

Merced County Employees' Retirement Association

Actuarial Valuation Report as of June 30, 2025

Produced by Cheiron

February 2026

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February 20, 2026

Retirement Board of
Merced County Employees' Retirement Association
690 W. 19th Street
Merced, CA 95340

Dear Board Members:

At your request, we have conducted an actuarial valuation of the Merced County Employees' Retirement Association (MercedCERA, the Fund, the Plan) as of June 30, 2025. This report contains information on the Plan's assets, liabilities, and discloses employer and employee contribution levels. We call your attention to the Foreword in which we refer to the general approach employed in the preparation of this report.

The purpose of this report is to present the results of the annual actuarial valuation of MercedCERA. This report is for the use of the Retirement Board of MercedCERA and its auditors in preparing financial reports in accordance with applicable law and accounting requirements. Any other user of this report is not an intended user and is considered a third party.

This report was prepared for the Retirement Board of MercedCERA 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 valuation report are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to such other users.

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, 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.

Sincerely,
Cheiron



Graham A. Schmidt, FSA, EA, MAAA, FCA
Principal Consulting Actuary



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

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

FOREWORD

Cheiron has performed the actuarial valuation of the Merced County Employees' Retirement Association as of June 30, 2025. The valuation is organized as follows:

- In Section I, the **Executive Summary**, we describe the purpose of an actuarial valuation, summarize the key results found in this valuation, and disclose important trends.
- The **Main Body** of the report presents details on the Plan's
 - Section II – Identification and Assessment of Risks
 - Section III – Assets
 - Section IV – Liabilities
 - Section V – Contributions
 - Section VI – Annual Comprehensive Financial Reporting Information
- In the **Appendices**, we conclude our report with detailed information describing plan membership (Appendix A), actuarial assumptions and methods employed in the valuation (Appendix B), a summary of pertinent plan provisions (Appendix C), tables containing member contribution rates (Appendix D), and a glossary of key actuarial terms (Appendix E).

Future results may differ significantly from the current results presented in this valuation report due to such factors as the following: plan experience differing from that anticipated by the assumptions; changes in assumptions; and, changes in plan provisions or applicable law.

In preparing our report, we relied on information (some oral and written) supplied by the MercedCERA staff. This information includes, but is not limited to, 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.

Cheiron utilizes ProVal, an actuarial valuation application leased from Winklevoss Technologies (WinTech) to calculate liabilities and project benefit payments. We have relied on WinTech as the developer of ProVal. We have a basic understanding of ProVal and have used ProVal in accordance with its original intended purpose. We have not identified any material inconsistencies in assumptions or output of ProVal that would affect this valuation.

The deterministic and stochastic projections in this valuation report were developed using R-scan, a proprietary tool used to illustrate the impact of changes in assumptions, methods, plan provisions, or actual experience (particularly investment experience) on the future financial status of the Plan. R-scan uses standard roll-forward techniques that implicitly assume a stable active population. Because R-scan does not automatically capture how changes in one variable affect all other variables, some scenarios may not be consistent. The stochastic projections of investment returns assume that each future year's investment return is independent from all other years and is identically distributed according to a lognormal distribution. We relied on Cheiron colleagues for the development of the model.

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SECTION I – EXECUTIVE SUMMARY

The primary purpose of the actuarial valuation and this report is to measure, describe, and identify the following as of the valuation date:

- The financial condition of the Plan,
- Past and expected trends in the financial progress of the Plan,
- Employer and employee contribution rates for Fiscal Year 2027,
- An assessment and disclosure of key risks, and
- Information required by the GFOA for the Annual Comprehensive Financial Report.

In the balance of this Executive Summary, we present (A) the basis upon which this year's valuation was completed, (B) the key findings of this valuation including a summary of all key financial results, (C) an examination of the historical trends, and (D) the projected financial outlook for the Plan.

A. Valuation Basis

This valuation determines the employer contributions for the fiscal year ending June 30, 2027. The Plan's funding policy is to collect contributions from the employers and employees equal to the sum of:

- The normal cost under the Entry Age Normal Cost Method,
- Amortization of the Unfunded Actuarial Liability, and
- The Plan's expected administrative expenses.

The Unfunded Actuarial Liability payment is determined as the amount needed to fund the outstanding Unfunded Actuarial Liability (UAL), using the amortization method as described in Section V of the report. The amortization method is similar to a traditional five- or three-year asset smoothing and a 20-year amortization period with level payments as a percentage of payroll. The Plan also uses the Market Value of Assets to calculate the UAL, rather than a smoothed value. These amortization and funding policies in conjunction are a type of policy known as direct rate smoothing.

Experience studies are performed every three years. This valuation was performed on the basis of the economic and demographic assumptions and methods that were adopted by the Retirement Board at the January 22, 2026 Board meeting, based on Cheiron's Actuarial Experience Study covering plan experience during the period from July 1, 2022 through June 30, 2025. A summary of the assumptions and methods used in the current valuation is shown in Appendix B.

This valuation was prepared based on the Plan provisions shown in Appendix C. Employee contribution rates are shown in Appendix D. The rates for PEPRA members are recomputed each year to be one-half of the total normal cost rate for their benefits. This year, the rates for the legacy members have also been updated, as a result of the changes in assumptions adopted as part of the Experience Study.

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SECTION I – EXECUTIVE SUMMARY

B. Key Findings of this Valuation

The following discussion summarizes the key results of the June 30, 2025 valuation and how they compare to the results from the June 30, 2024 valuation.

Summary of Key Valuation Results

Table I-1 summarizes the key results of the valuation with respect to assets, liabilities, and contributions.

Table I-1 Merced County Employees' Retirement Association Summary of Key Valuation Results (in millions)		
Valuation Date Fiscal Year End	June 30, 2025 2027	June 30, 2024 2026
Actuarial Liability	\$ 1,659.6	\$ 1,615.9
Market Value of Assets	1,378.7	1,253.8
Unfunded Actuarial Liability	\$ 280.9	\$ 362.1
Funded Ratio	83.1%	77.6%
Net Employer Contribution Rate	42.59%	44.83%
Projected Payroll	\$ 176.7	\$ 168.0
Projected Employer Contribution	\$ 75.3	\$ 75.3

More discussion of the factors that affected these results can be found in the remainder of this section. Some key points are as follows:

- The employer contribution rate decreased by 2.24% of payroll from 44.83% to 42.59%.
- The Unfunded Actuarial Liability (UAL) is the excess of the Plan's Actuarial Liability over the Market Value of Assets. The Plan's UAL decreased by \$81.2 million from \$362.1 million to \$280.9 million. This decrease in UAL was primarily due to the recent investment gains and the level of contributions made to the Plan.
- The Plan's funded ratio, the ratio of market assets over Actuarial Liability, increased significantly by 5.5% from 77.6% last year to 83.1% as of June 30, 2025.

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SECTION I – EXECUTIVE SUMMARY

Plan Membership

Table I-2 summarizes Plan membership as of June 30, 2025 and June 30, 2024. More detailed membership statistics are in Appendix A.

Table I-2 Membership Total					
Item	June 30, 2025		June 30, 2024		% Change
Actives	2,289		2,262		1.2%
Deferred Members	1,559		1,473		5.8%
Retired Members	<u>2,657</u>		<u>2,623</u>		<u>1.3%</u>
Total Members	6,505		6,358		2.3%
Active Member Payroll	\$ 171,543,473	\$ 163,516,467			4.9%
Average Pay per Active	74,943		72,288		3.7%

Total Plan membership increased by 2.3%, with increases in all member categories: active participants, deferred members (including non-vested members who have left their contributions on account), and retired members in pay status.

The pay figures above reflect the annualized rate as of June 30, plus expected increases due to wage inflation for the upcoming year. For valuation purposes, annualized salary is determined as follows: for continuing active members, if current year earnings exceed prior year valuation salary, current year earnings are used; otherwise, the greater of current year earnings or current year pay rate multiplied by 26, the number of expected pay periods. For new active members, the annualized salary is the greater of current year earnings or the current year pay rate multiplied by 26. If the reported pay rate is under \$100, it is assumed to be hourly and is converted to a biweekly rate before annualizing.

No merit or longevity salary increases are assumed in determining the overall projected payroll. The merit/longevity salary increases are still applied to project individual member's compensation and benefits for the current year.

Total projected payroll increased by 4.9% compared to the assumed wage inflation of 2.75% for FYE 2025, while the average pay per active member increased by 3.7%.

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SECTION I – EXECUTIVE SUMMARY

Components of UAL Change between June 30, 2024 and June 30, 2025

Table I-3 is a detailed reconciliation of the components that affected the UAL between June 30, 2024 and June 30, 2025.

Table I-3 Change in Unfunded Actuarial Liability	
Experience	in millions
Unfunded actuarial liability, 6/30/2024	\$ 362.1
Expected change in unfunded actuarial liability	\$ (33.3)
Unfunded decrease due to investment gain	(55.1)
Unfunded decrease due to contributions more than expected	(1.0)
Unfunded decrease due to liability gain	(7.8)
Unfunded increase due to assumption changes	16.0
Total change in unfunded actuarial liability	\$ (81.2)
Unfunded actuarial liability, 6/30/2025	\$ 280.9

The Plan's UAL decreased from \$362.1 million as of June 30, 2024 to \$280.9 million as of June 30, 2025. The largest contributing factors were investment gains of \$55.1 million and expected UAL contributions, which were scheduled to pay off \$33.3 million of principal on the UAL. Contributions were more than expected by \$1.0 million, due to the differences between actual and expected payroll and the 12-month delay in the implementation of the contribution rates, which decreased the UAL. There were gains on the Actuarial Liabilities of \$7.8 million, most of which were from lower than expected salary increases among continuing active members, more pre-retirement terminations than expected, and more beneficiary deaths than expected. The assumption changes increased the UAL by \$16.0 million.

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SECTION I – EXECUTIVE SUMMARY

Employer Contribution Reconciliation

Table I-4 is a detailed reconciliation between the Fiscal Year 2026 and Fiscal Year 2027 employer contribution rates, in total and by component.

Table I-4				
Item	Employer Contribution Reconciliation			
	Total	Normal Cost	Amortization	Expenses
FYE 2026 Net Employer Contribution Rate	44.83%	8.91%	34.41%	1.51%
Expected Change due to phase-in	-0.88%	0.00%	-0.88%	0.00%
Change due to investment gain	-0.51%	0.00%	-0.51%	0.00%
Change due to contributions more than expected	-0.01%	0.00%	-0.01%	0.00%
Change due to PEPRA new hires	-0.11%	-0.11%	0.00%	0.00%
Change due to liability changes	-0.08%	-0.01%	-0.07%	0.00%
Change due to effect of payroll on amort / expense	-0.64%	0.00%	-0.60%	-0.04%
Change due to change in assumptions	-0.01%	-0.03%	-0.06%	0.08%
Total Change	-2.24%	-0.15%	-2.13%	0.04%
FYE 2027 Net Employer Contribution Rate	42.59%	8.76%	32.28%	1.55%

The employer contribution rate decreased from 44.83% for Fiscal Year 2026 to 42.59% for Fiscal Year 2027:

- The phase-in of the net UAL experience from the last four years due to the direct rate smoothing method (based on net gains in FYE 2024, FYE 2023 and FYE 2021, and net losses, including assumption changes, in FYE 2022) decreased the contribution rate by 0.88% this year. The expected phase-in for the next valuation (2026) from previous years' changes is a contribution rate increase of 0.69%.
- The investment gain for the current fiscal year decreased the current year contribution rate by 0.51% of pay. The assets of the Plan returned 11.17% (net of investment expenses) on a market basis, which is higher than the assumed rate of 6.75%. The amortization payment for the current year investment gain will continue to be phased-in over the next four years.
- Contributions were slightly more than expected and decreased the employer contribution rate by 0.01% of pay, due to differences between actual and expected payroll and the 12-month delay in the implementation of the contribution rates.
- The employer normal cost rate is expected to decrease as more PEPRA members enter the Plan. For the current valuation, the replacement of legacy members by PEPRA members decreased the average employer normal cost rate by about 0.11% of pay.
- Demographic experience resulted in a net decrease in cost of about 0.08% of pay, based on a 0.07% decrease in the UAL amortization payment rate and a 0.01% decrease in employer normal cost rates within tiers. As with the investment gain, the changes in the

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SECTION I – EXECUTIVE SUMMARY

UAL payment for demographic experience will continue to be phased-in over the next four years.

- A larger than expected increase in the projected payroll decreased the employer contribution rate by 0.64% of pay, since it results in the Plan's UAL and administrative expenses being spread over a larger-than-anticipated payroll base.
- The assumption changes adopted for the 2025 valuation resulted in a decrease of about 0.01% in the employer's current contribution rate as a percent of pay this year. There was a decrease of 0.03% in the employer normal cost rate and a decrease of 0.06% for changes in the UAL amortization payment, partially offset by an increase of 0.08% for changes in the administrative expense assumption.

Although the assumption changes resulted in an increase in the UAL of \$16.0 million, the impact on the UAL payment in the current year was a reduction in the UAL rate, because of the change in the payroll growth assumption from 2.75% to 3.00% that was adopted as part of the assumption changes. The UAL payments associated with the \$16.0 million increase in liability resulting from the new assumptions will continue to be phased-in over the next two years.

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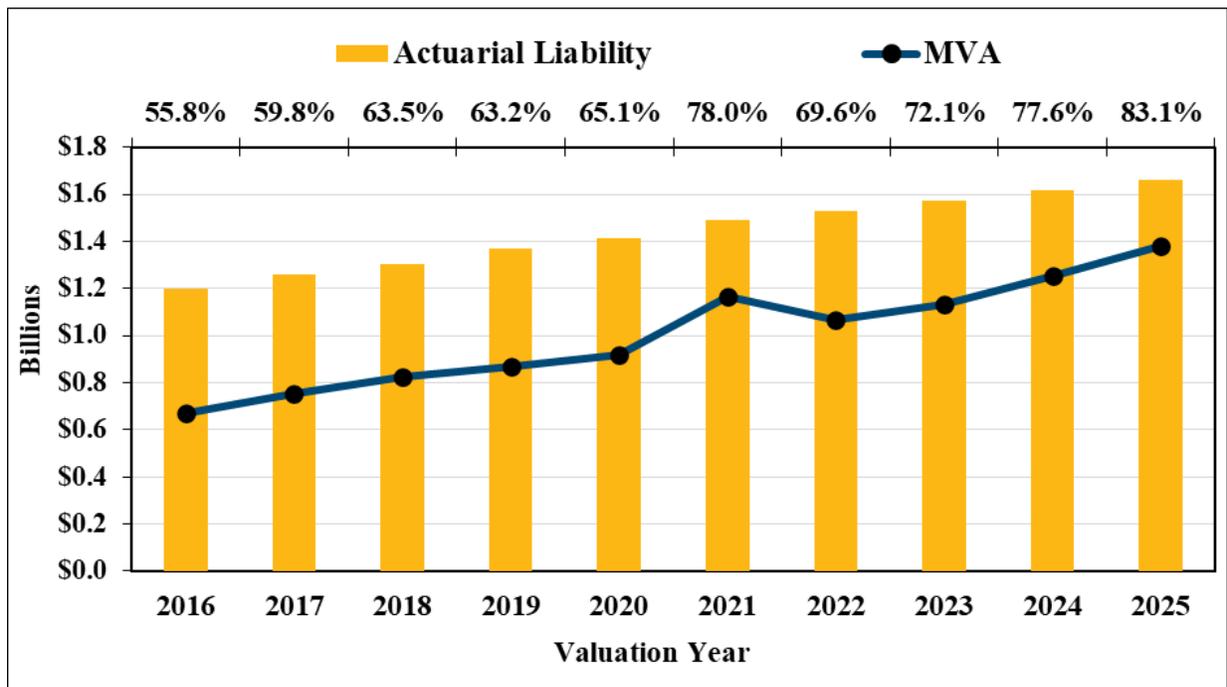
SECTION I – EXECUTIVE SUMMARY

C. Historical Trends

For most retirement plans the greatest attention is given to the current valuation results and in particular, the size of the current Unfunded Actuarial Liability and the employer contribution. However, it is important to remember that each valuation is only a snapshot in the long-term progress of a pension fund, and the results should be analyzed relative to historical trends.

Assets and Liabilities

The following chart compares the Market Value of Assets (MVA) to the Actuarial Liabilities. The percentage shown at the top of each bar is the ratio of the Market Value of Assets to the Actuarial Liability (the funded ratio). The funded ratio has increased from 55.8% in 2016 to 83.1% as of June 30, 2025.



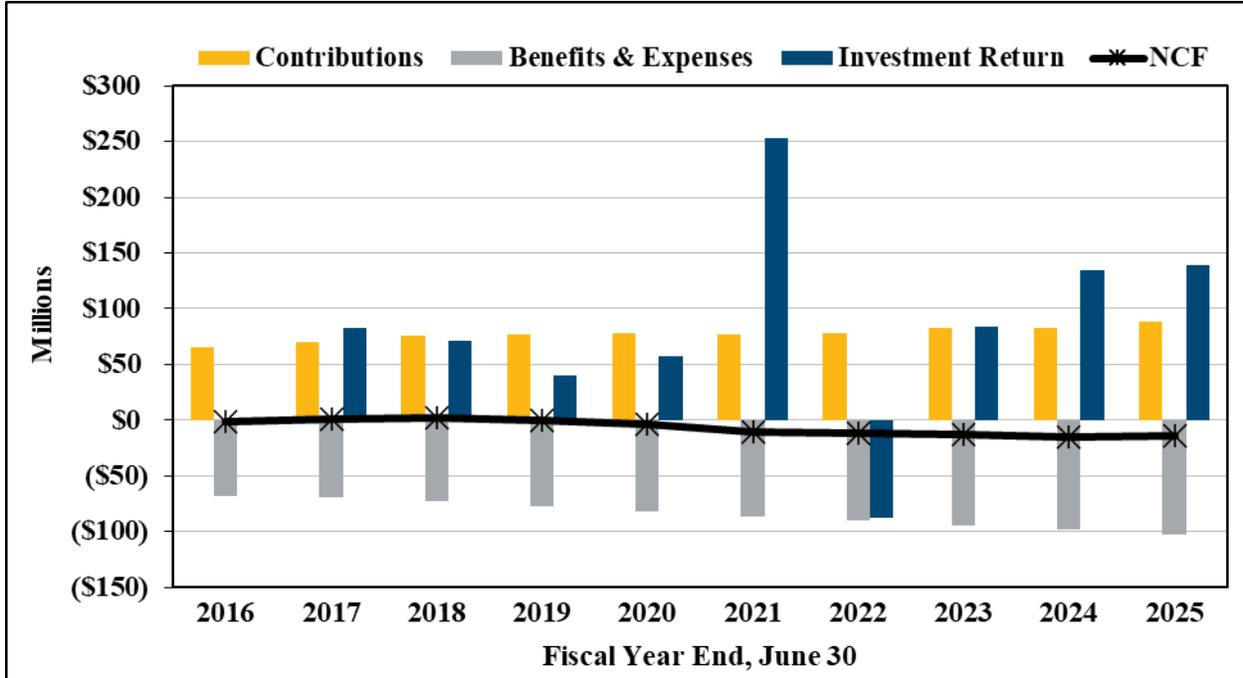
Over the last 10 years, the discount rate was reduced from 7.25% to 6.75%. The high level of contributions and net favorable investment returns over the same period have more than offset the impact of the reduction in the discount rate, resulting in a substantial increase in funded status.

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SECTION I – EXECUTIVE SUMMARY

Cash Flows

The chart below shows the Plan’s cash flows. The contributions, outflows (benefit payments and expenses), and investment returns are shown as bars and the Plan’s net cash flow (NCF; contributions less benefit payments and administrative expenses) is shown as a black line. This is an important measure, as it reflects the ability to have funds available to meet benefit payments without having to make difficult investment decisions, especially during volatile markets.



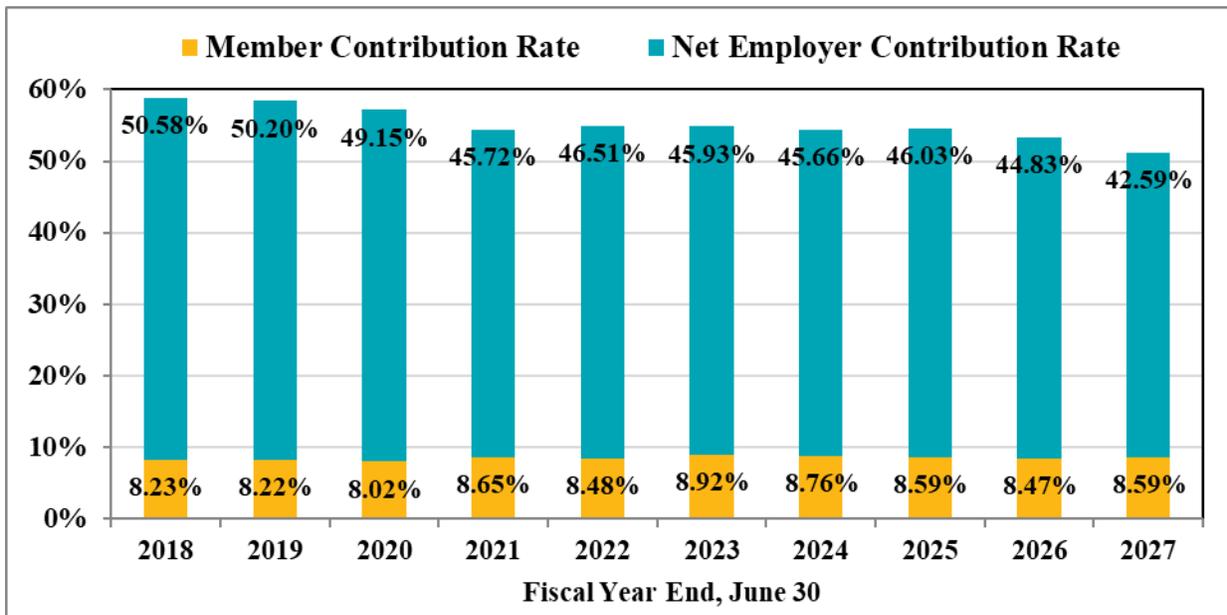
The NCF has remained approximately neutral over the past decade, though since 2021, there has been a small uptick in negative NCF, primarily due to reduced contributions following adjustments in the amortization of the 2013 UAL base. While a significant negative NCF can exacerbate losses in a market downturn, MercedCERA's current negative cash flow, representing only about 1% of Plan assets, does not pose a substantial risk to its market fluctuation absorption capacity.

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SECTION I – EXECUTIVE SUMMARY

Contributions

The chart below shows the historical member and employer contribution rates over the past decade calculated as of the valuation date but payable the following Fiscal Year. The employer contribution rates have remained relatively stable – other than a substantial decrease for FYE 2021 mostly due to an adjustment to the amortization of the 2013 UAL base – as positive investment experience and the shift towards the lower-cost PEPRA membership have offset the use of more conservative assumptions. The weighted-average member contribution rate increased with discount rate reductions in the FYE 2021 and 2023 and has also fluctuated based on shifts in the population.



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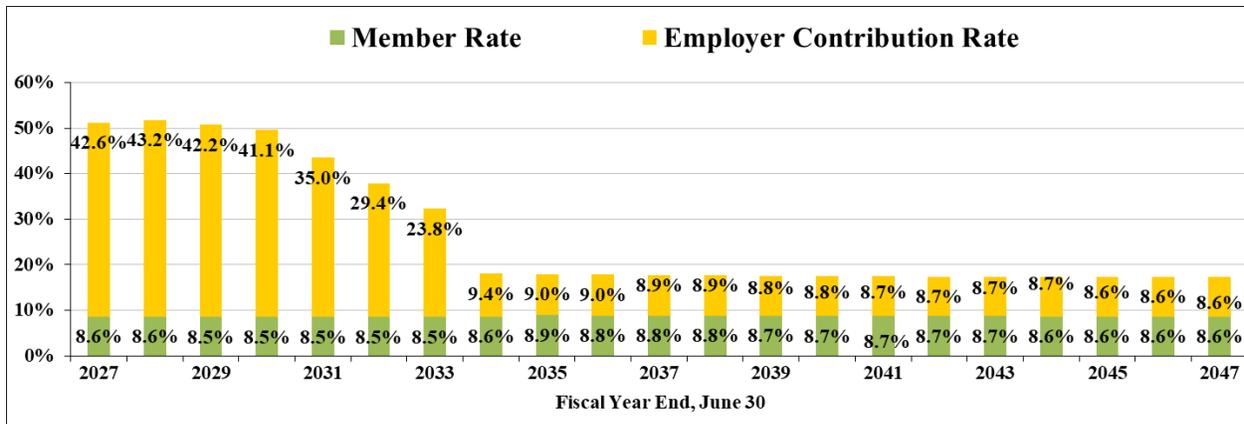
D. Future Expected Financial Trends

The analysis of projected financial trends is perhaps the most important component of this valuation. In this section, we present our assessment of the implications of the June 30, 2025 valuation results in terms of contributions and benefit security (assets compared to liabilities). All the projections in this section are based on the current interest rate assumption of 6.75%. We have assumed increases in future pensionable payroll of 3.00% per year.

Contribution Projections:

The following graph shows the expected employer and member contribution rates based on actually achieving the 6.75% assumption each year for the next 20 years. This scenario is highly unlikely; even if the Plan does achieve an average return of 6.75% over this period, the returns in each given year will certainly vary.

Projection of Employer and Member Contributions, 6.75% return each year



The graph above shows employer contributions remaining relatively stable through 2030 and then dropping off significantly from 2031 to 2034 as the amortization of the 2013 UAL is phased out. After that point, employer contribution rates are expected to stabilize and eventually approach the normal cost rates. The employee rates are expected to remain stable, shifting slightly as the Tier 1 and Tier 2 Legacy members retire and are replaced by PEPRA members.

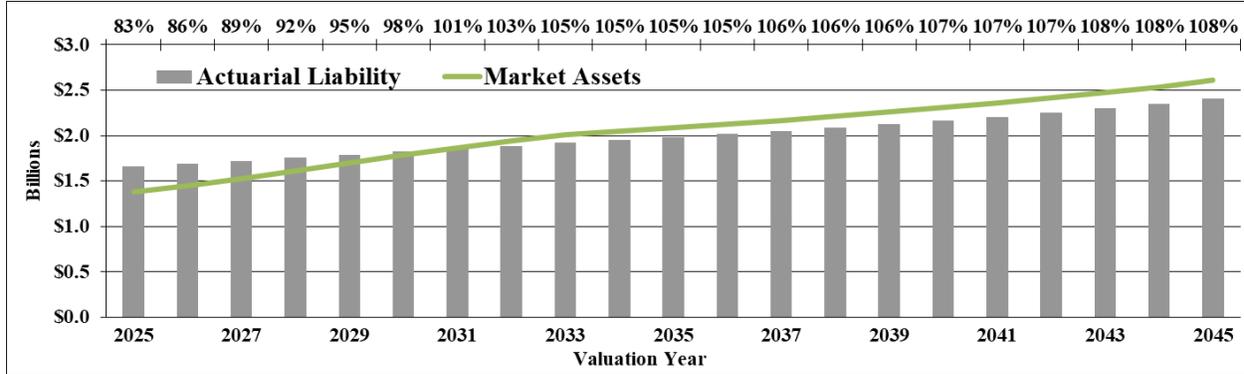
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SECTION I – EXECUTIVE SUMMARY

Asset and Liability Projections:

The graph below shows the projection of assets and liabilities assuming that assets will earn the 6.75% assumption each year during the projection period. The percentages along the top of the graph represent the funded ratio or status of the Plan.

Projection of Assets and Liabilities, 6.75% return each year



The graph shows that the projected funded status is expected to reach 100% in the 2031 actuarial valuation and increases over the next 20 years to 108%, assuming the actuarial assumptions are achieved. The projections show the funded status increasing above 100% because PEPR mandates that employers must continue to contribute at least the normal cost rate unless the plan is 120% funded and has met certain legal requirements as well. However, it is the actual return on plan assets that will determine the future funded status and contribution rates.

SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

Actuarial valuations are based on a set of assumptions about future economic and demographic experience. These assumptions represent a reasonable estimate of future experience, but actual future experience will undoubtedly be different and may vary significantly. Actuarial Standard of Practice No. 51 requires actuaries to identify and assess risks that “may reasonably be anticipated to significantly affect the plan’s future financial condition.” This section of the report is intended to identify the primary risks to the Plan, provide some background information about those risks, and provide an assessment of those risks.

Identification of Risks

A fundamental risk to a pension plan is that the contributions needed to pay the benefits become unaffordable. While MercedCERA cannot determine on its own what contribution level is unaffordable, we can project expected contribution rates and illustrate the potential impact of key sources of risk on those contribution rates so the employers can assess affordability. While there are a number of factors that could lead to contribution amounts becoming unaffordable, we believe the primary risks are:

- Investment risk,
- Assumption change risk, and
- Contribution risk.

Other risks that we have not identified may also turn out to be important.

Investment Risk is the potential for investment returns to be different than expected. Lower investment returns than anticipated will increase the unfunded actuarial liability necessitating higher contributions in the future unless there are other gains that offset these investment losses. The potential volatility of future investment returns is determined by the Plan’s asset allocation and the affordability of the investment risk is determined by the amount of assets invested relative to the size of the plan sponsors or other contribution base.

Assumption change risk is the potential for the environment to change such that future appropriate valuation assumptions are different than the current assumptions. For example, declines in interest rates over the last three decades (which have recently reversed) resulted in higher investment returns for fixed income investments, but lower expected future returns necessitating either a change in investment policy, a reduction in discount rate, or some combination of the two. Assumption change risk is an extension of the other risks identified, but rather than capturing the risk as it is experienced, it captures the cost of recognizing a change in environment when the current assumption is no longer reasonable.

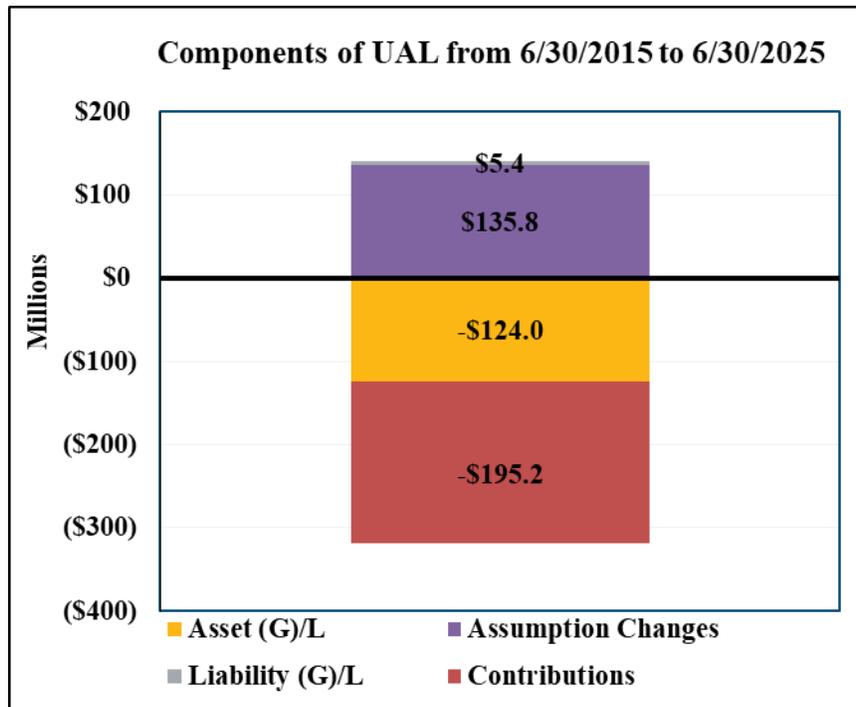
Contribution risk is the potential for actual future contributions to deviate from expected future contributions. There are different sources of contribution risk such as the sponsor failing to make contributions in accordance with the funding policy or the contribution requirement becoming such a financial strain on the sponsor as a result of material changes in the contribution base (e.g., covered employees, covered payroll) that affects the amount of contributions the Plan can collect.

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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

The chart below shows the components contributing to the Unfunded Actuarial Liability (UAL) from June 30, 2015 through June 30, 2025. Over the last 10 years, the UAL has decreased by approximately \$178.0 million. Asset gains (gold bar) of \$124.0 million, and contributions in excess of the “tread water” level (red bar) of \$195.2 million are the primary sources in the UAL decrease. Liability losses (gray bar) of \$5.4 million, and assumptions changes (purple bar) of \$135.8 million have increased the UAL since June 30, 2015.

Chart II-1



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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

Chart II-2 below details the annual sources of the UAL change (colored bars) for the Plan years ending June 30. The net UAL change for each year is represented by the blue diamonds.

Chart II-2

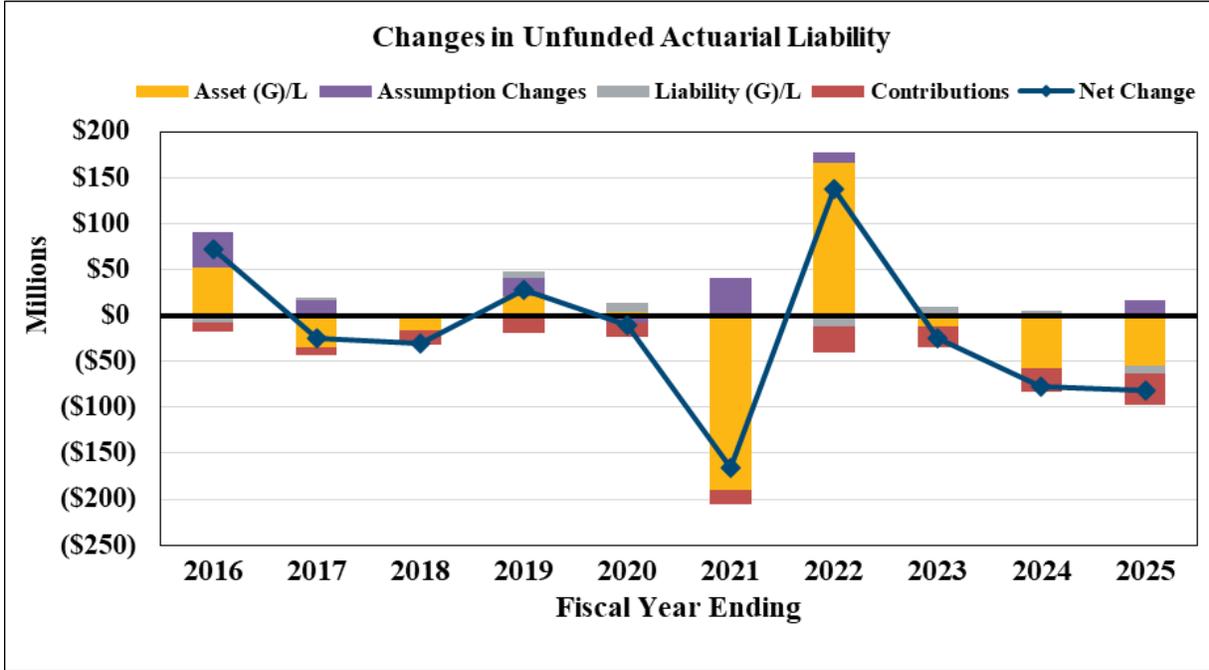


Table II-1 below summarizes the changes in the UAL for each year by source over the last 10 years.

Table II-1

Unfunded Actuarial Liability (UAL) Change by Source					
(in millions)					
FYE	Asset Experience	Liability Experience	Assumption Changes	Contributions	Total UAL Change
2016	\$52.4	(\$8.3)	\$38.1	(\$9.9)	\$72.3
2017	(34.5)	2.7	16.0	(9.4)	(25.2)
2018	(16.0)	1.2	0.0	(15.9)	(30.7)
2019	20.2	7.0	20.7	(19.5)	28.4
2020	3.3	9.7	(7.7)	(15.9)	(10.6)
2021	(189.4)	(1.0)	40.7	(15.4)	(165.1)
2022	165.2	(12.6)	11.9	(27.6)	136.9
2023	(12.0)	8.9	0.0	(22.3)	(25.4)
2024	(58.1)	5.7	0.0	(24.9)	(77.4)
2025	(55.1)	(7.8)	16.0	(34.4)	(81.3)
Total	(\$124.0)	\$5.4	\$135.8	(\$195.2)	(\$178.0)

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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

The average annual geometric investment return over the 10-year period is 8.1% and has resulted in investment gains in six of the last 10 years, and decreased the UAL in total over the period. The significant gain in 2021 was largely offset by a large loss in 2022. The gains and losses from 2022 to 2025 are still being phased-in to the contribution rate calculation under the direct rate smoothing amortization method but are fully recognized immediately in the UAL calculation.

Over the same time period, the assumed rate of return decreased from 7.75% to 6.75%. It is important to note that these changes simply reflect a downward revision of the estimate of future investment earnings and ultimately costs will be determined by actual investment earnings.

The impact of all assumption changes is represented by the purple bars in the earlier charts and also includes changes in mortality rates projected in the future which had an impact on the measurement of the UAL.

Each year, the UAL is expected to increase for benefits earned in the current year (the normal cost), administrative expenses, and interest on the UAL. This expected increase is referred to as the tread water level. The difference between actual contributions and the tread water level are shown by the red bars in the prior charts. If contributions are greater than the tread water level, the UAL is expected to decrease. Conversely, if contributions are less than the tread water level, the UAL is expected to increase. The amortization policy (as well as the contribution-timing lag) can impact whether or not the contributions exceed the tread water level. Contributions have been above the tread water level since 2015.

Effective with the June 30, 2019 valuation, changes were made to the amortization policy that reduced the current contribution level by extending the amortization schedule for the remaining 2013 UAL. However, even with these changes, contributions are still significantly above the tread water level. The single period equivalent amortization period – i.e., the length of time required to amortize the overall UAL as a level percentage of payroll based on the total current amortization payment – is approximately six years.

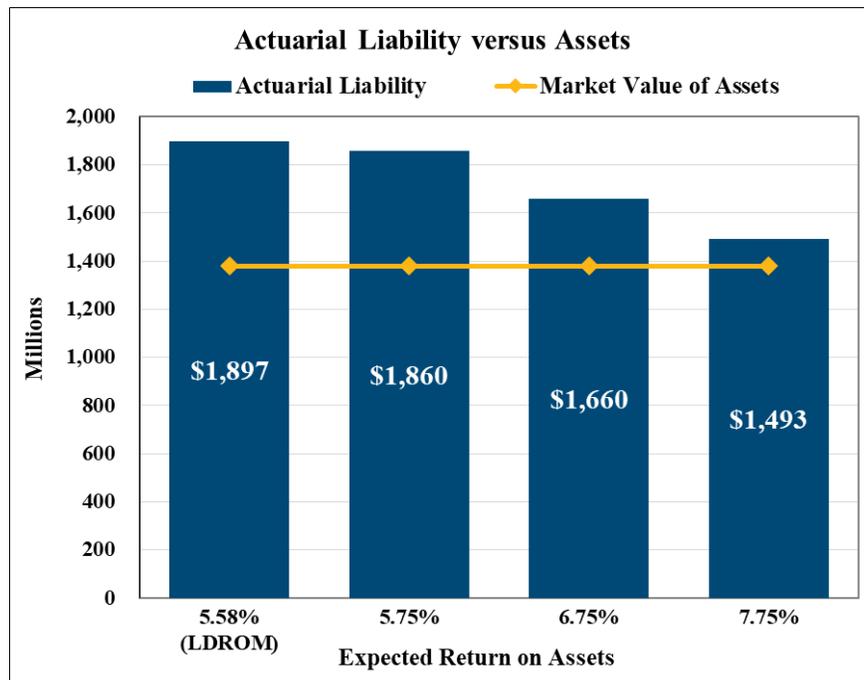
MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

Assessing Costs and Risks

Sensitivity to Investment Returns

The chart below compares the Market Value of Assets (line) to the Actuarial Liability (bars) discounted at the current expected rate of return (6.75%) and at discount rates 100 basis points above and below the expected rate of return. In addition, we have included an additional measurement, the Low Default Risk Obligation Measure (LDRM), which is the Actuarial Liability using a discount rate derived from low-default-risk fixed income securities that approximately match the benefit payments of the plan.



If investments return 6.75% annually, the Plan will need approximately \$1.7 billion in assets today to pay the benefits associated with service earned to date, compared to current assets of \$1.4 billion. If investment returns are only 5.75%, the Plan would need approximately \$1.9 billion in assets today, and if investment returns are 7.75%, the Plan would need approximately \$1.5 billion in assets.

MercedCERA invests in a diversified portfolio to achieve the best possible returns at an acceptable level of risk. MercedCERA's average return over the last 20 years is 6.7%. Please refer to Table III-4 (page 27) for the asset returns by year since 2000.

The lowest risk portfolio for a pension plan would be composed entirely of low-default-risk fixed income securities whose cash flows approximately match the benefit cash flows of the plan. However, such a portfolio would have a lower expected rate of return (5.58% as of June 30, 2025) than the diversified portfolio (6.75%). The Low-Default-Risk Obligation Measure (LDRM) represents what the Actuarial Liability would be if MercedCERA's assets were

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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

invested in such a portfolio. As of June 30, 2025, the LDROM is \$1.90 billion¹ compared to the Actuarial Liability of \$1.66 billion for MercedCERA. The \$0.24 billion difference can be viewed as the expected savings from taking on the investment risk of the diversified portfolio. Alternatively, it can be viewed as the potential cost of minimizing the investment risk.

If MercedCERA were to invest in the LDROM portfolio and not a diversified portfolio, the funded status would be lower and expected contribution requirements would increase. The security of MercedCERA's pension benefits relies on the current assets, future investment earnings, and the ability and willingness of employers to make future contributions. If MercedCERA were to invest in the LDROM portfolio, it would not change current assets, but it could potentially reduce future investment earnings, potentially changing the level of reliance on future employer contributions. However, investing in an LDROM portfolio would generate more predictable future investment earnings and future contributions.

¹ Based on a discount rate equal to the June 30, 2025 FTSE Pension Liability Index of 5.58%, and all other assumptions and methods as used to calculate the Actuarial Liability.

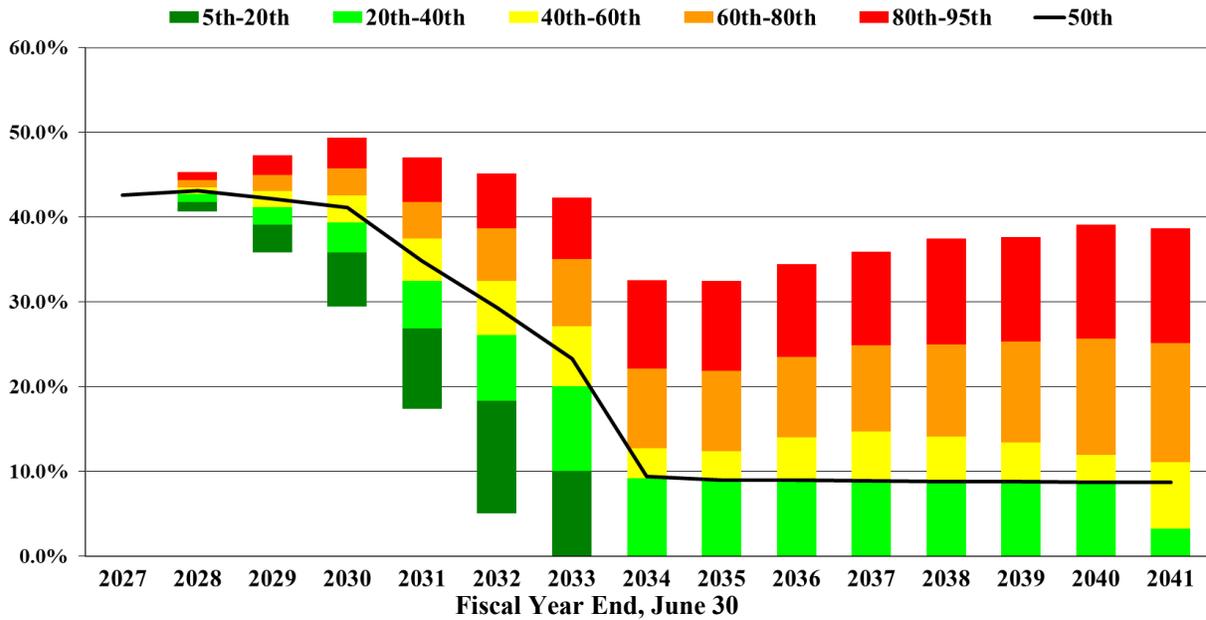
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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

Sensitivity to Investment Returns - Stochastic Projections

Stochastic projections serve to show the range of probable outcomes of various measurements. The following graphs show the projected range of the employer contribution rate and the funded ratio on a Market Value of Assets basis. The range in both scenarios is driven by the volatility of investment returns, which reflect a 12.5% standard deviation of annual returns, as indicated by Meketa's 2025 capital market assumptions.

Stochastic Projection of Employer Contribution Rates as a Percent of Pay

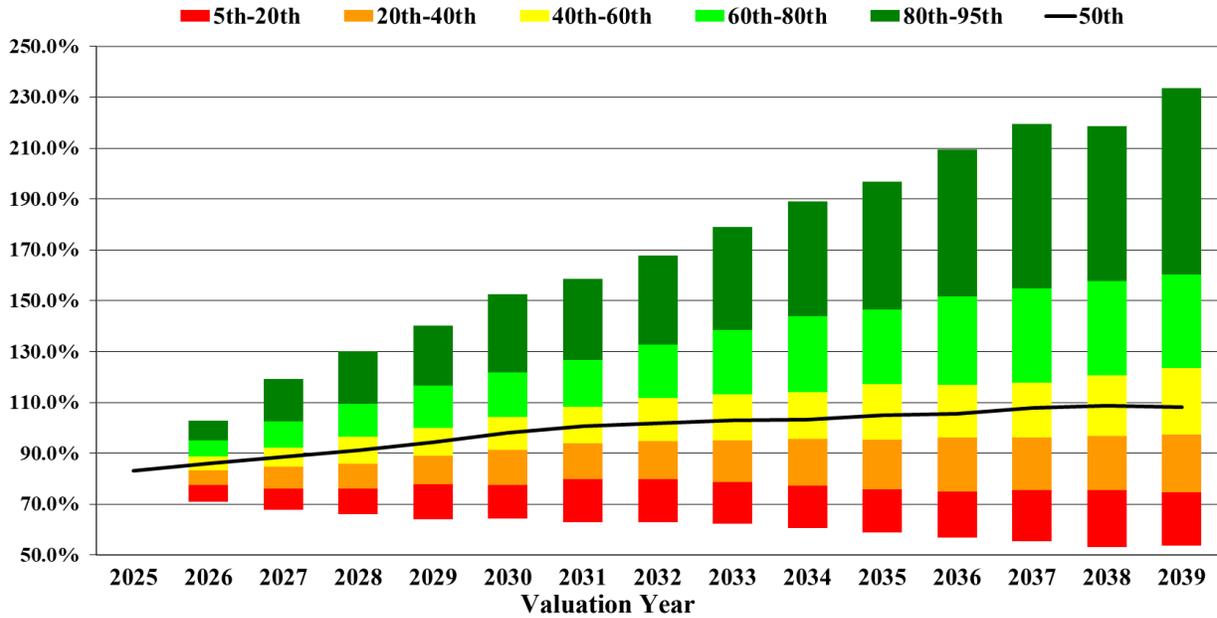


The stochastic projection of employer contributions as a percent of pay shows the probable range of future contribution rates. The baseline contribution rate (black line), which is based on the median of the simulations using an average return of 6.75%, aligns closely with the projections discussed in subsection D of the Executive Summary of this report. In the most pessimistic scenario shown, the 95th percentile, the projected employer contribution rate is about 50% of pay for FYE 2030. Conversely, the most optimistic scenario shown, the 5th percentile, the projected employer contribution rate declines to 0% for FYE 2033. We note that these projections allow the employer contribution to drop below the normal cost only if the Plan becomes extremely over-funded (above 120%), as required under PEPRA.

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Stochastic Projection of Funded Ratio on a Market Value of Assets Basis



The graph above shows the projection of the funded ratio based on the Market Value of Assets. While the baseline-funded ratio (black line) is projected to be approximately 108% at the end of the 15-year period shown here, there is a wide range of potential outcomes. Good investment returns have the likelihood of bringing the funded ratio well over 100%. Due to the current funding policy of the Plan, even in scenarios with unfavorable investment returns, the Plan is projected to remain over 50% funded as long as the actuarially determined contributions continue to be made.

Contribution Risk

While investment returns are typically the dominant factor in volatility, contribution rates can also be sensitive to future salary increases and the hiring of new members. When member payroll growth stagnates or even declines, the dollar level of contributions made to the Plan also stagnate or decline because contributions are based on payroll levels, though this will generally only present a funding issue if there is an extended pattern of payroll reductions.

There is also a risk of the contribution rate increasing even higher when payroll decreases because the Plan’s funding policy amortizes the UAL as a level percentage of pay. This means that the UAL payments increase at the assumed payroll growth rate of 3.00%, so that the payment is expected to remain constant as a percentage of payroll. If payroll growth is less than the expected 3.00% or there is a decline in payroll, the UAL payments are spread over a smaller payroll base and the contribution rate as a percentage of pay increases, potentially making the Plan less affordable for a sponsor with a declining payroll and/or revenue base.

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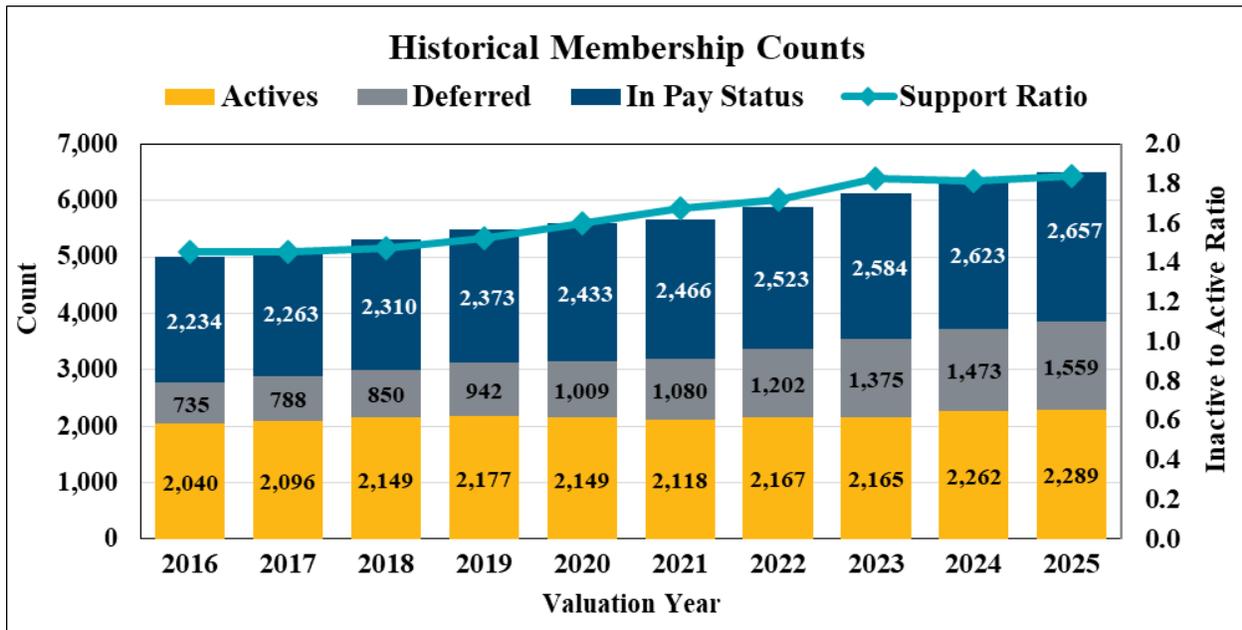
Plan Maturity Measures

The future financial condition of a mature pension plan is more sensitive to each of the risks identified above than a less mature plan. It is important to understand the maturity of the Plan and how the maturity has changed over time.

Plan maturity can be measured in a variety of ways, but they all get at one basic dynamic – the larger the plan assets and/or liabilities are compared to the contribution or revenue base that supports it; the more sensitive the plan will be to risk. The measures below have been selected as the most important in understanding the primary risks identified for the Plan.

Inactives per Active (Support Ratio)

One simple measure of plan maturity is the ratio of the number of inactive members (those receiving benefits or those entitled to a deferred benefit) to the number of active members. The Support Ratio is expected to increase gradually as a plan matures. The chart below shows the growth in the Support Ratio from 2016 to 2025 as the number of inactives increased relative to the number of actives.



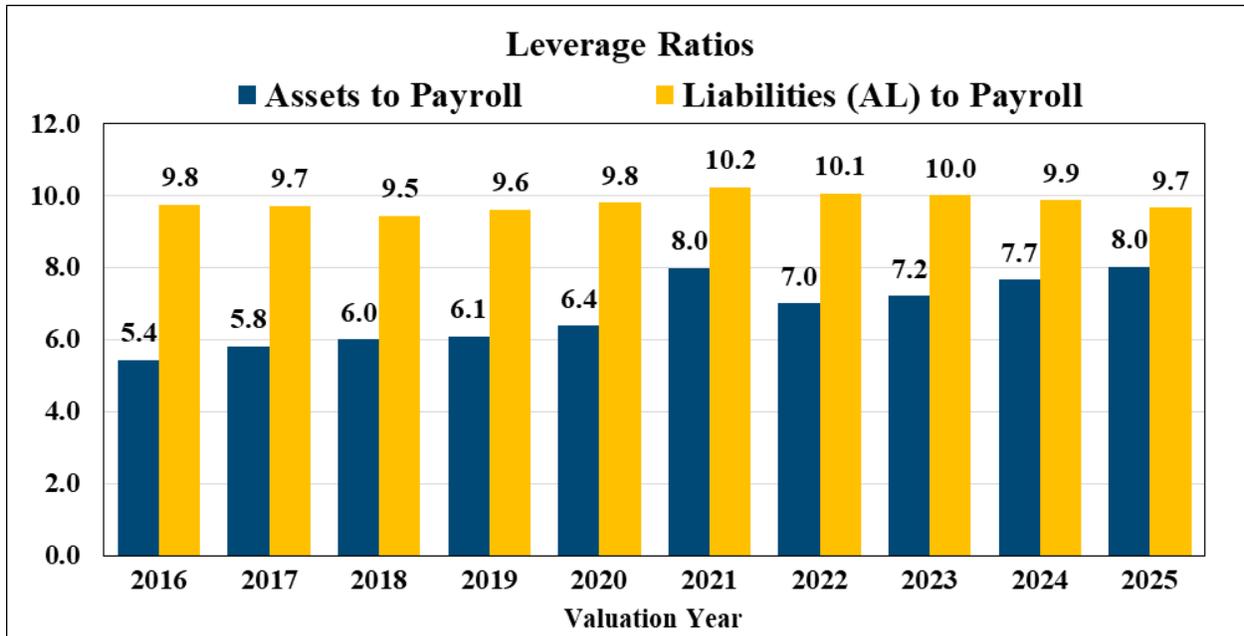
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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

Leverage Ratios

Leverage or volatility ratios measure the size of the plan compared to its revenue base more directly. The asset leverage ratio is simply the Market Value of Assets to active member payroll and indicates the sensitivity of the Plan to investment returns. The liability leverage ratio is the Plan's Actuarial Liability to active member payroll and indicates the sensitivity of the Plan to assumption changes or demographic experience.

The following charts show the historical leverage ratios of the Plan. The assets to payroll leverage ratio has gradually increased, while the liabilities to payroll leverage ratio has remained relatively stable since 2016. However, the assets to payroll ratio still lags behind the liabilities to payroll ratio due to the funded status of the Plan. We note that the asset leverage ratio increased significantly in 2021, from 6.4 to 8.0, due to investment returns, and conversely decreased in 2022 to 7.0 due to investment losses. The asset leverage ratio also increased in 2025, from 7.7 to 8.0, due to investment returns. We expect these ratios to converge over time as the Plan becomes better funded if assumptions are met. Therefore, the Plan is expected to become more sensitive to market variation in the future than it is today.



To appreciate the impact of the ratio of assets to payroll on contributions rates, consider the situation for a new plan with almost no assets. Even if the assets suffer a bad year of investment returns, the impact on the contribution rate is nil, because the assets are so small.

On the other hand, suppose MercedCERA's assets lose 10% of their value in a year. Because they were assumed to earn 6.75%, there is an actuarial loss of 16.75% of plan assets. Based on the current ratio of assets to payroll (800%), that means the loss in assets is about 134.0% of active payroll (800% of the 16.75% loss). There is only one source of funding to make up for this loss: contributions. Consequently, barring future offsetting investment gains, the employers must make up the asset loss in future contributions. In this example of a one-year loss of 10%, this

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SECTION II – IDENTIFICATION AND ASSESSMENT OF RISKS

shortfall will eventually require an additional amortization payment of approximately 10.3% of payroll once fully phased-in, if amortized over the Plan's 24-year schedule for gains and losses.

More Detailed Assessment

While a more detailed assessment is always valuable to enhance the understanding of the risks identified above, we believe the scenarios illustrated above cover the primary risks facing the Plan at this time. We would be happy to provide the Board with a more in-depth analysis at their request.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION III – ASSETS

Pension Plan assets play a key role in the financial operation of the Plan and in the decisions the Board may make with respect to future deployment of those assets. The level of assets, the allocation of assets among asset classes, and the methodology used to measure assets will likely impact benefit levels, employer contributions, and the ultimate security of participants' benefits.

In this section, we present detailed information on Plan assets including:

- **Disclosure** of Plan assets as of June 30, 2024 and June 30, 2025,
- Statement of the **changes** in market values during the year,
- Comparison of the actual and expected investment performance during the year, and
- Historical **investment performance**.

As of June 30, 2014, an Actuarial Value of Assets distinct from the Market Value of Assets is no longer used in the calculations of the Unfunded Actuarial Liability or funded status due to the implementation of the funding policy adopted by the Board on January 22, 2015. This policy change was made in conjunction with 24-year (22-year for assumption changes) layered amortization of any unexpected changes in the Unfunded Actuarial Liability starting with the June 30, 2014 valuation. A calculation of the Actuarial Value of Assets is no longer shown in the valuation report, except to show the history of returns on the actuarial assets in Table III-4.

Also in prior valuations, a distinction was made between actuarial assets and valuation assets, with the latter reduced for non-valuation reserves, such as the Contingency Reserve. Because there are no such reserves as of June 30, 2024 and June 30, 2025, the two asset values are equal, and throughout this report we have used the term Market Value of Assets exclusively, except to show the history of returns on the valuation assets in Table III-4.

Disclosure

The market value represents “snapshot” or “cash out” values that provide the principal basis for measuring financial performance from one year to the next.

Table III-1 on the next page discloses and compares each asset value as of June 30, 2024 and June 30, 2025.

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SECTION III – ASSETS

Table III-1 Statement of Assets at Market Value		
Assets	June 30, 2025	June 30, 2024
Cash and Short-Term Investments:		
Cash invested with Merced County Treasurer	\$ 576,969	\$ 0
Cash invested with Northern Trust	21,311,398	16,252,482
Other cash and cash equivalents with Northern Trust	327,941	359,521
Total Cash and Short-Term Investments	<u>\$ 22,216,308</u>	<u>\$ 16,612,003</u>
Receivables:		
Bond interest	\$ 2,425	\$ 310,411
Dividends	0	0
Contributions	3,896,283	3,332,616
Distributions	227,438	61,067
Securities sold	0	0
Other	542,304	0
Total Receivables	<u>\$ 4,668,450</u>	<u>\$ 3,704,094</u>
Investments at Market Value:		
U.S. government and agency obligations	\$ 0	\$ 0
Domestic fixed income	221,407,117	155,395,445
Common stocks (domestic)	29,844,072	29,765,848
Common stocks (index funds)	279,658,555	256,695,891
Common stocks (international)	265,716,017	228,678,529
Common stocks (international index funds)	0	0
Real estate	77,466,701	92,333,506
Alternative investments	470,294,016	462,163,552
Total Investments at Market Value	<u>\$ 1,344,386,478</u>	<u>\$ 1,225,032,771</u>
Other Assets:		
Prepaid expense	\$ 112,795	\$ 96,790
Capital assets, net of accumulated depreciation	11,346,764	8,516,580
Total Assets	<u>1,382,730,795</u>	<u>1,253,962,238</u>
Liabilities		
Accounts payable	\$ 3,605,810	\$ 101,444
Securities purchased	337,769	22,719
Unclaimed contributions	85,403	85,403
Capital Calls	0	0
Total Liabilities	<u>4,028,982</u>	<u>209,566</u>
Market Value of Assets	<u>\$ 1,378,701,813</u>	<u>\$ 1,253,752,672</u>

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION III – ASSETS

Changes in Market Value

The components of asset change are:

- Contributions (employer and employee)
- Benefit payments
- Expenses (investment and administrative)
- Investment income (realized and unrealized)

Table III-2 shows the components of change in the Market Value of Assets during 2024 and 2025.

Table III-2 Changes in Market Values		
Additions	Fiscal Year ending <u>June 30, 2025</u>	Fiscal Year ending <u>June 30, 2024</u>
Contributions:		
Employer	\$ 74,195,843	\$ 69,632,270
Plan members	13,943,864	13,403,198
Total Contributions	\$ 88,139,707	\$ 83,035,468
Investment Income/(Loss) from Investment Activities:		
Net appreciation/(depreciation) in fair value of investments	\$ 127,130,274	\$ 120,407,326
Investment income	20,110,745	16,238,236
Other revenue	688,206	502
Less investment expenses	(8,678,814)	(2,398,063)
Total Investment Income/(Loss) from Investment Activities	\$ 139,250,411	\$ 134,248,001
Total Additions	227,390,118	217,283,469
Deductions		
Benefits paid	\$ 97,575,371	\$ 94,081,287
Refunds of contributions	1,603,026	1,692,862
Administrative expense	3,181,170	2,753,296
Actuarial expense	81,410	84,737
Total Deductions	102,440,977	98,612,182
Net Increase/(Decrease)	\$ 124,949,141	\$ 118,671,287
Market Value of Assets, Beginning of Year	<u>1,253,752,672</u>	<u>1,135,081,385</u>
Market Value of Assets, End of Year	\$ 1,378,701,813	\$ 1,253,752,672

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION III – ASSETS

Investment Performance

The following table shows the development of the asset gain/(loss) and investment return.

Table III-3 Development of Asset Return	
Market Value of Assets, Beginning of Year	\$ 1,253,752,672
Contributions	88,139,707
Benefit Paid and Refunds of Contributions	(99,178,397)
Administrative Expense	(3,262,580)
Expected Investment Earnings (6.75%)	84,153,519
Expected Market Value of Assets, End of Year	\$ 1,323,604,921
Investment Gain / (Loss)	55,096,892
Market Value of Assets, End of Year	\$1,378,701,813
Actual Investment Earnings	\$ 139,250,411
Return	11.17%

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION III – ASSETS

The table below shows the historical annual asset returns on a market value and actuarial value basis, as well as the increase in the Consumer Price Index (CPI) since 2000. Beginning June 30, 2014, the Actuarial Value of Assets is equal to the Market Value of Assets, so the net returns are the same for FY 2015 onwards.

Table III-4 Net Return on Assets vs. Increase in Consumer Price Index			
Year Ended June 30	Net Return at Market Value	Net Return at Actuarial Value	Increase in Consumer Price Index¹
2000	9.1%	11.5%	3.7%
2001	-3.6%	8.6%	3.2%
2002	-5.6%	4.9%	1.1%
2003	4.6%	3.3%	2.1%
2004	12.6%	3.3%	3.3%
2005	8.7%	2.5%	2.5%
2006	7.6%	4.7%	4.3%
2007	16.3%	8.9%	2.7%
2008	-6.7%	1.2%	5.0%
2009	-22.1%	-4.9%	-1.4%
2010	12.7%	7.0%	1.1%
2011	22.6%	2.6%	3.6%
2012	-1.6%	0.6%	1.7%
2013	11.8%	3.8%	1.8%
2014	17.1%	11.8%	2.1%
2015	2.9%	2.9%	0.1%
2016	-0.1%	-0.1%	1.0%
2017	12.4%	12.4%	1.6%
2018	9.4%	9.4%	2.9%
2019	4.8%	4.8%	1.6%
2020	6.6%	6.6%	0.6%
2021	27.7%	27.7%	5.4%
2022	-7.5%	-7.5%	9.1%
2023	7.9%	7.9%	3.0%
2024	11.9%	11.9%	3.0%
2025	11.2%	11.2%	2.7%
20-Year Compound Average	6.7%	5.9%	2.6%
15-Year Compound Average	8.8%	6.8%	2.7%
10-Year Compound Average	8.1%	8.1%	3.1%
5-Year Compound Average	9.7%	9.7%	4.6%

¹ Based on All Urban Consumers - U.S. City Average, June indices.

MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION IV – LIABILITIES

In this section, we present detailed information on Plan liabilities including:

- **Disclosure** of Plan liabilities at June 30, 2024 and June 30, 2025, and
- Plan liabilities by **tier** as of June 30, 2025.

Disclosure

Several types of liabilities are calculated and presented in this report. Each type is distinguished by the people ultimately using the figures and the purpose for which they are using them. Note that these liabilities are not applicable for settlement purposes, including the purchase of annuities and the payment of lump sums.

- **Present Value of Future Benefits:** Used for measuring all future Plan obligations, represents the amount of money needed today to fully fund all benefits of the Plan both earned as of the valuation date and those to be earned in the future by current plan participants, under the current Plan provisions.
- **Actuarial Liability:** Used for funding calculations, this liability is calculated taking the Present Value of Future Benefits and subtracting the present value of future Member Contributions and future employer normal costs under an acceptable actuarial funding method. The method used for this Plan is called the **Entry Age Normal (EAN)** funding method.
- **Unfunded Actuarial Liability:** The excess of the Actuarial Liability over the Market Value of Assets.

Table IV-1 on the following page discloses each of these liabilities for the current and prior valuations.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

SECTION IV – LIABILITIES

Table IV-1		
Present Value of Future Benefits and Actuarial Liability		
(in thousands)		
Item	June 30, 2025	June 30, 2024
Present Value of Future Benefits		
Actives	\$ 643,151	\$ 630,207
Deferred Members	93,427	85,012
Retirees	996,955	975,525
Disabled	70,834	69,232
Beneficiaries	79,326	75,533
Total MercedCERA	\$ 1,883,692	\$ 1,835,509
Actuarial Liability		
Total Present Value of Future Benefits	\$ 1,883,692	\$ 1,835,509
Present Value of Future Normal Costs		
Employer Portion	114,139	113,172
Employee Portion	109,998	106,461
Actuarial Liability	\$ 1,659,555	\$ 1,615,876
Market Value of Assets	\$ 1,378,702	\$ 1,253,753
Unfunded Actuarial Liability/(Surplus)	\$ 280,853	\$ 362,123

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION IV – LIABILITIES

Table IV-2 discloses the liabilities of the Plan as of June 30, 2025, split by tier.

Table IV-2 Liabilities by Group as of June 30, 2025 (in thousands)												
Present Value of Future Benefits			General			Safety					All	
	Tier 1	Tier 2	Tier 3	Tier 4	Total	Tier 1	Tier 2	Tier 3	Tier 4	Total	Total	
Actives	\$ 20,237	\$ 262,659	\$ 12,008	\$ 191,534	\$ 486,438	\$ 11,067	\$ 84,067	\$ 2,290	\$ 59,288	\$ 156,712	\$ 643,151	
Deferred Members	5,600	57,640	3,056	9,952	76,248	158	14,708	187	2,126	17,179	93,427	
Retirees	609,995	204,877	1,026	4,862	820,759	142,934	32,817	0	444	176,196	996,955	
Disabled	13,715	8,619	222	232	22,788	32,561	14,804	0	680	48,046	70,834	
Beneficiaries	46,821	6,430	248	408	53,907	23,492	1,927	0	0	25,419	79,326	
Total	\$ 696,367	\$ 540,225	\$ 16,560	\$ 206,988	\$ 1,460,140	\$ 210,214	\$ 148,323	\$ 2,477	\$ 62,538	\$ 423,552	\$ 1,883,692	
Actuarial Liability												
Actives	\$ 18,675	\$ 219,984	\$ 6,550	\$ 73,006	\$ 318,215	\$ 10,424	\$ 69,722	\$ 1,370	\$ 19,283	\$ 100,798	\$ 419,013	
Deferred Members	5,600	57,640	3,056	9,952	76,248	158	14,708	187	2,126	17,179	93,427	
Retirees	609,995	204,877	1,026	4,862	820,759	142,934	32,817	0	444	176,196	996,955	
Disabled	13,715	8,619	222	232	22,788	32,561	14,804	0	680	48,046	70,834	
Beneficiaries	46,821	6,430	248	408	53,907	23,492	1,927	0	0	25,419	79,326	
Total	\$ 694,805	\$ 497,549	\$ 11,102	\$ 88,460	\$ 1,291,917	\$ 209,570	\$ 133,977	\$ 1,557	\$ 22,534	\$ 367,638	\$ 1,659,555	

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

SECTION V – CONTRIBUTIONS

In the process of evaluating the financial condition of any pension plan, we analyze the assets and liabilities to determine what level (if any) of contributions is needed to properly maintain the funding status of the Plan. Typically, the actuarial process will use a funding technique that will result in a pattern of contributions that are both stable and predictable.

For this Plan, the actuarial funding method used to determine the normal cost and the Unfunded Actuarial Liability is the **Entry Age Normal (EAN) Cost Method**. There are three primary components to the total contribution: the **normal cost rate** (employee and employer), the **Unfunded Actuarial Liability rate (UAL rate)**, and the **administrative expense rate**.

The normal cost rate is determined in the following steps. First, an individual normal cost rate is determined by taking the value, as of entry age into the Plan, of each member's projected future benefits. This value is then divided by the value, also at entry age, of the member's expected future salary producing a normal cost rate that should remain relatively constant over a member's career.

The total normal cost is computed by adding the expected dollar amount of each active member's normal cost for the current year – known as the Individual Entry Age Method. The total normal cost is adjusted with interest to the middle of the year, to reflect the fact that the normal cost contributions are paid throughout the year as member payroll payments are made. Finally, the total normal cost rate, calculated by dividing the total normal cost by expected payroll of the closed group, is reduced by the member contribution rate to produce the employer normal cost rate.

Starting with the June 30, 2014 valuation, the Unfunded Actuarial Liability (UAL) is the difference between the EAN Actuarial Liability and the Market Value of Assets. The Unfunded Actuarial Liability payment was determined as the amount needed to fund the outstanding Unfunded Actuarial Liability as of June 30, 2013 over a closed period of 16 years, as a level percentage of pay. Effective with the June 30, 2019 valuation, 15% of the outstanding balance as of June 30, 2019 of the June 30, 2013 UAL amortization base is carved out as a separate base and amortized over a closed 14-year period (with eight years remaining with this valuation) as a level percentage of payroll. The remaining 85% is amortized over a closed 14-year period (with eight years remaining with this valuation), with 10 years of level payments as a percentage of payroll, and a four-year ramp down at the end of the period. Any subsequent unexpected change in the Unfunded Actuarial Liability after June 30, 2013 is amortized over 24 years (22 years for assumption changes) that includes a five-year phase-in/four-year phase-out (three-year phase-in/two-year phase-out for assumption changes) of the payments/credits for each annual layer.

The administrative expenses are assumed to be \$3.2 million for the current Plan year, and are expected to increase by the inflation rate in future years. The administrative expenses are split between the employees and employers based on each group's share of the normal cost and UAL rates.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

SECTION V – CONTRIBUTIONS

The table below and on the next page present the employer contribution rates for the Plan for this valuation.

Table V-1 Development of the Net Employer Contribution Rate as of June 30, 2025 for FYE 2027		
	June 30, 2025	June 30, 2024
1. Total Normal Cost Rate	17.04%	17.09%
2. Member Contribution Rate ¹	<u>8.28%</u>	<u>8.18%</u>
3. Employer Normal Cost Rate (1-2)	8.76%	8.91%
4. UAL Amortization Rate	32.28%	34.41%
5. Administrative Expense Rate	1.55%	1.51%
6. Net Employer Contribution Rate (3+4+5)	42.59%	44.83%

¹ Not including member's share of administrative expenses.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

SECTION V – CONTRIBUTIONS

**Table V-2
FYE 2027 Net Employer Contribution Rate by Group**

	General					Safety					All
	Tier 1	Tier 2	Tier 3	Tier 4	Total	Tier 1	Tier 2	Tier 3	Tier 4	Total	Total
County											
1. Total Normal Cost Rate	27.39%	19.07%	16.20%	14.05%	15.66%	35.68%	25.13%	24.10%	22.01%	23.35%	17.04%
2. Member Contribution Rate ¹	<u>12.81%</u>	<u>9.59%</u>	<u>6.97%</u>	<u>7.03%</u>	<u>7.80%</u>	<u>5.11%</u>	<u>9.83%</u>	<u>9.69%</u>	<u>11.01%</u>	<u>10.48%</u>	<u>8.28%</u>
3. Employer Normal Cost Rate (1-2)	14.58%	9.48%	9.23%	7.02%	7.86%	30.57%	15.30%	14.41%	11.00%	12.87%	8.76%
4. UAL Amortization Rate	29.95%	29.95%	29.95%	29.95%	29.95%	42.82%	42.82%	42.82%	42.82%	42.82%	32.28%
5. Administrative Expense Rate	<u>1.68%</u>	<u>1.49%</u>	<u>1.48%</u>	<u>1.40%</u>	<u>1.43%</u>	<u>2.77%</u>	<u>2.20%</u>	<u>2.16%</u>	<u>2.03%</u>	<u>2.11%</u>	<u>1.55%</u>
6. Net Employer Contribution Rate (3+4+5)	46.21%	40.92%	40.66%	38.37%	39.24%	76.16%	60.32%	59.39%	55.85%	57.80%	42.59%

¹ Not including member's share of administrative expenses.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION V – CONTRIBUTIONS

The assets of the Plan are allocated between the General and Safety groups based on their share of the Actuarial Liability for non-active members. If the assets of the Plan exceed the Actuarial Liabilities of the non-active members, the remaining assets are allocated between the General and Safety groups based on their share of the Actuarial Liabilities for active members. The UAL Amortization payment is allocated to the General and Safety groups based on their share of the UAL.

Table V-3 Allocation of the June 30, 2025 UAL and Development of UAL Amortization Rates for FYE 2027			
	General	Safety	Total
1. Market Value of Assets			\$ 1,378,701,813
2. Inactive Actuarial Liability	973,702,008	266,839,666	1,240,541,674
3. Allocation of Assets for Inactives	78.49%	21.51%	100.00%
4. Total Assets for Inactives	973,702,008	266,839,666	<u>1,240,541,674</u>
5. Net Assets for Distribution (1 - 4 not less than zero)			\$ 138,160,139
6. Active Actuarial Liability	\$ 318,214,823	\$ 100,798,057	\$ 419,012,880
7. Allocation of Remaining Assets	75.94%	24.06%	100.00%
8. Total Assets for Actives (7 x 5)	104,924,231	33,235,908	138,160,139
9. Market Value of Assets (4 + 8)	\$ 1,078,626,239	\$ 300,075,574	\$ 1,378,701,813
10. Total Actuarial Liability	1,291,916,831	367,637,723	1,659,554,554
11. Unfunded Actuarial Liability (UAL) (10 - 9)	\$ 213,290,592	\$ 67,562,149	\$ 280,852,741
12. UAL Amortization (see table V-4)	42,054,839	13,321,334	55,376,173
13. Total Payroll	140,432,665	31,110,808	171,543,473
14. UAL Amortization Rate (12 divided by 13)	29.95%	42.82%	32.28%

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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SECTION V – CONTRIBUTIONS

Table V-4 presents the calculation of the UAL payments for the Plan.

Table V-4 Development of Amortization Payment For the June 30, 2025 Actuarial Valuation									
Type of Base	Date Established	Initial Amount	Initial Amortization Years	June 30, 2025 Outstanding Balance	Remaining Amortization Years	Current Phase In/Out Percentage	Amortization Amount	% of Pay	% of Pay After Phase-In
1. Initial UAL - extended	6/30/2019	\$ 367,575,087	14	\$ 240,657,037	8	100%	\$ 45,475,347	26.51%	26.51%
2. Initial UAL - carve out	6/30/2019	64,866,192	14	48,618,404	8	100%	7,092,430	4.13%	4.13%
3. (Gain)/Loss Base	6/30/2014	(71,384,203)	24	(68,037,256)	13	100%	(7,613,289)	-4.44%	-4.44%
4. (Gain)/Loss Base	6/30/2015	34,000,650	24	33,616,569	14	100%	3,505,166	2.04%	2.04%
5. (Gain)/Loss Base	6/30/2016	47,466,429	24	48,322,160	15	100%	4,727,483	2.76%	2.76%
6. (Gain)/Loss Assumption	6/30/2016	38,112,827	22	35,088,996	13	100%	3,652,866	2.13%	2.13%
7. (Gain)/Loss Base	6/30/2017	(29,098,191)	24	(30,446,646)	16	100%	(2,811,237)	-1.64%	-1.64%
8. (Gain)/Loss Assumption	6/30/2017	15,960,129	22	15,196,341	14	100%	1,484,553	0.87%	0.87%
9. (Gain)/Loss Base	6/30/2018	(14,219,151)	24	(15,207,280)	17	100%	(1,331,898)	-0.78%	-0.78%
10. (Gain)/Loss Base	6/30/2019	28,753,231	24	31,277,818	18	100%	2,609,850	1.52%	1.52%
11. (Gain)/Loss Assumption	6/30/2019	20,714,918	22	20,719,586	16	100%	1,812,500	1.06%	1.06%
12. (Gain)/Loss Base	6/30/2020	12,189,143	24	13,457,861	19	100%	1,073,932	0.63%	0.63%
13. (Gain)/Loss Assumption	6/30/2020	(7,652,716)	22	(7,800,485)	17	100%	(650,160)	-0.38%	-0.38%
14. (Gain)/Loss Base	6/30/2021	(187,358,380)	24	(209,188,575)	20	100%	(16,018,672)	-9.34%	-9.34%
15. (Gain)/Loss Assumption	6/30/2021	40,723,349	22	42,121,834	18	100%	3,357,877	1.96%	1.96%
16. (Gain)/Loss Base	6/30/2022	154,923,054	24	172,202,505	21	80%	10,300,277	6.00%	7.51%
17. (Gain)/Loss Assumption	6/30/2022	11,871,588	22	12,441,012	19	100%	951,774	0.55%	0.55%
18. (Gain)/Loss Base	6/30/2023	(2,264,333)	24	(2,466,195)	22	60%	(109,727)	-0.06%	-0.11%
19. (Gain)/Loss Base	6/30/2024	(49,590,216)	24	(52,137,002)	23	40%	(1,556,456)	-0.91%	-2.27%
20. (Gain)/Loss Base	6/30/2025	(63,603,949)	24	(63,603,949)	24	20%	(969,441)	-0.57%	-2.83%
21. (Gain)/Loss Assumption	6/30/2025	16,020,005	22	<u>16,020,005</u>	22	33%	<u>392,996</u>	<u>0.23%</u>	<u>0.69%</u>
Total				\$ 280,852,741			\$ 55,376,173	32.28%	30.58%

The single period equivalent amortization period – i.e., the length of time required to amortize the overall UAL as a level percentage of payroll based on the total current amortization payment – is approximately six years.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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**SECTION VI – ANNUAL COMPREHENSIVE FINANCIAL
REPORTING INFORMATION**

The Governmental Accounting Standards Board (GASB) adopted Statement Nos. 67 and 68, replacing GASB Statement Nos. 25 and 27. GASB 67 is effective for periods beginning after June 15, 2013 (first effective for the fiscal year ending June 30, 2014 for the Plan) and GASB 68 is effective for fiscal years beginning after June 15, 2014 (first effective for the fiscal year ending June 30, 2015 for the Employer). The disclosures needed to satisfy the GASB requirements can be found in the MercedCERA GASB 67/68 Report as of June 30, 2025.

In accordance with Governmental Finance Officers Association (GFOA) and their recommended checklist for Annual Comprehensive Financial Reports (ACFRs), we continue to prepare the following disclosures:

Analysis of Financial Experience

This schedule shows the history of gains or losses arising from investment and liability sources, as well as non-recurring items.

Schedule of Funded Liabilities by Type

The schedule of funded liabilities by type (formerly referred to as the solvency test) shows the portion of Actuarial Liabilities for active member contributions, inactive members, and the employer financed portion of the active members that are covered by the Actuarial Value of Assets.

Actuarial Balance Sheet

The actuarial balance sheet shows the components of the Actuarial Liabilities of the Plan and the actuarial assets that are intended to satisfy those liabilities.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

SECTION VI – ANNUAL COMPREHENSIVE FINANCIAL REPORTING INFORMATION

**Table VI-1
Analysis of Financial Experience
Gain (or Loss) in Actuarial Liability During Years Ended June 30
Resulting from Differences Between Assumed Experience
and Actual Experience
(in thousands)**

Type of Activity	Gain (or Loss) for Year Ending June 30									
	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
Investment Income and Expenses	\$ 55,097	\$ 58,147	\$ 11,992	\$ (165,247)	\$ 189,425	\$ (3,288)	\$ (20,208)	\$ 15,963	\$ 34,498	\$ (52,420)
Combined Liability Experience	<u>7,814</u>	<u>(5,664)</u>	<u>(8,913)</u>	<u>12,615</u>	<u>999</u>	<u>(9,654)</u>	<u>(7,038)</u>	<u>(1,158)</u>	<u>(2,720)</u>	<u>8,327</u>
Gain (or Loss) During Year from Financial Experience	\$ 62,911	\$ 52,483	\$ 3,079	\$ (152,632)	\$ 190,424	\$ (12,942)	\$ (27,246)	\$ 14,805	\$ 31,778	\$ (44,093)
Non-Recurring Gain (or Loss) Items	<u>(15,333)</u>	<u>(2,918)</u>	<u>(819)</u>	<u>(14,169)</u>	<u>(43,792)</u>	<u>8,408</u>	<u>(22,230)</u>	<u>(576)</u>	<u>(18,639)</u>	<u>(41,488)</u>
Composite Gain (or Loss) During Year	\$ 47,578	\$ 49,565	\$ 2,260	\$ (166,801)	\$ 146,632	\$ (4,534)	\$ (49,476)	\$ 14,229	\$ 13,139	\$ (85,581)

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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**SECTION VI – ANNUAL COMPREHENSIVE FINANCIAL
REPORTING INFORMATION**

Table VI-2								
Schedule of Funded Liabilities by Type								
(dollars in thousands)								
Valuation Date	(A)	(B)	(C)	Reported Assets	Portion of Actuarial Liabilities Covered by Reported Assets			
	Active Member Contributions	Retirees And Beneficiaries	Remaining Active Members' Liabilities ¹		(A)	(B)	(C)	
June 30,								
2025 ²	\$ 101,713	\$ 1,147,115	\$ 410,727	\$ 1,378,702	100%	100%	32%	
2024	95,828	1,120,290	399,758	1,253,753	100%	100%	9%	
2023	91,021	1,102,303	381,285	1,135,081	100%	95%	0%	
2022 ²	89,217	1,071,129	368,988	1,064,441	100%	91%	0%	
2021 ⁴	88,147	1,038,307	364,778	1,163,254	100%	100%	10%	
2020 ³	84,767	986,071	342,043	919,815	100%	85%	0%	
2019 ²	86,356	932,909	350,930	866,503	100%	84%	0%	
2018	86,585	871,095	344,239	826,654	100%	85%	0%	
2017	85,150	834,643	339,909	753,769	100%	80%	0%	
2016 ²	81,880	804,658	314,657	670,016	100%	73%	0%	

¹ Includes deferred members.

² Reflects revised economic and demographic assumptions.

³ Reflects revised demographic assumptions.

⁴ Reflects revised economic assumptions.

Table VI-3	
Actuarial Balance Sheet as of June 30, 2025	
Assets	
1. Market value of assets	\$ 1,378,701,813
2. Present value of future contributions by members	109,998,314
3. Present value of future employer contributions for normal cost	114,139,349
4. Present value of other future employer contributions (UAL)	280,852,741
5. Total actuarial assets	\$ 1,883,692,217
Liabilities	
6. Present value of retirement allowances payable to retired/disabled members and their survivors	\$ 1,147,114,527
7. Present value of service retirement allowances payable to presently active members and their survivors	521,403,990
8. Present value of allowances payable to current and future vested terminated and their survivors	169,370,752
9. Present value of disability retirement allowances payable to presently active members and their survivors	28,590,870
10. Present value of death benefits payable on behalf of presently active members	3,876,569
11. Present value of members' contributions to be returned upon withdrawal	13,335,509
12. Special Reserves	-
13. Total present value of benefits	\$ 1,883,692,217

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

Summary of Participant Data (By Group) As of June 30, 2025			
	General	Safety	Total
Active Participants			
Number	1,939	350	2,289
Average Age	42.30	37.37	41.55
Average Benefit Service	8.12	8.56	8.19
Average Pay	\$70,652	\$86,305	\$73,045
Service Retired			
Number	1,863	254	2,117
Average Age	72.41	66.40	71.69
Average Annual Total Benefit	\$38,642	\$52,262	\$40,276
Beneficiaries & QDROs			
Number	289	77	366
Average Age	74.90	73.16	74.53
Average Annual Total Benefit	\$20,890	\$32,484	\$23,329
Duty Disabled			
Number	47	87	134
Average Age	69.91	63.89	66.00
Average Annual Total Benefit	\$29,998	\$40,838	\$37,036
Non-Duty Disabled			
Number	38	2	40
Average Age	70.28	66.66	70.10
Average Annual Total Benefit	\$19,620	\$27,821	\$20,030
Total Receiving Benefits			
Number	2,237	420	2,657
Average Age	72.64	67.12	71.77
Average Annual Total Benefit	\$35,844	\$46,153	\$37,473
Terminated Vested			
Number	433	55	488
Average Age	47.39	42.67	46.86
Average Benefit Service	9.10	9.27	9.12
Transfers			
Number	208	58	266
Average Age	49.11	45.32	48.28
Average Benefit Service	5.16	4.75	5.07
Funds on Account			
Number	716	89	805
Average Age	39.70	34.36	39.11
Average Benefit Service	1.28	1.29	1.28
Total Deferred			
Number	1,357	202	1,559
Average Age	43.59	39.77	43.10
Average Benefit Service	4.37	4.46	4.38

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX A – MEMBERSHIP INFORMATION

Summary of Participant Data (General) As of June 30, 2025					
	General Tier 1	General Tier 2	General Tier 3	General Tier 4	General Total
Active Participants					
Number	16	444	43	1,436	1,939
Average Age	59.27	51.10	47.39	39.25	42.30
Average Benefit Service	27.48	19.98	8.08	4.23	8.12
Average Pay	\$114,395	\$85,471	\$107,049	\$64,493	\$70,652
Service Retired					
Number	1,135	682	12	34	1,863
Average Age	74.92	68.70	63.50	65.90	72.41
Average Annual Total Benefit	\$46,651	\$27,181	6,936	12,349	\$38,642
Beneficiaries & QDROs					
Number	230	53	1	5	289
Average Age	77.50	66.61	49.01	48.41	74.90
Average Annual Total Benefit	\$23,332	\$11,746	\$18,286	\$5,961	\$20,890
Duty Disabled					
Number	25	22	0	0	47
Average Age	76.22	62.75	N/A	N/A	69.91
Average Annual Total Benefit	\$33,659	\$25,838	N/A	N/A	\$29,998
Non-Duty Disabled					
Number	23	13	1	1	38
Average Age	77.07	60.93	53.33	52.41	70.28
Average Annual Total Benefit	\$22,898	\$13,841	\$17,236	\$21,737	\$19,620
Total Receiving Benefits					
Number	1,413	770	14	40	2,237
Average Age	75.40	68.26	58.24	63.38	72.64
Average Annual Total Benefit	\$42,239	\$25,855	\$8,482	\$11,785	\$35,844
Terminated Vested					
Number	17	238	41	137	433
Average Age	63.06	49.77	46.27	41.64	47.39
Average Benefit Service	9.86	11.55	4.10	6.24	9.10
Transfers					
Number	8	135	5	60	208
Average Age	60.65	52.11	54.75	40.34	49.11
Average Benefit Service	6.86	5.99	5.84	2.99	5.16
Funds on Account					
Number	3	60	9	644	716
Average Age	65.79	50.53	43.21	38.51	39.70
Average Benefit Service	2.68	2.17	1.58	1.18	1.28
Total Deferred					
Number	28	433	55	841	1,357
Average Age	62.66	50.61	46.54	39.15	43.59
Average Benefit Service	8.24	8.52	3.85	2.13	4.37

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

Summary of Participant Data (Safety) As of June 30, 2025					
	Safety Tier 1	Safety Tier 2	Safety Tier 3	Safety Tier 4	Safety Total
Active Participants					
Number	5	99	6	240	350
Average Age	59.86	47.00	42.83	32.80	37.37
Average Benefit Service	25.94	19.02	9.53	3.87	8.56
Average Pay	\$183,328	\$107,315	\$96,596	\$75,359	\$86,305
Service Retired					
Number	182	70	0	2	254
Average Age	69.72	57.84	N/A	63.00	66.40
Average Annual Total Benefit	\$58,873	\$36,088	N/A	\$16,777	\$52,262
Beneficiaries & QDROs					
Number	72	5	0	0	77
Average Age	74.61	52.30	N/A	N/A	73.16
Average Annual Total Benefit	\$32,732	\$28,909	N/A	N/A	\$32,484
Duty Disabled					
Number	50	36	0	1	87
Average Age	71.51	54.01	N/A	38.38	63.89
Average Annual Total Benefit	\$48,463	\$30,110	N/A	\$45,793	\$40,838
Non-Duty Disabled					
Number	1	1	0	0	2
Average Age	55.54	77.78	N/A	N/A	66.66
Average Annual Total Benefit	\$36,486	\$19,156	N/A	N/A	\$27,821
Total Receiving Benefits					
Number	305	112	0	3	420
Average Age	71.12	56.54	N/A	42.00	67.12
Average Annual Total Benefit	\$50,922	\$33,695	N/A	\$26,449	\$46,153
Terminated Vested					
Number	0	41	2	12	55
Average Age	0.00	44.86	44.81	34.83	42.67
Average Benefit Service	0.00	10.21	4.90	6.78	9.27
Transfers					
Number	1	41	1	15	58
Average Age	56.78	47.82	43.86	37.82	45.32
Average Benefit Service	4.63	5.30	1.26	3.50	4.75
Funds on Account					
Number	0	7	1	81	89
Average Age	0.00	47.33	36.73	33.21	34.36
Average Benefit Service	0.00	1.05	0.09	1.32	1.29
Total Deferred					
Number	1	89	4	108	202
Average Age	56.78	46.42	31.59	34.03	39.77
Average Benefit Service	4.63	7.23	2.48	2.23	4.46

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX A – MEMBERSHIP INFORMATION

Change in Plan Membership: Total									
	Actives	Transfers	Non-Vested Terminations	Vested Terminations	Non-Duty Disabled	Duty Disabled	Retired	Beneficiaries & QDROs	Total
June 30, 2024	2,262	254	747	472	41	134	2,092	356	6,358
New Entrants	330	3	35	0	0	0	0	0	368
Rehires	20	0	(14)	(6)	0	0	0	0	0
Duty Disabilities	(4)	0	0	0	0	5	(1)	0	0
Non-Duty Disabilities	0	0	0	0	0	0	0	0	0
Retirements	(56)	(14)	0	(11)	0	0	81	0	0
Dual Service Retirements	0	0	0	0	0	0	0	0	0
Vested Terminations	(58)	0	0	58	0	0	0	0	0
Transfers	(13)	32	(10)	(9)	0	0	0	0	0
Non-Vested Terminations with Funds on Account	(105)	0	105	0	0	0	0	0	0
Withdrawals Paid	(81)	(8)	(57)	(15)	0	0	0	0	(161)
Died, With Beneficiary	0	0	0	0	0	(2)	(21)	25	2
Died, Without Beneficiary	(3)	0	0	0	(1)	(3)	(37)	0	(44)
Beneficiary Deaths	0	0	0	0	0	0	0	(16)	(16)
Domestic Relations Orders	0	0	0	0	0	0	0	1	1
Data Corrections	(3)	(1)	(1)	(1)	0	0	3	0	(3)
June 30, 2025	2,289	266	805	488	40	134	2,117	366	6,505

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX A – MEMBERSHIP INFORMATION

Change in Plan Membership: General									
	Actives	Transfers	Non-Vested Terminations	Vested Terminations	Non-Duty Disabled	Duty Disabled	Retired	Beneficiaries & QDROs	Total
June 30, 2024	1,932	197	667	419	39	48	1,846	278	5,426
New Entrants	267	1	29	0	0	0	0	0	297
Rehires	19	0	(13)	(6)	0	0	0	0	0
Duty Disabilities	(1)	0	0	0	0	1	0	0	0
Non-Duty Disabilities	0	0	0	0	0	0	0	0	0
Retirements	(49)	(11)	0	(9)	0	0	69	0	0
Dual Service Retirements	0	0	0	0	0	0	0	0	0
Vested Terminations	(51)	0	0	51	0	0	0	0	0
Transfers	(11)	27	(9)	(7)	0	0	0	0	0
Non-Vested Terminations with Funds on Account	(93)	0	93	0	0	0	0	0	0
Withdrawals Paid	(70)	(5)	(51)	(14)	0	0	0	0	(140)
Died, With Beneficiary	0	0	0	0	0	(1)	(19)	22	2
Died, Without Beneficiary	(3)	0	0	0	(1)	(1)	(35)	0	(40)
Beneficiary Deaths	0	0	0	0	0	0	0	(12)	(12)
Domestic Relations Orders	0	0	0	0	0	0	0	1	1
Data Corrections	(1)	(1)	0	(1)	0	0	2	0	(1)
June 30, 2025	1,939	208	716	433	38	47	1,863	289	5,533

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

Change in Plan Membership: Safety									
	Actives	Transfers	Non-Vested Terminations	Vested Terminations	Non-Duty Disabled	Duty Disabled	Retired	Beneficiaries & QDROs	Total
June 30, 2024	330	57	80	53	2	86	246	78	932
New Entrants	63	2	6	0	0	0	0	0	71
Rehires	1	0	(1)	0	0	0	0	0	0
Duty Disabilities	(3)	0	0	0	0	4	(1)	0	0
Non-Duty Disabilities	0	0	0	0	0	0	0	0	0
Retirements	(7)	(3)	0	(2)	0	0	12	0	0
Dual Service Retirements	0	0	0	0	0	0	0	0	0
Vested Terminations	(7)	0	0	7	0	0	0	0	0
Transfers	(2)	5	(1)	(2)	0	0	0	0	0
Non-Vested Terminations with Funds on Account	(12)	0	12	0	0	0	0	0	0
Withdrawals Paid	(11)	(3)	(6)	(1)	0	0	0	0	(21)
Died, With Beneficiary	0	0	0	0	0	(1)	(2)	3	0
Died, Without Beneficiary	0	0	0	0	0	(2)	(2)	0	(4)
Beneficiary Deaths	0	0	0	0	0	0	0	(4)	(4)
Domestic Relations Orders	0	0	0	0	0	0	0	0	0
Data Corrections	(2)	0	(1)	0	0	0	1	0	(2)
June 30, 2025	350	58	89	55	2	87	254	77	972

MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025

APPENDIX A – MEMBERSHIP INFORMATION

Valuation at Year End	Plan Type	Active Member Data by Plan			
		Member Count	Annual Payroll	Average Annual Salary	Average Salary Increase
2016	General	1,729	\$97,337,917	\$56,297	-0.28%
	Safety	311	\$19,394,922	\$62,363	1.02%
	Total	2,040	\$116,732,839	\$57,222	-0.06%
2017	General	1,783	\$102,498,328	\$57,486	2.11%
	Safety	313	\$20,136,322	\$64,333	3.16%
	Total	2,096	\$122,634,651	\$58,509	2.25%
2018	General	1,827	\$108,067,248	\$59,150	2.89%
	Safety	322	\$22,018,174	\$68,379	6.29%
	Total	2,149	\$130,085,423	\$60,533	3.46%
2019	General	1,861	\$111,267,187	\$59,789	1.08%
	Safety	316	\$22,498,224	\$71,197	4.12%
	Total	2,177	\$133,765,412	\$61,445	1.51%
2020	General	1,828	\$112,315,867	\$61,442	2.76%
	Safety	321	\$22,982,055	\$71,595	0.56%
	Total	2,149	\$135,297,921	\$62,959	2.46%
2021	General	1,799	\$116,284,193	\$64,638	5.20%
	Safety	319	\$23,871,550	\$74,832	4.52%
	Total	2,118	\$140,155,743	\$66,174	5.11%
2022	General	1,842	\$120,774,476	\$65,567	1.44%
	Safety	325	\$25,176,047	\$77,465	3.52%
	Total	2,167	\$145,950,524	\$67,351	1.78%
2023	General	1,857	\$126,256,107	\$67,989	3.69%
	Safety	308	\$24,891,179	\$80,816	4.33%
	Total	2,165	\$151,147,286	\$69,814	3.66%
2024	General	1,932	\$135,194,222	\$69,976	2.92%
	Safety	330	\$27,952,496	\$84,705	4.81%
	Total	2,262	\$163,146,718	\$72,125	3.31%
2025	General	1,939	\$136,994,395	\$70,652	0.97%
	Safety	350	\$30,206,584	\$86,305	1.89%
	Total	2,289	\$167,200,979	\$73,045	1.28%

Payroll figures represent active members' annualized pay rates on June 30.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

Retirees and Beneficiaries Added to and Removed from Retiree Payroll										
Fiscal Year	Beginning of Year	Added During Year	Allowances Added	Removed During Year	Allowances Removed	End of Year	Annual Retirement Payroll (in 000s)	Total Allowance Percentage Increase	Average Annual Allowance	Average Allowance Percentage Increase
2016	2,200	68	1,716,361	34	946,189	2,234	65,505,679	3.56%	29,322	1.98%
2017	2,234	85	2,282,779	56	1,022,708	2,263	68,476,111	4.53%	30,259	3.20%
2018	2,263	120	3,617,034	73	1,671,956	2,310	72,002,829	5.15%	31,170	3.01%
2019	2,310	141	4,908,365	78	1,805,138	2,373	76,948,959	6.87%	32,427	4.03%
2020	2,373	126	4,589,556	66	1,555,353	2,433	81,827,236	6.34%	33,632	3.72%
2021	2,433	117	3,953,617	84	2,671,254	2,466	84,975,315	3.85%	34,459	2.46%
2022	2,466	144	4,842,484	87	2,714,427	2,523	88,406,770	4.04%	35,040	1.69%
2023	2,523	135	4,160,108	74	1,793,800	2,584	92,660,543	4.81%	35,859	2.34%
2024	2,584	121	3,678,753	82	2,026,744	2,623	96,370,679	4.00%	36,741	2.46%
2025	2,623	114	3,646,605	80	2,550,161	2,657	99,566,747	3.32%	37,473	1.99%

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

GENERAL

Count

Age	Benefit Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 20	1	0	0	0	0	0	0	0	0	0	1
20 to 25	39	38	0	0	0	0	0	0	0	0	77
25 to 29	58	145	6	0	0	0	0	0	0	0	209
30 to 34	58	148	72	8	0	0	0	0	0	0	286
35 to 39	38	95	96	45	9	0	0	0	0	0	283
40 to 44	27	96	86	55	48	10	1	0	0	0	323
45 to 49	21	54	64	39	39	42	14	0	0	0	273
50 to 54	12	32	37	32	39	35	23	4	1	0	215
55 to 59	10	25	22	18	20	22	19	10	0	0	146
60 to 64	4	11	14	14	13	13	5	1	2	0	77
65 to 69	0	9	11	5	3	5	5	1	1	0	40
70 & up	0	2	2	3	1	1	0	0	0	0	9
Total	268	655	410	219	172	128	67	16	4	0	1,939

Average Compensation

Age	Benefit Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 20	38,646	0	0	0	0	0	0	0	0	0	38,646
20 to 25	48,815	48,534	0	0	0	0	0	0	0	0	48,676
25 to 29	52,082	53,455	64,325	0	0	0	0	0	0	0	53,386
30 to 34	52,502	56,314	73,853	83,258	0	0	0	0	0	0	60,710
35 to 39	59,078	60,568	73,767	83,277	75,354	0	0	0	0	0	68,927
40 to 44	63,464	67,837	73,004	78,438	90,310	88,775	89,710	0	0	0	74,708
45 to 49	55,078	71,429	75,021	83,825	90,537	94,869	86,207	0	0	0	79,878
50 to 54	51,026	69,716	81,743	93,412	98,228	82,930	81,617	91,343	60,923	0	83,227
55 to 59	69,676	68,994	82,570	91,678	69,161	78,273	99,927	88,019	0	0	80,633
60 to 64	45,651	60,725	77,188	96,229	86,297	70,857	66,220	50,814	49,499	0	75,355
65 to 69	0	65,461	65,896	96,587	66,671	61,407	64,447	206,136	74,566	0	72,673
70 & up	0	94,538	112,049	110,100	65,562	58,864	0	0	0	0	96,433
Total	54,534	60,237	74,964	85,829	88,056	84,249	85,459	93,907	58,622	0	70,652



**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

SAFETY

Count

Age	Benefit Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 20	5	0	0	0	0	0	0	0	0	0	5
20 to 25	18	23	0	0	0	0	0	0	0	0	41
25 to 29	19	31	5	0	0	0	0	0	0	0	55
30 to 34	11	26	16	5	0	0	0	0	0	0	58
35 to 39	4	10	20	7	8	0	0	0	0	0	49
40 to 44	0	6	16	7	25	4	0	0	0	0	58
45 to 49	2	1	3	2	17	12	2	0	0	0	39
50 to 54	0	2	4	2	6	7	1	1	0	0	23
55 to 59	1	2	4	1	0	6	2	1	0	0	17
60 to 64	0	0	1	1	0	0	1	0	0	0	3
65 to 69	0	0	0	0	1	0	0	0	0	1	2
70 & up	0	0	0	0	0	0	0	0	0	0	0
Total	60	101	69	25	57	29	6	2	0	1	350

Average Compensation

Age	Benefit Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 20	56,326	0	0	0	0	0	0	0	0	0	56,326
20 to 25	59,772	60,508	0	0	0	0	0	0	0	0	60,185
25 to 29	56,142	62,558	86,842	0	0	0	0	0	0	0	62,549
30 to 34	62,555	75,155	90,649	99,779	0	0	0	0	0	0	79,162
35 to 39	69,675	80,165	94,493	93,822	123,555	0	0	0	0	0	94,192
40 to 44	0	79,365	88,459	100,633	113,410	110,932	0	0	0	0	101,292
45 to 49	117,518	59,155	93,771	99,073	93,306	96,988	201,638	0	0	0	100,692
50 to 54	0	98,125	97,575	100,871	108,590	110,339	106,933	184,021	0	0	108,833
55 to 59	102,835	102,502	113,653	115,176	0	89,261	106,280	162,829	0	0	105,211
60 to 64	0	0	99,840	104,448	0	0	67,184	0	0	0	90,491
65 to 69	0	0	0	0	184,021	0	0	0	0	261,172	222,597
70 & up	0	0	0	0	0	0	0	0	0	0	0
Total	62,149	69,537	92,984	99,184	109,569	100,535	131,659	173,425	0	261,172	86,305



**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

Current Age	Service Retired Benefits					
	<u>General</u>		<u>Safety</u>		<u>Total</u>	
	Number	Annual Average Benefit	Number	Annual Average Benefit	Number	Annual Average Benefit
0-24	0	\$0	0	\$0	0	\$0
25-29	0	\$0	0	\$0	0	\$0
30-34	0	\$0	0	\$0	0	\$0
35-39	0	\$0	0	\$0	0	\$0
40-44	0	\$0	0	\$0	0	\$0
45-49	1	\$812	9	\$53,441	10	\$48,178
50-54	8	\$34,212	28	\$39,712	36	\$38,489
55-59	119	\$37,874	32	\$55,233	151	\$41,553
60-64	255	\$36,893	50	\$55,603	305	\$39,961
65-69	379	\$37,275	41	\$51,238	420	\$38,638
70-74	398	\$42,191	36	\$54,128	434	\$43,181
75-79	345	\$43,449	36	\$56,373	381	\$44,670
80-84	218	\$34,736	16	\$48,262	234	\$35,661
85-89	95	\$32,682	4	\$40,995	99	\$33,018
90-94	37	\$29,618	1	\$45,309	38	\$30,031
95+	8	\$14,756	1	\$73,742	9	\$21,310
All Ages	1,863	\$38,642	254	\$52,262	2,117	\$40,276

Current Age	Duty Disabled Benefits					
	<u>General</u>		<u>Safety</u>		<u>Total</u>	
	Number	Annual Average Benefit	Number	Annual Average Benefit	Number	Annual Average Benefit
0-24	0	\$0	0	\$0	0	\$0
25-29	0	\$0	0	\$0	0	\$0
30-34	0	\$0	0	\$0	0	\$0
35-39	1	\$26,458	1	\$45,793	2	\$36,125
40-44	0	\$0	6	\$35,014	6	\$35,014
45-49	3	\$26,750	9	\$25,851	12	\$26,075
50-54	2	\$39,872	11	\$33,856	13	\$34,782
55-59	2	\$26,593	4	\$58,762	6	\$48,039
60-64	5	\$40,124	14	\$48,427	19	\$46,242
65-69	8	\$26,150	6	\$30,297	14	\$27,927
70-74	8	\$26,504	17	\$36,563	25	\$33,344
75-79	9	\$30,631	9	\$65,623	18	\$48,127
80-84	7	\$32,996	6	\$40,520	13	\$36,469
85-89	0	\$0	4	\$35,464	4	\$35,464
90-94	1	\$22,735	0	\$0	1	\$22,735
95+	1	\$19,034	0	\$0	1	\$19,034
All Ages	47	\$29,998	87	\$40,838	134	\$37,036

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX A – MEMBERSHIP INFORMATION

Non-Duty Disabled Benefits						
Current Age	General		Safety		Total	
	Number	Annual Average Benefit	Number	Annual Average Benefit	Number	Annual Average Benefit
0-24	0	\$0	0	\$0	0	\$0
25-20	0	\$0	0	\$0	0	\$0
30-34	0	\$0	0	\$0	0	\$0
35-39	0	\$0	0	\$0	0	\$0
40-44	1	\$14,883	0	\$0	1	\$14,883
45-49	2	\$18,626	0	\$0	2	\$18,626
50-54	5	\$15,755	0	\$0	5	\$15,755
55-59	1	\$15,021	1	\$36,486	2	\$25,753
60-64	3	\$26,341	0	\$0	3	\$26,341
65-69	5	\$17,108	0	\$0	5	\$17,108
70-74	7	\$18,495	0	\$0	7	\$18,495
75-79	2	\$19,544	1	\$19,156	3	\$19,415
80-84	6	\$17,063	0	\$0	6	\$17,063
85-89	5	\$27,460	0	\$0	5	\$27,460
90-94	1	\$26,825	0	\$0	1	\$26,825
95+	0	\$0	0	\$0	0	\$0
All Ages	38	\$19,620	2	\$27,821	40	\$20,030

Surviving Beneficiary & QDRO Benefits						
Current Age	General		Safety		Total	
	Number	Annual Average Benefit	Number	Annual Average Benefit	Number	Annual Average Benefit
0-24	2	\$9,596	0	\$0	2	\$9,596
25-29	1	\$14,577	0	\$0	1	\$14,577
30-34	1	\$10,974	0	\$0	1	\$10,974
35-39	1	\$1,708	0	\$0	1	\$1,708
40-44	3	\$14,586	2	\$20,706	5	\$17,034
45-49	5	\$20,274	2	\$44,632	7	\$27,233
50-54	9	\$6,451	4	\$27,821	13	\$13,026
55-59	10	\$14,638	3	\$19,091	13	\$15,666
60-64	30	\$15,035	8	\$13,472	38	\$14,706
65-69	30	\$20,055	9	\$35,667	39	\$23,658
70-74	34	\$20,334	8	\$40,744	42	\$24,221
75-79	47	\$30,051	19	\$39,715	66	\$32,833
80-84	46	\$23,423	8	\$33,523	54	\$24,919
85-89	40	\$17,522	10	\$29,711	50	\$19,960
90-94	22	\$20,266	4	\$31,856	26	\$22,049
95+	8	\$32,556	0	\$0	8	\$32,556
All Ages	289	\$20,890	77	\$32,484	366	\$23,329

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

**APPENDIX B – STATEMENT OF CURRENT ACTUARIAL
ASSUMPTIONS AND METHODS**

The assumptions and methods used in the actuarial valuation reflect the results of an experience study performed by Cheiron covering the period from July 1, 2022 through June 30, 2025 and adopted by the Board at their January 22, 2026 meeting. More details on the rationale for the demographic and economic assumptions can be found in the experience study presentation from the January 22, 2026 meeting. The combined effect of the assumptions is expected to have no significant bias for the purpose of this measurement.

A. Actuarial Assumptions

1. Rate of Return

Assets are assumed to earn 6.75% net of investment expenses.

2. Low-Default-Risk Obligation Measure Discount Rate (effective June 30, 2025)

The discount rate used to calculate the Low-Default-Risk Obligation Measure (LDROM) is the FTSE Pension Liability Index as of the valuation date. This index was selected because it reflects the types of fixed-income securities the Plan would likely invest in if the Trustees wanted to match cash flows. The rate for this valuation is 5.58%.

3. Administrative Expenses

Administrative expenses are assumed to be \$3.200 million for the next year to be allocated between the employer and employees based on each group's share of the non-expense related contributions. Administrative expenses in future years are expected to increase with the Consumer Price Index (CPI).

4. Cost of Living

The cost of living as measured by the Consumer Price Index (CPI) will increase at the rate of 2.50% per year.

5. Post Retirement COLA

For Tier 1 members currently in pay status with COLA banks, benefits are assumed to increase by 3.00% per year until the COLA banks are depleted. The COLA banks are assumed to be reduced at a rate of 0.50% per year (3.00% COLA less the 2.50% inflation assumption). Once the COLA banks are exhausted, benefits are assumed to increase at the ultimate COLA rate of 2.40%.

For future Tier 1 retirees and current Tier 1 retirees without COLA Banks, benefits are assumed to increase at a rate of 2.40% per year.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

**APPENDIX B – STATEMENT OF CURRENT ACTUARIAL
ASSUMPTIONS AND METHODS**

6. Increases in Pay

Wage inflation component: 3.00%

Additional longevity and promotion component:

Years of Service	General	Safety	Years of Service	General	Safety
0	8.00%	8.50%	11	2.50%	1.25%
1	6.50%	7.50%	12	2.25%	1.25%
2	6.00%	5.25%	13	2.00%	1.25%
3	5.50%	4.50%	14	1.85%	1.25%
4	5.00%	3.75%	15	1.70%	1.25%
5	4.00%	3.25%	16	1.55%	1.25%
6	3.25%	2.75%	17	1.40%	1.25%
7	2.75%	2.25%	18	1.25%	1.25%
8	2.50%	2.00%	19	1.10%	1.25%
9	2.50%	1.50%	20+	1.00%	1.25%
10	2.50%	1.50%			

7. Final Average Compensation Load

None.

8. Family Composition

55% of female General members, 70% of male General members and 85% of Safety members are assumed to be married at retirement. Male members are assumed to be three years older than their spouses and female members are assumed to be two years younger than their spouses.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

**APPENDIX B – STATEMENT OF CURRENT ACTUARIAL
ASSUMPTIONS AND METHODS**

9. Rates of Mortality

Mortality rates for actives, retirees, disabled members, beneficiaries, terminated vesteds, and reciprocal transfers are based on the sex-distinct employee and annuitant mortality tables as described below. Future mortality improvements are reflected by applying 80% of the SOA MP-2021 projection scale on a generational basis from the base year of 2017 for the CalPERS tables.

Category	Base Mortality Table	
	General	Safety
Healthy Annuitant	1.05 times the CalPERS 2025 Healthy Annuitant Mortality Table	1.05 times the CalPERS 2025 Healthy Annuitant Mortality Table
Duty Disabled Annuitants	CalPERS 2025 Industrial Disability Mortality Table	CalPERS 2025 Industrial Disability Mortality Table
Non-Duty Disabled Annuitant	CalPERS 2025 Non-Industrial Disability Mortality Table	CalPERS 2025 Non-Industrial Disability Mortality Table
Active Employees	CalPERS 2025 Non-Industrial Employees Mortality Table (Miscellaneous Plans Only)	CalPERS 2025 Non-Industrial Safety Employees Mortality Table
Actives, Line of Duty (Safety only)	N/A	CalPERS 2025 Industrial Employees Mortality Table

For determining mortality rates for future disabled members, 50% of future General disabilities are assumed to be duty-related and 50% are assumed to be non-duty related. 100% of future Safety disabilities are assumed to be duty related.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

**APPENDIX B – STATEMENT OF CURRENT ACTUARIAL
ASSUMPTIONS AND METHODS**

10. Rates of Termination

Rates of termination are shown in the following table.

Rates of Termination		
Service	General	Safety
0	22.50%	21.00%
1	17.00%	15.00%
2	12.00%	12.50%
3	11.00%	12.50%
4	10.00%	10.00%
5	9.50%	10.00%
6	8.50%	6.00%
7	8.00%	5.50%
8	7.50%	5.25%
9	7.00%	5.00%
10	6.50%	5.00%
11	6.00%	5.00%
12	5.50%	5.00%
13	5.00%	5.00%
14	5.00%	4.00%
15	5.00%	4.00%
16	5.00%	4.00%
17	5.00%	3.00%
18	5.00%	3.00%
19	5.00%	3.00%
20	5.00%	0.00%
21	5.00%	
22	5.00%	
23	5.00%	
24	5.00%	
25	5.00%	
26	5.00%	
27	5.00%	
28	5.00%	
29	5.00%	
30	0.00%	

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

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There are three types of terminations: withdrawals, reciprocal transfers, and vested terminations. Rates of withdrawal apply to active Members who terminate their employment and withdraw their member contributions, forfeiting entitlement to future Plan benefits. Rates of reciprocal transfer are for members who leave their member contributions on deposit and engage in employment covered by a pension plan with a reciprocal relationship with MercedCERA. Finally, rates of vested termination apply to active Members who terminate their employment and leave their member contributions on deposit with the Plan.

The table below shows the percentages of total terminations falling into these categories.

	Termination Types						
	General				Safety		
	Years of Service						
	0-4	5-9	10-14	15+	0-4	5-9	10+
Withdrawals	95.00%	25.00%	10.00%	5.00%	95.00%	40.00%	20.00%
Transfers	5.00%	37.50%	45.00%	47.50%	5.00%	40.00%	53.33%
Vested Terminations	0.00%	37.50%	45.00%	47.50%	0.00%	20.00%	26.67%

Current and future vested terminated members are assumed to begin receiving benefits at the following ages:

General Members: Age 60
 Safety Non-PEPRA Members: Age 50
 Safety PEPRA Members: Age 55

Current reciprocal transfer members are assumed to begin receiving benefits based on the probabilities of retirement applied to the active members. Future reciprocal transfer members are assumed to begin receiving benefits at the following ages:

General Members: Age 61
 Safety Non-PEPRA Members: Age 53
 Safety PEPRA Members: Age 55

Future reciprocal transfers' annual pay growth is assumed to be 4.00% for General Members and 4.25% for Safety Members while employed by a reciprocal employer. Current reciprocal transfers' pay growth is assumed to increase according to the assumptions applied to the active members until the assumed retirement age.

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11. Rates of Retirement

Rates of retirement are based on age and service according to the following table.

Rates of Retirement										
Age	General					Safety				
	Non-PEPRA			PEPRA		Non-PEPRA		PEPRA		
	Years of Service									
	<20	20-29	30+	5-19	20+	<20	20+	<20	20+	
<40	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
40	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	
41	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	
42	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	
43	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	
44	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	
45	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	5.0%	0.0%	0.0%	
46	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%	
47	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%	
48	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%	
49	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	
50	10.0%	12.5%	15.0%	0.0%	0.0%	10.0%	25.0%	5.0%	12.5%	
51	10.0%	12.5%	15.0%	0.0%	0.0%	10.0%	25.0%	5.0%	12.5%	
52	10.0%	12.5%	15.0%	5.0%	10.0%	5.0%	15.0%	2.5%	7.5%	
53	10.0%	12.5%	15.0%	5.0%	10.0%	5.0%	15.0%	2.5%	7.5%	
54	10.0%	12.5%	25.0%	10.0%	10.0%	15.0%	20.0%	7.5%	10.0%	
55	10.0%	12.5%	30.0%	10.0%	10.0%	15.0%	20.0%	7.5%	10.0%	
56	10.0%	12.5%	30.0%	10.0%	10.0%	15.0%	20.0%	7.5%	10.0%	
57	10.0%	15.0%	30.0%	10.0%	10.0%	15.0%	20.0%	15.0%	20.0%	
58	10.0%	15.0%	30.0%	10.0%	10.0%	15.0%	20.0%	15.0%	20.0%	
59	10.0%	30.0%	30.0%	10.0%	15.0%	15.0%	20.0%	15.0%	20.0%	
60	20.0%	30.0%	30.0%	10.0%	15.0%	15.0%	25.0%	15.0%	25.0%	
61	20.0%	30.0%	30.0%	10.0%	15.0%	15.0%	30.0%	15.0%	30.0%	
62	15.0%	30.0%	30.0%	10.0%	15.0%	25.0%	30.0%	25.0%	30.0%	
63	15.0%	30.0%	30.0%	10.0%	15.0%	25.0%	30.0%	25.0%	30.0%	
64	15.0%	30.0%	30.0%	10.0%	15.0%	25.0%	30.0%	25.0%	30.0%	
65	35.0%	35.0%	35.0%	10.0%	15.0%	100.0%	100.0%	100.0%	100.0%	
66	35.0%	35.0%	35.0%	10.0%	15.0%					
67	35.0%	35.0%	35.0%	30.0%	35.0%					
68	35.0%	35.0%	35.0%	30.0%	35.0%					
69	35.0%	35.0%	35.0%	30.0%	35.0%					
70	100.0%	100.0%	100.0%	100.0%	100.0%					

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12. Rates of Disability

General member rates are based on the unisex 2025 CalPERS Public Agency Miscellaneous Non-Industrial Disability Incidence Table, with disability incidence assumed to be 50% service-connected and 50% non-service-connected.

Safety member rates are based on the 2025 CalPERS Public Agency County Peace Officer Industrial Disability Incidence Table for service-connected disabilities and the Non-Industrial Disability Incidence Table for non-service-connected disabilities.

Representative disability rates for active participants are shown below.

Age	General		Safety	
	Service-Connected	Non-Service Connected ¹	Service-Connected	Non-Service Connected ¹
20	0.0025%	0.0025%	0.0420%	0.0030%
25	0.0025%	0.0025%	0.1310%	0.0030%
30	0.0143%	0.0143%	0.2490%	0.0290%
35	0.0250%	0.0250%	0.4260%	0.0290%
40	0.0484%	0.0484%	0.6160%	0.0450%
45	0.0911%	0.0911%	0.8060%	0.0650%
50	0.1252%	0.1252%	1.0570%	0.0770%
55	0.0941%	0.0941%	1.5050%	0.1180%
60	0.0853%	0.0853%	1.7400%	0.2820%
65	0.0852%	0.0852%	2.0930%	0.5220%

¹ Rates are applied once members have at least five years of service.

13. Member Contribution Balance Crediting Rate

4.75% (2.00% less than the assumed rate of return of 6.75%).

14. Sick Leave Service Load

A 0.40% sick leave service load is applied to service and disability retirements from active status.

15. Changes Since Last Valuation

The demographic and economic assumptions were updated based on the most recent experience study covering the period from July 1, 2022, through June 30, 2025. Please refer to the full experience study presentation for details on the specific changes.

The LDRM discount rate assumption was updated from 5.35% to 5.58%.

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B. Contribution Allocation Procedure

The contribution allocation procedure primarily consists of an actuarial cost method, an asset valuation method, and an amortization method as described below. This contribution allocation procedure, combined with reasonable assumptions, produces a Reasonable Actuarially Determined Contribution as defined in Actuarial Standard of Practice No. 4. The contribution allocation procedure was selected to balance benefit security, intergenerational equity, and the stability of actuarially determined contributions. The selection also considered the demographics of plan members, the funding goals and objectives of the Board, and the need to accumulate assets to make benefit payments when due. There were no changes to the contribution allocation procedures from the prior valuation.

1. Actuarial Cost Method

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 retirement 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.

2. Amortization Method

The UAL (or Surplus Funding) is amortized as a percentage of the projected salaries of present and future members of MercedCERA.

- Effective with the June 30, 2013 valuation, the UAL as of June 30, 2013 is amortized over a closed 16-year period. Effective with the June 30, 2019 valuation, 15% of the outstanding balance as of June 30, 2019 of the June 30, 2013 UAL amortization base is carved out as a separate base and amortized over a closed 14-year period as a level percentage of payroll. The remaining 85% is amortized over a closed 14-year period, with 10 years of level payments as a percentage of payroll, and a four-year ramp down at the end of the period.
- Effective with the June 30, 2014 valuation, any new sources of UAL due to actuarial gains and losses or method changes is amortized over a closed 24-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 15 years of level payments as a percentage of payroll.
- Assumption changes will be amortized over a closed 22-year period, with a three-year ramp up period, two-year ramp down period, and 17 years of level payments as a percentage of payroll. This method is a type of direct rate smoothing method.

3. Asset Valuation Method

As of June 30, 2014, the Market Value of Assets is used to determine the Plan's UAL.

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4. Changes Since Last Valuation

None.

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A. Definitions

Compensation: Compensation means the cash remuneration for services paid by the employer. It includes base pay and certain differential, incentive, and special pay allowances defined by the Board of Retirement. Overtime is excluded, with the exception of overtime paid under the Fair Labor Standards Act that is regular and recurring.

PEPRA: For members joining the Plan on and after January 1, 2013 (Tier 4 Members), only pensionable compensation up to the PEPRA Compensation Limit (for 2026, \$159,733 for those participating in Social Security, \$191,679 for those not participating in Social Security) will count for computing Plan benefits and employee contributions and employer contributions. In future years, the cap on pensionable compensation will increase with the increase in the CPI-U. In addition, some sources of compensation, such as any payments deemed to be terminal or special pays, are excluded from benefit and contribution computations for Tier 4 Members.

Credited Service: In general, Credited Service is earned for the period during which Member Contributions are paid. One year of service credit is earned for each 2,080 hours worked (not including overtime), not to exceed one year of service per year.

Temporary service for which the Member was not credited, or service for which the Member withdrew his or her Member Contributions, may be purchased by paying or repaying the Member Contributions with interest. The categories of services for which credit may be purchased are listed below:

Prior Part-Time Service: If a Member worked for an employer within the Association on a part-time or 'extra help' basis before his membership in the Retirement Association, the Member may buyback this service.

Intermittent Part-Time Service.

Prior Full-Time Service: Member may buyback full-time service that may have been cashed out upon termination.

Leave of Absence (Including Absence with State Disability or Worker's Compensation): No unpaid leave of absence can be bought back except for absence due to medical reasons up to one year.

Public Service: Members may purchase service credit for prior service in the following public agencies: Federal Civil Service, Military Service, and

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some public employers in California. This service is only eligible for purchase when the Board of Supervisors opens the window for purchase.

Military Time: Members who resign or obtain a leave of absence to enter the military may purchase service credit for the period of military service. Members must re-enter employment within one year of terminating military service to be eligible to purchase service.

At retirement, Members have the option to convert 100% of sick leave time into retirement years of service credit. Unrepresented Management and Unit 7 will instead have some or all of their sick leave contributed to the Post Employment Health Plan.

Final

Compensation: For Tier 1 Members, Final Compensation means the highest average Compensation earned during any 26 consecutive pay periods of the Member's employment. For Tier 2 and Tier 3 Members, Final Compensation means the highest average Compensation earned during any 78 consecutive pay periods of the Member's employment.

The following compensation elements are no longer included in Final Compensation computation:

- Loyalty Bonus
- Up to 160 hours of vacation payoff

For Tier 4 Members, highest average Compensation will be based on the highest 36 consecutive months of the Member's employment.

General Member: Any Member who is not a Safety Member is a General Member.

Public Service: During designated periods of time authorized by the County Board of Supervisors, Members may elect to purchase Public Service for time spent while employed in another recognized public agency. The public agency must have a reciprocal agreement with the Plan or be one of several specified municipalities, counties, special districts, or State and Federal agencies. Public Service cannot be purchased if it is used for eligibility for another pension.

The cost to purchase Public Service is twice the Member Contributions and interest applicable for the period of time purchased. Public Service is used to compute benefits but does not count toward eligibility for benefits or vesting.

Safety Member: Any sworn Member engaged in law enforcement or as a probation officer is a Safety Member.

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B. Membership

Eligibility: All full-time and variable-shift permanent employees of Merced County and other participating employers become Members on their first date of service. Membership is mandatory; only elected officials and those entering employment at age 60 or older who are not reciprocal members of another system may choose not to participate.

PEPRA: A New Member is any Member joining the Plan for the first time on or after January 1, 2013. Employees who transfer from and are eligible for reciprocity with another public employer will not be Tier 4 Members if their service in the reciprocal system was under a pre-PEPRA tier. Employees who were Members of MercedCERA prior to January 1, 2013, experienced a break in service of more than six months, and then were re-employed by a *different* MercedCERA-participating employer on or after January 1, 2013 will be considered Tier 4 Members for all subsequent service.

Member

Contributions: Each Member contributes a percentage of Compensation to the Plan through a pre-tax payroll deduction. The percentage contributed depends on the Member's age upon joining the Plan. Complete Rates are shown in Appendix D.

Members covered by Social Security have their contributions reduced by one-third on the first \$161.54 of biweekly Compensation. General Members who joined the Plan prior to March 7, 1973, and who have earned 30 years of Credited Service do not contribute; Safety Members do not contribute after earning 30 years of Credited Service.

PEPRA: Tier 4 Members must contribute half of the normal cost of the Plan. Contributions for these Members will be based on the Normal Cost associated with their benefits; General and Safety members will pay different Rates.

Tier 4 Members will pay a single contribution rate, not a rate based on entry age. All Tier 4 Members are expected to continue contributing after earning 30 years of service.

Interest is credited semi-annually to each Member's accumulated contributions. The crediting rate is set by the Board, and will fluctuate between zero and two percent less than the assumed rate of return (currently $6.75\% - 2.00\% = 4.75\%$), based in part on the investment earnings during that period.

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C. Service Retirement

Eligibility: Tier 1 General Members are eligible to retire at age 50 if they have earned 10 years of Credited Service. Tier 1 General Members hired prior to December 31, 1978, may retire upon reaching age 65 with no service requirement.

Tier 2 and Tier 3 General Members are eligible to retire at age 55 if they have earned 10 years of Credited Service or upon reaching age 70 with no service requirement.

Alternatively, all Tier 1, 2, and 3 General Members are eligible to retire at any age after having earned 30 years of Credited Service, or upon reaching age 70 with no service requirement.

Safety Members are eligible to retire at age 50 if they have earned 10 years of Credited Service. Alternatively, Safety Members are eligible to retire at any age after having earned 20 years of Credited Service, or upon reaching age 70 with no service requirement. All Tier 1, 2, and 3 Safety Members hired prior to December 31, 1978, may retire upon reaching age 65 with no service requirement.

PEPRA: Tier 4 General Members are eligible to retire upon attaining age 52 and completing five or more years of service. Tier 4 Safety Members are eligible to retire upon attaining age 50 and completing five or more years of service. Tier 4 Members are eligible to retire, regardless of service, after attaining age 70.

Benefit Amount: The Service Retirement Benefit payable to the Member is equal to the Member's Final Compensation multiplied by credited service, the benefit factor from Table 1, and the age factor from Table 2 corresponding to the Member's code section. The appropriate code sections for each group are listed in Table 1. For General Members in the Merced County Cemetery District and those in Deferred Inactive Reciprocity status prior to March 15, 2005, benefits are calculated using the formula in Government Code Section 31676.11 or 31676.1.

For Tiers 1, 2, and 3, the percentage of Final Compensation may not exceed 100%. For those members integrated with Social Security, Retirement Benefits based on the first \$350 of monthly Final Average Compensation are reduced by one-third.

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Table 1:

Group	Open or Closed	FAP	Max COLA	Code Section	Description	Top Retirement Factor Age	Benefit Factor
General Tier 1	Closed	1	3	31676.17	3% at 60	60	2.00%
General Tier 2	Closed ¹	3	0	31676.17	3% at 60	60	2.00%
General Tier 2 (Cemetery)	Closed ¹	3	0	31676.11	2% at 58 1/2	65	1.67%
General Tier 3	Closed ¹	3	0	31676.1	2.43% at 65	65	1.67%
General Tier 4	Open	3	0	7522.20(a)	PEPRA	67	1.00%
Safety Tier 1	Closed	1	3	31664.1	3% at 50	50	3.00%
Safety Tier 2	Closed	3	0	31664.1	3% at 50	50	3.00%
Safety Tier 3	Closed ¹	3	0	31664	2% at 50	55	2.00%
Safety Tier 4	Open	3	0	7522.25(d)	PEPRA	57	1.00%

¹ Open for reciprocal members.

Table 2:

Age	General 3% @ 60 CERL: 31676.17	General 2% @ 58 1/2 CERL: 31676.11	General 2.43% @ 65 CERL: 31676.1	General PEPRA GC: 7522.20(a)	Safety 3% @ 50 CERL: 31664.1	Safety 2% @ 50 CERL: 31664	Safety PEPRA GC: 7522.25(d)
41	N/A	N/A	N/A	N/A	0.6258	0.6258	N/A
42	N/A	N/A	N/A	N/A	0.6625	0.6625	N/A
43	N/A	N/A	N/A	N/A	0.7004	0.7004	N/A
44	N/A	N/A	N/A	N/A	0.7397	0.7397	N/A
45	N/A	N/A	N/A	N/A	0.7805	0.7805	N/A
46	N/A	N/A	N/A	N/A	0.8226	0.8226	N/A
47	N/A	N/A	N/A	N/A	0.8678	0.8678	N/A
48	N/A	N/A	N/A	N/A	0.9085	0.9085	N/A
49	N/A	N/A	N/A	N/A	0.9522	0.9522	N/A
50	1.0000	0.7454	0.7091	N/A	1.0000	1.0000	2.0000
51	1.0500	0.7882	0.7457	N/A	1.0000	1.0516	2.1000
52	1.1000	0.8346	0.7816	1.0000	1.0000	1.1078	2.2000
53	1.1500	0.8850	0.8181	1.1000	1.0000	1.1692	2.3000
54	1.2000	0.9399	0.8556	1.2000	1.0000	1.2366	2.4000
55	1.2500	1.0000	0.8954	1.3000	1.0000	1.3099	2.5000
56	1.3000	1.0447	0.9382	1.4000	1.0000	1.3099	2.6000
57	1.3500	1.1048	0.9846	1.5000	1.0000	1.3099	2.7000
58	1.4000	1.1686	1.0350	1.6000	1.0000	1.3099	2.7000
59	1.4500	1.2365	1.0899	1.7000	1.0000	1.3099	2.7000
60	1.5000	1.3093	1.1500	1.8000	1.0000	1.3099	2.7000
61	1.5000	1.3608	1.1947	1.9000	1.0000	1.3099	2.7000
62	1.5000	1.4123	1.2548	2.0000	1.0000	1.3099	2.7000
63	1.5000	1.4638	1.3186	2.1000	1.0000	1.3099	2.7000
64	1.5000	1.5153	1.3865	2.2000	1.0000	1.3099	2.7000
65	1.5000	1.5668	1.4593	2.3000	1.0000	1.3099	2.7000
66	1.5000	1.5668	1.4593	2.4000	1.0000	1.3099	2.7000
67	1.5000	1.5668	1.4593	2.5000	1.0000	1.3099	2.7000

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Form of Benefit: The Service Retirement Benefit will be paid monthly beginning at retirement and for the life of the Member. If the member selects the unmodified benefit form, in the event of the Member's death 60% of the benefit will continue for the life of the Member's eligible spouse, domestic partner, or to the age of majority of dependent minor children if there is no eligible spouse or domestic partner. To be eligible to receive this benefit, a surviving spouse or domestic partner must be married or state-registered at least one year prior to retirement. In the event there is no eligible surviving spouse, domestic partner, or minor children, any unpaid remainder of the Member's accumulated contributions will be paid to the Member's designated beneficiary.

Actuarially equivalent optional benefit forms are also available.

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are "banked" and used for future increases when the CPI increases by less than 3%.

A lump sum benefit of \$3,000 will be payable upon the death of a retired member.

D. Service-Connected Disability

Eligibility: Members are eligible for Service-Connected Disability Retirement benefits at any age if they are permanently disabled as a result of injuries or illness sustained in the line of duty.

Benefit Amount: The Service-Connected Disability Retirement Benefit payable to Members is equal to the greater of 50% of their Final Compensation or – if the Member is eligible at disability for a Service Retirement Benefit – the Service Retirement Benefit accrued on the date of disability.

Members who return to work at a different position with lower pay may receive a Supplemental Disability Allowance that, when added to their new pay, may bring the Member's total income up to the current pay for his or her position at the time of disability. The Supplemental Disability Allowance may not exceed the Service-Connected Disability Retirement benefit.

Form of Benefit: The Service-Connected Disability Retirement Benefit will be paid monthly beginning at the effective date of disability retirement and for the life of the Member; in the event of the Member's death, 100% of the benefit will continue for the life of the Member's eligible spouse, domestic partner, or to the age of majority of dependent minor children if there is no eligible spouse or domestic partner. In the event there is no eligible

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surviving spouse, domestic partner, or minor children, any unpaid remainder of the Member's accumulated contributions will be paid to the Member's designated beneficiary.

Actuarially equivalent optional benefit forms are also available.

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are "banked" and used for future increases when the CPI increases by less than 3%.

A lump sum benefit of \$3,000 will be payable upon the death of a retired member.

E. Non Service-Connected Disability

Eligibility: Members are eligible for Non Service-Connected Disability Retirement benefits if they are permanently disabled at any age after earning five years of Credited Service or after becoming eligible for a deferred vested benefit.

Benefit Amount: The Non Service-Connected Disability Retirement Benefit payable to General Members is equal to the greatest of:

- 1.5% of Final Compensation at disability multiplied by years of Credited Service at disability,
- 1.5% of Final Compensation at disability multiplied by years of Credited Service projected to age 65, but not to exceed one-third of Final Compensation, or
- If the Member is eligible at disability for a Service Retirement Benefit, the Service Retirement Benefit accrued on the date of disability.

The Non Service-Connected Disability Retirement Benefit payable to Safety Members is equal to the greatest of:

- 1.8% of Final Compensation at disability multiplied by years of Credited Service at disability,
- 1.8% of Final Compensation at disability multiplied by years of Credited Service projected to age 55, but not to exceed one-third of Final Compensation, or
- If the Member is eligible at disability for a Service Retirement Benefit, the Service Retirement Benefit accrued on the date of disability.

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APPENDIX C – SUMMARY OF PLAN PROVISIONS

Members who return to work at a different position with lower pay may receive a Supplemental Disability Allowance that, when added to their new pay, may bring the Member's total income up to the current pay for his or her position at the time of disability. The Supplemental Disability Allowance may not exceed the Non Service-Connected Disability Retirement benefit.

Form of Benefit: The Non Service-Connected Disability Retirement Benefit will be paid monthly beginning at the effective date of disability retirement, and for the life of the Member; in the event of the Member's death, 60% of the benefit will continue for the life of the Member's eligible spouse, domestic partner, or to the age of majority of dependent minor children if there is no spouse. In the event there is no eligible surviving spouse, domestic partner, or minor children, any unpaid remainder of the Member's accumulated contributions will be paid to the Member's designated beneficiary.

Actuarially equivalent optional benefit forms are also available.

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are "banked" and used for future increases when the CPI increases by less than 3%.

A lump sum benefit of \$3,000 will be payable upon the death of a retired member.

F. Service-Connected Death

Eligibility: A Member's survivors are eligible to receive Service-Connected Death benefits if the Member's death resulted from injury or illness sustained in connection with the Member's duties.

Benefit Amount: The Service-Connected Death benefit payable to an eligible surviving spouse, domestic partner, or minor children will be 50% of the Member's Final Compensation.

Furthermore, for Safety Members only, there will be an additional lump sum benefit of 12 months of pay at the time of death. An additional benefit of 25% of the above basic benefit will be paid for the first minor child, 15% for the second, and 10% for the third.

Form of Benefit: The Service-Connected Death Benefit will be paid monthly beginning at the Member's death and for the life of the eligible surviving spouse, domestic partner, or to the age of majority of dependent minor children if there is no eligible surviving spouse or domestic partner.

MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025

APPENDIX C – SUMMARY OF PLAN PROVISIONS

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are “banked” and used for future increases when the CPI increases by less than 3%.

G. Non Service-Connected Death

Eligibility: A Member’s survivors are eligible to receive Non Service-Connected Death benefits if the Member’s death arose from causes unrelated to the Member’s duties.

Benefit Amount: In the event the Member had earned fewer than five years of Credited Service and has no or insufficient reciprocity service from another system, the Non Service-Connected Death benefit will be a refund of the Member’s accumulated contributions with interest plus a payment of one month of Final Compensation for each year of Credited Service, not to exceed six months.

In the event the Member had earned five or more years of Credited Service, the Non Service-Connected Death benefit payable to an eligible surviving spouse, domestic partner, or minor children will be 60% of the amount the Member would have received as a Non Service-Connected Disability Retirement Benefit on the date of death.

Form of Benefit: For Members who had earned fewer than five years of Credited Service at death, the benefit will be paid as a lump sum.

For Members with five or more years of Credited Service, the Non Service-Connected Death Benefit will be paid monthly beginning at the Member’s death and for the life of the eligible surviving spouse, domestic partner, or to the age of majority of dependent minor children if there is no eligible spouse or domestic partner.

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are “banked” and used for future increases when the CPI increases by less than 3%.

H. Withdrawal Benefit

Eligibility: A Member is eligible for a Withdrawal Benefit upon termination of employment.

MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX C – SUMMARY OF PLAN PROVISIONS

Benefit Amount: The Withdrawal Benefit is a refund of the Member's accumulated Contributions with interest. Upon receipt of the Withdrawal Benefit, the Member forfeits all Credited Service.

Form of Benefit: The Withdrawal Benefit is paid in a lump sum upon election by the Member.

I. Deferred Vested Benefit

Eligibility: A Member is eligible for a Deferred Vested Benefit upon termination of employment after earning five years of Credited Service, including reciprocity service from another system. The Member must leave his or her Member Contributions with interest on deposit with the Plan.

Benefit Amount: The Deferred Vested Benefit is computed in the same manner as the Service Retirement Benefit, but it is based on Credited Service and Final Compensation on the date of termination.

Form of Benefit: The Deferred Vested Benefit will be paid monthly beginning at retirement and for the life of the Member; in the event of the Member's death, 60% of the benefit will continue for the life of the Member's eligible surviving spouse, domestic partner, or to the age of majority of dependent minor children if there is no eligible surviving spouse or domestic partner. In the event there is no eligible surviving spouse, domestic partner, or minor children, any unpaid remainder of the Member's accumulated contributions will be paid to the Member's designated beneficiary.

Actuarially equivalent optional benefit forms are also available.

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are "banked" and used for future increases when the CPI increases by less than 3%.

A lump sum benefit of \$3,000 will be payable upon the death of a retired member.

J. Reciprocal Benefit

Eligibility: A Member is eligible for a Reciprocal Benefit upon termination of employment and entry, within a specified period of time, into another retirement system recognized as a reciprocal system by the Plan. In addition, the Member must leave his or her Member Contributions with interest on deposit with the Plan.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX C – SUMMARY OF PLAN PROVISIONS

Benefit Amount: The Reciprocal Benefit is computed in the same manner as the Service Retirement Benefit, but it is based on Credited Service on the date of termination and Final Compensation on the date of retirement; Final Compensation is based on the highest of the Compensation earned under this Plan or the reciprocal plan.

Form of Benefit: The Reciprocal Benefit will be paid monthly beginning at retirement and for the life of the Member; in the event of the Member's death, 60% of the benefit will continue for the life of the Member's eligible surviving spouse, domestic partner, or to the age of majority of dependent minor children if there is no eligible surviving spouse or domestic partner. In the event there is no eligible surviving spouse, domestic partner, or minor children, any unpaid remainder of the Member's accumulated contributions will be paid to the Member's designated beneficiary.

Actuarially equivalent optional benefit forms are also available.

Annually on April 1, Tier 1 benefits are increased to reflect increases in the CPI for the San Francisco Bay Area. Annual increases may not exceed 3%, but CPI increases in excess of 3% are "banked" and used for future increases when the CPI increases by less than 3%.

A lump sum benefit may be payable upon the death of a retired Member by the last system under which the Member's service was covered.

K. Changes Since Last Valuation

None.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX D – MEMBER CONTRIBUTION RATES

Contribution Rates

Employee contribution rates vary by member Group and Tier. For non-PEPRA members, the rates were updated this year, following an experience study covering the period July 1, 2022 – June 30, 2025. For PEPRA members, the Rates were also re-computed, in accordance with the requirement that employees pay half of the total normal cost rate from the most recent actuarial valuation.

Non-PEPRA Members

- The basic rates are determined based on Government Code Section 31621.8 for General Tier 1 and Tier 2 members (31621.1 for Tier 2 members under benefit section 31676.11), 31621 for General Tier 3 members, and Section 31639.25 for Safety members. The COLA Rates for members in Tier 1 are determined based on 50% of the normal cost associated with the expected COLA benefits, including joint and survivor benefits, determined for each individual entry age.
- The rates are determined based on an interest rate of 6.75% per annum, an average salary increase of 3.00% per year (plus service-based increases for merit/longevity) and the healthy annuitant mortality tables used in the most recent valuation, projected using 80% of Projection Scale MP-2021 to 2046. The rates are blended based on a male/female weighting of 25% male / 75% female for General members, and 65% male / 35% female for Safety members.
- Effective with the June 30, 2013 valuation, an administrative expense load was added to the rates. The expense load added is currently 3.7%. This load was determined to account for the employees' share of the assumed administrative expense assumption, assuming the employer and employees would share administrative expenses in proportion to their overall share of the contributions. The load produces an average increase in the employee rates of approximately 0.31% of payroll.

PEPRA Members

- Employee contribution rates are equal to half of the total normal cost rate from the actuarial valuation, determined separately for General and Safety. Due to the passage of SB13, contribution rates for PEPRA members are not rounded, and will be recomputed each year.
- An administrative expenses load of 3.7% was applied to the PEPRA rates.

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
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APPENDIX D – MEMBER CONTRIBUTION RATES

Current Year Contribution Rates (General Non-PEPRA):

Entry Age	Basic		Tier 1 COLA		Total		Tier 2 Basic		Tier 3 Basic	
	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350
16	5.88%	8.82%	1.45%	2.18%	7.33%	11.00%	5.66%	8.49%	4.11%	6.16%
17	5.88%	8.82%	1.45%	2.18%	7.33%	11.00%	5.66%	8.49%	4.11%	6.16%
18	5.88%	8.82%	1.45%	2.18%	7.33%	11.00%	5.66%	8.49%	4.11%	6.16%
19	5.88%	8.82%	1.45%	2.18%	7.33%	11.00%	5.66%	8.49%	4.11%	6.16%
20	5.88%	8.82%	1.45%	2.18%	7.33%	11.00%	5.66%	8.49%	4.11%	6.16%
21	5.98%	8.98%	1.50%	2.25%	7.48%	11.23%	5.76%	8.64%	4.17%	6.25%
22	6.09%	9.13%	1.55%	2.32%	7.64%	11.45%	5.85%	8.77%	4.24%	6.36%
23	6.19%	9.28%	1.61%	2.41%	7.80%	11.69%	5.95%	8.93%	4.31%	6.47%
24	6.29%	9.44%	1.65%	2.48%	7.94%	11.92%	6.05%	9.07%	4.39%	6.57%
25	6.40%	9.59%	1.71%	2.56%	8.11%	12.15%	6.15%	9.23%	4.45%	6.68%
26	6.50%	9.76%	1.75%	2.63%	8.25%	12.39%	6.25%	9.38%	4.53%	6.79%
27	6.62%	9.92%	1.80%	2.71%	8.42%	12.63%	6.37%	9.55%	4.60%	6.91%
28	6.73%	10.10%	1.86%	2.78%	8.59%	12.88%	6.48%	9.72%	4.68%	7.02%
29	6.85%	10.28%	1.91%	2.86%	8.76%	13.14%	6.58%	9.88%	4.76%	7.14%
30	6.98%	10.46%	1.96%	2.95%	8.94%	13.41%	6.71%	10.06%	4.84%	7.26%
31	7.10%	10.65%	2.02%	3.03%	9.12%	13.68%	6.83%	10.25%	4.93%	7.38%
32	7.23%	10.85%	2.08%	3.12%	9.31%	13.97%	6.96%	10.43%	5.01%	7.52%
33	7.36%	11.04%	2.14%	3.20%	9.50%	14.24%	7.08%	10.62%	5.09%	7.64%
34	7.51%	11.26%	2.19%	3.29%	9.70%	14.55%	7.21%	10.82%	5.19%	7.78%
35	7.64%	11.47%	2.25%	3.37%	9.89%	14.84%	7.33%	10.99%	5.28%	7.91%
36	7.78%	11.67%	2.31%	3.46%	10.09%	15.13%	7.45%	11.17%	5.37%	8.06%
37	7.91%	11.86%	2.36%	3.55%	10.27%	15.41%	7.56%	11.34%	5.46%	8.20%
38	8.04%	12.05%	2.42%	3.63%	10.46%	15.68%	7.66%	11.50%	5.57%	8.36%
39	8.15%	12.23%	2.48%	3.71%	10.63%	15.94%	7.77%	11.66%	5.67%	8.50%
40	8.26%	12.39%	2.52%	3.77%	10.78%	16.16%	7.86%	11.79%	5.77%	8.65%
41	8.37%	12.56%	2.52%	3.79%	10.89%	16.35%	7.95%	11.93%	5.86%	8.79%
42	8.46%	12.69%	2.53%	3.80%	10.99%	16.49%	8.03%	12.04%	5.95%	8.93%
43	8.54%	12.82%	2.53%	3.80%	11.07%	16.62%	8.10%	12.15%	6.04%	9.05%
44	8.64%	12.95%	2.53%	3.80%	11.17%	16.75%	8.18%	12.28%	6.11%	9.17%
45	8.73%	13.10%	2.52%	3.77%	11.25%	16.87%	8.26%	12.40%	6.19%	9.28%
46	8.84%	13.25%	2.52%	3.79%	11.36%	17.04%	8.35%	12.52%	6.25%	9.38%
47	8.94%	13.41%	2.52%	3.77%	11.46%	17.18%	8.40%	12.60%	6.32%	9.47%
48	9.02%	13.53%	2.51%	3.76%	11.53%	17.29%	8.41%	12.62%	6.38%	9.56%
49	9.05%	13.58%	2.50%	3.75%	11.55%	17.33%	8.38%	12.57%	6.44%	9.65%
50	9.03%	13.55%	2.49%	3.73%	11.52%	17.28%	8.32%	12.48%	6.50%	9.76%
51	8.98%	13.47%	2.44%	3.66%	11.42%	17.13%	8.23%	12.35%	6.56%	9.85%
52	8.91%	13.36%	2.40%	3.59%	11.31%	16.95%	8.10%	12.15%	6.61%	9.91%
53	8.80%	13.20%	2.35%	3.53%	11.15%	16.73%	8.36%	12.54%	6.62%	9.92%
54	8.63%	12.94%	2.31%	3.46%	10.94%	16.40%	8.63%	12.94%	6.60%	9.89%
55	8.53%	12.81%	2.27%	3.40%	10.80%	16.21%	8.53%	12.81%	6.54%	9.82%
56	8.45%	12.67%	2.18%	3.27%	10.63%	15.94%	8.45%	12.67%	6.48%	9.72%
57	8.36%	12.54%	2.09%	3.14%	10.45%	15.68%	8.36%	12.54%	6.38%	9.56%
58	8.25%	12.38%	2.02%	3.03%	10.27%	15.41%	8.25%	12.38%	6.57%	9.86%
59+	8.15%	12.23%	1.96%	2.93%	10.11%	15.16%	8.15%	12.23%	6.79%	10.18%



**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX D – MEMBER CONTRIBUTION RATES

Current Year Contribution Rates (Safety Non-PEPRA):

Entry Age	Basic		Tier 1 COLA		Total		Tier 2 & 3 Basic	
	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350
20	6.48%	9.73%	2.57%	3.86%	9.05%	13.59%	6.22%	9.33%
21	6.58%	9.87%	2.63%	3.95%	9.21%	13.82%	6.32%	9.47%
22	6.67%	10.01%	2.71%	4.05%	9.38%	14.06%	6.40%	9.60%
23	6.77%	10.15%	2.76%	4.14%	9.53%	14.29%	6.49%	9.74%
24	6.85%	10.29%	2.82%	4.23%	9.67%	14.52%	6.58%	9.87%
25	6.96%	10.44%	2.87%	4.31%	9.83%	14.75%	6.68%	10.02%
26	7.06%	10.59%	2.93%	4.41%	9.99%	15.00%	6.77%	10.16%
27	7.17%	10.74%	2.99%	4.48%	10.16%	15.22%	6.88%	10.31%
28	7.27%	10.90%	3.04%	4.55%	10.31%	15.45%	6.97%	10.45%
29	7.37%	11.05%	3.08%	4.61%	10.45%	15.66%	7.07%	10.61%
30	7.48%	11.22%	3.08%	4.63%	10.56%	15.85%	7.18%	10.76%
31	7.59%	11.39%	3.10%	4.66%	10.69%	16.05%	7.28%	10.92%
32	7.70%	11.56%	3.13%	4.70%	10.83%	16.26%	7.39%	11.09%
33	7.83%	11.74%	3.17%	4.76%	11.00%	16.50%	7.51%	11.26%
34	7.95%	11.93%	3.21%	4.82%	11.16%	16.75%	7.62%	11.44%
35	8.08%	12.11%	3.27%	4.91%	11.35%	17.02%	7.75%	11.62%
36	8.21%	12.32%	3.32%	4.98%	11.53%	17.30%	7.88%	11.82%
37	8.35%	12.53%	3.37%	5.06%	11.72%	17.59%	8.02%	12.02%
38	8.50%	12.76%	3.43%	5.14%	11.93%	17.90%	8.14%	12.22%
39	8.65%	12.97%	3.47%	5.22%	12.12%	18.19%	8.26%	12.40%
40	8.80%	13.21%	3.53%	5.29%	12.33%	18.50%	8.38%	12.57%
41	8.93%	13.40%	3.52%	5.27%	12.45%	18.67%	8.47%	12.71%
42	9.05%	13.58%	3.49%	5.25%	12.54%	18.83%	8.56%	12.83%
43	9.16%	13.73%	3.52%	5.28%	12.68%	19.01%	8.61%	12.91%
44	9.23%	13.84%	3.54%	5.31%	12.77%	19.15%	8.63%	12.94%
45	9.28%	13.92%	3.52%	5.27%	12.80%	19.19%	8.62%	12.92%
46	9.29%	13.94%	3.48%	5.23%	12.77%	19.17%	8.53%	12.81%
47	9.28%	13.92%	3.46%	5.20%	12.74%	19.12%	8.39%	12.58%
48	9.14%	13.70%	3.44%	5.16%	12.58%	18.86%	8.65%	12.97%
49+	8.93%	13.39%	3.43%	5.14%	12.36%	18.53%	8.93%	13.39%

**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX D – MEMBER CONTRIBUTION RATES

Prior Year Contribution Rates (General Non-PEPRA):

Entry Age	Basic		Tier 1 COLA		Total		Tier 2 Basic		Tier 3 Basic	
	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350
16	5.57%	8.36%	1.46%	2.19%	7.03%	10.55%	5.38%	8.06%	3.86%	5.79%
17	5.57%	8.36%	1.46%	2.19%	7.03%	10.55%	5.38%	8.06%	3.86%	5.79%
18	5.57%	8.36%	1.46%	2.19%	7.03%	10.55%	5.38%	8.06%	3.86%	5.79%
19	5.57%	8.36%	1.46%	2.19%	7.03%	10.55%	5.38%	8.06%	3.86%	5.79%
20	5.57%	8.36%	1.46%	2.19%	7.03%	10.55%	5.38%	8.06%	3.86%	5.79%
21	5.67%	8.51%	1.50%	2.26%	7.17%	10.77%	5.47%	8.21%	3.93%	5.89%
22	5.77%	8.66%	1.55%	2.33%	7.32%	10.99%	5.56%	8.35%	4.00%	6.00%
23	5.88%	8.83%	1.61%	2.41%	7.49%	11.24%	5.67%	8.51%	4.07%	6.11%
24	5.99%	8.98%	1.66%	2.49%	7.65%	11.47%	5.77%	8.66%	4.14%	6.22%
25	6.10%	9.16%	1.71%	2.56%	7.81%	11.72%	5.88%	8.83%	4.22%	6.33%
26	6.22%	9.32%	1.75%	2.62%	7.97%	11.94%	6.00%	8.99%	4.30%	6.44%
27	6.33%	9.50%	1.79%	2.69%	8.12%	12.19%	6.10%	9.16%	4.38%	6.57%
28	6.45%	9.68%	1.84%	2.77%	8.29%	12.45%	6.23%	9.33%	4.45%	6.68%
29	6.58%	9.86%	1.90%	2.84%	8.48%	12.70%	6.34%	9.51%	4.54%	6.81%
30	6.70%	10.05%	1.94%	2.91%	8.64%	12.96%	6.45%	9.69%	4.62%	6.93%
31	6.83%	10.25%	2.00%	2.99%	8.83%	13.24%	6.59%	9.88%	4.71%	7.07%
32	6.97%	10.45%	2.04%	3.07%	9.01%	13.52%	6.71%	10.07%	4.80%	7.20%
33	7.11%	10.66%	2.10%	3.15%	9.21%	13.81%	6.85%	10.28%	4.89%	7.33%
34	7.25%	10.88%	2.14%	3.22%	9.39%	14.10%	6.98%	10.47%	4.98%	7.47%
35	7.40%	11.10%	2.21%	3.30%	9.61%	14.40%	7.11%	10.66%	5.08%	7.61%
36	7.53%	11.30%	2.26%	3.39%	9.79%	14.69%	7.23%	10.85%	5.17%	7.76%
37	7.68%	11.51%	2.31%	3.47%	9.99%	14.98%	7.36%	11.03%	5.27%	7.92%
38	7.80%	11.70%	2.37%	3.55%	10.17%	15.25%	7.47%	11.20%	5.38%	8.07%
39	7.93%	11.89%	2.43%	3.65%	10.36%	15.54%	7.57%	11.36%	5.48%	8.23%
40	8.05%	12.07%	2.49%	3.73%	10.54%	15.80%	7.68%	11.51%	5.58%	8.38%
41	8.16%	12.25%	2.50%	3.75%	10.66%	16.00%	7.77%	11.66%	5.69%	8.53%
42	8.26%	12.39%	2.52%	3.78%	10.78%	16.17%	7.85%	11.78%	5.78%	8.67%
43	8.35%	12.53%	2.54%	3.80%	10.89%	16.33%	7.94%	11.90%	5.87%	8.81%
44	8.44%	12.67%	2.54%	3.80%	10.98%	16.47%	8.03%	12.05%	5.96%	8.93%
45	8.56%	12.84%	2.54%	3.80%	11.10%	16.64%	8.12%	12.18%	6.03%	9.04%
46	8.67%	13.00%	2.54%	3.80%	11.21%	16.80%	8.22%	12.32%	6.10%	9.16%
47	8.79%	13.18%	2.54%	3.80%	11.33%	16.98%	8.27%	12.40%	6.17%	9.26%
48	8.88%	13.31%	2.53%	3.79%	11.41%	17.10%	8.30%	12.44%	6.24%	9.36%
49	8.92%	13.39%	2.50%	3.75%	11.42%	17.14%	8.28%	12.41%	6.31%	9.47%
50	8.91%	13.36%	2.47%	3.70%	11.38%	17.06%	8.22%	12.33%	6.38%	9.57%
51	8.86%	13.29%	2.41%	3.63%	11.27%	16.92%	8.15%	12.22%	6.45%	9.68%
52	8.80%	13.20%	2.37%	3.55%	11.17%	16.75%	8.03%	12.04%	6.50%	9.75%
53	8.71%	13.06%	2.31%	3.47%	11.02%	16.53%	8.28%	12.42%	6.52%	9.77%
54	8.55%	12.82%	2.27%	3.41%	10.82%	16.23%	8.55%	12.82%	6.50%	9.75%
55	8.46%	12.69%	2.23%	3.34%	10.69%	16.03%	8.46%	12.69%	6.46%	9.70%
56	8.37%	12.56%	2.14%	3.21%	10.51%	15.77%	8.37%	12.56%	6.40%	9.60%
57	8.28%	12.41%	2.06%	3.09%	10.34%	15.50%	8.28%	12.41%	6.31%	9.46%
58	8.17%	12.26%	1.99%	2.98%	10.16%	15.24%	8.17%	12.26%	6.51%	9.76%
59+	8.06%	12.09%	1.94%	2.90%	10.00%	14.99%	8.06%	12.09%	6.71%	10.07%



**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX D – MEMBER CONTRIBUTION RATES

Prior Year Contribution Rates (Safety Non-PEPRA):

Entry Age	Basic		Tier 1 COLA		Total		Tier 2 & 3 Basic	
	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350
20	6.07%	9.11%	2.50%	3.75%	8.57%	12.86%	5.84%	8.76%
21	6.16%	9.25%	2.56%	3.84%	8.72%	13.09%	5.94%	8.90%
22	6.27%	9.40%	2.62%	3.93%	8.89%	13.33%	6.02%	9.03%
23	6.36%	9.54%	2.67%	4.01%	9.03%	13.55%	6.12%	9.18%
24	6.46%	9.70%	2.74%	4.10%	9.20%	13.80%	6.22%	9.32%
25	6.56%	9.84%	2.79%	4.19%	9.35%	14.03%	6.31%	9.47%
26	6.66%	10.00%	2.84%	4.26%	9.50%	14.26%	6.41%	9.61%
27	6.78%	10.16%	2.89%	4.34%	9.67%	14.50%	6.52%	9.77%
28	6.88%	10.32%	2.93%	4.40%	9.81%	14.72%	6.62%	9.92%
29	6.99%	10.48%	2.96%	4.44%	9.95%	14.92%	6.72%	10.09%
30	7.11%	10.66%	2.95%	4.43%	10.06%	15.09%	6.83%	10.25%
31	7.22%	10.83%	2.98%	4.48%	10.20%	15.31%	6.94%	10.41%
32	7.35%	11.01%	2.98%	4.48%	10.33%	15.49%	7.06%	10.59%
33	7.47%	11.20%	3.03%	4.54%	10.50%	15.74%	7.18%	10.76%
34	7.59%	11.39%	3.07%	4.60%	10.66%	15.99%	7.30%	10.95%
35	7.73%	11.59%	3.12%	4.67%	10.85%	16.26%	7.43%	11.15%
36	7.86%	11.80%	3.18%	4.78%	11.04%	16.58%	7.56%	11.34%
37	8.01%	12.02%	3.24%	4.87%	11.25%	16.89%	7.70%	11.55%
38	8.17%	12.26%	3.30%	4.96%	11.47%	17.22%	7.84%	11.76%
39	8.32%	12.47%	3.37%	5.06%	11.69%	17.53%	7.97%	11.95%
40	8.47%	12.71%	3.44%	5.16%	11.91%	17.87%	8.09%	12.13%
41	8.61%	12.92%	3.42%	5.13%	12.03%	18.05%	8.19%	12.29%
42	8.73%	13.11%	3.45%	5.18%	12.18%	18.29%	8.28%	12.41%
43	8.84%	13.26%	3.49%	5.23%	12.33%	18.49%	8.34%	12.50%
44	8.92%	13.39%	3.52%	5.28%	12.44%	18.67%	8.36%	12.55%
45	8.98%	13.48%	3.53%	5.30%	12.51%	18.78%	8.36%	12.55%
46	9.01%	13.52%	3.51%	5.27%	12.52%	18.79%	8.30%	12.44%
47	9.01%	13.52%	3.51%	5.26%	12.52%	18.78%	8.16%	12.25%
48	8.88%	13.31%	3.51%	5.27%	12.39%	18.58%	8.42%	12.63%
49+	8.69%	13.03%	3.53%	5.29%	12.22%	18.32%	8.69%	13.03%



**MERCED COUNTY EMPLOYEES' RETIREMENT ASSOCIATION
ACTUARIAL VALUATION REPORT AS OF JUNE 30, 2025**

APPENDIX D – MEMBER CONTRIBUTION RATES

Current Year Contribution Rates (PEPRA):

PEPRA Rates		
	General	Safety
	7.28%	11.41%
Assumptions:		
Interest	6.75%	
Salary	2025 Valuation Scale (service-based, includes wage inflation at 3.0%)	
Mortality	CalPERS 2025 tables projected with 80% of MP-2021	
Other	Same as June 30, 2025 valuation (see Appendix B)	

Prior Year Contribution Rates (PEPRA):

PEPRA Rates		
	General	Safety
	7.21%	11.28%
Assumptions:		
Interest	6.75%	
Salary	2022 Valuation Scale (service-based, includes wage inflation at 2.75%)	
Mortality	CalPERS 2021 / PubS(B) 2010 tables, projected with 80% of MP-2020	
Other	Same as June 30, 2024 valuation (see Appendix B)	

APPENDIX E – GLOSSARY

1. Actuarial Assumptions

Assumptions as to the occurrence of future events affecting pension costs such as mortality, withdrawal, disability, retirement, changes in compensation, and rates of investment return.

2. Actuarial Cost Method

A procedure for determining the actuarial present value of pension plan benefits and expenses and for developing an allocation of such value to each year of service, usually in the form of a normal cost and an Actuarial Liability.

3. Actuarial Gain (Loss)

The difference between actual experience and that expected is based upon a set of actuarial assumptions during the period between two actuarial valuation dates, as determined in accordance with a particular actuarial cost method.

4. Actuarial Liability

The portion of the actuarial present value of projected benefits which will not be paid by future normal costs. It represents the value of the past normal costs with interest to the valuation date.

5. Actuarial Present Value (Present Value)

The value as of a given date of a future amount or series of payments. The actuarial present value discounts the payments to the given date at the assumed investment return and includes the probability of the payment being made.

6. Actuarial Valuation

The determination, as of a specified date, of the normal cost, Actuarial Liability, Actuarial Value of Assets, and related actuarial present values for a pension plan.

7. Actuarial Value of Assets

The value of cash, investments, and other property belonging to a pension plan as used by the actuary for the purpose of an actuarial valuation. The purpose of an Actuarial Value of Assets is to smooth out fluctuations in market values. No longer applicable as of the June 30, 2014 actuarial valuation.

APPENDIX E – GLOSSARY

8. Actuarially Equivalent

Of equal actuarial present value, determined as of a given date, with each value based on the same set of actuarial assumptions.

9. Amortization Payment

The portion of the pension plan contribution that is designed to pay interest and principal on the Unfunded Actuarial Liability in order to pay for that liability in a given number of years.

10. Entry Age Normal Actuarial Cost Method

A method under which 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.

11. Funded Ratio

The ratio of the Market Value of Assets to the Actuarial Liabilities.

12. Normal Cost

That portion of the actuarial present value of pension plan benefits and expenses, which is allocated to a valuation year by the actuarial cost method.

13. Projected Benefits

Those pension plan benefit amounts which are expected to be paid in the future under a particular set of actuarial assumptions, taking into account such items as increases in future compensation and service credits.

14. Unfunded Actuarial Liability

The excess of the Actuarial Liability over the Market Value of Assets.



Classic Values, Innovative Advice