



Santa Barbara County Employees' Retirement System

**GASB 67/68 Report
as of June 30, 2017**

Produced by Cheiron

October 2017

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October 31, 2017

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 GASB 67 for the Santa Barbara County Employees' Retirement System (SBCERS) and under GASB 68 for participating employers. This information includes:

- Determination of the discount rate as of June 30, 2017,
- Projection of SBCERS's Total Pension Liability from the valuation date to the measurement date,
- Note disclosures and required supplementary information under GASB 67 for SBCERS,
- Determination of collective amounts under GASB 68, and
- Schedules for the financial reporting of participating employers under GASB 68.

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

Sincerely,
Cheiron



Anne D. Harper, FSA, EA, MAAA
Consulting Actuary



Graham A. Schmidt, ASA, EA, MAAA
Consulting Actuary

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

SECTION I - BOARD SUMMARY

The purpose of this report is to provide accounting and financial disclosure information under Government Accounting Standards Board Statements 67 and 68 for the Santa Barbara County Employees' Retirement System and the participating employers. This information includes:

- Determination of the discount rate as of June 30, 2017,
- Projection of SBCERS's Total Pension Liability from the valuation date to the measurement date,
- Note disclosures and required supplementary information under GASB 67 for SBCERS,
- Determination of collective amounts under GASB 68, and
- Schedules for the financial reporting of participating employers under GASB 68.

Highlights

The measurement date for the Santa Barbara County Employees' Retirement System (SBCERS) is June 30, 2017. Measurements are based on the fair value of assets as of June 30, 2017 and the Total Pension Liability as of the valuation date, June 30, 2016, updated to June 30, 2017. The TPL reflects the economic and demographic assumptions determined in the Actuarial Experience Study performed by Cheiron as of June 30, 2016 and adopted by the Board over the course of several meetings during 2016. To the best of our knowledge, there were no other significant events between the valuation date and the measurement date so the update procedures only include the addition of service cost and interest cost offset by actual benefit payments.

The table below provides a summary of the key collective results during this measurement period.

Table I-1 Summary of Collective Results			
		Measurement Date	
		6/30/2017	6/30/2016
Net Pension Liability	\$	940,769,690	\$ 840,713,706
Deferred Outflows		(231,806,003)	(159,987,348)
Deferred Inflows		63,514,056	41,700,017
Net Impact on Statement of Net Position	\$	772,477,743	\$ 722,426,375
Pension Expense (\$ Amount)	\$	172,042,353	\$ 130,355,650
Pension Expense (% of Payroll)		50.44%	39.63%

The Net Pension Liability (NPL) increased by approximately \$100 million since the prior measurement date, primarily due to assumption changes based on the experience study completed in 2016. There were also actuarial and investment gains that reduced the NPL. The

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

SECTION I - BOARD SUMMARY

investment gains are recognized over five years, and the actuarial liability gains and assumption changes are recognized over the average remaining service life, which is also five years. Unrecognized amounts are reported as deferred inflows and deferred outflows. As of the end of the reporting year, the participating employers in SBCERS would report a Net Pension Liability of \$940,769,690, collective Deferred Inflows of \$63,514,056, and collective Deferred Outflows of \$231,806,003. Consequently, the net impact on the aggregate of participating employers' Statements of Net Position due to SBCERS would be \$772,477,743 at the end of the measurement year. In addition, any contributions between the measurement date and each individual employer's reporting date would be reported as deferred outflows to offset the cash outflow reported.

For the measurement year ending June 30, 2017, the collective annual pension expense is \$172,042,353 or 50.44% of covered payroll. This amount is not related to participating employers' contributions to SBCERS (\$121,990,986), but instead represents the change in the net impact on participating employer's Statements of Net Position plus employer contributions (\$772,477,743 – \$722,426,375 + \$121,990,986). The collective pension expense is larger than the collective expense for the prior year. Volatility in pension expense from year to year is to be expected. It will largely be driven by investment gains or losses, but other changes can also have a significant impact. A breakdown of the components of the net pension expense is shown in the report on page 12.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

SECTION II - CERTIFICATION

The purpose of this report is to provide accounting and financial reporting information under GASB 67 for the Santa Barbara County Employees' Retirement System (SBCERS) and under GASB 68 for the employers that participate in SBCERS. This report is for the use of SBCERS, 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 SBCERS.

In preparing our report, we relied on information (some oral and some written) supplied by SBCERS. 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.

To the best of our knowledge, this report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices that are consistent with the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board. Furthermore, as credentialed actuaries, 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 SBCERS 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.

Anne D. Harper, FSA, EA, MAAA
Consulting Actuary

Graham A. Schmidt, ASA, EA, MAAA
Consulting Actuary

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SECTION III - DETERMINATION OF DISCOUNT RATE

The discount rate used to measure the Total Pension Liability was 7.00%.

The projection of cash flows used to determine the discount rate assumed that plan member contributions will continue to be made at the required rates. Employer contributions were assumed to be made in accordance with the contribution policy in effect for the June 30, 2016 actuarial valuation. That policy includes contributions equal to the actuarially determined contribution, reflecting a payment equal to annual Normal Cost, a portion of the expected Administrative Expenses, an amortization payment for the creation of Safety Plan 6 over a closed period (12 years remaining as of the June 30, 2016 actuarial valuation), and an amount necessary to amortize the Unfunded Actuarial Liability as of June 30, 2013 as a level percentage of payroll over a closed period (14 years remaining as of the June 30, 2016 actuarial valuation). Changes in the Unfunded Actuarial Liability established after June 30, 2013 amortized over separate 19-year closed periods, reflecting a five-year ramp-up and ramp-down in the amortization payment.

We have not performed a formal cash flow projection as described under Paragraph 41 of GASB Statement 67. However, Paragraph 43 allows for alternative methods to confirm the sufficiency of the Net Position if the evaluations “can be made with sufficient reliability without a separate projection of cash flows into and out of the pension plan...” In our professional judgment, adherence to the actuarial funding policy described above will result in the pension plan’s projected Fiduciary Net Position being greater than or equal to the benefit payments projected for each future period.

Therefore, the long-term expected rate of return on Plan investments was applied to all periods of projected benefit payments to determine the Total Pension Liability.

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SECTION IV - PROJECTION OF TOTAL PENSION LIABILITY

The Total Pension Liability (TPL) at the end of the measurement year, June 30, 2017, is measured as of a valuation date of June 30, 2016 and projected to June 30, 2017. The TPL reflects the economic and demographic assumptions determined in the Actuarial Experience Study performed by Cheiron as of June 30, 2016 and adopted by the Board over the course of several meetings during 2016.

There were no significant events during the projection period of which we are aware. Because the TPL shown in the prior report was measured as of June 30, 2015 and projected to June 30, 2016, it will not match the amounts measured as of June 30, 2016 that are shown in this exhibit.

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

Table IV-1			
Projection of Collective Total Pension Liability from Valuation to Measurement Date			
Discount Rate	6.00%	7.00%	8.00%
Valuation Collective Total Pension Liability, 6/30/2016			
Actives	\$ 1,703,822,181	\$ 1,428,924,994	\$ 1,209,139,025
Deferred Vested	168,256,721	141,050,932	119,950,239
Retirees	<u>2,217,783,047</u>	<u>2,001,822,229</u>	<u>1,820,493,917</u>
Total	\$ 4,089,861,949	\$ 3,571,798,155	\$ 3,149,583,181
Service Cost	99,861,564	77,134,575	60,303,182
Benefit Payments	154,229,432	154,229,432	154,229,432
Interest	243,784,439	247,373,188	248,281,882
Collective Total Pension Liability, 6/30/2017	\$ 4,279,278,520	\$ 3,742,076,485	\$ 3,303,938,813

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

SECTION V - GASB 67 REPORTING INFORMATION

Note Disclosures

The table below shows the changes in the Total Pension Liability, the Plan Fiduciary Net Position (i.e., fair value of System assets), and the Net Pension Liability during the measurement year.

Table V-1 Change in Collective Net Pension Liability				
	Increase (Decrease)			
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability	
	(a)	(b)	(a) - (b)	
Balances at 6/30/2016	\$ 3,395,252,229	\$ 2,554,538,523	\$ 840,713,706	
Changes for the year:				
Service cost	77,134,575		77,134,575	
Interest	250,123,638		250,123,638	
Changes of benefits	0		0	
Differences between expected and actual experience	(42,042,601)		(42,042,601)	
Changes of assumptions	215,838,076		215,838,076	
Contributions - employer		121,990,986	(121,990,986)	
Contributions - member		20,319,910	(20,319,910)	
Net investment income		264,419,797	(264,419,797)	
Benefit payments	(154,229,432)	(154,229,432)	0	
Administrative expense		(5,732,988)	5,732,988	
Net changes	<u>346,824,256</u>	<u>246,768,272</u>	<u>100,055,984</u>	
Balances at 6/30/2017	<u>\$ 3,742,076,485</u>	<u>\$ 2,801,306,795</u>	<u>\$ 940,769,690</u>	

During the measurement year, the collective NPL increased by approximately \$100 million. The service cost, interest cost, changes in assumptions, and recognition of administrative expense increased the collective NPL by approximately \$549 million while contributions, investment income, and actuarial gains decreased the collective NPL by approximately \$449 million.

There were no changes in benefits during the year. There were actuarial experience gains during the year of approximately \$42 million. Changes in assumptions accounted for an increase in liability of approximately \$216 million.

Changes in the discount rate affect the measurement of the TPL. Lower discount rates produce a higher TPL and higher discount rates produce a lower TPL. Because the discount rate does not affect the measurement of assets, the percentage change in the NPL can be very significant for a relatively small change in the discount rate. The table on the next page shows the sensitivity of the collective NPL to the discount rate.

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SECTION V - GASB 67 REPORTING INFORMATION

Table V-2 Sensitivity of Collective Net Pension Liability to Changes in Discount Rate			
	1% Decrease 6.00%	Discount Rate 7.00%	1% Increase 8.00%
Total Pension Liability	\$ 4,279,278,520	\$ 3,742,076,485	\$ 3,303,938,813
Plan Fiduciary Net Position	<u>2,801,306,795</u>	<u>2,801,306,795</u>	<u>2,801,306,795</u>
Collective Net Pension Liability	<u>\$ 1,477,971,725</u>	<u>\$ 940,769,690</u>	<u>\$ 502,632,018</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	65.5%	74.9%	84.8%

A one percent decrease in the discount rate increases the TPL by approximately 14% and increases the collective NPL by approximately 57%. A one percent increase in the discount rate decreases the TPL by approximately 12% and decreases the collective NPL by approximately 47%.

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SECTION V - GASB 67 REPORTING INFORMATION

Required Supplementary Information

The schedules of Required Supplementary Information generally start with information as of the implementation of GASB 67, and eventually will build up to 10 years of information. The schedule below shows the changes in collective NPL and related ratios required by GASB for the three years since implementation.

Table V-3 Schedule of Changes in Collective Net Pension Liability and Related Ratios				
	FYE 2017	FYE 2016	FYE 2015	FYE 2014
<u>Total Pension Liability</u>				
Service cost (MOY)	\$ 77,134,575	\$ 71,218,683	\$ 70,056,133	\$ 66,696,324
Interest (includes interest on service cost)	250,123,638	241,733,937	231,804,221	220,238,560
Differences between expected and actual experience	(42,042,601)	(31,199,455)	(27,900,755)	0
Changes of assumptions*	215,838,076	0	0	0
Benefit payments, including refunds of member contributions	(154,229,432)	(146,657,716)	(137,771,219)	(131,100,585)
Net change in total pension liability	\$ 346,824,256	\$ 135,095,449	\$ 136,188,380	\$ 155,834,299
Total pension liability - beginning	3,395,252,229	3,260,156,781	3,123,968,401	2,968,134,102
Total pension liability - ending	\$ 3,742,076,485	\$ 3,395,252,229	\$ 3,260,156,781	\$ 3,123,968,401
<u>Plan fiduciary net position</u>				
Contributions - employer	\$ 121,990,986	\$ 122,748,021	\$ 123,612,352	\$ 119,227,652
Contributions - member	20,319,910	18,311,646	16,622,138	14,514,010
Net investment income	264,419,797	32,800,406	20,840,287	328,852,388
Benefit payments, including refunds of member contributions	(154,229,432)	(146,657,716)	(137,771,219)	(131,100,585)
Administrative expense	(5,732,988)	(5,192,807)	(4,404,342)	(4,288,603)
Net change in plan fiduciary net position	\$ 246,768,272	\$ 22,009,549	\$ 18,899,215	\$ 327,204,862
Plan fiduciary net position - beginning	2,554,538,523	2,532,528,974	2,513,629,759	2,186,424,897
Plan fiduciary net position - ending	\$ 2,801,306,795	\$ 2,554,538,523	\$ 2,532,528,974	\$ 2,513,629,759
Net pension liability - ending	\$ 940,769,690	\$ 840,713,706	\$ 727,627,806	\$ 610,338,642
Plan fiduciary net position as a percentage of the total pension liability	74.86%	75.24%	77.68%	80.46%
Covered payroll	\$ 341,097,962	\$ 328,934,766	\$ 319,547,370	\$ 307,421,818
Net pension liability as a percentage of covered payroll	275.81%	255.59%	227.71%	198.53%

* In 2017, amounts reported as changes in assumptions resulted primarily from changes to the assumed earnings rate from 7.5% to 7.0%, and from various adjustments to the demographic assumptions.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION V - GASB 67 REPORTING INFORMATION

Because an Actuarially Determined Contribution (ADC) has been calculated historically, the full 10 years of information in the following schedule is required.

Table V-4 Schedule of Collective Employer Contributions										
	FYE 2017	FYE 2016	FYE 2015	FYE 2014	FYE 2013	FYE 2012	FYE 2011	FYE 2010	FYE 2009	FYE 2008
Actuarially Determined Contribution	\$ 121,990,986	\$ 122,748,021	\$ 123,612,352	\$ 119,227,652	\$ 110,582,703	\$ 108,764,094	\$ 94,436,686	\$ 84,647,133	\$ 75,902,140	\$ 69,460,616
Contributions in Relation to the Actuarially Determined Contribution	121,990,986	122,748,021	123,612,352	119,227,652	110,582,703	108,764,094	94,436,686	84,647,133	75,902,140	69,460,616
Contribution Deficiency/(Excess)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Covered Payroll*	\$ 341,097,962	\$ 328,934,766	\$ 319,547,370	\$ 307,421,818	\$ 302,708,314	\$ 305,757,679	\$ 306,963,226	\$ 306,524,117	\$ 307,263,503	\$ 294,163,067
Contributions as a Percentage of Covered Payroll	35.76%	37.32%	38.68%	38.78%	36.53%	35.57%	30.76%	27.62%	24.70%	23.61%

* Covered Payroll was based on actual pensionable payroll provided by SBCERS for FYE 2015 and after. In years prior to FYE 2015, payroll was based on payroll reported in the actuarial valuation data.

The notes below summarize the key methods and assumptions used to determine the ADC for FYE 2017.

Notes to Schedule

Valuation Date 6/30/2015
Timing Actuarially determined contribution rates are calculated based on the actuarial valuation one year prior to the beginning of the plan year

Key Methods and Assumptions Used to Determine Contribution Rates:

Actuarial cost method Entry Age
Asset valuation method Market value
Amortization method As of the June 30, 2013 actuarial valuation, the unfunded actuarial liability was amortized over a closed 17-year period as a level percentage of payroll, except for the Safety Plan 6 liability, which is amortized over a separate closed period (currently 13 years). Effective with the June 30, 2014 valuation, any additional sources of UAL due to actuarial gains and losses, assumptions changes, or method changes are amortized over a closed 19-year period, with a 5-year ramp up period at the beginning of the period, a 4-year ramp down at the end of the period, and 10 years of level payments as a percentage of payroll.

Discount rate 7.50%, net of investment expenses
Amortization growth rate 3.50%
Price inflation 3.00%
Salary increases 3.50% plus merit component based on employee classification and years of service
Mortality Sex distinct RP-2000 Combined Mortality Tables, with generational improvements using Scale BB

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2017 can be found in the June 30, 2015 actuarial valuation report.



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SECTION VI - GASB 68 COLLECTIVE INFORMATION

Employers that participate in SBCERS are required to implement GASB 68 for their first fiscal year that commenced after June 15, 2014. The amounts reported as of their fiscal year end (their reporting date) must be based on a measurement date up to 12 months prior to their reporting date. Assuming past practice continues, for employers with a reporting date of June 30, their 2017 disclosures will be based on the June 30, 2016 measurement dates. Similarly, their 2018 disclosures will be based on the June 30, 2017 measurement dates.

We understand that employers participating in SBCERS elected to implement GASB 68 based on the 2014 measurement date. As a result, the GASB schedules are based on deferred inflows and outflows equal to \$0 as of June 30, 2013.

Because SBCERS is a cost-sharing multiple-employer pension plan, each employer participating in SBCERS must reflect a portion of the collective Net Pension Liability, Pension Expense and Deferred Outflows and Inflows in their financial statements. This section develops the collective amounts that are allocated to participating employers.

The impact of experience gains or losses and assumption changes on the TPL are recognized in expense over the average expected remaining service life of all active and inactive members of SBCERS. As of the measurement date, this recognition period was five years.

During the year, there was an experience gain of approximately \$42.0 million. Approximately \$8.4 million of that gain was recognized as a reduction in collective pension expense in the current year and an identical amount will be recognized in each of the next four years. Unrecognized gains from prior years were approximately \$41.7 million, of which \$11.8 million was recognized as a reduction in collective pension expense in the current year. The unrecognized experience gains for all years results in a deferred inflow of resources as of June 30, 2017 of approximately \$63.5 million.

During the measurement year, there was a loss resulting from changes to the assumptions of \$215.8 million. Approximately \$43.2 million of that loss was recognized as an increase in collective pension expense in the current year, with the remaining resulting in a collective deferred outflow of as of June 30, 2017 of approximately \$172.7 million

The impact of investment gains or losses is recognized over a period of five years. During the measurement year, there was an investment gain of approximately \$86.2 million. Approximately \$17.2 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 periods were approximately \$160.0 million of which \$31.9 million was recognized as an increase in collective pension expense in the current year. The combination of unrecognized investment gains this year and unrecognized net investment losses from prior periods results in a collective deferred outflow of resources as of June 30, 2017 of approximately \$59.1 million.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VI - GASB 68 COLLECTIVE INFORMATION

The table below summarizes the current balances of collective deferred outflows and deferred inflows of resources along with the net recognition over the next five years.

Table VI-1		
Schedule of Collective Deferred Inflows and Outflows of Resources		
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 0	\$ 63,514,056
Changes in assumptions	172,670,461	0
Net difference between projected and actual earnings on pension plan investments	59,135,542	0
Total	\$ 231,806,003	\$ 63,514,056
Amounts reported as deferred outflows and deferred inflows of resources will be recognized in pension expense as follows:		
Year ended June 30:		
2018	37,581,403	
2019	70,567,641	
2020	42,625,698	
2021	17,517,204	
2022	0	
Thereafter \$	0	

The collective annual pension expense recognized by the participating employers can be calculated two different ways. First, it is the change in the amounts reported on the participating employers' Statements of Net Position that relate to SBCERS and are not attributable to employer contributions. That is, it is the change in collective NPL plus the changes in collective deferred outflows and inflows plus participating employer contributions.

Alternatively, annual pension expense can be calculated by its individual components. While GASB does not require or suggest the organization of the individual components shown in the table on the following page, we believe it helps to understand the level and volatility of the collective pension expense.

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SECTION VI - GASB 68 COLLECTIVE INFORMATION

Table VI-2 Calculation of Collective Pension Expense		
	Measurement Year Ending 2017	2016
Change in Net Pension Liability	\$ 100,055,984	\$ 113,085,900
Change in Deferred Outflows	(71,818,655)	(124,857,684)
Change in Deferred Inflows	21,814,039	19,379,413
Employer Contributions	<u>121,990,986</u>	<u>122,748,021</u>
Pension Expense	\$ 172,042,353	\$ 130,355,650
Pension Expense as % of Payroll	50.44%	39.63%
Operating Expenses		
Service cost	\$ 77,134,575	\$ 71,218,683
Employee contributions	(20,319,910)	(18,311,646)
Administrative expenses	<u>5,732,988</u>	<u>5,192,807</u>
Total	\$ 62,547,653	\$ 58,099,844
Financing Expenses		
Interest cost	\$ 250,123,638	\$ 241,733,937
Expected return on assets	<u>(178,210,342)</u>	<u>(189,542,331)</u>
Total	\$ 71,913,296	\$ 52,191,606
Changes		
Benefit changes	\$ 0	\$ 0
Recognition of assumption changes	43,167,615	0
Recognition of liability gains and losses	(20,228,562)	(11,820,042)
Recognition of investment gains and losses	<u>14,642,351</u>	<u>31,884,242</u>
Total	\$ 37,581,404	\$ 20,064,200
Pension Expense	\$ 172,042,353	\$ 130,355,650

First, there are components referred to as operating expenses. These are items directly attributable to the operation of the plan during the measurement year. Service cost less employee contributions represents the increase in employer-provided benefits attributable to the year, and administrative expenses are the cost of operating SBCERS for the year.

Second, there are the financing expenses: the interest on the Total Pension Liability less the expected return on assets. Since the discount rate is equal to the long-term expected return on assets, the financing expense is the interest on the Net Pension Liability, adjusted for cash flow timing.

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SECTION VI - GASB 68 COLLECTIVE INFORMATION

The final category is changes. This category will drive most of the volatility in pension expense from year to year. It includes any changes in benefits made during the year and the recognized amounts due to assumption changes, gains or losses on the TPL, and investment gains or losses.

The total collective pension expense increased from the prior year by about \$41.7 million. The recognition of the changes to plan assumptions is approximately \$43.2 million, which accounts for most of the increase in pension expense.

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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

Proportionate Shares

GASB 68 requires that the proportionate share for each employer be determined based on the “employer’s projected long-term contribution effort to the pension ... as compared to the total projected long-term contribution effort of all employers ...” Although not required as part of SBCERS’s GASB 67 reporting requirements, SBCERS is following the advice of the AICPA¹ and making a determination of each employer’s proportionate share, which will be reviewed by SBCERS’s auditor.

Proportionate shares for each participating employer are determined based on the ratio of each participating employer’s assigned Unfunded Liability amortization payments to SBCERS during the measurement year to the sum of the actual Unfunded Liability amortization payments for all participating employers. Separate amortization rates are used for General, Safety, and APCD employees. In Table VII-1a on the next page, each employer’s amortization share as of June 30, 2017 is determined by multiplying the actual pensionable payroll for the current fiscal year by the employer’s amortization rate from the most recent actuarial valuation report (the report as of June 30, 2016). The same methodology is used for calculating proportionate shares of June 30, 2016.

¹ http://www.aicpa.org/interestareas/governmentalauditquality/resources/gasbmatters/downloadabledocuments/aicpaslgep_cs_er_reporting_whitepaper.pdf

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GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

**Table VII-1a
Determination of Employers' Proportionate Share (as of June 30, 2017)**

Employer	Unfunded Liability Amortization Rate (from the June 30, 2016 Actuarial Valuation)			Pensionable Payroll			Amortization Share (Rate x Pay)	Proportionate Share
	Safety Plan 4	Safety Plan 6	General	Safety Plan 4	Safety Plan 6	General		
Santa Barbara County	28.55%	32.53%	18.21%	\$ 53,143,897	\$ 34,750,207	229,053,636	\$ 68,187,492	93.1085%
Courts			18.21%	0	0	13,893,235	2,529,958	3.4546%
Carp-Summerland Fire	28.55%		18.21%	2,964,789	0	349,688	910,126	1.2428%
Air Pollution Control			28.57%	0	0	3,306,305	944,611	1.2898%
SBC Assoc of Govts			18.21%	0	0	1,951,211	355,316	0.4852%
Santa Maria Cemetery			18.21%	0	0	343,598	62,569	0.0854%
Summerland Sanitary			18.21%	0	0	347,798	63,334	0.0865%
Mosq Vector Mgmt			18.21%	0	0	407,205	74,152	0.1013%
Goleta Cemetery			18.21%	0	0	275,831	50,229	0.0686%
Oak Hill Cemetery			18.21%	0	0	171,205	31,176	0.0426%
Carpinteria Cemetery			18.21%	0	0	139,356	25,377	0.0347%
Total				\$ 56,108,687	\$ 34,750,207	\$ 250,239,068	\$ 73,234,340	100.0000%

**Table VII-1b
Determination of Employers' Proportionate Share (as of June 30, 2016)**

Employer	Unfunded Liability Amortization Rate (from the June 30, 2015 Actuarial Valuation)			Pensionable Payroll			Amortization Share (Rate x Pay)	Proportionate Share
	Safety Plan 4	Safety Plan 6	General	Safety Plan 4	Safety Plan 6	General		
Santa Barbara County	25.99%	29.50%	17.00%	\$ 47,964,794	\$ 35,966,484	220,548,252	\$ 60,569,366	92.7824%
Courts			17.00%	0	0	14,108,736	2,398,485	3.6741%
Carp-Summerland Fire	25.99%		17.00%	3,078,612	0	343,425	858,513	1.3151%
Air Pollution Control			25.32%	0	0	3,336,095	844,699	1.2939%
SBC Assoc of Govts			17.00%	0	0	1,928,739	327,886	0.5023%
Santa Maria Cemetery			17.00%	0	0	336,886	57,271	0.0877%
Summerland Sanitary			17.00%	0	0	337,744	57,416	0.0880%
Mosq Vector Mgmt			17.00%	0	0	415,307	70,602	0.1082%
Goleta Cemetery			17.00%	0	0	277,794	47,225	0.0723%
Oak Hill Cemetery			17.00%	0	0	156,669	26,634	0.0408%
Carpinteria Cemetery			17.00%	0	0	135,228	22,989	0.0352%
Total				\$ 51,043,406	\$ 35,966,484	\$ 241,924,876	\$ 65,281,086	100.0000%

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below shows the proportionate share of the collective NPL (under three discount rates), the collective deferred outflows, the collective deferred inflows, and the collective pension expense allocated to each participating employer as of June 30, 2017.

Table VII-2 Schedule of Employers' Proportionate Share of Collective Amounts at June 30, 2017							
Employer	Proportionate Share	Share of NPL @ 6.00%	Share of NPL @ 7.00%	Share of NPL @ 8.00%	Share of Deferred Outflows	Share of Deferred Inflows	Pension Expense
Santa Barbara County	93.1085%	\$ 1,376,117,303	\$ 875,936,547	\$ 467,993,133	\$ 215,831,092	\$ 59,136,984	\$ 160,186,054
Courts	3.4546%	51,058,011	32,499,830	17,363,926	8,007,970	2,194,157	5,943,375
Carp-Summerland Fire	1.2428%	18,368,233	11,691,886	6,246,711	2,880,885	789,353	2,138,142
Air Pollution Control	1.2898%	19,062,879	12,134,047	6,482,948	2,989,834	819,204	2,219,002
SBC Assoc of Govts	0.4852%	7,171,119	4,564,615	2,438,771	1,124,723	308,170	834,749
Santa Maria Cemetery	0.0854%	1,262,188	803,417	429,248	197,962	54,241	146,924
Summerland Sanitary	0.0865%	1,278,446	813,766	434,777	200,512	54,940	148,817
Mosq Vector Mgmt	0.1013%	1,497,185	953,000	509,166	234,819	64,340	174,279
Goleta Cemetery	0.0686%	1,013,889	645,368	344,806	159,019	43,571	118,021
Oak Hill Cemetery	0.0426%	629,616	400,768	214,121	98,749	27,057	73,290
Carpinteria Cemetery	0.0347%	512,856	326,447	174,413	80,437	22,039	59,699
Total	100.0000%	\$ 1,477,971,725	\$ 940,769,690	\$ 502,632,018	\$ 231,806,003	\$ 63,514,056	\$ 172,042,353

The proportionate share allocated to each individual employer will change on each measurement date. The net effect of the change in proportion on the share of the collective NPL, collective deferred outflows, and collective deferred inflows allocated to each employer becomes a deferred outflow or inflow for that employer and is recognized over the average future working life of SBCERS's active and inactive members (five years).

Similarly, the difference between each employer's actual contributions and the employer's proportionate share of collective employer contributions becomes a deferred outflow or inflow for that employer and is recognized over the average future working life of SBCERS's active and inactive members (five years).

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below shows the change in proportion and the impact of that change in proportion on the proportionate share of the collective NPL, collective deferred outflows, and collective deferred inflows. It also shows any contribution differences.

Table VII-3 Schedule of Employers' Changes in Proportion and Contribution Differences									
Employer	Proportionate Shares		Impact of Change in Proportion				Contributions		
	6/30/2016	6/30/2017	Net Pension Liability	Deferred Outflows	Deferred Inflows	Net Effect	Actual	Proportionate Share	Difference
Santa Barbara County	92.7824%	93.1085%	\$ 2,741,567	\$ 521,719	\$ (135,984)	\$ 2,355,832	\$ 113,544,384	\$ 113,583,977	\$ (39,593)
Courts	3.6741%	3.4546%	(1,845,367)	(351,172)	91,532	(1,585,726)	4,464,827	4,214,301	250,526
Carp-Summerland Fire	1.3151%	1.2428%	(607,836)	(115,671)	30,149	(522,314)	1,558,113	1,516,104	42,009
Air Pollution Control	1.2939%	1.2898%	(34,469)	(6,559)	1,710	(29,619)	1,267,652	1,573,440	(305,788)
SBC Assoc of Govts	0.5023%	0.4852%	(143,762)	(27,358)	7,131	(123,535)	633,668	591,900	41,768
Santa Maria Cemetery	0.0877%	0.0854%	(19,336)	(3,680)	959	(16,616)	105,976	104,180	1,796
Summerland Sanitary	0.0880%	0.0865%	(12,611)	(2,400)	626	(10,836)	108,337	105,522	2,815
Mosq Vector Mgmt	0.1082%	0.1013%	(58,009)	(11,039)	2,877	(49,847)	134,751	123,577	11,174
Goleta Cemetery	0.0723%	0.0686%	(31,106)	(5,920)	1,543	(26,730)	82,585	83,686	(1,101)
Oak Hill Cemetery	0.0408%	0.0426%	15,133	2,880	(751)	13,004	49,120	51,968	(2,848)
Carpinteria Cemetery	0.0352%	0.0347%	(4,204)	(800)	209	(3,612)	41,573	42,331	(758)
Total	100.0000%	100.0000%	\$ 0	\$ 0	\$ 0	\$ 0	\$ 121,990,986	\$ 121,990,986	\$ 0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below shows the reconciliation of deferred outflows and inflows due to proportion changes for each participating employer from the prior measurement date to the current measurement date.

Table VII-4 Reconciliation of Deferred Outflows and Inflows Due to Proportion Change									
Employer	Deferred Outflows				Deferred Inflows				
	6/30/2016	Current Year Net Effect	Recognition	6/30/2017	6/30/2016	Current Year Net Effect	Recognition	6/30/2017	
Santa Barbara County	\$ 1,692,744	\$ 2,355,832	\$ 1,185,735	\$ 2,862,841	\$ (110,368)	\$ 0	\$ (27,592)	\$ (82,776)	
Courts	0	0	0	0	(1,770,038)	(1,585,726)	(1,025,939)	(2,329,825)	
Carp-Summerland Fire	0	0	0	0	(614,044)	(522,314)	(306,992)	(829,366)	
Air Pollution Control	809,185	0	218,960	590,224	(13,806)	(29,619)	(10,526)	(32,900)	
SBC Assoc of Govts	66,533	0	26,677	39,856	(35,184)	(123,535)	(36,435)	(122,284)	
Santa Maria Cemetery	0	0	0	0	(101,015)	(16,616)	(41,256)	(76,375)	
Summerland Sanitary	0	0	0	0	(43,772)	(10,836)	(19,578)	(35,030)	
Mosq Vector Mgmt	115,972	0	43,820	72,152	(6,290)	(49,847)	(11,542)	(44,596)	
Goleta Cemetery	19,177	0	7,397	11,779	(4,454)	(26,730)	(6,831)	(24,353)	
Oak Hill Cemetery	10,837	13,004	7,170	16,671	(12,009)	0	(3,002)	(9,007)	
Carpinteria Cemetery	10,258	0	4,089	6,169	(13,725)	(3,612)	(4,154)	(13,183)	
Total	\$ 2,724,705	\$ 2,368,836	\$ 1,493,848	\$ 3,599,692	\$ (2,724,705)	\$ (2,368,836)	\$ (1,493,847)	\$ (3,599,693)	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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The table below shows the reconciliation of deferred outflows and inflows due to proportion changes for each participating employer from the prior measurement date to the current measurement date.

Table VII-5 Reconciliation of Deferred Outflows and Inflows Due to Contribution Differences									
Employer	Deferred Outflows				Deferred Inflows				
	6/30/2016	Current Year Difference	Recognition	6/30/2017	6/30/2016	Current Year Difference	Recognition	6/30/2017	
Santa Barbara County	\$ 506,311	\$ 0	\$ 166,226	\$ 340,085	\$ 0	\$ (39,593)	\$ (7,919)	\$ (31,675)	
Courts	53,915	250,526	63,584	240,858	(41,978)	0	(20,214)	(21,764)	
Carp-Summerland Fire	34,556	42,009	22,068	54,497	0	0	0	0	
Air Pollution Control	0	0	0	0	(525,285)	(305,788)	(223,082)	(607,991)	
SBC Assoc of Govts	8,516	41,768	10,483	39,801	(6,597)	0	(2,832)	(3,765)	
Santa Maria Cemetery	0	1,796	359	1,437	(7,160)	0	(2,391)	(4,768)	
Summerland Sanitary	0	2,815	563	2,252	(12,115)	0	(4,110)	(8,005)	
Mosq Vector Mgmt	2,314	11,174	2,813	10,675	(1,926)	0	(774)	(1,152)	
Goleta Cemetery	0	0	0	0	(4,893)	(1,101)	(1,988)	(4,006)	
Oak Hill Cemetery	650	0	162	487	(3,398)	(2,848)	(1,726)	(4,521)	
Carpinteria Cemetery	0	0	0	0	(2,910)	(758)	(1,223)	(2,445)	
Total	\$ 606,262	\$ 350,088	\$ 266,259	\$ 690,091	\$ (606,262)	\$ (350,088)	\$ (266,259)	\$ (690,091)	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below summarizes the deferred outflows allocated to each employer for experience, assumption changes, investment returns, proportion changes, and contribution differences.

Table VII-6 Schedule of Employers' Deferred Outflows at June 30, 2017							
Employer	Proportionate Shares	Experience	Assumption Changes	Investment Return	Proportion Change	Contribution Difference	
Santa Barbara County	93.1085%	\$ 0	\$ 160,770,876	\$ 55,060,216	\$ 2,862,841	\$ 340,085	
Courts	3.4546%	0	5,965,074	2,042,896	0	240,858	
Carp-Summerland Fire	1.2428%	0	2,145,948	734,937	0	54,497	
Air Pollution Control	1.2898%	0	2,227,104	762,730	590,224	0	
SBC Assoc of Govts	0.4852%	0	837,797	286,926	39,856	39,801	
Santa Maria Cemetery	0.0854%	0	147,461	50,502	0	1,437	
Summerland Sanitary	0.0865%	0	149,360	51,152	0	2,252	
Mosq Vector Mgmt	0.1013%	0	174,915	59,904	72,152	10,675	
Goleta Cemetery	0.0686%	0	118,452	40,567	11,779	0	
Oak Hill Cemetery	0.0426%	0	73,558	25,192	16,671	487	
Carpinteria Cemetery	0.0347%	0	59,917	20,520	6,169	0	
Total	100.0000%	\$ 0	\$ 172,670,461	\$ 59,135,542	\$ 3,599,692	\$ 690,091	

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The table below summarizes the deferred inflows allocated to each employer for experience, assumption changes, investment returns, proportion changes, and contribution differences.

Table VII-7 Schedule of Employers' Deferred Inflows at June 30, 2017							
Employer	Proportionate Shares	Experience	Assumption Changes	Investment Return	Proportion Change	Contribution Difference	
Santa Barbara County	93.1085%	\$ 59,136,984	\$ 0	\$ 0	\$ 82,776	\$ 31,675	
Courts	3.4546%	2,194,157	0	0	2,329,825	21,764	
Carp-Summerland Fire	1.2428%	789,353	0	0	829,366	0	
Air Pollution Control	1.2898%	819,204	0	0	32,900	607,991	
SBC Assoc of Govts	0.4852%	308,170	0	0	122,284	3,765	
Santa Maria Cemetery	0.0854%	54,241	0	0	76,375	4,768	
Summerland Sanitary	0.0865%	54,940	0	0	35,030	8,005	
Mosq Vector Mgmt	0.1013%	64,340	0	0	44,596	1,152	
Goleta Cemetery	0.0686%	43,571	0	0	24,353	4,006	
Oak Hill Cemetery	0.0426%	27,057	0	0	9,007	4,521	
Carpinteria Cemetery	0.0347%	22,039	0	0	13,183	2,445	
Total	100.0000%	\$ 63,514,056	\$ 0	\$ 0	\$ 3,599,693	\$ 690,091	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below shows the net amount of deferred outflows and inflows to be recognized by each participating employer in each of the next five years and the total thereafter.

Table VII-8						
Schedule of Employers' Recognition of Deferred Outflows and Inflows at June 30, 2017						
Employer	Recognition for Measurement Year Ending					
	2018	2019	2020	2021	2022	Thereafter
Santa Barbara County	\$ 36,307,932	\$ 66,515,820	\$ 40,185,577	\$ 16,773,254	\$ 0	\$ 0
Courts	315,718	1,884,595	1,164,660	338,109	0	0
Carp-Summerland Fire	182,138	670,696	342,186	121,643	0	0
Air Pollution Control	470,078	903,057	587,973	158,855	0	0
SBC Assoc of Govts	180,237	322,827	198,457	68,640	0	0
Santa Maria Cemetery	(11,194)	38,190	25,023	11,996	0	0
Summerland Sanitary	9,382	47,623	34,237	13,548	0	0
Mosq Vector Mgmt	72,387	90,711	34,451	10,010	0	0
Goleta Cemetery	24,359	42,726	25,333	6,451	0	0
Oak Hill Cemetery	18,614	29,865	17,350	9,493	0	0
Carpinteria Cemetery	11,754	21,529	10,451	5,204	0	0
Total	\$ 37,581,404	\$ 70,567,639	\$ 42,625,698	\$ 17,517,204	\$ 0	\$ 0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below shows the calculation of the pension expense for each participating employer. The calculation is shown first as the sum of the proportionate share of the collective pension expense and the amounts recognized for proportion changes and contribution differences. The right side of the table shows the calculation as the sum of the changes in NPL and deferred amounts not attributable to contributions.

Table VII-9 Schedule of Employers' Pension Expense for the Measurement Year Ending June 30, 2017									
Employer	Collective			Employer Pension Expense	Change in Employer			Employer Contributions	Employer Pension Expense
	Pension Expense	Change in Proportion	Contribution Difference		Net Pension Liability	Deferred Outflows	Deferred Inflows		
Santa Barbara County	\$ 160,186,054	\$ 1,158,143	\$ 158,307	\$ 161,502,505	\$ 95,902,193	\$ (68,394,863)	\$ 20,450,791	\$ 113,544,384	\$ 161,502,505
Courts	5,943,375	(1,025,939)	43,370	4,960,806	1,611,167	(2,316,817)	1,201,629	4,464,827	4,960,806
Carp-Summerland Fire	2,138,142	(306,992)	22,068	1,853,219	635,660	(796,832)	456,278	1,558,113	1,853,219
Air Pollution Control	2,219,002	208,434	(223,082)	2,204,355	1,256,053	(700,797)	381,447	1,267,652	2,204,355
SBC Assoc of Govts	834,749	(9,758)	7,651	832,642	341,710	(325,715)	182,979	633,668	832,642
Santa Maria Cemetery	146,924	(41,256)	(2,032)	103,636	66,111	(59,090)	(9,362)	105,976	103,636
Summerland Sanitary	148,817	(19,578)	(3,547)	125,691	73,938	(61,975)	5,392	108,337	125,691
Mosq Vector Mgmt	174,279	32,278	2,039	208,596	43,347	(26,254)	56,752	134,751	208,596
Goleta Cemetery	118,021	567	(1,988)	116,599	37,532	(35,951)	32,433	82,585	116,599
Oak Hill Cemetery	73,290	4,167	(1,563)	75,894	57,757	(39,146)	8,164	49,120	75,894
Carpinteria Cemetery	59,699	(65)	(1,223)	58,412	30,516	(20,032)	6,355	41,573	58,412
Total	\$ 172,042,353	\$ 1	\$ 0	\$ 172,042,354	\$ 100,055,984	\$ (72,777,472)	\$ 22,772,856	\$ 121,990,986	\$ 172,042,354

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
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SECTION VII - GASB 68 REPORTING INFORMATION FOR PARTICIPATING EMPLOYERS

The table below summarizes the information needed for each employer's schedules of required supplementary information.

Table VII-10 Schedule of Employers' RSI Information at June 30, 2017										
Employer	Proportionate Shares	Proportionate Share of NPL	Covered Payroll	Share of NPL as a % of Payroll	Plan Fiduciary Net Position as % of TPL	Contractually Required Contribution	Actual Contributions	Contribution Deficiency	Contributions as a % of Payroll	
Santa Barbara County	93.1085%	\$ 875,936,547	\$ 316,947,740	276.4%	74.9%	\$ 113,544,384	\$ 113,544,384	\$ 0	35.8%	
Courts	3.4546%	32,499,830	13,893,235	233.9%	74.9%	4,464,827	4,464,827	0	32.1%	
Carp-Summerland Fire	1.2428%	11,691,886	3,314,478	352.8%	74.9%	1,558,113	1,558,113	0	47.0%	
Air Pollution Control	1.2898%	12,134,047	3,306,305	367.0%	74.9%	1,267,652	1,267,652	0	38.3%	
SBC Assoc of Govts	0.4852%	4,564,615	1,951,211	233.9%	74.9%	633,668	633,668	0	32.5%	
Santa Maria Cemetery	0.0854%	803,417	343,598	233.8%	74.9%	105,976	105,976	0	30.8%	
Summerland Sanitary	0.0865%	813,766	347,798	234.0%	74.9%	108,337	108,337	0	31.1%	
Mosq Vector Mgmt	0.1013%	953,000	407,205	234.0%	74.9%	134,751	134,751	0	33.1%	
Goleta Cemetery	0.0686%	645,368	275,831	234.0%	74.9%	82,585	82,585	0	29.9%	
Oak Hill Cemetery	0.0426%	400,768	171,205	234.1%	74.9%	49,120	49,120	0	28.7%	
Carpinteria Cemetery	0.0347%	326,447	139,356	234.3%	74.9%	41,573	41,573	0	29.8%	
Total	100.0000%	\$ 940,769,690	\$ 341,097,962	275.8%	74.9%	\$ 121,990,986	\$ 121,990,986	\$ 0	35.8%	

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

APPENDIX A - MEMBERSHIP INFORMATION

SBCERS Membership - Active Members as of June 30, 2016

General Members	Count	Annual Salary*	Average Age	Average Monthly Salary*	Average Vesting Service
Plan 2	9	\$612,000	57.3	\$5,667	28.3
Plan 5A	559	\$44,516,000	55.2	\$6,636	25.3
Plan 5B	373	\$38,500,000	48.7	\$8,601	12.6
Plan 5C	1,445	\$96,513,000	47.2	\$5,566	12.6
Plan 7	99	\$7,679,000	39.5	\$6,464	7.0
PEPRA	<u>909</u>	<u>\$53,910,000</u>	36.7	\$4,942	1.4
Total	3,394	\$241,729,000	45.7	\$5,935	11.6
APCD Members					
Plan 1	8	\$696,000	56.0	\$7,250	26.8
Plan 2	20	\$1,643,000	40.5	\$6,846	8.5
PEPRA	<u>10</u>	<u>\$641,000</u>	30.3	\$5,342	1.6
Total	38	\$2,980,000	41.1	\$6,535	10.5
Safety Members					
Plan 4A	57	\$6,896,000	52.8	\$10,082	23.1
Plan 4B	13	\$1,626,000	50.6	\$10,423	22.8
Plan 4C	333	\$31,685,000	43.2	\$7,929	14.0
Plan 6A	71	\$7,749,000	51.2	\$9,095	26.5
Plan 6B	295	\$27,193,000	42.4	\$7,682	12.7
PEPRA	<u>147</u>	<u>\$10,893,000</u>	32.1	\$6,175	1.7
Total	916	\$86,042,000	42.5	\$7,828	13.2
Total Active Members	4,348	\$330,751,000	44.9	\$6,339	11.9

* Based on salary data provided in the June 30, 2016 valuation data for FYE 2016.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

APPENDIX A - MEMBERSHIP INFORMATION

SBCERS Membership – Deferred Vested Members as of June 30, 2016

General Members	Count	Average Age
Plan 2	23	56.9
Plan 5A	199	55.1
Plan 5B	450	48.4
Plan 5C	311	43.5
Plan 7	33	37.1
PEPRA	<u>137</u>	36.4
Total	1153	46.7
APCD Members		
Plan 1	8	54.3
Plan 2	8	44.3
PEPRA	<u>2</u>	38.0
Total	18	48.0
Safety Members		
Plan 4A	7	48.6
Plan 4B	53	48.4
Plan 4C	35	41.8
Plan 6A	36	53.0
Plan 6B	56	38.8
PEPRA	<u>33</u>	32.8
Total	220	42.7
Total Deferred Vested	1,391	46.0

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

APPENDIX A - MEMBERSHIP INFORMATION

SBCERS Membership – Retired Members as of June 30, 2016

	Count	Monthly Allowances	Average Monthly Benefit
General Members			
Healthy	2,625	\$6,717,000	\$2,559
Disabled	124	263,000	2,121
Beneficiaries	382	557,000	1,458
Total	3,131	\$7,537,000	\$2,407
APCD Members			
Healthy	54	\$166,000	\$3,074
Disabled	0	0	0
Beneficiaries	6	13,000	2,167
Total	60	\$179,000	\$2,983
Safety Members			
Healthy	719	\$3,951,000	\$5,495
Disabled	119	442,000	3,714
Beneficiaries	142	364,000	2,563
Total	980	\$4,757,000	\$4,854
Total Retired Members	4,171	\$12,473,000	\$2,990

Please refer to the June 30, 2016 actuarial valuation report for a more complete summary of the data.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

APPENDIX B - ACTUARIAL ASSUMPTIONS AND METHODS

A summary of the actuarial assumptions and methods used to calculate the Total Pension Liability as of June 30, 2017 is provided below, including any assumptions that differ from those used in the June 30, 2016 actuarial valuation. Please refer to the June 30, 2016 actuarial valuation report for a complete description of all other assumptions. The assumptions used in this report and the June 30, 2016 actuarial valuation report reflect the results of the Experience Analysis covering the period July 1, 2013 through June 30, 2016.

Key Actuarial Assumptions

Expected Return on Assets 7.00 percent net of investment expenses as of July 1, 2016

Discount Rate 7.00 percent as of July 1, 2016

Administrative Expenses Administrative expenses are assumed to be \$5.1 million for the fiscal year ending June 30, 2017, to be split between employees and employers based on their share of the overall contributions. Administrative expenses are assumed to increase by the assumed wage inflation of 3.00% each year.

Basic COLA The cost of living as measured by the Consumer Price Index (CPI) will increase at the rate of 2.75% per year.

Post Retirement COLA Benefits are assumed to increase after retirement at the rate of 2.60% per year for General Plans 5, Safety Plans 4, 6 and 8 (PEPRA), and APCD Plans 1 and 2; 1.90% per year for General Plans 7 and APCD Plan 8 (PEPRA), and 0% per year for General Plan 2.

For General Plan 8 (PEPRA), benefits are assumed to increase at the rate of 19.0% per year if their employer had implemented General Plan 7 prior to January 1, 2013. Otherwise, benefits are assumed to increase at the rate of 2.60% per year.

APPENDIX B - ACTUARIAL ASSUMPTIONS AND METHODS

Contribution Allocation Procedure

The contribution allocation procedure primarily consists of an actuarial cost method, an asset smoothing method, and an amortization method as described below.

1. Actuarial Cost Method

The actuarial valuation is prepared using the entry age actuarial cost method (CERL 31453.5). Under the principles of this method, the actuarial present value of the projected benefits of each individual included in the valuation is allocated as a level percentage of the individual's projected compensation between entry age and assumed exit (until maximum retirement age). For members who transferred between plans, entry age is based on original entry into the system. The normal cost for the Plan is based on the sum of the individual normal costs for each member (Individual Entry Age Method).

2. Asset Valuation Method

As of June 30, 2014, the market value of assets is used to determine the System's UAL. The actuarial value of assets is no longer applicable.

3. Amortization Method

The UAL (or Surplus Funding) is amortized as a percentage of the projected salaries of present and future members of SBCERS. Effective with the June 30, 2013 valuation, the UAL as of June 30, 2013 is amortized over a closed 17-year period, except for the additional UAL attributable to the creation of Safety Plan 6, which is being amortized over a separate closed period (12 years as of June 30, 2016). Effective with the June 30, 2014 valuation, any new sources of UAL due to actuarial gains and losses, assumption changes, or method changes is amortized over a closed 19-year period, with five-year ramp up period at the beginning of the period, a four-year ramp down at the end of the period, and ten years of level payments as a percentage of payroll. This new method is a type of direct rate smoothing method.

4. Contributions

The employer (County or District) contributes to the retirement fund a percentage of the total compensation provided for all members based on an actuarial investigation, valuation, and recommendation of the actuary.

**SANTA BARBARA COUNTY EMPLOYEES' RETIREMENT SYSTEM
GASB 67 AND 68 REPORTING AS OF JUNE 30, 2017**

APPENDIX C - SUMMARY OF PLAN PROVISIONS

The plan provisions are the same as those summarized in the June 30, 2016 actuarial valuation report.

APPENDIX D - 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 68, these are experience gains on the Total Pension Liability, assumption changes reducing the Total Pension 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 68, these are experience losses on the Total Pension Liability, assumption changes increasing the Total Pension Liability, or investment losses that are recognized in future reporting periods.

5. Entry Age Actuarial Cost Method

The actuarial cost method required for GASB 67 and 68 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 Pension Liability.

6. Measurement Date

The date as of which the Total Pension Liability and Plan Fiduciary Net Position are measured. The Total Pension 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 D - GLOSSARY OF TERMS

7. Net Pension Liability

The liability of employers and nonemployer contributing entities to employees for benefits provided through a defined benefit pension plan. It is calculated as the Total Pension Liability less the Plan Fiduciary Net Position. The Net Pension Liability is not appropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling SBCERS's benefit obligations in the event of a plan termination or other similar action. However, it is an appropriate measure for assessing the need for or the amount of future contributions.

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 67 and 68. The Service Cost is the normal cost calculated under the entry age actuarial cost method.

11. Total Pension 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 67 and 68. The Total Pension Liability is the actuarial liability calculated under the entry age actuarial cost method. This measure generally is not appropriate for estimating the cost to settle the Plan's liabilities.



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