



GASB 68 Accounting Report

**Prepared for
Miscellaneous Risk Pool,
a Cost-Sharing Multiple-Employer
Defined Benefit Pension Plan**

Measurement Date of June 30, 2022

Table of Contents

Actuarial Certification	3
Introduction	4
Changes in the Miscellaneous Risk Pool Net Pension Liability	5
Pension Expense/(Income) for the Measurement Period Ended June 30, 2022	6
Deferred Outflows and Deferred Inflows of Resources Related to Pensions	7
Required Supplementary Information	8

Appendix A – Risk Pool Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

Schedule of Changes of Assumptions	A-1
Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Changes of Assumptions	A-2
Schedule of Differences Between Expected and Actual Experience	A-3
Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Differences Between Expected and Actual Experience	A-4
Schedule of Differences Between Projected and Actual Earnings on Pension Plan Investments	A-5
Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Differences Between Projected and Actual Earnings on Pension Plan Investments	A-6
Summary of Recognized Deferred Outflows of Resources and Deferred Inflows of Resources	A-7

Appendix B – Interest and Total Projected Earnings

Risk Pool Interest on Total Pension Liability and Total Projected Earnings	B-1
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Appendix C – Schedule of Collective Pension Amounts

Schedule of Collective Pension Amounts for PERF C, as of the Measurement Date June 30, 2022	C-1
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Actuarial Certification

This report provides disclosure and reporting information as required under Governmental Accounting Standards Board Statement 68 (GASB 68) for the Miscellaneous Risk Pool, which is part of the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (the Plan or PERF C) administered by the California Public Employees' Retirement System (CalPERS), for the measurement period ended June 30, 2022.

This report is to be viewed solely for the purpose of financial accounting requirements. Any usage of the contents provided in this report for purposes other than financial accounting requirements would be inappropriate.

This accounting report relies on liabilities and related validation work performed by the CalPERS Actuarial Office as part of the June 30, 2021 annual funding valuation. The census data and benefit provisions underlying the liabilities were prepared as of June 30, 2021 and certified as part of the annual funding valuation by the CalPERS Actuarial Office. The June 30, 2021 liabilities, which were rolled forward to June 30, 2022 and used for this accounting report, are based on actuarial assumptions adopted by the CalPERS Board of Administration and consistent with the requirements of GASB 68. The assumptions and methods are internally consistent and reasonable for PERF C. The asset information used in this accounting report is provided by the CalPERS Financial Office.

With the provided liability and asset information, the total pension liability, net pension liability, deferred inflows and outflows and pension expense were developed for the measurement period using standard actuarial techniques.

The undersigned are actuaries who satisfy the Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States with regard to pensions.

IAN OSUGI, ASA, MAAA
Senior Actuary, CalPERS

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Senior Actuary, CalPERS

Introduction

This is the GASB 68 accounting report for the Miscellaneous Risk Pool for the measurement date June 30, 2022. The Public Agency cost-sharing multiple-employer defined benefit pension plan (the Plan or PERF C) is administered by the California Public Employees' Retirement System (CalPERS). PERF C consists of a miscellaneous pool and a safety pool (also referred to as "risk pools"), which are comprised of individual employer miscellaneous and safety valuation rate plans, respectively. Individual employers may sponsor more than one miscellaneous and safety valuation rate plan. The employer participates in one cost-sharing multiple-employer defined benefit pension plan regardless of the number of valuation rate plans the employer sponsors. Each employer should combine information provided for their participation in the miscellaneous and/or safety pools to report them as one Plan in their financial statements.

GASB 68 requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used.

Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Measurement Period	July 1, 2021 to June 30, 2022

Changes in the Miscellaneous Risk Pool Net Pension Liability

The following table shows the changes in the net pension liability recognized over the measurement period.

	Increase (Decrease)		
	Total Pension Liability (a)	Risk Pool Fiduciary Net Position (b)	Net Pension Liability/(Asset) (c) = (a) – (b)
Balance at: 06/30/2021	\$19,964,594,105	\$18,065,791,524	\$1,898,802,581
Beginning of Year Adjustment	\$0	\$0	\$0
Adjusted Balance at: 06/30/2021	\$19,964,594,105	\$18,065,791,524	\$1,898,802,581
Changes Recognized for the Measurement Period:			
Service Cost	491,778,396		491,778,396
Interest on Total Pension Liability	1,400,310,792		1,400,310,792
Changes of Benefit Terms	3,710,632		3,710,632
Changes of Assumptions	657,071,478		657,071,478
Differences Between Expected and Actual Experience	(86,245,219)		(86,245,219)
Net Plan to Plan Resource Movement		(8,366,463)	8,366,463
Contributions – Employer		869,907,904	(869,907,904)
Contributions – Employees		209,139,593	(209,139,593)
Net Investment Income		(1,373,096,757)	1,373,096,757
Benefit Payments, Including Refunds of Employee Contributions	(981,321,786)	(981,321,786)	0
Administrative Expense		(11,382,676)	11,382,676
Other Miscellaneous (Income)/Expense		0	0
Net Changes During 2021-22	\$1,485,304,293	(\$1,295,120,185)	\$2,780,424,478
Balance at: 06/30/2022	\$21,449,898,398	\$16,770,671,339	\$4,679,227,059

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

	Discount Rate -1% 5.90%	Current Discount Rate 6.90%	Discount Rate +1% 7.90%
Risk Pool's Net Pension Liability/(Asset)	\$7,603,234,935	\$4,679,227,059	\$2,273,494,154

Pension Expense/(Income) for the Measurement Period Ended June 30, 2022

Description	Amount
Service Cost	\$491,778,396
Interest on Total Pension Liability	1,400,310,792
Changes of Benefit Terms	3,710,632
Recognized Changes of Assumptions	177,586,886
Recognized Differences Between Expected and Actual Experience	95,652,767
Net Plan to Plan Resource Movement	8,366,463
Employee Contributions	(209,139,593)
Projected Earnings on Pension Plan Investments	(1,248,092,300)
Recognized Differences Between Projected and Actual Earnings on Plan Investments	106,524,712
Administrative Expense	11,382,676
Other Miscellaneous (Income)/Expense	0
Total Pension Expense/(Income)	\$838,081,431

Note: Employers should also include changes in proportion and differences between actual and proportionate share of contributions in the pension expense computation.

Deferred Outflows and Deferred Inflows of Resources Related to Pensions

The following table presents deferred outflows and deferred inflows of resources related to pensions as of June 30, 2022. Note that no adjustments have been made for contributions subsequent to the measurement date. Appropriate treatment of any contributions made after the measurement date is the responsibility of the employer. Employers are also responsible for determining the difference between the employers' actual and allocated contributions and changes in proportion.

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of Assumptions	\$479,484,592	\$0
Differences Between Expected and Actual Experience	\$93,968,044	(\$62,935,700)
Net Difference Between Projected and Actual Earnings on Pension Plan Investments	857,110,099	0
Total	\$1,430,562,735	(\$62,935,700)

Amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized in future pension expense as follows:

Measurement Periods Ended June 30:	Deferred Outflows/(Inflows) of Resources
2023	\$356,682,534
2024	312,537,227
2025	174,169,461
2026	524,237,813
2027	0
Thereafter	0

Expected Average Remaining Service Lifetime (EARSL)

The EARSL for PERF C for the measurement period ending June 30, 2022 is 3.7 years, which was obtained by dividing the total service years of 574,665 (the sum of remaining service lifetimes of the active employees) by 153,587 (the total number of participants: active, inactive, and retired) in PERF C. Inactive employees and retirees have remaining service lifetimes equal to 0. Total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

Required Supplementary Information

Summary of Changes of Benefits or Assumptions

Changes of Benefit Terms: There were no changes to benefit terms that applied to all members of the Public Agency Pool. However, individual employers in the Plan may have provided a benefit improvement to their employees such as Golden Handshakes, service purchases, and other prior service costs. Employers that have done so may need to report this information as a separate liability in their financial statement as CalPERS considers such amounts to be separately financed employer-specific liabilities. These employers should consult with their auditors. Additionally, the figures above do not include any liability impact that occurred after the June 30, 2021 valuation date, unless the liability impact is deemed to be material to the Public Agency Pool.

Changes of Assumptions: Effective with the June 30, 2021 valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.90%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2021 CalPERS Experience Study and Review of Actuarial Assumptions.

Employers should refer to CalPERS' Annual Comprehensive Financial Report for the fiscal year ended June 30, 2022, which may be accessed on the CalPERS website at www.calpers.ca.gov, to obtain the required supplementary information for proper financial reporting.

Appendices

- **Appendix A – Risk Pool Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions**
- **Appendix B – Interest and Total Projected Earnings**
- **Appendix C – Schedule of Collective Pension Amounts**

Appendix A

Risk Pool Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

- Schedule of Changes of Assumptions
- Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Changes of Assumptions
- Schedule of Differences Between Expected and Actual Experience
- Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Differences Between Expected and Actual Experience
- Schedule of Differences Between Projected and Actual Earnings on Pension Plan Investments
- Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Differences Between Projected and Actual Earnings on Pension Plan Investments
- Summary of Recognized Deferred Outflows of Resources and Deferred Inflows of Resources

Schedule of Changes of Assumptions

**Increase (Decrease) in Pension Expense Arising From the Recognition of the
 Effects of Changes of Assumptions**

Measurement Date	Changes of Assumptions	Recognition Period (Years)	Increase (Decrease) in Pension Expense Arising From the Recognition of the Effects of Changes of Assumptions						
			2022	2023	2024	2025	2026	2027	Thereafter
2014	\$0	0.0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2015	(242,065,946)	3.8	0	0	0	0	0	0	0
2016	0	0.0	0	0	0	0	0	0	0
2017	907,027,295	3.8	0	0	0	0	0	0	0
2018	(142,903,842)	3.8	0	0	0	0	0	0	0
2019	0	0.0	0	0	0	0	0	0	0
2020	0	0.0	0	0	0	0	0	0	0
2021	0	0.0	0	0	0	0	0	0	0
2022	657,071,478	3.7	177,586,886	177,586,886	177,586,886	124,310,820	0	0	0
Net Increase (Decrease) in Pension Expense			\$177,586,886	\$177,586,886	\$177,586,886	\$124,310,820	\$0	\$0	\$0

Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Changes of Assumptions

Measurement Date	Increase in Total Pension Liability (a)	Decrease in Total Pension Liability (b)	Amounts Recognized in Pension Expense Through June 30, 2022 (c)	Balances at June 30, 2022	
				Deferred Outflows of Resources (a) – (c)	Deferred Inflows of Resources (b) – (c)
2014	\$0	\$0	\$0	\$0	\$0
2015	0	(242,065,946)	(242,065,946)	0	0
2016	0	0	0	0	0
2017	907,027,295	0	907,027,295	0	0
2018	0	(142,903,842)	(142,903,842)	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	657,071,478	0	177,586,886	479,484,592	0
				\$479,484,592	\$0

Schedule of Differences Between Expected and Actual Experience

Increase (Decrease) in Pension Expense Arising From the Recognition of the Effects of Differences Between Expected and Actual Experience

Measurement Date	Differences Between Expected and Actual Experience	Recognition Period (Years)	Increase (Decrease) in Pension Expense Arising From the Recognition of the Effects of Differences Between Expected and Actual Experience							
			2022	2023	2024	2025	2026	2027	Thereafter	
2014	\$0	0.0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2015	25,585,821	3.8	0	0	0	0	0	0	0	0
2016	(3,805,440)	3.7	0	0	0	0	0	0	0	0
2017	(102,359,669)	3.8	0	0	0	0	0	0	0	0
2018	196,241,321	3.8	0	0	0	0	0	0	0	0
2019	251,306,290	3.8	52,906,588	0	0	0	0	0	0	0
2020	77,379,161	3.8	20,362,937	16,290,350	0	0	0	0	0	0
2021	169,063,216	3.7	45,692,761	45,692,761	31,984,933	0	0	0	0	0
2022	(86,245,219)	3.7	(23,309,519)	(23,309,519)	(23,309,519)	(16,316,662)	0	0	0	0
Net Increase (Decrease) in Pension Expense			\$95,652,767	\$38,673,592	\$8,675,414	(\$16,316,662)	\$0	\$0	\$0	\$0

Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Differences Between Expected and Actual Experience

Measurement Date	Experience Losses (a)	Experience Gains (b)	Amounts Recognized in Pension Expense Through June 30, 2022 (c)	Balances at June 30, 2022	
				Deferred Outflows of Resources (a) – (c)	Deferred Inflows of Resources (b) – (c)
2014	\$0	\$0	\$0	\$0	\$0
2015	25,585,821	0	25,585,821	0	0
2016	0	(3,805,440)	(3,805,440)	0	0
2017	0	(102,359,669)	(102,359,669)	0	0
2018	196,241,321	0	196,241,321	0	0
2019	251,306,290	0	251,306,290	0	0
2020	77,379,161	0	61,088,811	16,290,350	0
2021	169,063,216	0	91,385,522	77,677,694	0
2022	0	(86,245,219)	(23,309,519)	0	(62,935,700)
				\$93,968,044	(\$62,935,700)

Schedule of Differences Between Projected and Actual Earnings on Pension Plan Investments

**Increase (Decrease) in Pension Expense Arising From the Recognition of the Differences
 Between Projected and Actual Earnings on Pension Plan Investments**

Measurement Date	Differences Between Projected and Actual Earnings on Pension Plan Investments	Recognition Period (Years)	Increase (Decrease) in Pension Expense Arising From the Recognition of the Differences Between Projected and Actual Earnings on Pension Plan Investments						
			2022	2023	2024	2025	2026	2027	Thereafter
2014	(\$910,997,066)	5.0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2015	571,477,513	5.0	0	0	0	0	0	0	0
2016	772,867,770	5.0	0	0	0	0	0	0	0
2017	(448,702,781)	5.0	0	0	0	0	0	0	0
2018	(169,486,738)	5.0	(33,897,346)	0	0	0	0	0	0
2019	70,735,658	5.0	14,147,132	14,147,130	0	0	0	0	0
2020	300,498,116	5.0	60,099,623	60,099,623	60,099,624	0	0	0	0
2021	(2,290,312,540)	5.0	(458,062,508)	(458,062,508)	(458,062,508)	(458,062,508)	0	0	0
2022	2,621,189,057	5.0	524,237,811	524,237,811	524,237,811	524,237,811	524,237,813	0	0
Net Increase (Decrease) in Pension Expense			\$106,524,712	\$140,422,056	\$126,274,927	\$66,175,303	\$524,237,813	\$0	\$0

Deferred Outflows of Resources and Deferred Inflows of Resources Arising From Differences Between Projected and Actual Earnings on Pension Plan Investments

Measurement Date	Investment Earnings Less Than Projected (a)	Investment Earnings Greater Than Projected (b)	Amounts Recognized in Pension Expense Through June 30, 2022 (c)	Balances at June 30, 2022	
				Deferred Outflows of Resources (d) = (a) – (c)	Deferred Inflows of Resources (e) = (b) – (c)
2014	\$0	(\$910,997,066)	(\$910,997,066)	\$0	\$0
2015	571,477,513	0	571,477,513	0	0
2016	772,867,770	0	772,867,770	0	0
2017	0	(448,702,781)	(448,702,781)	0	0
2018	0	(169,486,738)	(169,486,738)	0	0
2019	70,735,658	0	56,588,528	14,147,130	0
2020	300,498,116	0	180,298,869	120,199,247	0
2021	0	(2,290,312,540)	(916,125,016)	0	(1,374,187,524)
2022	2,621,189,057	0	524,237,811	2,096,951,246	0
				\$2,231,297,623	(\$1,374,187,524)
				Net Deferred Outflows/(Inflows) of Resources	
				(d) + (e)	
				\$857,110,099	

Note: GASB 68 paragraph 33 requires that deferred outflows of resources and deferred inflows of resources arising from differences between projected and actual pension plan investment earnings in different measurement periods should be aggregated and reported as a net deferred outflow or inflow.

Summary of Recognized Deferred Outflows of Resources and Deferred Inflows of Resources

Net Increase (Decrease) in Pension Expense

	2022	2023	2024	2025	2026	2027	Thereafter
Changes of Assumptions Differences Between Expected and Actual Experience	\$177,586,886	\$177,586,886	\$177,586,886	\$124,310,820	\$0	\$0	\$0
Net Differences Between Projected and Actual Earnings on Pension Plan Investments	95,652,767	38,673,592	8,675,414	(16,316,662)	0	0	0
	106,524,712	140,422,056	126,274,927	66,175,303	524,237,813	0	0
Grand Total	\$379,764,365	\$356,682,534	\$312,537,227	\$174,169,461	\$524,237,813	\$0	\$0

Appendix B

Interest and Total Projected Earnings

- Risk Pool Interest on Total Pension Liability and Total Projected Earnings

Risk Pool Interest on Total Pension Liability and Total Projected Earnings

Interest on Total Pension Liability	Amount for Period (a)	Portion of Period (b)	Interest Rate (c)	Interest on the Total Pension Liability (a) X (b) X (c)
Beginning Total Pension Liability	\$19,964,594,105	100%	6.90%	\$1,377,556,993
Changes of Benefit Terms	3,710,632	100%	6.90%	256,034
Changes of Assumptions	657,071,478	100%	6.90%	45,337,932
Difference Between Expected and Actual Experience	(86,245,219)	100%	6.90%	(5,950,920)
Service Cost	491,778,396	50%	6.90%	16,966,355
Benefit Payments, Including Refunds of Employee Contributions	(981,321,786)	50%	6.90%	(33,855,602)
Total Interest on Total Pension Liability				\$1,400,310,792

Projected Earnings on Pension Plan Investments	Amount for Period (a)	Portion of Period (b)	Projected Rate of Return (c)	Projected Earnings (a) X (b) X (c)
Beginning Plan Fiduciary Net Position Excluding Receivables ¹	\$18,048,395,551	100%	6.90%	\$1,245,339,293
Net Plan to Plan Resource Movement	(8,366,463)	50%	6.90%	(288,643)
Employer Contributions	869,907,904	50%	6.90%	30,011,823
Employee Contributions ²	210,960,329	50%	6.90%	7,278,131
Benefit Payments, Including Refunds of Employee Contributions	(981,321,786)	50%	6.90%	(33,855,602)
Administrative Expense	(11,382,676)	50%	6.90%	(392,702)
Other Miscellaneous Income/(Expense)	0	50%	6.90%	0
Total Projected Earnings				\$1,248,092,300

¹ Includes any beginning of year adjustment. Contribution receivables for employee service buybacks, totaling \$17,395,973 as of June 30, 2021, were excluded for purposes of calculating projected earnings on pension plan investments.

² The increase/(decrease) in contribution receivables for employee service buybacks, totaling \$(1,820,736) during the fiscal year 2021-22, were excluded for purposes of calculating projected earnings on pension plan investments.

Appendix C

Schedule of Collective Pension Amounts

- Schedule of Collective Pension Amounts for PERF C, as of the Measurement Date June 30, 2022

Schedule of Collective Pension Amounts for PERF C, as of the Measurement Date June 30, 2022

	Miscellaneous	Safety	Total
Total Pension Liability	\$21,449,898,398	\$28,076,076,740	\$49,525,975,138
Plan Fiduciary Net Position	\$16,770,671,339	\$21,204,498,824	\$37,975,170,163
Net Pension Liability	\$4,679,227,059	\$6,871,577,916	\$11,550,804,975
Deferred Outflows of Resources			
Changes of Assumptions	\$479,484,592	\$692,863,075	\$1,172,347,667
Differences Between Expected and Actual Experience	93,968,044	284,389,647	378,357,691
Net Difference Between Projected and Actual			
Investment Earnings on Pension Plan Investments	857,110,099	1,085,118,205	1,942,228,304
Total Deferred Outflows of Resources Excluding Employer Specific Amounts¹	\$1,430,562,735	\$2,062,370,927	\$3,492,933,662
Deferred Inflows of Resources			
Changes of Assumptions	\$0	\$0	\$0
Differences Between Expected and Actual Experience	(62,935,700)	(74,619,914)	(137,555,614)
Net Difference Between Projected and Actual			
Investment Earnings on Pension Plan Investments	0	0	0
Total Deferred Inflows of Resources Excluding Employer Specific Amounts¹	(\$62,935,700)	(\$74,619,914)	(\$137,555,614)
Plan Pension Expense	\$838,081,431	\$1,299,786,418	\$2,137,867,849

¹ No adjustments have been made for employer specific amounts such as changes in proportion, differences between employer contributions and proportionate share of contributions, and contributions to the Plan subsequent to the measurement date as defined in paragraphs 54, 55, and 57 of GASB 68. Appropriate treatment of such amounts is the responsibility of the employer.