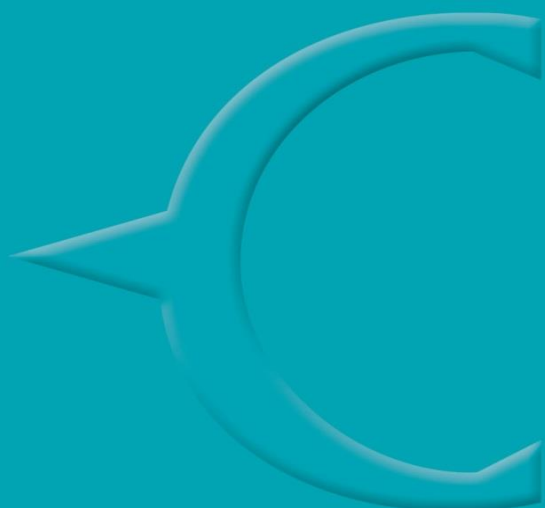




Santa Barbara County Employees' Retirement System

**GASB 74/75 Report
as of June 30, 2019**

Produced by Cheiron

December 2019

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December 10, 2019

Board of Retirement
Santa Barbara County
Employees' Retirement System
3916 State Street, Suite 210
Santa Barbara, CA 93105

Dear Members of the Board:

The purpose of this report is to provide accounting and financial reporting information under Governmental Accounting Standards Board Statements No. 74 and No. 75 (GASB 74 and GASB 75) for the Santa Barbara County Employees' Retirement System Post-Employment Healthcare Plan. This information includes:

- Determination of the discount rate as of the measurement date;
- Projection of the Total OPEB Liability from the valuation date to the measurement date;
- Sensitivity of the Net OPEB liability to changes in discount rates;
- Changes in the Net OPEB Liability;
- Schedule of Employer Contributions;
- Disclosure of Deferred Inflows and Outflows; and,
- Calculation of the Annual OPEB Expense for the employers who participate in the Santa Barbara County Employees' Retirement System Post-Employment Healthcare Plan.

If you have any questions about the report or would like additional information, please let us know.

Sincerely,
Cheiron

A handwritten signature in blue ink, appearing to read "Graham Schmidt".

Graham Schmidt, ASA, FCA, MAAA, EA
Consulting Actuary

A handwritten signature in blue ink, appearing to read "Michael W. Schionning".

Michael W. Schionning, FSA, MAAA
Principal Consulting Actuary

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION I – BOARD SUMMARY

Highlights

The measurement date for the Santa Barbara County Employees' Retirement System Postemployment Healthcare Plan ("Plan") is June 30, 2019. Measurements are based on the fair value of assets as of June 30, 2019 and the Total OPEB Liability (TOL) as of the valuation date, June 30, 2018, updated to June 30, 2019. To the best of our knowledge, there were no significant events between the valuation date and the measurement date. However, for many of the employers, the beginning and end of year measurements are based on different assumptions, namely different discount rates. Consequently, the update was based upon the Total OPEB Liability as of the valuation date reflecting the new assumptions and projected to the measurement date with the addition of service cost and interest cost offset by actual benefit payments.

The table below provides an aggregated summary of the key results during this measurement period.

Table I-1 Summary of Results			
	Measurement Date		
	6/30/2019	6/30/2018	
Net OPEB Liability	\$ 119,870,303	\$ 126,686,023	
Deferred Outflows	(430,694)	(371,284)	
Deferred Inflows	<u>7,335,591</u>	<u>6,737,027</u>	
Net Impact on Statement of Net Position	\$ 126,775,201	\$ 133,051,767	
OPEB Expense (\$ Amount)	\$ 8,162,515	\$ 9,456,375	
OPEB Expense (% of Payroll)	2.30%	2.75%	

The Net OPEB liability (NOL) aggregated across all participating employers decreased approximately \$7 million during the measurement period, primarily due to experience gains and contributions by some of the employers.

Plan changes are recognized immediately, and investment gains and losses are recognized in the OPEB expense over five years. Changes in NOL due to actuarial gains and losses as well as assumption changes are recognized over the average remaining service life (including inactive), determined at the beginning of each measurement period. The average remaining service life differs by employer. Unrecognized amounts are reported as deferred inflows and deferred outflows.

As of the end of the reporting year, the County and other participating employers would report a Net OPEB liability of \$119,870,303, Deferred Outflows of \$430,694 and Deferred Inflows of

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION I – BOARD SUMMARY

\$7,335,591 related to the Plan. Consequently, the net impact on the aggregate of participating employers' Statements of Net Position due to the Plan would be \$126,775,201 at the end of the measurement year. In addition, any contributions between the measurement date and the employers' reporting date would be reported as deferred outflows to offset the cash outflow reported. Exhibits breaking out details by employer are shown later in this report.

For the measurement year ending June 30, 2019, the annual OPEB expense for all participating employers is \$8,162,515, or 2.30% of covered payroll. This amount is not related to the participating employers' contributions to the Plan (\$14,439,081), but instead represents the change in the net impact on the aggregate of the participating employers' Statements of Net Position plus the aggregate employer contributions (\$126,775,201 – \$133,051,767 + \$14,439,081). Volatility in OPEB expense from year-to-year is to be expected given the short recognition periods for investment gains and losses, assumption changes, and liability gains and losses. A breakdown of the components of the net OPEB expense is shown later in the report.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION II – CERTIFICATION

The purpose of this report is to provide accounting and financial reporting information under GASB No. 74 for the Postemployment Healthcare Plan provided by the Santa Barbara County Employees' Retirement System (Plan) and under GASB No. 75 for the participating employers of the Plan. This report is for the use of the Plan, the participating employers, and their auditors in preparing financial reports in accordance with applicable law and accounting requirements. This report is not appropriate for other purposes, including the measurement of funding requirements for the Plan.

In preparing our report, we relied on information (some oral and some written) supplied by the Plan. This information includes, but is not limited to, the plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

Future actuarial measurements may differ significantly from the current measurements due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; and, changes in plan provisions or applicable law.

This report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices and our understanding of the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board as well as applicable laws and regulations. Furthermore, as credentialed actuaries, collectively we meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this report. This report does not address any contractual or legal issues. We are not attorneys and our firm does not provide any legal services or advice.

This report was prepared for the Plan for the purposes described herein and for the use by the plan auditor in completing an audit related to the matters herein. Other users of this report are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to any other user.

Graham Schmidt, ASA, FCA, MAAA, EA
Consulting Actuary

Michael W. Schionning, FSA, MAAA
Principal Consulting Actuary

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION III – DETERMINATION OF DISCOUNT RATE

The discount rates used to measure the Total OPEB liability differ by employer and are outlined in the table below.

Table III-1 GASB Discount Rate by Employer		
Employer	June, 30 2018	June, 30 2019
Santa Barbara County	7.00%	7.00%
Air Pollution Control District	7.00%	7.00%
Courts	7.00%	7.00%
Carpinteria Cemetery	3.87%	3.50%
Goleta Cemetery	3.87%	3.50%
Santa Maria Cemetery	3.87%	3.50%
SB County Assoc. of Govts	3.87%	3.50%
Summerland Sanitary	3.87%	3.50%
Carpinteria-Summerland FPO	3.87%	3.50%

The projection of cash flows used to determine the discount rates above assume that employer contributions to the Plan will continue based on their current funding policies. All employers aside from the County of Santa Barbara and the Air Pollution Control District follow a pay-as-you-go contribution policy. The Courts made a one-time contribution toward OPEB liabilities for the fiscal year ended June 30, 2017, but remain on a pay-as-you-go contribution policy. The funding policy for the County of Santa Barbara indicates that the County will make minimum annual contributions to the Plan of 4% of total pensionable payroll for all County employees participating in the SBCERS 401(a) pension plan. The funding policy for the Air Pollution Control District is to contribute the maximum allowable 401(h) contribution, which is 25% of the annual contribution to the 401(a) pension plan (other than contributions to fund past service credits).

For all employers using a pay-as-you-go plan, other than the Courts, the discount rate used at the June 30, 2019 measurement date is equal to the applicable rate of the 20-year obligation bond as described by the GASB statements.

For the County of Santa Barbara, the Air Pollution Control District, and the Courts, the Plan's Fiduciary Net Position was projected to be available to make projected future benefit payments for current members for all future years. Consequently, the single equivalent rate used to determine the Total OPEB Liability as of June 30, 2019 is 7.00%.

Appendix D shows the details of these calculations.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION IV – PROJECTION OF TOTAL OPEB LIABILITY

The Total OPEB Liability (TOL) at the end of the measurement year is measured as of the valuation date, June 30, 2018, and projected to the measurement date, June 30, 2019. Because the TOL shown in the prior report was measured as of June 30, 2017 and projected to June 30, 2018, it will not match the amounts measured as of June 30, 2018 that are shown in this exhibit. In addition, the amounts shown in this exhibit as of June 30, 2018 are measured using different assumptions, including discount rates.

The table below shows the projection of the TOL at discount rates equal to the rate used for disclosure and plus and minus one percent from that rate.

Table IV-1 Projection of Total OPEB Liability from Valuation to Measurement Date			
Discount Rate	-1 %	Baseline	+1 %
Valuation Total OPEB Liability, 6/30/2018			
Actives	\$ 49,965,607	\$ 43,286,275	\$ 37,742,665
Deferred Vested	8,958,936	7,613,120	6,548,982
Retirees	100,555,491	92,483,091	85,539,490
Total	\$ 159,480,034	\$ 143,382,486	\$ 129,831,137
Service Cost	2,375,854	1,862,214	1,471,526
Benefit Payments	(9,160,869)	(9,160,869)	(9,160,869)
Interest	9,201,334	9,639,823	9,956,204
Total OPEB Liability, 6/30/2019	\$ 161,896,353	\$ 145,723,654	\$ 132,097,998

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION V – GASB 74 REPORTING INFORMATION

The table below shows the changes in the Total OPEB liability (TOL), the Plan Fiduciary Net Position (i.e., fair value of Plan assets) (FNP), and the Net OPEB liability (NOL) during the measurement period ending on June 30, 2019.

This schedule is not required to be included in the Notes of the Plan's financial statements under GASB 74, although a similar schedule is required for each employer's financial statements under GASB 75. However, we have included this aggregated schedule to provide additional information to the Plan regarding the combined obligations of the employers.

Table V-1 Change in Net OPEB Liability			
	Increase (Decrease)		
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability
Balance at end of prior year	\$ 145,741,293	\$ 19,055,270	\$ 126,686,023
Changes for the year:			
Service cost	1,853,444		1,853,444
Interest	9,820,182		9,820,182
Changes of benefits	0		0
Differences between expected and actual experience	(2,720,157)		(2,720,157)
Changes of assumptions	189,760		189,760
Contributions - employer		14,439,081	(14,439,081)
Contributions - member		0	0
Net investment income		1,929,053	(1,929,053)
Benefit payments	(9,160,869)	(9,160,869)	0
Administrative expense		(409,185)	409,185
Net changes	<u>(17,639)</u>	<u>6,798,081</u>	<u>(6,815,720)</u>
Balance at end of current year	<u>\$ 145,723,654</u>	<u>\$ 25,853,351</u>	<u>\$ 119,870,303</u>

During the measurement year, the NOL decreased by approximately \$7 million. The service cost and interest cost increased the NOL by approximately \$12 million while contributions plus investment income offset by administrative expenses decreased the NOL by approximately \$16 million.

There were no changes in benefits during the year. There were changes to the discount rate assumptions for some employers effective during the measurement year, which increased the NOL incrementally. There were actuarial experience gains during the year of approximately \$3 million.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION V – GASB 74 REPORTING INFORMATION

Changes in the discount rate affect the measurement of the TOL. Lower discount rates produce a higher TOL and higher discount rates produce a lower TOL. Because the discount rate does not affect the measurement of assets, the percentage change in the NOL can be very significant for a relatively small change in the discount rate. The table below shows the sensitivity of the NOL to the discount rate.

Table V-2 Sensitivity of Net OPEB Liability to Changes in Discount Rate			
	1% Decrease	Baseline Discount Rate	1% Increase
Total OPEB Liability	\$ 161,896,353	\$ 145,723,654	\$ 132,097,998
Plan Fiduciary Net Position	25,853,351	25,853,351	25,853,351
Net OPEB Liability	<u>\$ 136,043,002</u>	<u>\$ 119,870,303</u>	<u>\$ 106,244,647</u>
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	16.0%	17.7%	19.6%

As above, this schedule is not required to be included in the Notes of the Plan's financial statements under GASB 74, although a similar schedule is required for each employer's financial statements under GASB 75. However, we have included this aggregated schedule to provide additional information to the Plan regarding the sensitivity of the overall obligations of the employers to changes in the discount rate.

A one percent decrease in the discount rate increases the TOL by approximately 11% and increases the NOL by approximately 13%. A one percent increase in the discount rate decreases the TOL by approximately 9% and decreases the NOL by approximately 11%.

Since the dollar amount of the benefits provided are not expected to increase and are below the current premiums for health benefits, no trend assumptions are used in calculating the OPEB liabilities. Therefore, the results are not affected by any increase or decrease in the healthcare trend rates that may apply to the underlying benefit premiums in the future.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION V – GASB 74 REPORTING INFORMATION

The schedule below shows the changes in NOL and related ratios that are required to be shown by each of the employers in their Required Supplementary Information, aggregated across all employers. These schedules generally start with information as of the implementation of GASB 75, and eventually will build up to 10 years of information. The schedule below shows the changes in NOL and related ratios required by GASB for the three years since implementation. The covered payroll represents actual pensionable pay during the measurement year.

Table V-3 Schedule of Changes in Net OPEB Liability and Related Ratios			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 1,853,444	\$ 2,131,503	\$ 2,353,134
Interest (includes interest on service cost)	9,820,182	9,758,548	9,513,986
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(2,720,157)	(3,296,255)	(0)
Changes of assumptions	189,760	(3,741,151)	(1,560,300)
Benefit payments, including refunds of member contributions	(9,160,869)	(9,038,934)	(8,985,415)
Net change in total OPEB liability	\$ (17,639)	\$ (4,186,288)	\$ 1,321,405
Total OPEB liability - beginning	145,741,293	149,927,581	148,606,176
Total OPEB liability - ending	<u>\$ 145,723,654</u>	<u>\$ 145,741,293</u>	<u>\$ 149,927,581</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 14,439,081	\$ 13,546,795	\$ 14,639,554
Contributions - member	0	0	0
Net investment income	1,929,053	988,350	682,671
Benefit payments, including refunds of member contributions	(9,160,869)	(9,038,934)	(8,985,415)
Administrative expense	(409,185)	(428,654)	(379,961)
Net change in plan fiduciary net position	\$ 6,798,081	\$ 5,067,557	\$ 5,956,849
Plan fiduciary net position - beginning	19,055,270	13,987,713	8,030,864
Plan fiduciary net position - ending	<u>\$ 25,853,351</u>	<u>\$ 19,055,270</u>	<u>\$ 13,987,713</u>
Net OPEB liability - ending	<u>\$ 119,870,303</u>	<u>\$ 126,686,023</u>	<u>\$ 135,939,868</u>
Plan fiduciary net position as a percentage of the total OPEB liability	17.74%	13.07%	9.33%
Covered payroll	\$ 354,865,811	\$ 343,917,692	\$ 339,732,772
Net OPEB liability as a percentage of covered payroll	33.78%	36.84%	40.01%

No amount has been determined on an actuarial basis to fund the Plan, and consequently, the schedule of employer contributions is not provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION VI – GASB 75 REPORTING INFORMATION

We understand the employers that participate in the Plan have elected to use the measurement date as of the beginning of the fiscal year for their reporting under GASB 75. As a result, the schedules in this section will be used for the employers for their FYE 2020 reporting, and the schedules from our prior report will be used for the employers FYE 2019 financial reporting.

Because the Plan is an agent multiple employer OPEB plan, each employer participating in the Plan need only reflect OPEB liabilities, OPEB expenses, deferred outflows and deferred inflows based on their own experience in their financial statements. The impact of experience gains or losses and assumption changes on the TOL are recognized in expense over the average expected remaining service life of all active and inactive members of each employer in the Plan. As of the measurement date, this recognition period for each employer is outlined in the table below.

Table VI-1 Recognition Period by Employer	
Employer	Average Remaining Service Lifetime
Santa Barbara County	4.0
Air Pollution Control District	2.0
Courts	6.0
Carpinteria Cemetery	4.0
Goleta Cemetery	2.0
Santa Maria Cemetery	5.0
SB County Assoc. of Govts	3.0
Summerland Sanitary	10.0
Carpinteria-Summerland FPO	4.0

During the year, there was a net experience gain of approximately \$2.7 million for all employers combined. Approximately \$0.6 million of that gain was recognized as a decrease in OPEB expense in the current year. The remaining amount will be recognized over the next nine years. However, the amount recognized in each year is not identical because each employer has a different recognition period. The majority of the experience gain will be recognized over the following three years; the largest employer, Santa Barbara County, has a four-year recognition period. There was an unrecognized gain from the prior year of \$2.4 million, of which \$0.8 million was recognized as a decrease in OPEB expense in the current year. The combination of the unrecognized current and prior experience gains results in a deferred inflow of resources of approximately \$3.7 million as of June 30, 2019, which consists of a \$3.9 million deferred inflow of resources for those employers with unrecognized gains and a \$0.2 million deferred outflow of resources for those employers with unrecognized losses.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION VI – GASB 75 REPORTING INFORMATION

Assumption changes since the last measurement date increased the TOL approximately \$0.2 million. Approximately \$50,000 of that loss was recognized as an increase in OPEB expense in the current year. The remaining amount will be recognized over the next nine years, with the majority phased in over the next four years. Net unrecognized gains from assumption changes in prior years were approximately \$4.0 million, of which \$0.85 million was recognized as a decrease in OPEB expense in the current year. The combination of the unrecognized changes in liabilities due to changes in the assumptions for all years' results in a deferred inflow of resources as of June 30, 2019 of approximately \$3.0 million. This net unrecognized gain consists of a \$3.1 million deferred inflow of resources for those employers with unrecognized gains and a \$0.1 million deferred outflow of resources for those employers with unrecognized losses.

The impact of investment gains or losses is recognized over a period of five years for all plans with assets held in trust by SBCERS for all employers combined. During the measurement year, there was a net investment gain of approximately \$0.4 million. Approximately \$0.09 million of that gain was recognized in the current year and an identical amount will be recognized in each of the next four years. Net unrecognized investment losses from prior years were approximately \$0.1 million of which \$0.04 million was recognized as an increase in OPEB expense in the current year. The combination of the unrecognized current and prior investment gains and losses results in a net deferred inflow of resources of approximately \$0.2 million as of June 30, 2019.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION VI – GASB 75 REPORTING INFORMATION

The tables below summarize the current balances of deferred outflows and deferred inflows of resources related to each employer in the Plan along with the net recognition over the next five years and the total recognition thereafter, if any.

Table VI-2 Schedule of Employers' Deferred Outflows as of June 30, 2019 Measurement Date			
Employer	Source		
	Experience	Assumption Changes	Investment Return
Santa Barbara County	\$ 0	\$ 0	\$ 0
Air Pollution Control District	76,876	0	0
Courts	74,715	0	49,608
Carpinteria Cemetery	0	2,985	0
Goleta Cemetery	0	2,445	0
Santa Maria Cemetery	0	15,430	0
SB County Assoc. of Govts	0	24,711	130
Summerland Sanitary	0	7,184	0
Carpinteria-Summerland FPO	89,195	87,415	0
Total	\$ 240,786	\$ 140,171	\$ 49,737

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION VI – GASB 75 REPORTING INFORMATION

Table VI-3 Schedule of Employers' Deferred Inflows at June 30, 2019 Measurement Date			
Employer	Experience	Assumption Changes	Investment Return
Santa Barbara County	\$ 3,757,218	\$ 0	\$ 234,590
Air Pollution Control District	0	0	54,067
Courts	0	2,964,641	0
Carpinteria Cemetery	727	6,172	0
Goleta Cemetery	1,420	0	14
Santa Maria Cemetery	730	25,567	1
SB County Assoc. of Govts	48,904	47,053	0
Summerland Sanitary	5,361	14,734	0
Carpinteria-Summerland FPO	125,942	48,339	112
Total	\$ 3,940,303	\$ 3,106,505	\$ 288,784

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION VI – GASB 75 REPORTING INFORMATION

**Table VI-4
Schedule of Employers' Recognition of Deferred Outflows and Inflows as of June 30, 2019**

Employer	Recognition for Measurement Year Ending					
	2020	2021	2022	2023	2024	Thereafter
Santa Barbara County	\$ (1,592,544)	\$ (1,592,545)	\$ (734,097)	\$ (72,622)	\$ 0	0
Air Pollution Control District	60,935	(15,942)	(13,835)	(8,349)	0	0
Courts	(750,341)	(750,340)	(759,046)	(585,251)	4,659	0
Carpinteria Cemetery	(788)	(788)	(788)	(1,548)	0	0
Goleta Cemetery	1,021	(4)	(4)	(2)	0	0
Santa Maria Cemetery	(7,641)	(7,641)	666	3,748	0	0
SB County Assoc. of Govts	(35,591)	(35,591)	32	34	0	0
Summerland Sanitary	(2,875)	(2,875)	(2,875)	(2,875)	(517)	(895)
Carpinteria-Summerland FPO	7,558	7,558	(12,870)	(28)	0	0
Total	\$ (2,320,266)	\$ (2,398,169)	\$ (1,522,817)	\$ (666,893)	\$ 4,143	(895)

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

SECTION VI – GASB 75 REPORTING INFORMATION

The annual OPEB expense recognized by each employer is the change in the amounts reported on the employer's Statements of Net Position that relate to the Plan and are not attributable to employer contributions. That is, it is the change in NPL plus the changes in deferred outflows and inflows plus employer contributions. The table below shows the development of this OPEB expense by employer.

**Table VI-5
Schedule of Employers' OPEB Expense for the Measurement Year Ending June 30, 2019**

Employer	Change in Employer					Employer Total OPEB Expense
	Net OPEB Liability	Total Deferred Outflows	Total Deferred Inflows	Actual Employer Contributions		
Santa Barbara County	\$ (6,894,259)	\$ (76,387)	\$ (1,399,689)	\$ 13,583,726		\$ 8,165,544
Air Pollution Control District	(81,104)	73,421	(25,800)	202,521		73,795
Courts	90,011	(33,328)	788,813	466,343		(199,131)
Carpinteria Cemetery	5,201	2,985	843	2,345		3,718
Goleta Cemetery	9,800	2,445	15,348	3,209		(4,783)
Santa Maria Cemetery	26,942	15,430	10,957	17,953		18,507
SB County Assoc. of Govts	52,238	24,841	25,316	6,520		8,602
Summerland Sanitary	14,052	7,184	2,234	4,688		9,321
Carpinteria-Summerland FPO	(38,601)	42,818	(16,586)	151,775		86,943
Total	\$ (6,815,720)	\$ 59,410	\$ (598,564)	\$ 14,439,081		\$ 8,162,515

Additional schedules, by employer, are provided in Appendix E.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX A – MEMBERSHIP INFORMATION

The census data used to develop the Total OPEB Liability as of June 30, 2019 is the same census data used in our June 30, 2018 actuarial valuation. Please refer to the actuarial valuation report for a more complete summary of the census data.

	June 30, 2017	June 30, 2018	% Change
Active Employees ¹			
Count	3,112	2,893	(7.04%)
Average Age	47.6	48.0	0.84%
Average Service	15.3	16.0	4.04%
Total Payroll	\$ 257,918,346	\$ 247,675,343	(3.97%)
Count of Terminated Vested Participants	923	943	2.17%
Average Age	48.8	48.8	0.00%
Count of Retired Participants	3,399	3,508	3.21%
Average Age	69.9	70.1	0.29%
Count of Disabled Participants	250	263	5.20%
Average Age	66.5	65.9	(0.90%)
Count of Surviving Spouses	512	526	2.73%
Average Age	72.8	73.0	0.34%
Total Count of Inactive Participants	4,161	4,297	3.27%

¹Active census and salary information includes only those eligible for the OPEB benefit, and as a result will not match the SBCERS pension census information for the same period.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

The assumptions and methodology used in developing the TOL as of June 30, 2019 are the same as those summarized in the June 30, 2018 actuarial valuation. The summary from the June 30, 2018 actuarial valuation report is repeated here for convenience.

Economic Assumptions

- | | |
|---|----------------|
| 1. Expected Return on Plan Assets: | 7.00% per year |
| 2. Payroll Growth Rate: | 3.00% per year |
| 3. Per Person Cost Trends : | N/A |

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Demographic Assumptions

1. Retirement Rates for active employees:

Rates of retirement are based on age and service according to the following table. The rates for Safety PEPPRA members are the same as the Safety Plan 4 rates.

Rates of Retirement								
Age	General		General - PEPPRA		Safety Plan 4		Safety Plan 6	
	Svc < 30	Svc >= 30	Male	Female	Svc < 20	Svc >= 20	Svc < 20	Svc >= 20
< 34	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
35	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
36	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
37	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
38	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
39	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
40	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
41	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
42	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
43	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
44	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
45	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	1.00%
46	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	2.00%
47	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.00%	5.00%
48	0.00%	4.00%	0.00%	0.00%	0.00%	1.00%	0.00%	5.00%
49	0.00%	4.00%	0.00%	0.00%	0.00%	3.00%	0.00%	17.00%
50	3.00%	4.00%	0.00%	0.00%	4.00%	4.00%	20.00%	25.00%
51	3.00%	4.00%	0.00%	0.00%	4.00%	4.00%	15.00%	15.00%
52	3.00%	4.00%	2.40%	1.80%	4.00%	4.00%	15.00%	20.00%
53	3.00%	4.00%	2.40%	1.80%	5.00%	5.00%	15.00%	20.00%
54	3.00%	5.00%	2.40%	5.40%	10.00%	20.00%	15.00%	30.00%
55	5.00%	10.00%	2.40%	5.40%	10.00%	35.00%	25.00%	35.00%
56	5.00%	10.00%	3.60%	5.40%	10.00%	20.00%	15.00%	25.00%
57	7.00%	10.00%	3.60%	5.40%	10.00%	25.00%	15.00%	25.00%
58	7.00%	10.00%	3.60%	5.40%	10.00%	25.00%	15.00%	25.00%
59	7.00%	10.00%	7.20%	7.20%	10.00%	25.00%	15.00%	25.00%
60	7.00%	15.00%	9.00%	9.00%	25.00%	25.00%	15.00%	25.00%
61	15.00%	30.00%	15.00%	10.80%	15.00%	25.00%	15.00%	25.00%
62	25.00%	40.00%	20.00%	20.00%	30.00%	25.00%	15.00%	25.00%
63	15.00%	40.00%	20.00%	20.00%	20.00%	30.00%	15.00%	25.00%
64	26.00%	40.00%	20.00%	20.00%	20.00%	30.00%	15.00%	25.00%
65	26.00%	40.00%	25.00%	25.00%	100.00%	100.00%	100.00%	100.00%
66	26.00%	40.00%	25.00%	25.00%				
67	26.00%	40.00%	40.00%	40.00%				
68	26.00%	40.00%	25.00%	25.00%				
69	26.00%	40.00%	25.00%	25.00%				
70	26.00%	40.00%	25.00%	25.00%				
71	26.00%	40.00%	25.00%	25.00%				
72	26.00%	40.00%	25.00%	25.00%				
73	26.00%	40.00%	25.00%	25.00%				
74	26.00%	40.00%	25.00%	25.00%				
75	100.00%	100.00%	100.00%	100.00%				

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

2. Retirement Rates for terminated vested participants:

The table below shows the assumed retirement ages for terminated vested participants.

Plan	Assumed Retirement Age
APCD 1,2 / General 5A,B,C / Plan 7 / Plan 8 (PEPRA)	58
General Plan 2	65
Safety Plan 4A,B,C, Safety Plan 8 (PEPRA)	54
Safety Plan 6A,B,C	52

3. Rates of Termination:

Sample rates of termination are show in the following table below. The 1.30% rate of termination continues for Safety PEPRA members with 20 or more years of service who are not eligible to retire.

Rates of Termination		
Service	General	Safety
0	20.00%	9.00%
1	14.00%	9.00%
2	10.00%	3.50%
3	8.00%	3.00%
4	7.00%	3.00%
5	6.00%	5.00%
6	6.00%	2.75%
7	5.00%	2.75%
8	5.00%	2.75%
9	4.50%	2.75%
10	4.50%	2.00%
11	3.50%	1.50%
12	3.50%	1.30%
13	3.00%	1.30%
14	2.50%	1.30%
15	2.50%	1.30%
16	2.50%	1.30%
17	1.50%	1.30%
18	1.50%	1.30%
19	1.50%	1.30%
20	1.50%	0.00%
21	1.50%	
22	1.50%	
23	1.50%	
24	1.50%	
25	1.50%	
26	1.50%	
27	1.50%	
28	1.50%	
29	1.50%	
30	0.00%	

Note: Termination rates do not apply once a member is eligible for retirement.

APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

4. Rate of Mortality:

Healthy Lives:

Mortality rates for retirees, beneficiaries, terminated vested, and reciprocals are based on the sex distinct 2014 CalPERS Healthy Annuitant Mortality Tables adjusted by 0.95 for males and 0.90 for females, with Generational improvement using Projection Scale MP-2016 from a base year of 2009.

Non-duty related mortality rates for active members are based on the sex distinct 2014 CalPERS Preretirement Non-Industrial Mortality Table, with no adjustment, with Generational improvement using Projection Scale MP-2016 from a base year of 2009. Safety members are also subject to the 2014 CalPERS Preretirement Industrial Mortality Table for duty-related deaths, with the same Generational improvements applied.

Disabled Lives:

Mortality rates for disabled retirees are based on CalPERS Industrial Disabled Annuitant Mortality, with no adjustment (Safety only), 2014 CalPERS Non-Industrial Disabled Annuitant Mortality, with no adjustment (General only), with Generational improvement using Projection Scale MP-2016 from a base year of 2009.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

5. Disability Rates:

Disability rates of active participants are shown below.

Rates of Disability				
Age	General Years of Service		Safety Years of Service	
	Less than 5	5 or More	Less than 5	5 or More
29 or less	0.004%	0.010%	0.045%	0.050%
30	0.004%	0.010%	0.054%	0.060%
31	0.004%	0.010%	0.054%	0.060%
32	0.004%	0.010%	0.054%	0.060%
33	0.004%	0.010%	0.054%	0.060%
34	0.004%	0.010%	0.054%	0.060%
35	0.004%	0.010%	0.090%	0.100%
36	0.008%	0.020%	0.090%	0.100%
37	0.008%	0.020%	0.090%	0.100%
38	0.008%	0.020%	0.090%	0.100%
39	0.008%	0.020%	0.090%	0.100%
40	0.008%	0.020%	0.117%	0.130%
41	0.008%	0.020%	0.117%	0.130%
42	0.012%	0.030%	0.117%	0.130%
43	0.016%	0.040%	0.117%	0.130%
44	0.020%	0.050%	0.117%	0.130%
45	0.024%	0.060%	0.135%	0.150%
46	0.024%	0.060%	0.162%	0.180%
47	0.024%	0.060%	0.180%	0.200%
48	0.024%	0.060%	0.225%	0.250%
49	0.024%	0.060%	0.225%	0.250%
50	0.028%	0.070%	0.252%	0.280%
51	0.028%	0.070%	0.270%	0.300%
52	0.028%	0.070%	0.450%	0.500%
53	0.028%	0.070%	0.450%	0.500%
54	0.028%	0.070%	0.450%	0.500%
55	0.040%	0.100%	0.450%	0.500%
56	0.040%	0.100%	0.450%	0.500%
57	0.040%	0.100%	0.450%	0.500%
58	0.040%	0.100%	0.450%	0.500%
59	0.040%	0.100%	0.450%	0.500%
60	0.060%	0.150%	0.720%	0.800%
61	0.060%	0.150%	0.720%	0.800%
62	0.060%	0.150%	0.720%	0.800%
63	0.060%	0.150%	0.720%	0.800%
64	0.060%	0.150%	0.720%	0.800%
65	0.060%	0.150%	0.000%	0.000%
66	0.060%	0.150%		
67	0.060%	0.150%		
68	0.060%	0.150%		
69	0.060%	0.150%		
70	0.060%	0.150%		
71	0.060%	0.150%		
72	0.060%	0.150%		
73	0.060%	0.150%		
74	0.060%	0.150%		
75	0.000%	0.000%		

40% of General disabilities and 90% of Safety disabilities where the member has five or more years of service are assumed to be service-related. All disabilities for those with less than five years of service are assumed to be service-related.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

6. Salary Increase Rate

Wage inflation component: 3.00%

Additional longevity and promotion component:

Longevity and Promotion Increases ¹		
Service	General	Safety
0	4.75%	6.00%
1	4.00%	5.00%
2	3.25%	4.00%
3	2.50%	3.25%
4	2.00%	2.50%
5	1.50%	2.00%
6	1.25%	1.60%
7	1.00%	1.30%
8	0.90%	1.10%
9	0.80%	1.10%
10	0.78%	1.00%
11	0.75%	0.95%
12	0.70%	0.92%
13	0.65%	0.89%
14	0.60%	0.87%
15	0.55%	0.85%
16	0.50%	0.82%
17	0.48%	0.80%
18	0.46%	0.77%
19	0.44%	0.74%
20	0.42%	0.72%
21	0.40%	0.69%
22	0.38%	0.67%
23	0.36%	0.64%
24	0.34%	0.62%
25	0.32%	0.59%
26	0.30%	0.57%
27	0.28%	0.54%
28	0.26%	0.52%
29	0.25%	0.50%
30+	0.25%	0.50%

¹ Increases are compound rather than additive .

- 7. Plan Election:** We assumed that 55% of future retirees will select a monthly subsidy for employer health plan benefits of \$15 per year of service, while 45% will select the \$4 cash benefit option.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

- 8. Family Composition:** Percentage married for all active members who retire, become disabled, or die during active service is shown in the table below.

Percentage Married	
Gender	Percentage
Males	75%
Females	55%

- 9. Dependent Age:** For current retirees, actual spouse date of birth was used when available. For future retirees, male retirees are assumed to be three years older than their partner, and female retirees are assumed to be two years younger than their partner.
- 10. Payment Form Election:** We assumed that future retirees will select a 60% Joint and Survivor annuity upon retirement.

Changes Since Last Valuation

For all Employers on a pay-as-you go funding method, other than the Courts, a discount rate of 3.50% was used to reflect the current municipal bond rate applicable to the Plan.

Methodology:

The Entry Age Normal actuarial funding method was used for active employees, whereby the normal cost is computed as the level annual percentage of pay required to fund the postemployment benefits between each member's date of hire and assumed retirement. The actuarial liability is the difference between the present value of future benefits and the present value of future normal cost. The unfunded actuarial liability is the difference between the actuarial liability and the actuarial value of assets.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX B – ACTUARIAL ASSUMPTIONS AND METHODS

Amortization Cost

The actuarial value of the assets on hand to pay future benefits is subtracted from the *Actuarial Accrued Liability*, producing the *Unfunded Actuarial Accrued Liability*. Current contribution rates are fixed, so no specific amortization method is applied.

Actuarial Value of Plan Assets

The participating employers of the Santa Barbara County Employees' Retirement System contribute to a 401(h) account. It is assumed these assets will be used to pay for the retiree health benefits. The actuarial value of assets is equal to the market value.

Funding

The cost of the benefits provided by the Plan is currently being funded by the participating employers as shown in the chart below.

Group	Funding Policy
Santa Barbara County	4.00% of total pension plan payroll
Carpinteria Summerland FPD	Pay-as-you-go
Santa Maria Cemetery	Pay-as-you-go
Goleta Cemetery	Pay-as-you-go
SBCAG	Pay-as-you-go
Summerland Sanitary	Pay-as-you-go
Carpinteria Cemetery	Pay-as-you-go
APCD	Pre-fund 401(h) up to IRS 25% limit
Courts	Pay-as-you-go

Changes Since The Last Valuation:

None

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX C – SUMMARY OF PLAN PROVISIONS

Summary of Key Substantive Plan Provisions:

All actuarial calculations are based on our understanding of the statutes governing SBCERS as contained in the County Employees Retirement Law (CERL) of 1937, with provisions adopted by the County Board of Supervisors, a district Board of Directors, or the SBCERS Board, effective through June 30, 2018. The benefits are summarized briefly below. This summary does not attempt to cover all the detailed provisions of the law. The OPEB plan is an agent multiple employer plan with nine participating employers.

This report does not reflect future changes in benefits, penalties, taxes, or administrative costs that may be required as a result of the Patient Protection and Affordable Care Act of 2010 related legislation and regulations.

Eligibility: Participation is based upon eligibility for pension benefits from SBCERS, and employers' election to participate in the 401(h) Subsidy/Supplement program.

Plan Participation by Employer ¹										
Benefit Plans	APCD 1	APCD 2	APCD 8	General 2	General 5	General 7	General 8 ²	Safety 4	Safety 6	Safety 8 ²
Santa Barbara County				Yes	Yes	No	No	Yes	Yes	Yes ³
Carpinteria-Summerland-FPO					Yes		Yes	Yes		Yes
Santa Maria Cemetery					Yes		Yes			
Goleta Cemetery					Yes		Yes			
SB County Assoc of Govts					Yes		No			
Summerland Sanitary					Yes		Yes			
Carpinteria Cemetery					Yes					
Air Pollution Control District ⁴	Yes	Yes	No		Yes	No				
Courts				Yes	Yes		Yes			
Oak Hill Cemetery					No					
Mosquito & Vector Control					No					

¹ Yes = Employer had members enrolled in the plan and were eligible for benefits.

No = Employer had members enrolled in the plan, but they were not eligible for benefits.

Empty = Employer did not have members enrolled in the Plan.

² The OPEB Plan has been closed to all new entrants with membership dates in SBCERS on or after December 31, 2018

³ Benefits were phased out for all new employees hired into Santa Barbara County Safety positions after January 16, 2017.

⁴ Employees hired into the Air Pollution Control District after August 16, 2012 are not eligible for benefits.

Benefits: Eligible members can choose a monthly subsidy for County health plan benefits of \$15 per year of service. If the monthly premium for the health plan selected is less than \$15 times the member's years of service, the subsidy is limited to the entire premium. The health plans can include coverage for eligible spouses and dependents.

If a member does not elect a County health plan, the member receives a monthly cash benefit equal to \$4 per year of service.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX C – SUMMARY OF PLAN PROVISIONS

If a member is eligible for a disability retirement benefit, the member can receive a monthly health plan subsidy of \$187 per month or \$15 per year of service, whichever is greater.

After the member's death, a surviving spouse is eligible to continue health plan coverage. The monthly subsidy benefit will be equal to \$15 per year of service times the survivor continuation percentage applicable for pension benefits.

SBCAG employees have a different benefit plan; active members hired on or after January 1, 2010 are ineligible for the County plan; they have a separate plan administered by SBCAG that provides benefits through CalPERS and are not part of this plan and are not included in this valuation.

Changes Since The Last Valuation:

None

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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APPENDIX D – DETERMINATION OF DISCOUNT RATE – SANTA BARBARA COUNTY

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2019	16,290,111	13,583,726	8,461,997	378,732	1,666,608	22,699,716	8,461,997	0
2020	22,699,716	13,474,022	9,014,737	390,094	1,728,993	28,497,900	9,014,737	0
2021	28,497,900	13,878,243	9,228,668	401,797	2,141,011	34,886,689	9,228,668	0
2022	34,886,689	14,294,590	9,472,182	413,851	2,593,758	41,889,004	9,472,182	0
2023	41,889,004	14,723,428	9,707,295	426,267	3,090,159	49,569,029	9,707,295	0
2024	49,569,029	15,165,131	9,941,939	439,055	3,634,445	57,987,611	9,941,939	0
2025	57,987,611	15,620,085	10,150,047	452,227	4,231,786	67,237,208	10,150,047	0
2026	67,237,208	16,088,687	10,337,536	465,794	4,888,463	77,411,028	10,337,536	0
2027	77,411,028	16,571,348	10,506,722	479,768	5,610,936	88,606,822	10,506,722	0
2028	88,606,822	17,068,488	10,680,747	494,161	6,405,264	100,905,667	10,680,747	0
2029	100,905,667	17,580,543	10,814,771	508,986	7,278,680	114,441,133	10,814,771	0
2030	114,441,133	18,107,959	10,939,964	524,256	8,239,477	129,324,349	10,939,964	0
2031	129,324,349	18,651,198	11,053,131	539,984	9,295,559	145,677,991	11,053,131	0
2032	145,677,991	19,210,734	11,147,592	556,184	10,455,759	163,640,708	11,147,592	0
2033	163,640,708	19,787,056	11,224,530	572,870	11,729,758	183,360,122	11,224,530	0
2034	183,360,122	20,380,668	11,274,073	590,056	13,128,246	205,004,906	11,274,073	0
2035	205,004,906	20,992,088	11,290,824	607,758	14,663,233	228,761,645	11,290,824	0
2036	228,761,645	21,621,850	11,300,913	625,991	16,346,899	254,803,490	11,300,913	0
2037	254,803,490	22,270,506	11,285,151	644,771	18,192,044	283,336,117	11,285,151	0
2038	283,336,117	22,938,621	11,252,717	664,114	20,212,766	314,570,673	11,252,717	0
2039	314,570,673	23,626,780	11,186,948	684,037	22,424,441	348,750,909	11,186,948	0
2040	348,750,909	24,335,583	11,097,594	704,558	24,843,814	386,128,153	11,097,594	0
2041	386,128,153	25,065,650	10,985,062	725,695	27,488,486	426,971,532	10,985,062	0
2042	426,971,532	25,817,620	10,843,099	747,466	30,377,532	471,576,119	10,843,099	0
2043	471,576,119	26,592,148	10,673,534	769,890	33,531,566	520,256,410	10,673,534	0
2044	520,256,410	27,389,913	10,484,661	792,987	36,972,340	573,341,015	10,484,661	0
2045	573,341,015	28,211,610	10,271,408	816,777	40,723,055	631,187,495	10,271,408	0
2046	631,187,495	29,057,959	10,029,822	841,280	44,808,899	694,183,251	10,029,822	0
2047	694,183,251	29,929,697	9,764,776	866,518	49,256,848	762,738,502	9,764,776	0
2048	762,738,502	30,827,588	9,480,033	892,514	54,095,513	837,289,057	9,480,033	0
2049	837,289,057	31,752,416	9,178,401	919,289	59,355,331	918,299,114	9,178,401	0
2050	918,299,114	32,704,988	8,864,142	946,868	65,068,675	1,006,261,768	8,864,142	0
2051	1,006,261,768	33,686,138	8,539,174	975,274	71,270,024	1,101,703,482	8,539,174	0
2052	1,101,703,482	34,696,722	8,206,720	1,004,532	77,996,149	1,205,185,101	8,206,720	0
2053	1,205,185,101	35,737,624	7,869,918	1,034,668	85,286,229	1,317,304,368	7,869,918	0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – SANTA BARBARA COUNTY

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2054	1,317,304,368	36,809,753	7,532,231	1,065,708	93,182,019	1,438,698,201	7,532,231	0
2055	1,438,698,201	37,914,045	7,194,923	1,097,679	101,728,090	1,570,047,733	7,194,923	0
2056	1,570,047,733	39,051,467	6,859,513	1,130,609	110,972,101	1,712,081,179	6,859,513	0
2057	1,712,081,179	40,223,011	6,527,636	1,164,527	120,965,005	1,865,577,032	6,527,636	0
2058	1,865,577,032	41,429,701	6,199,478	1,199,463	131,761,324	2,031,369,116	6,199,478	0
2059	2,031,369,116	42,672,592	5,876,113	1,235,447	143,419,424	2,210,349,572	5,876,113	0
2060	2,210,349,572	43,952,770	5,557,934	1,272,510	156,001,777	2,403,473,675	5,557,934	0
2061	2,403,473,675	45,271,353	5,245,769	1,310,685	169,575,261	2,611,763,834	5,245,769	0
2062	2,611,763,834	46,629,493	4,940,245	1,350,006	184,211,463	2,836,314,540	4,940,245	0
2063	2,836,314,540	48,028,378	4,641,896	1,390,506	199,987,017	3,078,297,532	4,641,896	0
2064	3,078,297,532	49,469,229	4,351,036	1,432,221	216,983,976	3,338,967,480	4,351,036	0
2065	3,338,967,480	50,953,306	4,067,876	1,475,188	235,290,201	3,619,667,924	4,067,876	0
2066	3,619,667,924	52,481,906	3,792,862	1,519,444	254,999,768	3,921,837,292	3,792,862	0
2067	3,921,837,292	54,056,363	3,526,159	1,565,027	276,213,406	4,247,015,874	3,526,159	0
2068	4,247,015,874	55,678,054	3,268,019	1,611,978	299,038,973	4,596,852,904	3,268,019	0
2069	4,596,852,904	57,348,395	3,018,678	1,660,337	323,591,954	4,973,114,238	3,018,678	0
2070	4,973,114,238	59,068,847	2,778,389	1,710,147	349,995,998	5,377,690,547	2,778,389	0
2071	5,377,690,547	60,840,912	2,547,300	1,761,451	378,383,499	5,812,606,208	2,547,300	0
2072	5,812,606,208	62,666,140	2,325,677	1,814,295	408,896,205	6,280,028,581	2,325,677	0
2073	6,280,028,581	64,546,124	2,113,881	1,868,724	441,685,873	6,782,277,973	2,113,881	0
2074	6,782,277,973	66,482,508	1,912,233	1,924,786	476,914,967	7,321,838,428	1,912,233	0
2075	7,321,838,428	68,476,983	1,721,052	1,982,530	514,757,416	7,901,369,245	1,721,052	0
2076	7,901,369,245	70,531,292	1,540,605	2,042,006	555,399,420	8,523,717,347	1,540,605	0
2077	8,523,717,347	72,647,231	1,371,136	2,103,266	599,040,316	9,191,930,492	1,371,136	0
2078	9,191,930,492	74,826,648	1,212,871	2,166,364	645,893,500	9,909,271,406	1,212,871	0
2079	9,909,271,406	77,071,448	1,065,878	2,231,355	696,187,425	10,679,233,045	1,065,878	0
2080	10,679,233,045	79,383,591	930,119	2,298,296	750,166,664	11,505,554,885	930,119	0
2081	11,505,554,885	81,765,099	805,627	2,367,245	808,093,047	12,392,240,159	805,627	0
2082	12,392,240,159	84,218,052	692,261	2,438,262	870,246,874	13,343,574,562	692,261	0
2083	13,343,574,562	86,744,593	589,667	2,511,410	936,928,229	14,364,146,307	589,667	0
2084	14,364,146,307	89,346,931	497,440	2,586,752	1,008,458,374	15,458,867,420	497,440	0
2085	15,458,867,420	92,027,339	415,290	2,664,355	1,085,181,236	16,632,996,351	415,290	0
2086	16,632,996,351	94,788,159	342,792	2,744,286	1,167,464,999	17,892,162,431	342,792	0
2087	17,892,162,431	97,631,804	279,514	2,826,615	1,255,703,814	19,242,391,920	279,514	0
2088	19,242,391,920	100,560,758	224,942	2,911,413	1,350,319,617	20,690,135,940	224,942	0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – SANTA BARBARA COUNTY

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2089	20,690,135,940	103,577,581	178,557	2,998,755	1,451,764,093	22,242,300,301	178,557	0
2090	22,242,300,301	106,684,908	139,705	3,088,718	1,560,520,756	23,906,277,543	139,705	0
2091	23,906,277,543	109,885,456	107,653	3,181,380	1,677,107,202	25,689,981,167	107,653	0
2092	25,689,981,167	113,182,019	81,651	3,276,821	1,802,077,495	27,601,882,210	81,651	0
2093	27,601,882,210	116,577,480	60,925	3,375,126	1,936,024,730	29,651,048,368	60,925	0
2094	29,651,048,368	120,074,804	44,701	3,476,380	2,079,583,771	31,847,185,862	44,701	0
2095	31,847,185,862	123,677,048	32,259	3,580,671	2,233,434,182	34,200,684,162	32,259	0
2096	34,200,684,162	127,387,360	22,869	3,688,091	2,398,303,354	36,722,663,916	22,869	0
2097	36,722,663,916	131,208,981	15,886	3,798,734	2,574,969,865	39,425,028,142	15,886	0
2098	39,425,028,142	135,145,250	10,808	3,912,696	2,764,267,053	42,320,516,941	10,808	0
2099	42,320,516,941	139,199,607	7,200	4,030,077	2,967,086,857	45,422,766,129	7,200	0
2100	45,422,766,129	143,375,596	4,669	4,150,979	3,184,383,915	48,746,369,991	4,669	0
2101	48,746,369,991	147,676,864	2,936	4,275,508	3,417,179,958	52,306,948,369	2,936	0
2102	52,306,948,369	152,107,169	1,779	4,403,773	3,666,568,509	56,121,218,495	1,779	0
2103	56,121,218,495	156,670,385	1,028	4,535,886	3,933,719,910	60,207,071,876	1,028	0
2104	60,207,071,876	161,370,496	566	4,671,963	4,219,886,702	64,583,656,544	566	0
2105	64,583,656,544	166,211,611	294	4,812,122	4,526,409,389	69,271,465,128	294	0
2106	69,271,465,128	171,197,959	139	4,956,486	4,854,722,598	74,292,429,061	139	0
2107	74,292,429,061	176,333,898	57	5,105,181	5,206,361,677	79,670,019,399	57	0
2108	79,670,019,399	181,623,915	20	5,258,336	5,582,969,752	85,429,354,710	20	0
2109	85,429,354,710	187,072,632	6	5,416,086	5,986,305,276	91,597,316,526	6	0
2110	91,597,316,526	192,684,811	2	5,578,569	6,418,250,116	98,202,672,882	2	0
2111	98,202,672,882	198,465,356	0	5,745,926	6,880,818,200	105,276,210,512	0	0
2112	105,276,210,512	204,419,316	0	5,918,304	7,376,164,767	112,850,876,291	0	0
2113	112,850,876,291	210,551,896	0	6,095,853	7,906,596,273	120,961,928,607	0	0
2114	120,961,928,607	216,868,453	0	6,278,729	8,474,580,983	129,647,099,314	0	0
2115	129,647,099,314	223,374,506	0	6,467,091	9,082,760,312	138,946,767,041	0	0
2116	138,946,767,041	230,075,742	0	6,661,104	9,733,960,953	148,904,142,632	0	0
2117	148,904,142,632	236,978,014	0	6,860,937	10,431,207,863	159,565,467,572	0	0
2118	159,565,467,572	244,087,354	0	7,066,765	11,177,738,145	170,980,226,306	0	0
Discount Rate:							7.000%	N/A
Present Value:							142,428,168	0
Total Present Value:								142,428,168
GASB Discount Rate:								7.000%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – AIR POLLUTION CONTROL DISTRICT

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2019	1,536,427	202,521	104,211	6,632	152,446	1,780,551	104,211	0
2020	1,780,551	140,387	112,394	6,831	125,367	1,927,079	112,394	0
2021	1,927,079	141,057	115,936	7,036	135,518	2,080,682	115,936	0
2022	2,080,682	141,997	121,916	7,247	146,089	2,239,605	121,916	0
2023	2,239,605	143,191	126,945	7,464	157,075	2,405,463	126,945	0
2024	2,405,463	144,177	131,066	7,688	168,569	2,579,455	131,066	0
2025	2,579,455	145,232	133,420	7,919	180,696	2,764,044	133,420	0
2026	2,764,044	146,880	137,885	8,157	193,512	2,958,394	137,885	0
2027	2,958,394	148,655	140,557	8,402	207,077	3,165,167	140,557	0
2028	3,165,167	150,693	140,650	8,654	221,609	3,388,165	140,650	0
2029	3,388,165	153,517	139,955	8,914	237,331	3,630,143	139,955	0
2030	3,630,143	156,729	138,989	9,181	254,404	3,893,105	138,989	0
2031	3,893,105	160,218	137,297	9,456	272,981	4,179,551	137,297	0
2032	4,179,551	163,785	137,139	9,740	293,150	4,489,607	137,139	0
2033	4,489,607	167,930	134,790	10,032	315,068	4,827,783	134,790	0
2034	4,827,783	172,163	132,474	10,333	338,955	5,196,094	132,474	0
2035	5,196,094	176,609	130,517	10,643	364,946	5,596,490	130,517	0
2036	5,596,490	181,202	127,567	10,962	393,223	6,032,385	127,567	0
2037	6,032,385	186,000	126,393	11,291	423,929	6,504,630	126,393	0
2038	6,504,630	190,891	123,857	11,630	457,230	7,017,264	123,857	0
2039	7,017,264	195,832	122,488	11,979	493,320	7,571,950	122,488	0
2040	7,571,950	200,766	119,276	12,338	532,416	8,173,517	119,276	0
2041	8,173,517	205,609	116,660	12,708	574,769	8,824,526	116,660	0
2042	8,824,526	210,516	114,075	13,089	620,585	9,528,464	114,075	0
2043	9,528,464	215,185	111,529	13,482	670,095	10,288,733	111,529	0
2044	10,288,733	220,216	109,779	13,886	723,533	11,108,817	109,779	0
2045	11,108,817	225,492	106,251	14,303	781,228	11,994,982	106,251	0
2046	11,994,982	230,737	102,699	14,732	843,547	12,951,835	102,699	0
2047	12,951,835	235,996	99,114	15,174	910,816	13,984,358	99,114	0
2048	13,984,358	241,477	95,419	15,629	983,393	15,098,180	95,419	0
2049	15,098,180	247,177	92,020	16,098	1,061,657	16,298,896	92,020	0
2050	16,298,896	253,321	87,731	16,581	1,146,050	17,593,955	87,731	0
2051	17,593,955	260,083	83,318	17,078	1,237,071	18,990,713	83,318	0
2052	18,990,713	267,320	78,943	17,590	1,335,226	20,496,727	78,943	0
2053	20,496,727	274,875	74,655	18,118	1,441,037	22,119,866	74,655	0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – AIR POLLUTION CONTROL DISTRICT

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2054	22,119,866	282,611	70,389	18,662	1,555,051	23,868,477	70,389	0
2055	23,868,477	290,654	66,145	19,222	1,677,857	25,751,621	66,145	0
2056	25,751,621	299,104	61,990	19,799	1,810,091	27,779,027	61,990	0
2057	27,779,027	307,912	57,960	20,393	1,952,431	29,961,017	57,960	0
2058	29,961,017	317,047	54,091	21,005	2,105,596	32,308,564	54,091	0
2059	32,308,564	326,496	50,409	21,635	2,270,355	34,833,371	50,409	0
2060	34,833,371	336,250	46,938	22,284	2,447,524	37,547,923	46,938	0
2061	37,547,923	346,313	43,695	22,953	2,637,977	40,465,565	43,695	0
2062	40,465,565	356,689	40,676	23,642	2,842,649	43,600,585	40,676	0
2063	43,600,585	367,379	37,887	24,351	3,062,540	46,968,266	37,887	0
2064	46,968,266	378,396	35,320	25,082	3,298,720	50,584,980	35,320	0
2065	50,584,980	389,745	32,952	25,834	3,552,336	54,468,276	32,952	0
2066	54,468,276	401,436	30,771	26,609	3,824,618	58,636,950	30,771	0
2067	58,636,950	413,478	28,769	27,407	4,116,881	63,111,133	28,769	0
2068	63,111,133	425,881	26,923	28,229	4,430,535	67,912,397	26,923	0
2069	67,912,397	438,657	25,206	29,076	4,767,093	73,063,865	25,206	0
2070	73,063,865	451,817	23,609	29,948	5,128,174	78,590,299	23,609	0
2071	78,590,299	465,372	22,110	30,846	5,515,511	84,518,225	22,110	0
2072	84,518,225	479,333	20,688	31,771	5,930,964	90,876,063	20,688	0
2073	90,876,063	493,713	19,327	32,724	6,376,521	97,694,246	19,327	0
2074	97,694,246	508,524	18,013	33,706	6,854,315	105,005,366	18,013	0
2075	105,005,366	523,780	16,737	34,717	7,366,627	112,844,319	16,737	0
2076	112,844,319	539,493	15,485	35,759	7,915,902	121,248,470	15,485	0
2077	121,248,470	555,678	14,254	36,832	8,504,755	130,257,817	14,254	0
2078	130,257,817	572,348	13,038	37,937	9,135,987	139,915,177	13,038	0
2079	139,915,177	589,519	11,843	39,075	9,812,595	150,266,373	11,843	0
2080	150,266,373	607,204	10,667	40,247	10,537,787	161,360,451	10,667	0
2081	161,360,451	625,420	9,519	41,454	11,314,997	173,249,895	9,519	0
2082	173,249,895	644,183	8,410	42,698	12,147,899	185,990,869	8,410	0
2083	185,990,869	663,509	7,349	43,979	13,040,425	199,643,475	7,349	0
2084	199,643,475	683,414	6,344	45,298	13,996,781	214,272,028	6,344	0
2085	214,272,028	703,916	5,407	46,657	15,021,471	229,945,351	5,407	0
2086	229,945,351	725,034	4,550	48,057	16,119,311	246,737,088	4,550	0
2087	246,737,088	746,785	3,772	49,499	17,295,459	264,726,061	3,772	0
2088	264,726,061	769,188	3,076	50,984	18,555,430	283,996,620	3,076	0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – AIR POLLUTION CONTROL DISTRICT

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2089	283,996,620	792,264	2,466	52,514	19,905,132	304,639,036	2,466	0
2090	304,639,036	816,032	1,941	54,089	21,350,883	326,749,921	1,941	0
2091	326,749,921	840,513	1,501	55,712	22,899,446	350,432,667	1,501	0
2092	350,432,667	865,728	1,146	57,383	24,558,061	375,797,928	1,146	0
2093	375,797,928	891,700	862	59,104	26,334,473	402,964,135	862	0
2094	402,964,135	918,451	639	60,877	28,236,975	432,058,044	639	0
2095	432,058,044	946,005	466	62,703	30,274,440	463,215,319	466	0
2096	463,215,319	974,385	334	64,584	32,456,365	496,581,151	334	0
2097	496,581,151	1,003,616	233	66,522	34,792,916	532,310,929	233	0
2098	532,310,929	1,033,725	158	68,518	37,294,970	570,570,948	158	0
2099	570,570,948	1,064,737	101	70,574	39,974,170	611,539,179	101	0
2100	611,539,179	1,096,679	61	72,691	42,842,974	655,406,079	61	0
2101	655,406,079	1,129,579	35	74,872	45,914,715	702,375,466	35	0
2102	702,375,466	1,163,466	18	77,118	49,203,661	752,665,457	18	0
2103	752,665,457	1,198,370	8	79,432	52,725,082	806,509,469	8	0
2104	806,509,469	1,234,321	3	81,815	56,495,318	864,157,290	3	0
2105	864,157,290	1,271,351	1	84,269	60,531,855	925,876,227	1	0
2106	925,876,227	1,309,492	0	86,797	64,853,406	991,952,328	0	0
2107	991,952,328	1,348,776	0	89,401	69,479,996	1,062,691,699	0	0
2108	1,062,691,699	1,389,240	0	92,083	74,433,052	1,138,421,908	0	0
2109	1,138,421,908	1,430,917	0	94,845	79,735,505	1,219,493,484	0	0
2110	1,219,493,484	1,473,844	0	97,690	85,411,895	1,306,281,534	0	0
2111	1,306,281,534	1,518,060	0	100,621	91,488,479	1,399,187,452	0	0
2112	1,399,187,452	1,563,601	0	103,640	97,993,356	1,498,640,769	0	0
2113	1,498,640,769	1,610,510	0	106,749	104,956,595	1,605,101,125	0	0
2114	1,605,101,125	1,658,825	0	109,951	112,410,372	1,719,060,370	0	0
2115	1,719,060,370	1,708,590	0	113,250	120,389,118	1,841,044,828	0	0
2116	1,841,044,828	1,759,847	0	116,648	128,929,677	1,971,617,704	0	0
2117	1,971,617,704	1,812,643	0	120,147	138,071,475	2,111,381,675	0	0
2118	2,111,381,675	1,867,022	0	123,751	147,856,700	2,260,981,646	0	0

Discount Rate:	7.000%	N/A
Present Value:	1,713,685	0
Total Present Value:		1,713,685
GASB Discount Rate:		7.000%



**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – COURTS

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2019	1,228,732	466,343	415,247	16,845	109,999	1,372,982	415,247	0
2020	1,372,982	473,843	456,731	17,112	96,109	1,469,091	456,731	0
2021	1,469,091	496,129	478,672	17,457	102,836	1,571,927	478,672	0
2022	1,571,927	517,870	500,036	17,834	110,035	1,681,962	500,036	0
2023	1,681,962	537,413	519,172	18,242	117,737	1,799,699	519,172	0
2024	1,799,699	556,964	538,299	18,665	125,979	1,925,678	538,299	0
2025	1,925,678	576,866	557,769	19,097	134,797	2,060,475	557,769	0
2026	2,060,475	596,495	576,971	19,524	144,233	2,204,708	576,971	0
2027	2,204,708	614,283	594,340	19,943	154,330	2,359,038	594,340	0
2028	2,359,038	630,449	610,105	20,344	165,133	2,524,171	610,105	0
2029	2,524,171	644,599	623,881	20,718	176,692	2,700,863	623,881	0
2030	2,700,863	657,499	636,427	21,072	189,060	2,889,923	636,427	0
2031	2,889,923	673,391	651,980	21,411	202,295	3,092,218	651,980	0
2032	3,092,218	686,257	664,540	21,717	216,455	3,308,673	664,540	0
2033	3,308,673	696,488	674,502	21,986	231,607	3,540,280	674,502	0
2034	3,540,280	709,963	687,743	22,220	247,820	3,788,100	687,743	0
2035	3,788,100	713,799	691,386	22,412	265,167	4,053,267	691,386	0
2036	4,053,267	718,169	695,602	22,567	283,729	4,336,996	695,602	0
2037	4,336,996	719,834	697,140	22,694	303,590	4,640,586	697,140	0
2038	4,640,586	722,385	699,601	22,784	324,841	4,965,427	699,601	0
2039	4,965,427	719,448	696,627	22,821	347,580	5,313,007	696,627	0
2040	5,313,007	714,745	691,943	22,802	371,910	5,684,917	691,943	0
2041	5,684,917	710,081	687,325	22,756	397,944	6,082,861	687,325	0
2042	6,082,861	702,055	679,366	22,689	425,800	6,508,661	679,366	0
2043	6,508,661	691,733	669,149	22,584	455,606	6,964,267	669,149	0
2044	6,964,267	681,893	659,459	22,434	487,499	7,451,766	659,459	0
2045	7,451,766	669,694	647,446	22,248	521,624	7,973,390	647,446	0
2046	7,973,390	656,306	634,287	22,019	558,137	8,531,527	634,287	0
2047	8,531,527	642,835	621,088	21,747	597,207	9,128,734	621,088	0
2048	9,128,734	626,527	605,102	21,424	639,011	9,767,745	605,102	0
2049	9,767,745	608,734	587,676	21,058	683,742	10,451,487	587,676	0
2050	10,451,487	589,519	568,863	20,656	731,604	11,183,091	568,863	0
2051	11,183,091	572,058	551,844	20,214	782,816	11,965,907	551,844	0
2052	11,965,907	553,815	534,072	19,743	837,613	12,803,520	534,072	0
2053	12,803,520	533,719	514,464	19,255	896,246	13,699,766	514,464	0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – COURTS

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2054	13,699,766	513,473	494,728	18,745	958,984	14,658,750	494,728	0
2055	14,658,750	493,338	475,110	18,227	1,026,113	15,684,863	475,110	0
2056	15,684,863	473,412	455,719	17,693	1,097,940	16,782,803	455,719	0
2057	16,782,803	453,364	436,223	17,141	1,174,796	17,957,599	436,223	0
2058	17,957,599	433,094	416,507	16,586	1,257,032	19,214,631	416,507	0
2059	19,214,631	412,815	396,786	16,028	1,345,024	20,559,655	396,786	0
2060	20,559,655	392,721	377,253	15,468	1,439,176	21,998,831	377,253	0
2061	21,998,831	372,891	357,982	14,909	1,539,918	23,538,749	357,982	0
2062	23,538,749	353,167	338,822	14,345	1,647,712	25,186,461	338,822	0
2063	25,186,461	333,759	319,984	13,775	1,763,052	26,949,513	319,984	0
2064	26,949,513	314,907	301,705	13,202	1,886,466	28,835,979	301,705	0
2065	28,835,979	296,438	283,810	12,628	2,018,519	30,854,498	283,810	0
2066	30,854,498	278,436	266,385	12,052	2,159,815	33,014,313	266,385	0
2067	33,014,313	260,885	249,411	11,474	2,311,002	35,325,315	249,411	0
2068	35,325,315	243,938	233,045	10,893	2,472,772	37,798,087	233,045	0
2069	37,798,087	227,453	217,141	10,313	2,645,866	40,443,953	217,141	0
2070	40,443,953	211,414	201,680	9,734	2,831,077	43,275,030	201,680	0
2071	43,275,030	195,971	186,814	9,157	3,029,252	46,304,282	186,814	0
2072	46,304,282	181,121	172,535	8,586	3,241,300	49,545,582	172,535	0
2073	49,545,582	166,891	158,869	8,022	3,468,191	53,013,773	158,869	0
2074	53,013,773	153,314	145,846	7,469	3,710,964	56,724,737	145,846	0
2075	56,724,737	140,400	133,473	6,927	3,970,732	60,695,469	133,473	0
2076	60,695,469	128,155	121,755	6,400	4,248,683	64,944,152	121,755	0
2077	64,944,152	116,585	110,696	5,889	4,546,091	69,490,243	110,696	0
2078	69,490,243	105,699	100,303	5,396	4,864,317	74,354,560	100,303	0
2079	74,354,560	95,474	90,552	4,921	5,204,819	79,559,379	90,552	0
2080	79,559,379	85,896	81,428	4,468	5,569,157	85,128,536	81,428	0
2081	85,128,536	76,916	72,881	4,034	5,958,998	91,087,534	72,881	0
2082	91,087,534	68,533	64,910	3,623	6,376,127	97,463,661	64,910	0
2083	97,463,661	60,689	57,457	3,233	6,822,456	104,286,117	57,457	0
2084	104,286,117	53,370	50,506	2,864	7,300,028	111,586,145	50,506	0
2085	111,586,145	46,561	44,045	2,516	7,811,030	119,397,175	44,045	0
2086	119,397,175	40,289	38,096	2,193	8,357,802	127,754,977	38,096	0
2087	127,754,977	34,549	32,655	1,894	8,942,848	136,697,825	32,655	0
2088	136,697,825	29,367	27,746	1,621	9,568,848	146,266,673	27,746	0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

APPENDIX D – DETERMINATION OF DISCOUNT RATE – COURTS

FYE	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments
2089	146,266,673	24,743	23,368	1,375	10,238,667	156,505,340	23,368	0
2090	156,505,340	20,648	19,492	1,156	10,955,374	167,460,714	19,492	0
2091	167,460,714	17,041	16,079	962	11,722,250	179,182,964	16,079	0
2092	179,182,964	13,894	13,103	790	12,542,807	191,725,771	13,103	0
2093	191,725,771	11,156	10,516	640	13,420,804	205,146,575	10,516	0
2094	205,146,575	8,785	8,275	510	14,360,260	219,506,835	8,275	0
2095	219,506,835	6,763	6,367	397	15,365,478	234,872,313	6,367	0
2096	234,872,313	5,065	4,765	300	16,441,062	251,313,375	4,765	0
2097	251,313,375	3,665	3,445	219	17,591,936	268,905,311	3,445	0
2098	268,905,311	2,542	2,389	154	18,823,372	287,728,683	2,389	0
2099	287,728,683	1,682	1,580	103	20,141,008	307,869,691	1,580	0
2100	307,869,691	1,054	990	65	21,550,878	329,420,569	990	0
2101	329,420,569	623	585	39	23,059,440	352,480,009	585	0
2102	352,480,009	343	322	21	24,673,601	377,153,610	322	0
2103	377,153,610	175	164	11	26,400,753	403,554,363	164	0
2104	403,554,363	79	74	5	28,248,805	431,803,168	74	0
2105	431,803,168	33	31	2	30,226,222	462,029,390	31	0
2106	462,029,390	14	13	1	32,342,057	494,371,447	13	0
2107	494,371,447	5	5	0	34,606,001	528,977,448	5	0
2108	528,977,448	1	1	0	37,028,421	566,005,869	1	0
2109	566,005,869	0	0	0	39,620,411	605,626,280	0	0
2110	605,626,280	0	0	0	42,393,840	648,020,120	0	0
2111	648,020,120	0	0	0	45,361,408	693,381,528	0	0
2112	693,381,528	0	0	0	48,536,707	741,918,235	0	0
2113	741,918,235	0	0	0	51,934,276	793,852,511	0	0
2114	793,852,511	0	0	0	55,569,676	849,422,187	0	0
2115	849,422,187	0	0	0	59,459,553	908,881,740	0	0
2116	908,881,740	0	0	0	63,621,722	972,503,462	0	0
2117	972,503,462	0	0	0	68,075,242	1,040,578,704	0	0
2118	1,040,578,704	0	0	0	72,840,509	1,113,419,213	0	0

Discount Rate:	7.000%	N/A
Present Value:	8,277,218	0
Total Present Value:		8,277,218
GASB Discount Rate:		7.000%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
COUNTY OF SANTA BARBARA**

Change in Net OPEB Liability - Santa Barbara County			
	Increase (Decrease)		
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability
Balance at end of prior year	\$ 132,754,248	\$ 16,290,111	\$ 116,464,137
Changes for the year:			
Service cost	1,625,302		1,625,302
Interest	9,057,560		9,057,560
Changes of benefits	0		0
Differences between expected and actual experience	(2,705,519)		(2,705,519)
Changes of assumptions	0		0
Contributions - employer		13,583,726	(13,583,726)
Contributions - member		0	0
Net investment income		1,666,607	(1,666,607)
Benefit payments	(8,461,997)	(8,461,997)	0
Administrative expense		(378,732)	378,732
Net changes	<u>(484,654)</u>	<u>6,409,605</u>	<u>(6,894,259)</u>
Balance at end of current year	<u>\$ 132,269,594</u>	<u>\$ 22,699,716</u>	<u>\$ 109,569,878</u>

Sensitivity of Net OPEB Liability to Changes in Discount Rate Santa Barbara County			
	1% Decrease 6.00%	Discount Rate 7.00%	1% Increase 8.00%
Total OPEB Liability	\$ 146,816,376	\$ 132,269,594	\$ 120,000,649
Plan Fiduciary Net Position	<u>22,699,716</u>	<u>22,699,716</u>	<u>22,699,716</u>
Net OPEB Liability	<u>\$ 124,116,660</u>	<u>\$ 109,569,878</u>	<u>\$ 97,300,933</u>
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	15.5%	17.2%	18.9%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
COUNTY OF SANTA BARBARA**

Schedule of Changes in Net OPEB Liability and Related Ratios Santa Barbara County			
	FYE 2019	FYE 2018	FYE 2017
Total OPEB Liability			
Service cost (BOY)	\$ 1,625,302	\$ 1,741,726	\$ 1,855,911
Interest (includes interest on service cost)	9,057,560	9,130,840	8,961,805
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(2,705,519)	(3,456,158)	(0)
Changes of assumptions	0	0	0
Benefit payments, including refunds of member contributions	(8,461,997)	(8,351,939)	(8,341,842)
Net change in total OPEB liability	\$ (484,654)	\$ (935,531)	\$ 2,475,874
Total OPEB liability - beginning	132,754,248	133,689,779	131,213,905
Total OPEB liability - ending	\$ 132,269,594	\$ 132,754,248	\$ 133,689,779
Plan Fiduciary Net Position			
Contributions - employer	\$ 13,583,726	\$ 12,761,807	\$ 12,642,216
Contributions - member	0	0	0
Net investment income	1,666,607	862,575	589,251
Benefit payments, including refunds of member contributions	(8,461,997)	(8,351,939)	(8,341,842)
Administrative expense	(378,732)	(396,449)	(352,257)
Net change in plan fiduciary net position	\$ 6,409,605	\$ 4,875,993	\$ 4,537,368
Plan fiduciary net position - beginning	16,290,111	11,414,118	6,876,750
Plan fiduciary net position - ending	\$ 22,699,716	\$ 16,290,111	\$ 11,414,118
Net OPEB liability - ending	\$ 109,569,878	\$ 116,464,137	\$ 122,275,662
Plan fiduciary net position as a percentage of the total OPEB liability	17.16%	12.27%	8.54%
Covered payroll	\$ 328,862,240	\$ 319,452,077	\$ 316,947,740
Net OPEB liability as a percentage of covered payroll	33.32%	36.46%	38.58%

Schedule of Employer Contributions - Santa Barbara County					
	FYE 2019	FYE 2018	FYE 2017	FYE 2016	FYE 2015
Contractually Required Employer Contribution (CREC)	\$ 13,583,726	\$ 12,761,807	\$ 12,642,216	\$ 11,394,956	\$ 9,132,822
Amount of Contribution Recognized by the OPEB Plan	13,583,726	12,761,807	12,642,216	11,394,956	9,132,822
Contribution Deficiency/(Excess) relative to CREC	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Covered Payroll (Pay)	\$328,862,240	\$319,452,077	\$316,947,740	\$304,479,530	\$295,364,623
Actual Contributions as % of Pay	4.13%	3.99%	3.99%	3.74%	3.09%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
AIR POLLUTION CONTROL DISTRICT**

Change in Net OPEB Liability - Air Pollution Control District				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	
Balance at end of prior year	\$ 1,492,601	\$ 1,536,427	\$ (43,826)	
Changes for the year:				
Service cost	12,164		12,164	
Interest	101,315		101,315	
Changes of benefits	0		0	
Differences between expected and actual experience	153,752		153,752	
Changes of assumptions	0		0	
Contributions - employer		202,521	(202,521)	
Contributions - member		0	0	
Net investment income		152,445	(152,445)	
Benefit payments	(104,211)	(104,211)	0	
Administrative expense		(6,632)	6,632	
Net changes	<u>163,019</u>	<u>244,123</u>	<u>(81,104)</u>	
Balance at end of current year	<u>\$ 1,655,620</u>	<u>\$ 1,780,551</u>	<u>\$ (124,931)</u>	

Sensitivity of Net OPEB Liability to Changes in Discount Rate Air Pollution Control District				
	1% Decrease 6.00%	Discount Rate 7.00%	1% Increase 8.00%	
Total OPEB Liability	\$ 1,834,335	\$ 1,655,620	\$ 1,504,993	
Plan Fiduciary Net Position	<u>1,780,551</u>	<u>1,780,551</u>	<u>1,780,551</u>	
Net OPEB Liability	<u>\$ 53,785</u>	<u>\$ (124,931)</u>	<u>\$ (275,558)</u>	
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	97.1%	107.5%	118.3%	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
AIR POLLUTION CONTROL DISTRICT**

Schedule of Changes in Net OPEB Liability and Related Ratios Air Pollution Control District				
	FYE 2019	FYE 2018	FYE 2017	
<u>Total OPEB Liability</u>				
Service cost (BOY)	\$ 12,164	\$ 12,680	\$ 14,379	
Interest (includes interest on service cost)	101,315	100,026	98,778	
Changes of benefit terms	0	0	0	
Differences between expected and actual experience	153,752	6,909	0	
Changes of assumptions	0	0	0	
Benefit payments, including refunds of member contributions	(104,211)	(97,800)	(91,292)	
Net change in total OPEB liability	\$ 163,019	\$ 21,815	\$ 21,865	
Total OPEB liability - beginning	1,492,601	1,470,786	1,448,921	
Total OPEB liability - ending	<u>\$ 1,655,620</u>	<u>\$ 1,492,601</u>	<u>\$ 1,470,786</u>	
<u>Plan Fiduciary Net Position</u>				
Contributions - employer	\$ 202,521	\$ 204,124	\$ 162,872	
Contributions - member	0	0	0	
Net investment income	152,445	122,830	93,589	
Benefit payments, including refunds of member contributions	(104,211)	(97,800)	(91,292)	
Administrative expense	(6,632)	(6,393)	(5,617)	
Net change in plan fiduciary net position	\$ 244,123	\$ 222,761	\$ 159,552	
Plan fiduciary net position - beginning	1,536,427	1,313,666	1,154,114	
Plan fiduciary net position - ending	<u>\$ 1,780,551</u>	<u>\$ 1,536,427</u>	<u>\$ 1,313,666</u>	
Net OPEB liability - ending	<u>\$ (124,931)</u>	<u>\$ (43,826)</u>	<u>\$ 157,119</u>	
Plan fiduciary net position as a percentage of the total OPEB liability	107.55%	102.94%	89.32%	
Covered payroll	\$ 3,306,424	\$ 3,105,717	\$ 3,306,305	
Net OPEB liability as a percentage of covered payroll	-3.78%	-1.41%	4.75%	

Schedule of Employer Contributions - Air Pollution Control District					
	FYE 2019	FYE 2018	FYE 2017	FYE 2016	FYE 2015
Contractually Required Employer Contribution (CREC)	\$ 202,521	\$ 204,124	\$ 162,872	\$ 178,444	\$ 184,418
Amount of Contribution Recognized by the OPEB Plan	202,521	204,124	162,872	178,444	184,418
Contribution Deficiency/(Excess) relative to CREC	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Covered Payroll (Pay)	\$ 3,306,424	\$ 3,105,717	\$ 3,306,305	\$ 3,336,095	\$ 3,322,884
Actual Contributions as % of Pay	6.13%	6.57%	4.93%	5.35%	5.55%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
COURTS**

Change in Net OPEB Liability - Courts				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	
Balance at end of prior year	\$ 7,291,076	\$ 1,228,731	\$ 6,062,345	
Changes for the year:				
Service cost	121,294		121,294	
Interest	500,261		500,261	
Changes of benefits	0		0	
Differences between expected and actual experience	27,955		27,955	
Changes of assumptions	0		0	
Contributions - employer		466,343	(466,343)	
Contributions - member		0	0	
Net investment income		110,000	(110,000)	
Benefit payments	(415,247)	(415,247)	0	
Administrative expense		(16,845)	16,845	
Net changes	234,262	144,251	90,011	
Balance at end of current year	<u>\$ 7,525,338</u>	<u>\$ 1,372,982</u>	<u>\$ 6,152,356</u>	

Sensitivity of Net OPEB Liability to Changes in Discount Rate Courts				
	1% Decrease 6.00%	Discount Rate 7.00%	1% Increase 8.00%	
Total OPEB Liability	\$ 8,382,382	\$ 7,525,338	\$ 6,802,183	
Plan Fiduciary Net Position	<u>1,372,982</u>	<u>1,372,982</u>	<u>1,372,982</u>	
Net OPEB Liability	<u>\$ 7,009,400</u>	<u>\$ 6,152,356</u>	<u>\$ 5,429,201</u>	
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	16.4%	18.2%	20.2%	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
COURTS**

Schedule of Changes in Net OPEB Liability and Related Ratios Courts			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 121,294	\$ 279,798	\$ 355,422
Interest (includes interest on service cost)	500,261	378,228	324,335
Changes of benefit terms	0	0	0
Differences between expected and actual experience	27,955	77,129	(0)
Changes of assumptions	0	(3,589,217)	(1,143,660)
Benefit payments, including refunds of member contributions	(415,247)	(405,590)	(375,556)
Net change in total OPEB liability	\$ 234,262	\$ (3,259,651)	\$ (839,459)
Total OPEB liability - beginning	<u>7,291,076</u>	<u>10,550,727</u>	<u>11,390,186</u>
Total OPEB liability - ending	<u>\$ 7,525,338</u>	<u>\$ 7,291,076</u>	<u>\$ 10,550,727</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 466,343	\$ 389,596	\$ 1,651,220
Contributions - member	0	0	0
Net investment income	110,000	2,945	(169)
Benefit payments, including refunds of member contributions	(415,247)	(405,590)	(375,556)
Administrative expense	(16,845)	(18,149)	(15,566)
Net change in plan fiduciary net position	\$ 144,251	\$ (31,198)	\$ 1,259,929
Plan fiduciary net position - beginning	<u>1,228,731</u>	<u>1,259,929</u>	<u>0</u>
Plan fiduciary net position - ending	<u>\$ 1,372,982</u>	<u>\$ 1,228,731</u>	<u>\$ 1,259,929</u>
Net OPEB liability - ending	<u>\$ 6,152,356</u>	<u>\$ 6,062,345</u>	<u>\$ 9,290,798</u>
Plan fiduciary net position as a percentage of the total OPEB liability	18.24%	16.85%	11.94%
Covered employee payroll	\$ 15,348,112	\$ 14,709,868	\$ 13,893,235
Net OPEB liability as a percentage of covered payroll	40.09%	41.21%	66.87%

Since the Courts are implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
CARPINTERIA CEMETERY**

Change in Net OPEB Liability - Carpinteria Cemetery				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position		Net OPEB Liability
Balance at end of prior year	\$ 64,122	\$ 0		\$ 64,122
Changes for the year:				
Service cost	1,864			1,864
Interest	2,475			2,475
Changes of benefits	0			0
Differences between expected and actual experience	(940)			(940)
Changes of assumptions	3,980			3,980
Contributions - employer		2,345		(2,345)
Contributions - member		0		0
Net investment income		0		0
Benefit payments	(2,179)	(2,179)		0
Administrative expense		(166)		166
Net changes	<u>5,201</u>	<u>0</u>		<u>5,201</u>
Balance at end of current year	<u>\$ 69,323</u>	<u>\$ 0</u>		<u>\$ 69,323</u>

Sensitivity of Net OPEB Liability to Changes in Discount Rate Carpinteria Cemetery				
	1% Decrease 2.50%	Discount Rate 3.50%		1% Increase 4.50%
Total OPEB Liability	\$ 82,214	\$ 69,323		\$ 59,355
Plan Fiduciary Net Position	<u>0</u>	<u>0</u>		<u>0</u>
Net OPEB Liability	<u>\$ 82,214</u>	<u>\$ 69,323</u>		<u>\$ 59,355</u>
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	0.0%	0.0%		0.0%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
CARPINTERIA CEMETERY**

Schedule of Changes in Net OPEB Liability and Related Ratios Carpinteria Cemetery			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 1,864	\$ 2,432	\$ 2,825
Interest (includes interest on service cost)	2,475	2,309	1,984
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(940)	(32)	0
Changes of assumptions	3,980	(2,766)	(7,574)
Benefit payments, including refunds of member contributions	(2,179)	(2,179)	(2,179)
Net change in total OPEB liability	\$ 5,201	\$ (235)	\$ (4,944)
Total OPEB liability - beginning	64,122	64,357	69,301
Total OPEB liability - ending	<u>69,323</u>	<u>64,122</u>	<u>64,357</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 2,345	\$ 2,355	\$ 2,347
Contributions - member	0	0	0
Net investment income	0	0	0
Benefit payments, including refunds of member contributions	(2,179)	(2,179)	(2,179)
Administrative expense	(166)	(176)	(168)
Net change in plan fiduciary net position	\$ 0	\$ 0	\$ 0
Plan fiduciary net position - beginning	0	0	0
Plan fiduciary net position - ending	<u>0</u>	<u>0</u>	<u>0</u>
Net OPEB liability - ending	<u>69,323</u>	<u>64,122</u>	<u>64,357</u>
Plan fiduciary net position as a percentage of the total OPEB liability	0.00%	0.00%	0.00%
Covered employee payroll	\$ 137,016	\$ 111,496	\$ 139,356
Net OPEB liability as a percentage of covered payroll	50.59%	57.51%	46.18%

Since Carpinteria Cemetery is implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
GOLETA CEMETERY**

Change in Net OPEB Liability - Goleta Cemetery				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	
Balance at end of prior year	\$ 115,404	\$ 0	\$ 115,404	
Changes for the year:				
Service cost	6,161		6,161	
Interest	4,518		4,518	
Changes of benefits	0		0	
Differences between expected and actual experience	(2,839)		(2,839)	
Changes of assumptions	4,890		4,890	
Contributions - employer		3,209	(3,209)	
Contributions - member		0	0	
Net investment income		0	(0)	
Benefit payments	(3,447)	(3,447)	0	
Administrative expense		(280)	280	
Net changes	<u>9,283</u>	<u>(517)</u>	<u>9,800</u>	
Balance at end of current year	<u>\$ 124,687</u>	<u>\$ (517)</u>	<u>\$ 125,205</u>	

Sensitivity of Net OPEB Liability to Changes in Discount Rate Goleta Cemetery				
	1% Decrease 2.50%	Discount Rate 3.50%	1% Increase 4.50%	
Total OPEB Liability	\$ 139,595	\$ 124,687	\$ 112,145	
Plan Fiduciary Net Position	(517)	(517)	(517)	
Net OPEB Liability	<u>\$ 140,112</u>	<u>\$ 125,205</u>	<u>\$ 112,662</u>	
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	-0.4%	-0.4%	-0.5%	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
GOLETA CEMETERY**

Schedule of Changes in Net OPEB Liability and Related Ratios Goleta Cemetery			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 6,161	\$ 6,198	\$ 8,231
Interest (includes interest on service cost)	4,518	5,093	4,157
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(2,839)	(29,830)	(0)
Changes of assumptions	4,890	(3,733)	(12,335)
Benefit payments, including refunds of member contributions	(3,447)	(2,929)	(2,455)
Net change in total OPEB liability	\$ 9,283	\$ (25,201)	\$ (2,402)
Total OPEB liability - beginning	115,404	140,605	143,007
Total OPEB liability - ending	<u>\$ 124,687</u>	<u>\$ 115,404</u>	<u>\$ 140,605</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 3,209	\$ 3,180	\$ 2,645
Contributions - member	0	0	0
Net investment income	0	0	0
Benefit payments, including refunds of member contributions	(3,447)	(2,929)	(2,455)
Administrative expense	(280)	(251)	(190)
Net change in plan fiduciary net position	\$ (517)	\$ 0	\$ 0
Plan fiduciary net position - beginning	0	0	0
Plan fiduciary net position - ending	<u>\$ (517)</u>	<u>\$ 0</u>	<u>\$ 0</u>
Net OPEB liability - ending	<u>\$ 125,205</u>	<u>\$ 115,404</u>	<u>\$ 140,605</u>
Plan fiduciary net position as a percentage of the total OPEB liability	-0.41%	0.00%	0.00%
Covered employee payroll	\$ 273,492	\$ 280,764	\$ 275,831
Net OPEB liability as a percentage of covered payroll	45.78%	41.10%	50.98%

Since Goleta Cemetery is implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
SANTA MARIA CEMETERY**

Change in Net OPEB Liability - Santa Maria Cemetery				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position		Net OPEB Liability
Balance at end of prior year	\$ 420,622	\$ 0		\$ 420,622
Changes for the year:				
Service cost	9,344			9,344
Interest	16,126			16,126
Changes of benefits	0			0
Differences between expected and actual experience	(541)			(541)
Changes of assumptions	19,288			19,288
Contributions - employer		17,953		(17,953)
Contributions - member		0		0
Net investment income		0		(0)
Benefit payments	(17,299)	(17,299)		0
Administrative expense		(679)		679
Net changes	26,918	(24)		26,942
Balance at end of current year	<u>\$ 447,539</u>	<u>\$ (24)</u>		<u>\$ 447,563</u>

Sensitivity of Net OPEB Liability to Changes in Discount Rate Santa Maria Cemetery				
	1% Decrease 2.50%	Discount Rate 3.50%		1% Increase 4.50%
Total OPEB Liability	\$ 506,824	\$ 447,539	\$	398,240
Plan Fiduciary Net Position	(24)	(24)		(24)
Net OPEB Liability	<u>\$ 506,848</u>	<u>\$ 447,563</u>	<u>\$</u>	<u>398,264</u>
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	0.0%	0.0%		0.0%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
SANTA MARIA CEMETERY**

Schedule of Changes in Net OPEB Liability and Related Ratios Santa Maria Cemetery			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 9,344	\$ 9,670	\$ 10,190
Interest (includes interest on service cost)	16,126	15,208	13,123
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(541)	(496)	0
Changes of assumptions	19,288	(14,922)	(41,535)
Benefit payments, including refunds of member contributions	(17,299)	(17,299)	(17,299)
Net change in total OPEB liability	\$ 26,918	\$ (7,840)	\$ (35,521)
Total OPEB liability - beginning	420,622	428,461	463,982
Total OPEB liability - ending	<u>\$ 447,539</u>	<u>\$ 420,622</u>	<u>\$ 428,461</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 17,953	\$ 18,051	\$ 17,986
Contributions - member	0	0	0
Net investment income	0	0	0
Benefit payments, including refunds of member contributions	(17,299)	(17,299)	(17,299)
Administrative expense	(679)	(752)	(687)
Net change in plan fiduciary net position	\$ (24)	\$ 0	\$ 0
Plan fiduciary net position - beginning	0	0	0
Plan fiduciary net position - ending	<u>\$ (24)</u>	<u>\$ 0</u>	<u>\$ 0</u>
Net OPEB liability - ending	<u>\$ 447,563</u>	<u>\$ 420,622</u>	<u>\$ 428,461</u>
Plan fiduciary net position as a percentage of the total OPEB liability	-0.01%	0.00%	0.00%
Covered employee payroll	\$ 386,901	\$ 382,916	\$ 343,598
Net OPEB liability as a percentage of covered payroll	115.68%	109.85%	124.70%

Since Santa Maria Cemetery is implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
SANTA BARBARA COUNTY ASSOCIATION OF GOVERNMENTS**

Change in Net OPEB Liability - SB County Assoc. of Govts				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position		Net OPEB Liability
Balance at end of prior year	\$ 592,522	\$ 0		\$ 592,522
Changes for the year:				
Service cost	20,490			20,490
Interest	23,299			23,299
Changes of benefits	0			0
Differences between expected and actual experience	(22,663)			(22,663)
Changes of assumptions	37,067			37,067
Contributions - employer		6,520		(6,520)
Contributions - member		0		0
Net investment income		0		0
Benefit payments	(1,243)	(1,243)		0
Administrative expense		(565)		565
Net changes	56,949	4,712		52,238
Balance at end of current year	<u>\$ 649,472</u>	<u>\$ 4,712</u>		<u>\$ 644,760</u>

Sensitivity of Net OPEB Liability to Changes in Discount Rate SB County Assoc of Govts				
	1% Decrease 2.50%	Discount Rate 3.50%		1% Increase 4.50%
Total OPEB Liability	\$ 767,281	\$ 649,472	\$	555,982
Plan Fiduciary Net Position	4,712	4,712		4,712
Net OPEB Liability	<u>\$ 762,570</u>	<u>\$ 644,760</u>	<u>\$</u>	<u>551,271</u>
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	0.6%	0.7%		0.8%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
SANTA BARBARA COUNTY ASSOCIATION OF GOVERNMENTS**

Schedule of Changes in Net OPEB Liability and Related Ratios SB County Assoc. of Govts			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 20,490	\$ 23,053	\$ 29,502
Interest (includes interest on service cost)	23,299	23,475	19,855
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(22,663)	(67,591)	0
Changes of assumptions	37,067	(27,872)	(82,792)
Benefit payments, including refunds of member contributions	(1,243)	(5,293)	(3,637)
Net change in total OPEB liability	\$ 56,949	\$ (54,228)	\$ (37,071)
Total OPEB liability - beginning	592,522	646,751	683,822
Total OPEB liability - ending	<u>\$ 649,472</u>	<u>\$ 592,522</u>	<u>\$ 646,751</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 6,520	\$ 5,965	\$ 4,125
Contributions - member	0	0	0
Net investment income	0	0	0
Benefit payments, including refunds of member contributions	(1,243)	(5,293)	(3,637)
Administrative expense	(565)	(672)	(488)
Net change in plan fiduciary net position	\$ 4,712	\$ 0	\$ 0
Plan fiduciary net position - beginning	0	0	0
Plan fiduciary net position - ending	<u>\$ 4,712</u>	<u>\$ 0</u>	<u>\$ 0</u>
Net OPEB liability - ending	<u>\$ 644,760</u>	<u>\$ 592,522</u>	<u>\$ 646,751</u>
Plan fiduciary net position as a percentage of the total OPEB liability	0.73%	0.00%	0.00%
Covered employee payroll	\$ 2,128,548	\$ 1,826,864	\$ 1,164,432
Net OPEB liability as a percentage of covered payroll	30.29%	32.43%	55.54%

Since the Santa Barbara County Association of Governments is implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
SUMMERLAND SANITARY**

Change in Net OPEB Liability - Summerland Sanitary				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	
Balance at end of prior year	\$ 161,679	\$ 0	\$ 161,679	
Changes for the year:				
Service cost	5,741		5,741	
Interest	6,281		6,281	
Changes of benefits	0		0	
Differences between expected and actual experience	(1,439)		(1,439)	
Changes of assumptions	7,983		7,983	
Contributions - employer		4,688	(4,688)	
Contributions - member		0	0	
Net investment income		(0)	0	
Benefit payments	(4,513)	(4,513)	0	
Administrative expense		(175)	175	
Net changes	14,052	0	14,052	
Balance at end of current year	<u>\$ 175,731</u>	<u>\$ 0</u>	<u>\$ 175,731</u>	

Sensitivity of Net OPEB Liability to Changes in Discount Rate Summerland Sanitary				
	1% Decrease 2.50%	Discount Rate 3.50%	1% Increase 4.50%	
Total OPEB Liability	\$ 200,364	\$ 175,731	\$ 155,359	
Plan Fiduciary Net Position	0	0	0	
Net OPEB Liability	<u>\$ 200,364</u>	<u>\$ 175,731</u>	<u>\$ 155,359</u>	
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	0.0%	0.0%	0.0%	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
SUMMERLAND SANITARY**

Schedule of Changes in Net OPEB Liability and Related Ratios Summerland Sanitary			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 5,741	\$ 5,464	\$ 6,436
Interest (includes interest on service cost)	6,281	5,937	5,013
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(1,439)	(4,575)	0
Changes of assumptions	7,983	(5,964)	(16,507)
Benefit payments, including refunds of member contributions	(4,513)	(4,513)	(4,614)
Net change in total OPEB liability	\$ 14,052	\$ (3,650)	\$ (9,671)
Total OPEB liability - beginning	161,679	165,330	175,001
Total OPEB liability - ending	<u>\$ 175,731</u>	<u>\$ 161,679</u>	<u>\$ 165,330</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 4,688	\$ 4,731	\$ 4,847
Contributions - member	0	0	0
Net investment income	0	0	0
Benefit payments, including refunds of member contributions	(4,513)	(4,513)	(4,614)
Administrative expense	(175)	(217)	(233)
Net change in plan fiduciary net position	\$ 0	\$ 0	\$ 0
Plan fiduciary net position - beginning	0	0	0
Plan fiduciary net position - ending	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
Net OPEB liability - ending	<u>\$ 175,731</u>	<u>\$ 161,679</u>	<u>\$ 165,330</u>
Plan fiduciary net position as a percentage of the total OPEB liability	0.00%	0.00%	0.00%
Covered employee payroll	\$ 433,121	\$ 388,149	\$ 347,798
Net OPEB liability as a percentage of covered payroll	40.57%	41.65%	47.54%

Since Summerland Sanitary is implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
CARPINTERIA-SUMMERLAND FPO**

Change in Net OPEB Liability - Carpinteria-Summerland FPO				
	Increase (Decrease)			
	Total OPEB Liability	Plan Fiduciary Net Position		Net OPEB Liability
Balance at end of prior year	\$ 2,849,018	\$ 0	\$	2,849,018
Changes for the year:				
Service cost	51,085			51,085
Interest	108,347			108,347
Changes of benefits	0			0
Differences between expected and actual experience	(167,923)			(167,923)
Changes of assumptions	116,554			116,554
Contributions - employer		151,775		(151,775)
Contributions - member		0		0
Net investment income		0		(0)
Benefit payments	(150,732)	(150,732)		0
Administrative expense		(5,111)		5,111
Net changes	<u>(42,669)</u>	<u>(4,068)</u>		<u>(38,601)</u>
Balance at end of current year	<u>\$ 2,806,350</u>	<u>\$ (4,068)</u>	<u>\$</u>	<u>2,810,418</u>

Sensitivity of Net OPEB Liability to Changes in Discount Rate Carpinteria-Summerland FPO				
	1% Decrease 2.50%	Discount Rate 3.50%	1% Increase 4.50%	
Total OPEB Liability	\$ 3,166,982	\$ 2,806,350	\$ 2,509,092	
Plan Fiduciary Net Position	(4,068)	(4,068)	(4,068)	
Net OPEB Liability	<u>\$ 3,171,050</u>	<u>\$ 2,810,418</u>	<u>\$ 2,513,160</u>	
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	-0.1%	-0.1%	-0.2%	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 74 AND 75 REPORTING FOR JUNE 30, 2019 MEASUREMENT DATE**

**APPENDIX E – REQUIRED SUPPLEMENTARY INFORMATION BY EMPLOYER:
CARPINTERIA-SUMMERLAND FPO**

Schedule of Changes in Net OPEB Liability and Related Ratios Carpinteria-Summerland FPO			
	FYE 2019	FYE 2018	FYE 2017
<u>Total OPEB Liability</u>			
Service cost (BOY)	\$ 51,085	\$ 50,482	\$ 70,238
Interest (includes interest on service cost)	108,347	97,431	84,935
Changes of benefit terms	0	0	0
Differences between expected and actual experience	(167,923)	178,389	(0)
Changes of assumptions	116,554	(96,677)	(255,897)
Benefit payments, including refunds of member contributions	(150,732)	(151,391)	(146,542)
Net change in total OPEB liability	\$ (42,669)	\$ 78,233	\$ (247,266)
Total OPEB liability - beginning	<u>2,849,018</u>	<u>2,770,785</u>	<u>3,018,051</u>
Total OPEB liability - ending	<u>\$ 2,806,350</u>	<u>\$ 2,849,018</u>	<u>\$ 2,770,785</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - employer	\$ 151,775	\$ 156,986	\$ 151,297
Contributions - member	0	0	0
Net investment income	0	0	0
Benefit payments, including refunds of member contributions	(150,732)	(151,391)	(146,542)
Administrative expense	(5,111)	(5,595)	(4,755)
Net change in plan fiduciary net position	\$ (4,068)	\$ 0	\$ 0
Plan fiduciary net position - beginning	<u>0</u>	<u>0</u>	<u>0</u>
Plan fiduciary net position - ending	<u>\$ (4,068)</u>	<u>\$ 0</u>	<u>\$ 0</u>
Net OPEB liability - ending	<u>\$ 2,810,418</u>	<u>\$ 2,849,018</u>	<u>\$ 2,770,785</u>
Plan fiduciary net position as a percentage of the total OPEB liability	-0.14%	0.00%	0.00%
Covered employee payroll	\$ 3,989,957	\$ 3,659,840	\$ 3,314,478
Net OPEB liability as a percentage of covered payroll	70.44%	77.85%	83.60%

Since the Carpinteria-Summerland FPO is implementing a pay-as-you-go funding policy, no schedule of employer contributions is provided.

APPENDIX F – GLOSSARY OF TERMS

1. Actuarially Determined Contribution

A target or recommended contribution for the reporting period, determined in conformity with Actuarial Standards of Practice based on the most recent measurement available when the contribution for the reporting period was adopted.

2. Actuarial Valuation Date

The date as of which an actuarial valuation is performed. This date may be up to 24 months prior to the measurement date and up to 30 months prior to the employer's reporting date.

3. Deferred Inflow of Resources

An acquisition of net assets by a government employer that is applicable to a future reporting period. In the context of GASB 75, these are experience gains on the total OPEB liability, assumption changes reducing the total OPEB liability, or investment gains that are recognized in future reporting periods.

4. Deferred Outflow of Resources

A consumption of net assets by a government employer that is applicable to a future reporting period. In the context of GASB 75, these are experience losses on the total OPEB liability, assumption changes increasing the total OPEB liability, or investment losses that are recognized in future reporting periods.

5. Entry Age Actuarial Cost Method

The actuarial cost method required for GASB 74 and 75 calculations. Under this method, the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis over the earnings of the individual between entry age and assumed exit ages. The portion of this actuarial present value allocated to a valuation year is called the Service Cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future service costs is called the total OPEB liability.

6. Measurement Date

The date as of which the total OPEB liability and plan fiduciary net position are measured. The total OPEB liability may be projected from the Actuarial Valuation Date to the Measurement Date. The Measurement Date must be the same as the Reporting Date for the plan.

APPENDIX F – GLOSSARY OF TERMS

7. Net OPEB Liability

The liability of employers and nonemployer contributing entities for employees for benefits provided through a defined benefit OPEB plan. It is calculated as the total OPEB liability less the plan fiduciary net position.

8. Plan Fiduciary Net Position

The fair or Market Value of Assets.

9. Reporting Date

The last day of the plan or employer's fiscal year.

10. Service Cost

The portion of the actuarial present value of projected benefit payments that is attributed to the current period of employee service in conformity with the requirements of GASB 74 and 75. The Service Cost is the normal cost calculated under the entry age actuarial cost method.

11. Total OPEB Liability

The portion of the actuarial present value of projected benefit payments that is attributed to past periods of employee service in conformity with the requirements of GASB 74 and 75. The total OPEB liability is the actuarial liability calculated under the entry age actuarial cost method.



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