May 1 of the same year. The fiscal year 2018-2027 Capital Plan was approved by the CPC on February 27, 2017 and was adopted by the Board of Supervisors in April 2017. The Capital Plan contains \$35.2 billion in capital investments over the coming decade for all City departments, including \$5.25 billion in projects for General Fund-supported departments. The Capital Plan proposes \$1.9 billion for General Fund pay-as-you-go capital projects over the next 10 years. The amount for General Fund pay-as-you-go capital projects is assumed to grow to over \$200 million per year by fiscal year 2023-24. Major capital projects for General Fund-supported departments included in the Capital Plan consist of upgrades to public health, police, and fire facilities; improvements to homeless service sites; street and right-of-way improvements; the removal of barriers to accessibility; park improvements; the relocation of public health staff and services to improved spaces, among other capital projects. \$2.1 billion of the capital projects of General Fund supported departments are expected to be financed with general obligation bonds and other long-term obligations. The balance is expected to be funded by federal and State funds, the General Fund and other sources.

In addition to the City General Fund-supported capital spending, the Capital Plan recommends \$18.9 billion in enterprise fund department projects to continue major transit, economic development and public utility projects such as the Central Subway project, runway and terminal upgrades at San Francisco International Airport, Pier 70 infrastructure investments and the Sewer System Improvement Program, among others. Approximately \$12.3 billion of enterprise fund department capital projects are anticipated to be financed with revenue bonds. The balance is expected to be funded by federal and State funds, user/operator fees, General Fund and other sources.

While significant investments are proposed in the City's adopted Capital Plan, identified resources remain below those necessary to maintain and enhance the City's physical infrastructure. As a result, over \$4.6 billion in capital needs including enhancements are deferred from the plan's horizon. Over two-thirds of these unfunded needs are for the City's transportation and waterfront infrastructure, where core maintenance investments have lagged for decades. The late Mayor Edwin Lee convened a taskforce to recommend funding mechanisms to bridge a portion of the gaps in the City's transportation needs, but it is likely that significant funding gaps will remain even assuming the identification of significant new funding sources for these needs.

Failure to make the capital improvements and repairs recommended in the Capital Plan may have the following impacts: (i) failing to meet federal, State or local legal mandates; (ii) failing to provide for the

imminent life, health, safety and security of occupants and the public; (iii) failing to prevent the loss of use of the asset; (iv) impairing the value of the City's assets; (v) increasing future repair and replacement costs; and (vi) harming the local economy.

Tax-Supported Debt Service

Under the State Constitution and the Charter, City bonds secured by *ad valorem* property taxes ("general obligation bonds") can only be authorized with a two-thirds approval of the voters. As of December 31, 2018, the City had approximately \$2.46 billion aggregate principal amount of general obligation bonds outstanding.

Table A-22 shows the annual amount of debt service payable on the City's outstanding general obligation bonds.

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TABLE A-22

CITY AND COUNTY OF SAN FRANCISCO
General Obligation Bonds Debt Service
As of December 31, 2018^{1 2}

Fiscal Year	Principal	Interest	Annual Debt Service
2018-19 ³	\$234,965,545	\$52,674,789	\$287,640,334
2019-20	138,676,232	94,565,441	\$233,241,673
2020-21	136,930,457	87,917,066	\$224,847,523
2021-22	143,653,400	81,593,303	\$225,246,703
2022-23	148,110,251	74,875,635	\$222,985,886
2023-24	151,526,206	67,762,310	\$219,288,516
2024-25	153,236,476	60,452,315	\$213,688,791
2025-26	149,411,279	53,210,200	\$202,621,479
2026-27	155,555,840	46,508,996	\$202,064,836
2027-28	161,134,035	39,874,779	\$201,008,814
2028-29	162,221,751	33,430,897	\$195,652,648
2029-30	159,235,095	26,830,558	\$186,065,653
2030-31	121,936,950	20,469,219	\$142,406,169
2031-32	126,050,000	16,033,542	\$142,083,542
2032-33	92,320,000	11,510,799	\$103,830,799
2033-34	68,910,000	8,019,895	\$76,929,895
2034-35	61,250,000	5,464,843	\$66,714,843
2035-36	41,440,000	3,214,795	\$44,654,795
2036-37	29,740,000	2,885,808	\$32,625,808
2037-38	19,730,000	1,403,610	\$21,133,610
TOTAL⁴	\$2,456,033,517	\$788,698,800	\$3,244,732,317

¹ This table includes the City's General Obligation Bonds shown in Table A-24 and does not include any overlapping debt, such as any assessment district indebtedness or any redevelopment agency indebtedness.

² Totals reflect rounding to nearest dollar.

³ Excludes payments made to date in current fiscal year

⁴ Section 9.106 of the City Charter limits issuance of general obligation bonds of the City to 3% of the assessed value of all real and personal assessment district indebtedness or any redevelopment agency indebtedness.

Source: Office of Public Finance, City and County of San Francisco.

General Obligation Bonds

Certain general obligation bonds authorized by the City's voters as discussed below have not yet been issued. Such bonds may be issued at any time by action of the Board of Supervisors, without further approval by the voters.

In November 1992, voters approved Proposition A, which authorized the issuance of up to \$350.0 million in general obligation bonds to provide moneys to fund the City's Seismic Safety Loan Program (the "Loan Program"). The purpose of the Loan Program was to provide loans for the seismic strengthening of privately-owned unreinforced masonry buildings in San Francisco for affordable housing and market-rate residential, commercial and institutional purposes. In April 1994, the City issued \$35.0 million in taxable general obligation bonds to fund the Loan Program and in October 2002, the City redeemed all outstanding bonds remaining from such issuance. In February 2007, the Board of Supervisors approved the issuance of additional indebtedness under this authorization in an amount not to exceed \$35.0 million. Such issuance would be achieved pursuant to the terms of a Credit Agreement with Bank of America, N.A. (the "Credit Bank"), under which the Credit Bank agreed to fund one or more loans to the City from time to time as evidenced by the City's issuance to the Credit Bank of the Taxable General Obligation Bond (Seismic Safety Loan Program), Series 2007A. The funding by the Credit Bank of the loans at the City's request and the terms of repayment of such loans are governed by the terms of the Credit Agreement. Loan funds received by the City from the Credit Bank are in turn used to finance loans to Seismic Safety Loan Program borrowers. Between March 2007 and November 2011, the City initiated a total amount of \$26,695,228 of borrowing to fund Seismic Safety Loans under this Credit Agreement with the Credit Bank, of which \$20,093,517 remains outstanding. In August 2015, the City issued \$24.0 million in Series 2015A taxable general obligation bonds under the Seismic Safety Loan Program authorization. The full \$24.0 million obligation was redeemed on November 1, 2018 through repayment of the Seismic Safety Loan. On November 8, 2016, voters approved Proposition C, authorizing the use of the remaining \$260,684,000 Seismic Safety Bond Program bond authorization to fund the acquisition, improvement, and rehabilitation of at-risk multi-unit residential buildings in order to convert them into permanent affordable housing.

In February 2008, voters approved Proposition A (the "2008 Parks Proposition") that authorized the issuance of up to \$185.0 million in general obligation bonds for the construction, reconstruction, purchase, and/or improvement of park and recreation facilities located in the City and under the jurisdiction of the Recreation and Parks Commission or under the jurisdiction of the Port Commission. The City issued the first series of bonds under the 2008 Parks Proposition in the amount of approximately \$42.5 million in August 2008. The City issued the second series in the amount of approximately \$60.4 million in March 2010 and the third series in the amount of approximately \$73.4 million in March 2012. The City issued the fourth and final series in the amount of approximately \$8.7 million in January 2016.

In June 2010, voters approved Proposition B (the "2010 ESER Proposition"), which authorized the issuance of up to \$412.3 million in general obligation bonds to provide funds to finance the construction, acquisition, improvement and retrofitting of neighborhood fire and police stations, the auxiliary water supply system, a public safety building, and other critical infrastructure and facilities for earthquake safety and related costs. The City issued the first series of bonds under the 2010 ESER Proposition in the amount of \$79.5 million in December 2010 and the second series of bonds in the amount of \$183.3 million in March 2012. The City issued the third series in the amount of approximately \$38.3 million in August 2012 and the fourth series of bonds in the amount of \$31.0 million in June 2013, and the fifth series in the

amount of \$54.9 million was issued in October 2014. The final series was issued in June 2016 in the amount of approximately \$25.0 million.

In November 2011, voters approved Proposition B (the “2011 Roads & Streets Proposition”), which authorized the issuance of up to \$248.0 million in general obligation bonds to provide funds to repair and repave City streets and remove potholes; strengthen and seismically upgrade street structures; redesign street corridors by adding or improving pedestrian signals, lighting, sidewalk extensions, bicycle lanes, trees and landscaping; construct and renovate curb ramps and sidewalks to increase accessibility and safety for everyone, including persons with disabilities; and add and upgrade traffic signals to improve MUNI service and traffic flow. The City issued the first series of bonds under the 2011 Roads & Streets Proposition in the amount of approximately \$74.3 million in March 2012 and the second series of bonds in the amount of \$129.6 million in June 2013. The City issued the final series in June 2016 in the amount of approximately \$44.1 million.

In November 2012, voters approved Proposition B (the “2012 Parks Proposition”), which authorized the issuance of up to \$195.0 million in general obligation bonds to provide funds for the construction, reconstruction, renovation, demolition, environmental remediation and/or improvement of park, open space and recreation facilities located in the City and under the jurisdiction of the Recreation and Parks Commission or under the jurisdiction of the Port Commission. The City issued the first series of bonds under the 2012 Parks Proposition in the amount of approximately \$71.9 million in June 2013. The City issued the second series of bonds in the amount of \$43.0 million in January 2016. The third series of bonds under the 2012 Parks Proposition authorization was issued in April 2018 in the amount of approximately \$76.7 million.

In June 2014, voters approved Proposition A (the “2014 ESER Proposition”), which authorized the issuance of up to \$400.0 million in general obligation bonds to improve fire, earthquake and emergency response by improving and/or replacing deteriorating cisterns, pipes, and tunnels, and related facilities to ensure firefighters a reliable water supply for incurring indebtedness of fires and disasters; improving and/or replacing neighborhood fire and police stations; replacing certain seismically unsafe police and medical examiner facilities with earthquake-safe buildings and to pay related costs. The City issued the first series of bonds under the 2014 ESER Proposition authorization in the amount of \$100.7 million in October 2014 and the second series of bonds in the amount of \$109.6 million in April 2016. The third and final series was issued in May 2018 in the amount of \$189.7 million.

In November 2014, voters approved Proposition A (the “2014 Transportation Proposition”), which authorized the issuance of up to \$500.0 million in general obligation bonds to provide funds to finance the construction, acquisition and improvement of certain transportation and transit related improvements and other related costs. The City issued the first series of bonds under the 2014 Transportation Proposition in the amount of approximately \$67.0 million in June 2015. The second series of bonds under the 2014 Transportation Proposition authorization was issued in April 2018 in the amount of approximately \$174.4 million.

In November 2015, voters approved Proposition A (the “2015 Affordable Housing Proposition”) which authorized the issuance of up to \$310.0 million in general obligation bonds to provide funds to finance the construction, development, acquisition and preservation of housing affordable to low- and middle-income households and to assist in the acquisition, rehabilitation, and preservation of affordable rental apartment buildings to prevent the eviction of long-term residents; to repair and reconstruct dilapidated public housing; to fund a middle-income rental program; and to provide for homeownership down

payment assistance opportunities for educators and middle-income households. The City issued the first series of bonds under the 2015 Affordable Housing Proposition in the amount of approximately \$75.0 million in October 2016. The second series was issued in May 2018 in the amount of \$142.1 million.

In June 2016, voters approved Proposition A (the “2016 Public Health & Safety Proposition”), which authorized the issuance of up to \$350.0 million in general obligation bonds to provide funds to protect public health and safety, improve community medical and mental health care services, earthquake safety and emergency medical response; to seismically improve, and modernize neighborhood fire stations and vital public health and homeless service sites; to construct a seismically safe and improved San Francisco Fire Department ambulance deployment facility; and to pay related costs. The City issued the first series of the bonds under the 2016 Public Health & Safety Proposition authorization in the amount of approximately \$173.1 million in February 2017. The second series was issued in May 2018 in the amount of \$49.9 million.

In November 2018, voters approved Proposition A (“the 2018 Seawall Proposition”), authorizing the issuance of up to \$425.0 million in general obligation bonds to fund repairs and improvement projects along the City’s Embarcadero and Seawall to protect the waterfront, BART and Muni, buildings, historic piers, and roads from earthquakes, flooding, and sea level rise. Bonds have not been issued yet under this authorization.

Refunding General Obligation Bonds

The Board of Supervisors adopted and the Mayor approved Resolution No. 272-04 in May of 2004 (the “2004 Resolution”). The 2004 Resolution authorized the issuance of \$800.0 million of general obligation refunding bonds from time to time in one or more series for the purpose of refunding all or a portion of the City’s outstanding General Obligation Bonds. On November of 2011, the Board of Supervisors adopted, and the Mayor approved, Resolution No. 448-11 (the “2011 Resolution,” and together with the 2004 Resolution, the “Refunding Resolutions”). The 2011 Resolution authorized the issuance \$1.356 billion of general obligation refunding bonds from time to time in one or more series for the purpose of refunding certain outstanding General Obligation Bonds of the City. The following refunding bonds remain currently outstanding, under the Refunding Resolutions, as shown in Table A-23 below.

TABLE A-23

CITY AND COUNTY OF SAN FRANCISCO
General Obligation Refunding Bonds
As of January 15, 2019

Series Name	Date Issued	Principal Amount Issued	Amount Outstanding
2008-R1	May 2008	\$232,075,000	\$5,110,000
2011-R1	November 2011	339,475,000	176,360,000 ¹
2015-R1	February 2015	293,910,000	248,035,000 ²

¹ Series 2004-R1 Bonds were refunded by the 2011-R1 Bonds in November 2011

² Series 2006-R1, 2006-R2, and 2008-R3 Bonds were refunded by the 2015-R1 Bonds in February 2015.

Table A-24 below lists for each of the City’s voter-authorized general obligation bond programs the amount issued and outstanding, and the amount of remaining authorization for which bonds have not yet been issued. Series are grouped by program authorization in chronological order. The authorized and unissued column refers to total program authorization that can still be issued and does not refer to any particular series. As of January 15, 2019, the City had authorized and unissued general obligation bond authority of approximately \$1.17 billion, including the most recent \$425.0 million authorization for the 2018 Seawall Proposition.

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TABLE A-24

CITY AND COUNTY OF SAN FRANCISCO
General Obligation Bonds
As of January 15, 2019

Description of Issue (Date of Authorization)	Series	Issued	Outstanding ¹	Authorized & Unissued ³
Seismic Safety Loan Program (11/3/92)	2007A	\$30,315,450 ²	\$20,093,517	
	2015A	24,000,000	-	\$260,684,550
Clean & Safe Neighborhood Parks (2/5/08)	2010B	24,785,000	2,610,000	
	2010D	35,645,000	35,645,000	
	2012B	73,355,000	48,035,000	
	2016A	8,695,000	7,520,000	--
San Francisco General Hospital and Trauma Center (11/4/08)	2009A	131,650,000	5,525,000	
	2010A	120,890,000	12,735,000	
	2010C	173,805,000	173,805,000	
	2012D	251,100,000	155,825,000	
	2014A	209,955,000	161,730,000	--
Earthquake Safety and Emergency Response Bond (6/8/10)	2010E	79,520,000	40,815,000	
	2012A	183,330,000	121,625,000	
	2012E	38,265,000	29,925,000	
	2013B	31,020,000	17,540,000	
	2014C	54,950,000	41,925,000	
	2016C	25,215,000	22,370,000	--
Road Repaving & Street Safety (11/8/11)	2012C	74,295,000	49,175,000	
	2013C	129,560,000	73,205,000	
	2016E	44,145,000	39,155,000	--
Clean & Safe Neighborhood Parks (11/6/12)	2013A	71,970,000	40,680,000	
	2016B	43,220,000	24,400,000	
	2018A	76,710,000	46,485,000	3,100,000
Earthquake Safety and Emergency Response Bond (6/3/14)	2014D	100,670,000	76,780,000	
	2016D	109,595,000	75,465,000	
	2018C	189,735,000	189,735,000	--
Transportation and Road Improvement (11/4/14)	2015B	67,005,000	43,665,000	
	2018B	174,445,000	105,715,000	258,550,000
Affordable Housing Bond (11/3/15)	2016F	75,130,000	50,795,000	
	2018D	142,145,000	142,145,000	92,725,000
Public Health and Safety Bond (6/7/16)	2017A	173,120,000	121,450,000	
	2018E	49,955,000	49,955,000	126,925,000
SUBTOTAL		\$3,018,195,450	\$2,026,528,517	\$741,984,550
General Obligation Refunding Bonds:				
Series 2008-R1 issued 5/29/08		232,075,000	5,110,000	n/a
Series 2011-R1 issued 11/9/12		339,475,000	176,360,000	n/a
Series 2015-R1 issued 2/25/15		293,910,000	248,035,000	n/a
SUBTOTAL		865,460,000	429,505,000	
TOTALS		\$3,883,655,450	\$2,456,033,517	\$741,984,550

¹ Section 9.106 of the City Charter limits issuance of general obligation bonds of the City to 3% of the assessed value of all taxable real and personal property, located within the City and County.

² Of the \$35,000,000 authorized by the Board of Supervisors in February 2007, \$30,315,450 has been drawn upon to date pursuant to the Credit Agreement described under "General Obligation Bonds."

³ Authorized & Unissued total does not include \$425,000,000 of the 2018 Seawall Proposition A General Obligation Bond authority approved by the voters in November 2018. If the \$425,000,000 authorization is included in this total, the Authorized & Unissued total would be \$1.17 billion.

Source: Office of Public Finance, City and County of San Francisco.

Lease Payments and Other Long-Term Obligations

The Charter requires that any lease-financing agreements with a nonprofit corporation or another public agency must be approved by a majority vote of the City's electorate, except (i) leases approved prior to April 1, 1977, (ii) refunding lease financings expected to result in net savings, and (iii) certain lease financing for capital equipment. The Charter does not require voter approval of lease financing agreements with for-profit corporations or entities. Table A-25 sets forth the aggregate annual lease payment obligations supported by the City's General Fund with respect to outstanding long-term lease revenue bonds and certificates of participation as of December 31, 2018.

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TABLE A-25

CITY AND COUNTY OF SAN FRANCISCO
Lease Revenue Bonds and Certificates of Participation
As of December 31, 2018¹

Fiscal Year	Principal	Interest ³	Annual Payment Obligation
2018-19	\$36,715,000	31,192,156	\$67,907,156
2019-20	48,645,000	60,400,479	\$109,045,479
2020-21	57,065,000	57,858,122	\$114,923,122
2021-22	57,475,000	55,229,005	\$112,704,005
2022-23	60,050,000	52,544,025	\$112,594,025
2023-24	62,250,000	49,734,442	\$111,984,442
2024-25	62,580,000	46,795,478	\$109,375,478
2025-26	63,035,000	43,879,843	\$106,914,843
2026-27	66,010,000	40,815,367	\$106,825,367
2027-28	62,830,000	37,615,118	\$100,445,118
2028-29	68,910,000	34,260,761	\$103,170,761
2029-30	72,335,000	30,884,851	\$103,219,851
2030-31	62,040,000	27,588,665	\$89,628,665
2031-32	51,690,000	24,737,593	\$76,427,593
2032-33	52,545,000	22,446,642	\$74,991,642
2033-34	54,795,000	19,918,261	\$74,713,261
2034-35	45,615,000	17,650,673	\$63,265,673
2035-36	44,865,000	15,599,242	\$60,464,242
2036-37	43,915,000	13,589,230	\$57,504,230
2037-38	45,705,000	11,612,665	\$57,317,665
2038-39	47,555,000	9,553,956	\$57,108,956
2039-40	49,500,000	7,407,472	\$56,907,472
2040-41	51,515,000	5,172,668	\$56,687,668
2041-42	45,550,000	3,007,611	\$48,557,611
2042-43	10,125,000	1,242,000	\$11,367,000
2043-44	8,555,000	818,000	\$9,373,000
2044-45	8,895,000	475,800	\$9,370,800
2045-46	1,470,000	120,000	\$1,590,000
2046-47	1,530,000	61,200	\$1,591,200
TOTAL ²	\$1,343,765,000	\$722,211,324	\$2,065,976,324

¹ Excludes payments made to date in current fiscal year

² Totals reflect rounding to nearest dollar.

³ For purposes of this table, the interest rate on the Lease Revenue Bonds Series 2008-1, and 2008-2 (Moscone Center Expansion Project) is assumed to be 3.25%.
 These bonds are in variable rate mode.

Source: Office of Public Finance, City and County of San Francisco.

The City electorate has approved several lease revenue bond propositions, some of which have authorized but unissued bonds. The following lease programs have remaining authorization:

In 1987, voters approved Proposition B, which authorizes the City to lease finance (without limitation as to maximum aggregate par amount) the construction of new parking facilities, including garages and surface lots, in eight of the City's neighborhoods. In July 2000, the City issued \$8.2 million in lease revenue

bonds to finance the construction of the North Beach Parking Garage, which was opened in February 2002. There is no current plan to issue any more bonds under Proposition B.

In 1990, voters approved Proposition C, which amended the Charter to authorize the City to lease-purchase equipment through a nonprofit corporation without additional voter approval but with certain restrictions. The City and County of San Francisco Finance Corporation (the "Corporation") was incorporated for that purpose. Proposition C provides that the outstanding aggregate principal amount of obligations with respect to lease financings may not exceed \$20.0 million, with such amount increasing by five percent each fiscal year. As of December 31, 2018, the total authorized amount for such financings was \$78.4 million. The total principal amount outstanding as of December 31, 2018 was \$450.0 million.

In 1994, voters approved Proposition B, which authorized the issuance of up to \$60.0 million in lease revenue bonds for the acquisition and construction of a combined dispatch center for the City's emergency 911 communication system and for the emergency information and communications equipment for the center. In 1997 and 1998, the Corporation issued \$22.6 million and \$23.3 million of Proposition B lease revenue bonds, respectively, leaving \$14.0 million in remaining authorization. There is no current plan to issue additional series of bonds under Proposition B.

In March 2000, voters approved Proposition C, which extended a two- and one-half cent per \$100.0 in assessed valuation property tax set-aside for the benefit of the Recreation and Park Department (the "Open Space Fund"). Proposition C also authorizes the issuance of lease revenue bonds or other forms of indebtedness payable from the Open Space Fund. The City issued approximately \$27.0 million and \$42.4 million of such Open Space Fund lease revenue bonds in October 2006 and October 2007, respectively. The City issued refunding lease revenues bonds for the remaining outstanding amounts of the Series 2006 and Series 2007 Open Space Fund lease revenue bonds in August 2018.

In November 2007, voters approved Proposition D, which amended the Charter and renewed the Library Preservation Fund. Proposition D continued the two- and one-half cent per \$100.0 in assessed valuation property tax set-aside and establishes a minimum level of City appropriations, moneys that are maintained in the Library Preservation Fund. Proposition D also authorized the issuance of revenue bonds or other evidences of indebtedness. The City issued the first series of lease revenue bonds in the amount of approximately \$34.3 million in March 2009. The City issued refunding lease revenues bonds for the remaining outstanding amounts of the Series 2009A Branch Library Improvement Project lease revenue bonds in August 2018.

Commercial Paper Program

In March of 2009, the Board authorized and the Mayor approved a not-to-exceed \$150.0 million Lease Revenue Commercial Paper Certificates of Participation Program, Series 1 and 1-T and Series 2 and 2-T (the "Original CP Program"). Commercial Paper Notes (the "CP Notes") are issued from time to time to pay approved project costs in connection with the acquisition, improvement, renovation and construction of real property and the acquisition of capital equipment and vehicles in anticipation of long-term or other take-out financing to be issued when market conditions are favorable. Projects are eligible to access the CP Program once the Board and the Mayor have approved the project and the long-term, permanent financing for the project. The original Series 1 and 1-T and Series 2 and 2-T letters of credit issued in 2010 by J.P. Morgan Chase Bank, N.A. and U.S. Bank National Association were scheduled to expire in June of 2016. In May of 2016, the City obtained renewal credit facilities to secure the CP Notes from: (i) State Street Bank and Trust Company (with a maximum principal amount of \$75 million) and (ii) U.S. Bank

National Association (with a maximum principal amount of \$75 million). These credit facilities expire in May of 2021.

In July of 2013, the Board authorized, and the Mayor approved an additional \$100.0 million of Lease Revenue Commercial Paper Certificates of Participation, Series 3 and 3-T and Series 4 and 4-T (the “Second CP Program” and together with the Original CP Program, the “City CP Program”) that increased the total authorization of the City CP Program to \$250.0 million. The Series 3 and 3-T and 4 and 4-T are secured by a letter of credit issued by State Street Bank and Trust Company initially scheduled to expire in February of 2019. In December 2018, the City extended the original letter of credit issued by State Street Bank and Trust Company by three years, expiring in February of 2022.

As of January 15, 2019, the outstanding principal amount of CP Notes is \$30.5 million. The weighted average interest rate for the outstanding CP Notes is approximately 2.12%.

Transbay Transit Center Interim Financing

In May of 2016, the Board authorized, and the Mayor approved the establishment of a not-to-exceed \$260.0 million Lease Revenue Commercial Paper Certificates of Participation (the “Short-Term Certificates”) to meet cash flow needs during the construction of phase one of the Transbay Transit Center (now known as the Salesforce Transit Center). The Short-Term Certificates are expected to be repaid in part from Transbay Transit Center CFD bond proceeds (secured by special taxes) and tax increment. It is anticipated that long-term debt will be issued to retire the Short-Term Certificates, and such long-term debt is also expected to be repaid from such sources.

The Short-Term Certificates consist of \$160.0 million of direct placement revolving certificates with Wells Fargo, expiring in January of 2020 and \$100.0 million of direct placement revolving certificates with Bay Area Toll Authority expiring September 1, 2021.

As of January 15, 2019, the TJPA had drawn a total of \$103.0 million from the Wells Fargo financing facility, at a current interest rate of 3.08%.

Board Authorized and Unissued Long-Term Obligations

In October of 2013, the Board authorized, and the Mayor approved the issuance of not to exceed \$13.5 million of City and County of San Francisco Certificates of Participation (Treasure Island Improvement Project) to finance the cost of additions and improvements to the utility infrastructure at Treasure Island. It is anticipated that a portion of these certificates will be issued in the summer of 2019.

In November 2016, the Board authorized, and the Mayor approved the issuance of not to exceed \$60.5 million of City and County of San Francisco Certificates of Participation (Animal Care and Control Renovation Project) to finance the costs acquisition, construction, and improvement of an animal care and control facility. The City anticipates issuing the certificates in the summer of 2019.

In June of 2017, the Board authorized and the Mayor approved the issuance of not to exceed \$321.8 million of City and County of San Francisco Certificates of Participation (49 South Van Ness Project, formerly referred to as “1500 Mission Project”) to finance a portion of the development costs, including construction and improvement, and related FF&E (furniture, fixture, or other equipment),

technology, and moving costs for the 1500 Mission Street office building. The City anticipates issuing the certificates in the Fall of 2019.

Overlapping Debt

Table A-26 shows bonded debt and long-term obligations as of December 31, 2018 sold in the public capital markets by the City and those public agencies whose boundaries overlap the boundaries of the City in whole or in part. Long-term obligations of non-City agencies generally are not payable from revenues of the City. 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. In the table, lease obligations of the City which support indebtedness incurred by others are included. As noted below, the Charter limits the City's outstanding general obligation bond debt to 3% of the total assessed valuation of all taxable real and personal property within the City.

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TABLE A-26

CITY AND COUNTY OF SAN FRANCISCO
Statement of Direct and Overlapping Debt and Long-Term Obligations
As of December 31, 2018

<u>2018-19 Assessed Valuation</u> (net of non-reimbursable & homeowner exemptions):	\$259,329,479,498	
<u>DIRECT GENERAL OBLIGATION BOND DEBT</u>		
General City Purposes Carried on the Tax Roll	\$2,456,033,517	
GROSS DIRECT DEBT	\$2,456,033,517	
<u>DIRECT LEASE PAYMENT AND LONG-TERM OBLIGATIONS</u>		
San Francisco Finance Corporation, Equipment LRBs Series 2013A	\$450,000	
San Francisco Finance Corporation Emergency Communication Refunding Series, 2010-R1	8,545,000	
San Francisco Finance Corporation Moscone Expansion Center, Series, 2008-1, 2008-2	85,300,000	
San Francisco Finance Corporation LRBs Open Space Fund (Various Park Projects) Series 2006, 2007	-	
San Francisco Finance Corporation LRBs Library Preservation Fund Series, 2009A	-	
San Francisco COPs, Series 2009A Multiple Capital Improvement Projects (Laguna Honda Hospital)	119,130,000	
San Francisco COPs, Series 2009B Multiple Capital Improvement Projects (Street Improvement Project)	30,075,000	
San Francisco COPs, Series 2009C Office Project (525 Golden Gate Avenue) Tax Exempt	16,255,000	
San Francisco COPs, Series 2009D Office Project (525 Golden Gate Avenue) Taxable BABs	129,550,000	
San Francisco Refunding Certificates of Participation, Series 2010A	95,880,000	
San Francisco COPs, Refunding Series 2011AB (Moscone)	13,825,000	
San Francisco COPs, Series 2012A Multiple Capital Improvement Projects (Street Improvement Project)	35,460,000	
San Francisco COPs, Series 2013BC Port Facilities	31,170,000	
San Francisco COPs, Series 2014-R1 (Courthouse Project), 2014-R2 (Juvenile Hall Project)	35,150,000	
San Francisco COPs, Series 2015AB War Memorial Veterans Building Seismic Upgrade and Improvements	125,295,000	
San Francisco Refunding COPs, Series 2015-R1 (City Office Buildings-Multiple Properties Project)	115,140,000	
San Francisco COPs, Series 2016A War Memorial Veterans Building Seismic Upgrade and Improvements	14,305,000	
San Francisco COPs Series 2017A (Hope SF)	27,575,000	
San Francisco COPs Series 2017B (Moscone Convention Center Expansion)	412,355,000	
San Francisco Finance Corporation Refunding Bonds, Emergency Open Space, Series 2018A	34,950,000	
San Francisco Finance Corporation Refunding, Branch Library Improvement, Series 2018B	13,355,000	
LONG-TERM OBLIGATIONS	\$1,343,765,000	
GROSS DIRECT DEBT & LONG-TERM OBLIGATIONS	\$3,799,798,517	
<u>OVERLAPPING DEBT & LONG-TERM OBLIGATIONS</u>		
Bayshore Hester Assessment District	\$510,000	
San Francisco Bay Area Rapid Transit District Sales Tax Revenue Bonds (29.27%)	148,123,091	
San Francisco Bay Area Rapid Transit District General Obligation Bonds (34.14%)	276,523,180	
San Francisco Community College District General Obligation Bonds (2001, 2005)	231,675,000	
San Francisco Redevelopment Agency Hotel Tax Revenue Bonds (2011)	27,715,000	
San Francisco Redevelopment Agency Obligations (Property Tax Increment)	859,949,677	
San Francisco Redevelopment Agency Obligations (Special Tax Bonds CFD #4, #6, #7)	182,261,505	
Association of Bay Area Governments Obligations Special Tax Bonds, Series 2004-1, 2006-1, 2006-1	17,985,000	
Special Tax District No. 2009-1 Improvement Area 1, 2 SF Sustainable Financing	2,807,577	
San Francisco Unified School District General Obligation Bonds (2003, 2006, 2011, 2015R, 2016, 2017)	968,915,000	
San Francisco Community Facilities District No. 2014-1 (Transbay Transit Center) Series 2017A, 2017B	206,930,000	
TOTAL OVERLAPPING DEBT & LONG-TERM OBLIGATIONS	\$2,923,395,030 ¹	
GROSS COMBINED TOTAL OBLIGATIONS	\$6,723,193,547 ²	
<u>Ratios to Assessed Valuation:</u>		
Gross Direct Debt (General Obligation Bonds)	0.95%	< 3.00%
Gross Direct Debt & Long-Term Obligations	1.47%	n/a
Gross Combined Total Obligations	2.59%	n/a

¹ Does not include CCSF Lease Revenue Direct Placement Revolving COPs (Transbay Interim Financing).

² Excludes revenue and mortgage revenue bonds and non-bonded third party financing lease obligations. Also excludes tax allocation bonds sold in August, 2009.

³ Section 9.106 of the City Charter limits issuance of general obligation bonds of the City to 3% of the assessed value of all taxable real and personal property, located within the City and County.

Source: Office of Public Finance, City and County of San Francisco, and California Municipal Statistics Inc.

MAJOR ECONOMIC DEVELOPMENT PROJECTS

Numerous development and construction projects are in progress throughout the City at any given time. This section describes several of the most significant privately owned and managed real estate developments currently under way in the City in which there is City participation, generally in the form of a public/private partnership. The information in this section has been prepared by the City based on City-approved plans as well as unofficial plans and representations of the developer in each case and includes forward-looking statements. These forward-looking statements consist of expressions of opinion, estimates, predictions, projections, plans and the like; such forward-looking statements in this section are those of the developers and not of the City. The City makes no prediction, representation or assurance that the plans and projects described will actually be accomplished, or the time frame in which the developments will be completed, or as to the financial impact on City real estate taxes, developer fees, other tax and fee income, employment, retail or real estate activity, or other consequences that might be expected or projected to result from the successful completion of each development project. Completion of development in each case may depend on the local economy, the real estate market, the financial health of the developer and others involved in the project, specific features of each development and its attractiveness to buyers, tenants and others, as well as the financial health of such buyers, tenants, and others. Completion and success of each development will also likely depend on other factors unknown to the City.

Hunters Point Shipyard (Phase 1 and 2) and Candlestick Point

The Hunters Point Shipyard Phase 1 and 2 and Candlestick Point project area will deliver approximately 12,100 new homes, approximately 32 percent of which will be below market rate and will include the rebuilding of the Alice Griffith public housing development consistent with the City's HOPE SF program, up to 4.4 million square feet of research and development space, and more than 350 acres of new parks in the southeast portion of San Francisco (the "Project"). In total, the Project will generate over \$6 billion of new economic activity to the City, more than 15,000 permanent jobs, hundreds of new construction jobs each year, new community facilities, new transit infrastructure, and provide approximately \$90 million in community benefits. The Project's full build out will occur over 20 to 30 years. In the next five years over 1,000 units of housing and 26 acres of parks will be completed in the first phase of the Shipyard.

The first phase of development has begun at the Hunters Point Shipyard site with 439 completed units and 66 units currently under construction. An additional 174 units were expected to begin construction in 2018. On Candlestick Point, 306 housing units are now complete which includes a mix of public housing replacement and new, affordable units, with an additional 31 units in construction. In 2016, horizontal infrastructure construction commenced in Candlestick Point to support additional residential and commercial development; designs in the former Candlestick Point site for a mixed-use residential, office, retail, hotel and film and arts center are currently underway.

Treasure Island

Former Naval Station Treasure Island is located in the San Francisco Bay and connected to the City by the San Francisco-Oakland Bay Bridge. The former base, which ceased operations in 1997, consists of approximately 404 acres on Treasure Island and 94 acres on adjoining Yerba Buena Island, plus approximately 540 acres of unfilled tidal and submerged lands adjacent to the Islands in San Francisco Bay. Development plans for the islands include up to 8,000 new homes, 2,173 of which will be offered at

below-market rates; up to 500 hotel rooms; an expanded marina; restaurants; 140,000 sf of retail and entertainment venues; 311,000 sf of adaptive reuse of historic structures; and a world-class 300-acre parks and open space system including shoreline access and cultural uses such as a museum. The compact mixed-use transit-oriented development is centered around a new ferry terminal connecting the island to downtown San Francisco and is designed to prioritize walking, biking and public transit. The development plan includes green building standard, best practices in low-impact development, and sea level rise adaptation strategies.

The first major land transfer from the Navy to the Treasure Island Development Authority (“TIDA”) occurred in May 2015 and included the northern half of Yerba Buena Island and more than half of the area of Treasure Island. This was followed by smaller transfers of additional parcels on Treasure Island in September 2016, August 2017, and September 2018, and a fifth transfer is expected in 2019. The developer, Treasure Island Community Development (“TICD”), received its first land transfer in February 2016. Demolition in these areas is complete, and initial infrastructure and geotechnical improvements are underway. The first phase of development will include extensive horizontal infrastructure improvements (utilities, ferry facilities, roadway improvements, site preparation, etc.) as well as the initial vertical developments. The complete build-out of the project is anticipated to occur over 15 to 20 years.

Mission Bay

The development plans for Mission Bay include a new University of California-San Francisco (“UCSF”) research campus containing 3.15 million square feet of building space on 46 acres of land, of which 43 acres were donated by the Mission Bay Master Developer and the City; UCSF’s 550-bed hospital; 3.4 million square feet of biotech, ‘cleantech’ and health care office space; 6,500 housing units, with 1,850 (29%) affordable to moderate-, low-, and very low-income households; 425,000 square feet of retail space; a 250-room hotel with up to 25,000 square feet of retail entertainment uses; 49 acres of public open space, including parks along Mission Creek and San Francisco Bay and eight acres of open space within the UCSF campus; a new 500-student public school; and a new fire and police station and police headquarters. Mission Bay is approximately 70% complete.

Mission Bay Blocks 29-32 – Warriors Multi-purpose Recreation and Entertainment Venue

The Golden State Warriors, a National Basketball Association team, is developing a multi-purpose recreation and entertainment venue and associated development in Mission Bay. The site is bordered by Third Street to the West, Terry Francois Boulevard to the East, 16th Street to the South and South Street to the North. The Warriors project includes a state-of-the-art multi-purpose recreation and entertainment venue for Warriors’ home games, concerts and family shows. The site will also have restaurants, retail, office space, bike valet, public plazas and a limited amount of parking. Environmental review has been completed for the site and was upheld in a November 2016 decision. The project began construction in January 2017 and the event center is scheduled to open in time for the 2019-20 basketball season. Over 5,646 units have been completed with an additional 262 units under construction, along with several new parks. In the past 6 months, a 119-unit affordable housing project and a 250-room hotel have broken ground.

Salesforce Transit Center (formerly known as the “Transbay Transit Center”)

The Transbay Project Redevelopment Project Area was adopted in 2005 with the purpose of redeveloping 10 acres of property owned by the State in order to generate funding for the new Salesforce Transit Center. In 2012 the Transit Center District Plan, the guiding document for the area surrounding the transit center, was approved by the Planning Commission and by the Board of Supervisors and includes additional funding sources for the Salesforce Transit Center. The Salesforce Transit Center replaces the former Transbay Terminal at First and Mission Streets with a modern transit hub and includes a future extension of the Caltrain commuter rail line underground 1.3 miles into the Financial District. The Salesforce Transit Center broke ground on August 11, 2010 and opened in August 2018.

The Pelli Clarke Pelli Architects-designed transit center was designed to serve more than 100,000 people per day through 11 transportation systems, including future California High Speed Rail, which will be designed to connect San Francisco to Los Angeles in less than 2-1/2 hours. The center was designed to embrace the goals of green architecture and sustainability. The heart of the Salesforce Transit Center is Salesforce Park, a 5.4-acre public park atop the facility that serves as a living “green roof” for the transit facility. The Salesforce Transit Center will have a LEED rating of at least Silver due to its sustainable design features and its related facilities, including Salesforce Park. Construction and operation of the Salesforce Transit Center is funded by various public funding partners, including the federal government, the State, the Metropolitan Transportation Commission, the San Francisco County and San Mateo County Transportation Authorities, AC Transit and the Successor Agency (OCII) among others.

The 10 acres of property formerly owned by the State surrounding the Salesforce Transit Center is being redeveloped with plans for 3,300 new homes, of which 1,300 will be affordable below-market rate homes, over 2.4 million square feet of new office space, over 9 acres of new parks and open space, and a new retail boulevard on Folsom Street. Of the parcels over which OCII has jurisdiction, four parcels are fully complete, and six parcels are in various stages of pre-development and development. Three of those parcels are currently under construction and will provide over 1,400 housing units within the next year. The sale of various sites has generated more than \$600 million in funding for construction of the Salesforce Transit Center.

In September 2018, construction crews discovered two steel beams with fissures in the ceiling of the third-level bus deck on the eastern side of the Salesforce Transit Center near Fremont Street. After several inspections and out of an abundance of caution, the TJPA temporarily closed the Salesforce Transit Center. Two shoring systems were installed, one at Fremont Street and as a proactive measure, one at First Street, a similarly designed area of the Salesforce Transit Center. Additional inspections and continued monitoring have revealed no additional issues. The City has no indication that there is a regional settling or subsidence issue that contributed to the fissures.

At the TJPA Board meeting on December 13, 2018 LPI, Inc. a specialist in laboratory testing and simulations, presented a preliminary root cause assessment of the girder fissures. The TJPA is evaluating whether the cause of the fissures is related to, among other causes, the design, a defect in materials, fabrication or installation of such girders. An independent Peer Review Panel requested by San Francisco Mayor London Breed and Oakland Mayor Libby Schaaf is undertaking a review of any preliminary findings and the remediation work at First and Fremont Streets, and is overseeing the TJPA’s review of all building-wide shop drawings, inspection reports, design documents, etc. to determine if other reviews or inspections will be necessary before reopening the Salesforce Transit Center.

The Peer Review Panel approved the permanent repair for the fissures near Fremont Street and a reinforcement at First Street. The material procurement process is now underway. Under the oversight of the TJPA and the Peer Review Panel, the TJPA's general contractor began repairs in January 2019, with a final repair schedule to be reported shortly. The TJPA expects the repairs will be made by the general contractor, and that associated costs will be covered by the responsible party.

It is expected that at the next TJPA Board meeting on or about February 14, 2019, the Peer Review Panel will present on the status of their efforts regarding the cause of the fissures in the girders.

While the Salesforce Transit Center remains closed, transit agencies are providing bus service out of the Temporary Terminal at Howard and Main streets.

Seawall Lot (SWL) 337 and Pier 48 (Mission Rock)

Mission Rock is a mixed-use development at Seawall Lot 337 and Pier 48, Port-owned property comprising approximately 28 acres. The Port's development partner on the project is a partnership between the San Francisco Giants and Tishman Speyer (called Mission Rock Partners). The approved development for Mission Rock includes: approximately 8 acres of new public parks and open spaces, including a 5-acre regional waterfront park; approximately 1,500 new rental housing units, 40 percent of which will be affordable to low- and moderate-income households; 1.0 to 1.4 million square feet of commercial space; 250,000 square feet of restaurant and retail space, approximately 3,000 parking spaces within a dedicated parking structure which will serve patrons of the San Francisco Giants' Ballpark as well as Mission Rock occupants and visitors; and the rehabilitation and reuse of historic Pier 48.

On November 3, 2015, 74% of San Francisco voters approved the Mission Rock Affordable Housing, Parks, Jobs and Historic Preservation Initiative (Proposition D), which authorized increased height limits on the Project Site. Environmental review for the project was successfully completed in October 2017. The Port Commission approved the project's CEQA findings and transaction documents in January 2018 and the Mayor signed legislation approving the project and all associated transaction documents in March 2018. In April 2018, State Lands Commission made determinations required under California statutes regarding the Mission Rock development. Site preparation and ground improvement work is planned for Fall 2019, and full project buildout is anticipated to occur in four phases over 15 to 30 years.

Pier 70

Plans for Pier 70 call for substantial new development, new parks, and adaptive reuse of historic structures, on this 69-acre site. Goals of the plans are to preserve and reuse historic structures, retain ship repair operations, provide new open space, reactivate the site. Achieving these goals requires site remediation and substantial new infrastructure. Some of the planning objectives have already been achieved – including the complete rehabilitation of 6 very significant historic buildings (through a Master Lease with Orton Development, Inc.) and site preparation for the new Crane Cove Park. Rehabilitation of two more historic structures are underway and will be complete in 2020. Construction of Crane Cove Park is underway and anticipated to be opened around the same time.

Located on the largest undeveloped portion of the site, the Port, OEWD, and Brookfield Properties (formerly, Forest City), completed all project approvals in February 2018 for new mixed-use neighborhood on a 28-acre portion of Pier 70 known as the Waterfront Site. Approvals included: passage of Proposition F by San Francisco voters in November 2014 – the Union Iron Works Historic District Housing, Waterfront

Parks, Jobs, and Preservation Initiative – which allowed for an increase in height limits on the Waterfront Site to up to 90 feet; Mayoral signature on legislation approving the project in late 2017; and State Lands Commission action on the project in February 2018. The Special Use District for the neighborhood includes 9 acres of new parks, 1,600 to 3,000 residential units with 30% affordable housing, rehabilitation and reuse of three historic buildings in the Union Iron Works Historic District, almost 500,000 square feet of retail, arts, and light industrial space, and 1.1 to 1.7 million square feet of commercial office. The project is anticipated to be developed in 3 phases over 15 to 25 years. The Brookfield team completed site preparations in 2018 and anticipates beginning Phase 1 infrastructure construction in early 2019. The first buildings at the site are planned to be completed as early as 2021.

Moscone Convention Center Expansion Project

The Moscone Center Expansion Project will add approximately 300,000 square feet and re-purpose an additional 120,000 square feet to the portion of the existing Moscone Center located on Howard Street between 3rd and 4th Streets in the Yerba Buena Gardens neighborhood of San Francisco. Nearly 140,000 square feet of this additional space would be created by excavating and expanding the existing below-grade exhibition halls that connect the Moscone North and South buildings under Howard Street, with the remaining consisting of new and repurposed lobby area, new multi-purpose/meeting room area, and new and re-purposed building support area.

The project proposes a new mid-block pedestrian entrance from Third Street and a replacement pedestrian bridge connecting Yerba Buena Gardens with the cultural facilities and children’s playground to the south. An additional enclosed pedestrian bridge would provide enhanced circulation for Moscone convention attendees and reduce on-street congestion.

A May 2012 analysis by Jones Lang LaSalle Hotels estimated that the City would forego up to \$2 billion in revenue over the next decade if Moscone were not expanded. The project allows the City to recover approximately \$734 million of this future revenue and create 3,480 local jobs through a phased construction schedule that keeps Moscone in continuous revenue generating operation.

The project is a joint partnership between the City and the hotel industry, acting through the Tourist Improvement District Management Corporation, with the City paying approximately one-third of all expansion costs and the hotel community paying approximately two-thirds. The Board of Supervisors unanimously approved the creation of the Moscone Expansion District and the issuance of \$507 million in Certificates of Participation on February 5, 2013 and the Planning Commission unanimously approved the project on August 15, 2014. On July 6, 2017, the City issued \$412.0 million in Certificates of Participation for the Moscone Convention Center Expansion Project, and there are no plans to issue any subsequent certificates for the expansion project. Project development began in December 2012, with major construction starting in November 2014. The project achieved substantial completion on December 31, 2018.

CONSTITUTIONAL AND STATUTORY LIMITATIONS ON TAXES AND EXPENDITURES

Several constitutional and statutory limitations on taxes, revenues and expenditures exist under State law which limit the ability of the City to impose and increase taxes and other revenue sources and to spend such revenues, and which, under certain circumstances, would permit existing revenue sources of the City to be reduced by vote of the City electorate. These constitutional and statutory limitations, and future limitations, if enacted, could potentially have an adverse impact on the City’s general finances and its

ability to raise revenue, or maintain existing revenue sources, in the future. However, *ad valorem* property taxes required to be levied to pay debt service on general obligation bonds was authorized and approved in accordance with all applicable constitutional limitations. A summary of the currently effective limitations is set forth below.

Article XIII A of the California Constitution

Article XIII A of the California Constitution, known as “Proposition 13,” was approved by the California voters in June of 1978. It limits the amount of *ad valorem* tax on real property to 1% of “full cash value,” as determined by the county assessor. Article XIII A defines “full cash value” to mean the county assessor’s valuation of real property as shown on the 1975-76 tax bill under “full cash value,” or thereafter, the appraised value of real property when “purchased, newly constructed or a change in ownership has occurred” (as such terms are used in Article XIII A) after the 1975 assessment. Furthermore, all real property valuation may be increased or decreased to reflect the inflation rate, as shown by the CPI or comparable data, in an amount not to exceed 2% per year, or may be reduced in the event of declining property values caused by damage, destruction or other factors. Article XIII A provides that the 1% limitation does not apply to *ad valorem* taxes to pay interest or redemption charges on 1) indebtedness approved by the voters prior to July 1, 1978, 2) any bonded indebtedness for the acquisition or improvement of real property approved on or after July 1, 1978, by two-thirds of the votes cast by the voters voting on the proposition, or 3) bonded indebtedness incurred by a school district or community college district for the construction, reconstruction, rehabilitation or replacement of school facilities or the acquisition or lease of real property for school facilities, approved by 55% of the voters of the district voting on the proposition, but only if certain accountability measures are included in the proposition.

The California Revenue and Taxation Code permits county assessors who have reduced the assessed valuation of a property as a result of natural disasters, economic downturns or other factors, to subsequently “recapture” such value (up to the pre-decline value of the property) at an annual rate higher or lower than 2%, depending on the assessor’s measure of the restoration of value of the damaged property. The California courts have upheld the constitutionality of this procedure.

Since its adoption, Article XIII A has been amended a number of times. These amendments have created a number of exceptions to the requirement that property be assessed when purchased, newly constructed or a change in ownership has occurred. These exceptions include certain transfers of real property between family members, certain purchases of replacement dwellings for persons over age 55 and by property owners whose original property has been destroyed in a declared disaster, and certain improvements to accommodate persons with disabilities and for seismic upgrades to property. These amendments have resulted in marginal reductions in the property tax revenues of the City. Both the California State Supreme Court and the United States Supreme Court have upheld the validity of Article XIII.

Article XIII B of the California Constitution

Article XIII B was enacted by California voters as an initiative constitutional amendment in November 1979. Article XIII B limits the annual appropriations from the proceeds of taxes of the State and any city, county, school district, authority or other political subdivision of the State to the level of appropriations for the prior fiscal year, as adjusted for changes in the cost of living, population, and services rendered by the governmental entity. However, no limit is imposed on the appropriation of local revenues and taxes to pay debt service on bonds existing or authorized by January 1, 1979, or subsequently authorized by the voters. Article XIII B includes a requirement that if an entity’s average revenues over two

consecutive years exceed the amount permitted to be spent, the excess would have to be returned by revising tax or fee schedules over the following two years. With voter approval, the appropriations limit can be raised for up to four years.

Articles XIIC and XIID of the California Constitution

Proposition 218, an initiative constitutional amendment, approved by the voters of the State in 1996, added Articles XII C and XIID to the State Constitution, which affect the ability of local governments, including charter cities such as the City, to levy and collect both existing and future taxes, assessments, fees and charges. Proposition 218 does not affect the levy and collection of taxes for voter-approved debt. However, Proposition 218 affects the City's finances in other ways. Article XIIC requires that all new local taxes be submitted to the electorate for approval before such taxes become effective. Taxes for general governmental purposes of the City require a majority vote and taxes for specific purposes require a two-thirds vote. Under Proposition 218, the City can only continue to collect taxes that were imposed after January 1, 1995 if voters subsequently approved such taxes by November 6, 1998. All of the City's local taxes subject to such approval have been either reauthorized in accordance with Proposition 218 or discontinued. The voter approval requirements of Article XIII C reduce the City's flexibility to manage fiscal problems through new, extended or increased taxes. No assurance can be given that the City will be able to raise taxes in the future to meet increased expenditure requirements.

In addition, Article XIIC addresses the initiative power in matters of local taxes, assessments, fees and charges. Pursuant to Article XIIC, the voters of the City could, by initiative, repeal, reduce or limit any existing or future local tax, assessment, fee or charge, subject to certain limitations imposed by the courts and additional limitations with respect to taxes levied to repay bonds. The City raises a substantial portion of its revenues from various local taxes which are not levied to repay bonded indebtedness, and which could be reduced by initiative under Article XIIC. No assurance can be given that the voters of the City will disapprove initiatives that repeal, reduce or prohibit the imposition or increase of local taxes, assessments, fees or charges. See "OTHER CITY TAX REVENUES" herein, for a discussion of other City taxes that could be affected by Proposition 218.

With respect to the City's general obligation bonds (City bonds secured by *ad valorem* property taxes), the State Constitution and the laws of the State impose a duty on the Board of Supervisors to levy a property tax sufficient to pay debt service coming due in each year. The initiative power cannot be used to reduce or repeal the authority and obligation to levy such taxes which are pledged as security for payment of the City's general obligation bonds or to otherwise interfere with performance of the duty of the City with respect to such taxes which are pledged as security for payment of those bonds.

Article XIID contains several provisions making it generally more difficult for local agencies, such as the City, to levy and maintain "assessments" (as defined in Article XIID) for local services and programs. The City has created a number of special assessment districts both for neighborhood business improvement purposes and community benefit purposes and has caused limited obligation bonds to be issued in 1996 to finance construction of a new public right of way. The City cannot predict the future impact of Proposition 218 on the finances of the City, and no assurance can be given that Proposition 218 will not have a material adverse impact on the City's revenues.

Statutory Limitations

On November 4, 1986, California voters adopted Proposition 62, an initiative statute that, among other things, requires (i) that any new or increased general purpose tax be approved by a two-thirds vote of the

local governmental entity's legislative body and by a majority vote of the voters, and (ii) that any new or increased special purpose tax be approved by a two-thirds vote of the voters.

In *Santa Clara County Local Transportation Authority v. Guardino*, 11 Cal. 4th 220 (1995) (the "*Santa Clara* decision"), the California Supreme Court upheld a Court of Appeal decision invalidating a one-half cent countywide sales tax for transportation purposes levied by a local transportation authority. The California Supreme Court based its decision on the failure of the authority to obtain a two-thirds vote for the levy of a "special tax" as required by Proposition 62. The *Santa Clara* decision did not address the question of whether it should be applied retroactively. In *McBrearty v. City of Brawley*, 59 Cal. App. 4th 1441 (1997), the Court of Appeal, Fourth District, concluded that the *Santa Clara* decision is to be applied retroactively to require voter approval of taxes enacted after the adoption of Proposition 62 but before the *Santa Clara* decision.

The *Santa Clara* decision also did not decide, and the California Supreme Court has not otherwise decided, whether Proposition 62 applies to charter cities. The City is a charter city. Cases decided by the California Courts of Appeal have held that the voter approval requirements of Proposition 62 do not apply to certain taxes imposed by charter cities. See *Fielder v. City of Los Angeles*, 14 Cal. App. 4th 137 (1993) and *Fisher v. County of Alameda*, 20 Cal. App. 4th 120 (1993).

Proposition 62, as an initiative statute, does not have the same level of authority as a constitutional initiative, but is analogous to legislation adopted by the State Legislature, except that it may be amended only by a vote of the State's electorate. Since it is a statute, it is subordinate to the authority of charter cities to impose taxes derived from the State Constitution. Proposition 218 (discussed above), however, incorporates the voter approval requirements initially imposed by Proposition 62 into the State Constitution.

Even if a court were to conclude that Proposition 62 applies to charter cities, the City's exposure under Proposition 62 may not be significant. The effective date of Proposition 62 was November 1986. Proposition 62 contains provisions that apply to taxes imposed on or after August 1, 1985. Since August 1, 1985, the City has collected taxes on businesses, hotel occupancy, utility use, parking, property transfer, stadium admissions and vehicle rentals. See "OTHER CITY TAX REVENUES" herein. Only the hotel and stadium admissions taxes have been increased since that date. The increases in these taxes were ratified by the voters on November 3, 1998 pursuant to the requirements of Proposition 218. With the exception of the vehicle rental tax, the City continues to collect all of the taxes listed above. Since these remaining taxes were adopted prior to August 1, 1985, and have not been increased, these taxes would not be subject to Proposition 62 even if Proposition 62 applied to a charter city.

Proposition 1A

Proposition 1A, a constitutional amendment proposed by the State Legislature and approved by the voters in November 2004, provides that the State may not reduce any local sales tax rate, limit existing local government authority to levy a sales tax rate, or change the allocation of local sales tax revenues, subject to certain exceptions. As set forth under the laws in effect as of November 3, 2004, Proposition 1A generally prohibits the State from shifting any share of property tax revenues allocated to local governments for any fiscal year to schools or community colleges. Any change in the allocation of property tax revenues among local governments within a county must be approved by two-thirds of both houses of the Legislature. Proposition 1A provides, however, that beginning in fiscal year 2008-09, the State may shift to schools and community colleges up to 8% of local government property tax revenues, which amount must be repaid, with interest, within three years, if the Governor proclaims that the shift is

needed due to a severe State financial hardship, the shift is approved by two-thirds of both houses and certain other conditions are met. The State may also approve voluntary exchanges of local sales tax and property tax revenues among local governments within a county.

Proposition 1A also provides that if the State reduces the annual vehicle license fee rate below 0.65% of vehicle value, the State must provide local governments with equal replacement revenues. Further, Proposition 1A requires the State to suspend State mandates affecting cities, counties and special districts, excepting mandates relating to employee rights, schools or community colleges, in any year that the State does not fully reimburse local governments for their costs to comply with such mandates.

Proposition 1A may result in increased and more stable City revenues. The magnitude of such increase and stability is unknown and would depend on future actions by the State. However, Proposition 1A could also result in decreased resources being available for State programs. This reduction, in turn, could affect actions taken by the State to resolve budget difficulties. Such actions could include increasing State taxes, decreasing aid to cities and spending on other State programs, or other actions, some of which could be adverse to the City.

Proposition 22

Proposition 22 (“Proposition 22”) which was approved by California voters in November 2010, prohibits the State, even during a period of severe fiscal hardship, from delaying the distribution of tax revenues for transportation, redevelopment, or local government projects and services and prohibits fuel tax revenues from being loaned for cash-flow or budget balancing purposes to the State General Fund or any other State fund. In addition, Proposition 22 generally eliminates the State’s authority to temporarily shift property taxes from cities, counties, and special districts to schools, temporarily increase a school and community college district’s share of property tax revenues, prohibits the State from borrowing or redirecting redevelopment property tax revenues or requiring increased pass-through payments thereof, and prohibits the State from reallocating vehicle license fee revenues to pay for State-imposed mandates. In addition, Proposition 22 requires a two-thirds vote of each house of the State Legislature and a public hearing process to be conducted in order to change the amount of fuel excise tax revenues shared with cities and counties. Proposition 22 prohibits the State from enacting new laws that require redevelopment agencies to shift funds to schools or other agencies (but see “San Francisco Redevelopment Agency Dissolution” above). While Proposition 22 will not change overall State and local government costs or revenues by the express terms thereof, it will cause the State to adopt alternative actions to address its fiscal and policy objectives.

Due to the prohibition with respect to the State’s ability to take, reallocate, and borrow money raised by local governments for local purposes, Proposition 22 supersedes certain provisions of Proposition 1A (2004). However, borrowings and reallocations from local governments during 2009 are not subject to Proposition 22 prohibitions. In addition, Proposition 22 supersedes Proposition 1A of 2006. Accordingly, the State is prohibited from borrowing sales taxes or excise taxes on motor vehicle fuels or changing the allocations of those taxes among local governments except pursuant to specified procedures involving public notices and hearings.

Proposition 26

On November 2, 2010, the voters approved Proposition 26 (“Proposition 26”), revising certain provisions of Articles XIII and XIII of the California Constitution. Proposition 26 re-categorizes many State and local fees as taxes, requires local governments to obtain two-thirds voter approval for taxes levied by local

governments, and requires the State to obtain the approval of two-thirds of both houses of the State Legislature to approve State laws that increase taxes. Furthermore, pursuant to Proposition 26, any increase in a fee beyond the amount needed to provide the specific service or benefit is deemed to be a tax and the approval thereof will require a two-thirds vote. In addition, for State-imposed charges, any tax or fee adopted after January 1, 2010 with a majority vote which would have required a two-thirds vote if Proposition 26 were effective at the time of such adoption is repealed as of November 2011 absent the re-adoption by the requisite two-thirds vote.

Proposition 26 amends Article XIII of the State Constitution to state that a “tax” means a levy, charge or exaction of any kind imposed by a local government, except (1) a charge imposed for a specific benefit conferred or privilege granted directly to the payor that is not provided to those not charged, and which does not exceed the reasonable costs to the local government of conferring the benefit or granting the privilege; (2) a charge imposed for a specific government service or product provided directly to the payor that is not provided to those not charged, and which does not exceed the reasonable costs to the local government of providing the service or product; (3) a charge imposed for the reasonable regulatory costs to a local government for issuing licenses and permits, performing investigations, inspections and audits, enforcing agricultural marketing orders, and the administrative enforcement and adjudication thereof; (4) a charge imposed for entrance to or use of local government property or the purchase rental or lease of local government property; (5) a fine, penalty, or other monetary charge imposed by the judicial branch of government or a local government as a result of a violation of law, including late payment fees, fees imposed under administrative citation ordinances, parking violations, etc.; (6) a charge imposed as a condition of property development; or (7) assessments and property related fees imposed in accordance with the provisions of Proposition 218. Fees, charges and payments that are made pursuant to a voluntary contract that are not “imposed by a local government” are not considered taxes and are not covered by Proposition 26.

Proposition 26 applies to any levy, charge or exaction imposed, increased, or extended by local government on or after November 3, 2010. Accordingly, fees adopted prior to that date are not subject to the measure until they are increased or extended or if it is determined that an exemption applies.

If the local government specifies how the funds from a proposed local tax are to be used, the approval will be subject to a two-thirds voter requirement. If the local government does not specify how the funds from a proposed local tax are to be used, the approval will be subject to a fifty percent voter requirement. Proposed local government fees that are not subject to Proposition 26 are subject to the approval of a majority of the governing body. In general, proposed property charges will be subject to a majority vote of approval by the governing body although certain proposed property charges will also require approval by a majority of property owners.

Future Initiatives and Changes in Law

The laws and Constitutional provisions described above were each adopted as measures that qualified for the ballot pursuant to the State’s initiative process. From time to time other initiative measures could be adopted, further affecting revenues of the City or the City’s ability to expend revenues. The nature and impact of these measures cannot be anticipated by the City.

On April 25, 2013, the California Supreme Court in *McWilliams v. City of Long Beach* (April 25, 2013, No. S202037), held that the claims provisions of the Government Claims Act (Government Code Section 900 *et. seq.*) govern local tax and fee refund actions (absent another State statute governing the issue), and

that local ordinances were without effect. The effect of the McWilliams case is that local governments could face class actions over disputes involving taxes and fees. Such cases could expose local governments to significant refund claims in the future. The City cannot predict whether any such class claims will be filed against it in the future, the outcome of any such claim or its impact on the City.

LITIGATION AND RISK MANAGEMENT

Pending Litigation

There are a number of lawsuits and claims routinely pending against the City, including those summarized in Note 18 to the City's CAFR as of June 30, 2017. Included among these are a number of actions which if successful would be payable from the City's General Fund. In the opinion of the City Attorney, such suits and claims presently pending will not materially impair the ability of the City to pay debt service on its General Fund lease obligations or other debt obligations, nor have an adverse impact on City finances.

Millennium Tower is a 58-story luxury residential building completed in 2009 and located at 301 Mission Street in downtown San Francisco. On August 17, 2016, some owners of condominiums in Millennium Tower filed a lawsuit, San Francisco Superior Court No. 16-553758 (the "Lehman Lawsuit") against the Transbay Joint Powers Authority ("TJPA") and the individual members of the TJPA, including the City. The TJPA is a joint exercise of powers authority created by the City, the Alameda-Contra Costa Transit District, the Peninsula Corridor Joint Powers Board, and Caltrans (ex officio). The TJPA is responsible under State law for developing and operating the Salesforce Transit Center, which will be a new regional transit hub located near the Millennium Tower. See "MAJOR ECONOMIC DEVELOPMENT PROJECTS – Salesforce Transit Center (formerly known as the "Transbay Transit Center")."

The TJPA began excavation and construction of the Salesforce Transit Center in 2010, after the Millennium Tower was completed. In brief, the Lehman Lawsuit claims that the construction of the Salesforce Transit Center harmed the Millennium Tower by causing it to settle into the soil more than planned and tilt toward the west/northwest, and the owners claim unspecified monetary damages for inverse condemnation and nuisance. The TJPA has asserted that the Millennium Tower was already sinking more than planned and tilting before the TJPA began construction of the Salesforce Transit Center and that the TJPA took precautionary efforts to avoid exacerbating the situation. In addition to the Lehman Lawsuit, several other lawsuits have been filed against the TJPA related to the subsidence and tilting of the Millennium Tower. In total, eight lawsuits have been filed against TJPA, and a total of four of those name the City.

In addition to the Lehman Lawsuit, the City is named as a defendant in a lawsuit filed by the owners of a single unit, the Montana Lawsuit, San Francisco Superior Court Case No. 17-558649, and in two lawsuits filed by owners of multiple units, the Ying Lawsuit (Case No. 17-559210) and the Turgeon Lawsuit (Case No. 18-564417). The Montana, Ying and Turgeon Lawsuits contain similar claims as the Lehman Lawsuit. The City continues to evaluate the lawsuits, and the subject matter of the lawsuits, and is engaged in discovery, but cannot now make any prediction as to the outcome of the lawsuits, or whether the lawsuits, if determined adversely to the TJPA or the City, would have a material adverse impact on City finances.

Risk Retention Program

Citywide risk management is coordinated by the Risk Management Division which reports to the Office of the City Administrator. With certain exceptions, it is the general policy of the City not to purchase commercial liability insurance for the risks of losses to which it is exposed but rather to first evaluate self-insurance for such risks. The City believes that it is more economical to manage its risks internally and administer, adjust, settle, defend, and pay claims from budgeted resources (i.e., "self-insurance"). The City obtains commercial insurance in certain circumstances, including when required by bond or lease financing covenants and for other limited purposes. The City actuarially determines liability and workers' compensation risk exposures as permitted under State law. The City does not maintain commercial earthquake coverage, with certain minor exceptions.

The City's decision to obtain commercial insurance depends on various factors including whether the facility is currently under construction or if the property is owned by a self-supporting enterprise fund department. For new construction projects, the City has utilized traditional insurance, owner-controlled insurance programs or contractor-controlled insurance programs. Under the latter two approaches, the insurance program provides coverage for the entire construction project. When a traditional insurance program is used, the City requires each contractor to provide its own insurance, while ensuring that the full scope of work be covered with satisfactory limits. The majority of the City's commercial insurance coverage is purchased for enterprise fund departments and other similar revenue-generating departments (i.e. the Airport, MTA, the PUC, the Port and Convention Facilities, etc.). The remainder of the commercial insurance coverage is for General Fund departments that are required to provide coverage for bond-financed facilities, coverage for collections at City-owned museums and to meet statutory requirements for bonding of various public officials, and other limited purposes where required by contract or other agreement.

Through coordination between the City Controller and the City Attorney's Office, the City's general liability risk exposure is actuarially determined and is addressed through appropriations in the City's budget and also reflected in the CAFR. The appropriations are sized based on actuarially determined anticipated claim payments and the projected timing of disbursement.

The City actuarially estimates future workers' compensation costs to the City according to a formula based on the following: (i) the dollar amount of claims; (ii) yearly projections of payments based on historical experience; and (iii) the size of the department's payroll. The administration of workers' compensation claims, and payouts are handled by the Workers' Compensation Division of the City's Department of Human Resources. The Workers' Compensation Division determines and allocates workers' compensation costs to departments based upon actual payments and costs associated with a department's injured workers' claims. Statewide workers' compensation reforms have resulted in some City budgetary savings in recent years. The City continues to develop and implement programs to lower or mitigate workers' compensation costs. These programs focus on accident prevention, transitional return to work for injured workers, improved efficiencies in claims handling and maximum utilization of medical cost containment strategies.

The City's estimated liability and workers' compensation risk exposures are summarized in Note 18 to the City's CAFR.