

California JPIA

California Room 8081 Moody Street La Palma, California 90623

AGENDA

EXECUTIVE COMMITTEE OF THE BOARD OF DIRECTORS

REGULAR MEETING

November 20, 2024

5:30 P.M.

CALL TO ORDER President Margaret Finlay

PLEDGE OF ALLEGIANCE President Margaret Finlay

ROLL CALL Steve Croft

Marshall Goodman Sonny Santa Ines

Steve Tye Chuong Vo Mark Waronek

Secretary, Tom Chavez

Vice President Mary Ann Reiss President Margaret Finlay

ORAL COMMUNICATIONS Any persons present desiring to address the Executive

Committee on any proper matter may do so at this time.

CONSENT CALENDAR All items under Consent Calendar may be enacted by one

motion. Any item may be removed from the Consent Calendar

and acted upon separately by the Executive Committee.

1. APPROVAL Minutes of October 23, 2024 Regular Meeting

2. RECEIVE AND FILE Treasurer's Monthly Compliance Report for October 2024

3. RECEIVE AND FILE Local Agency Investment Fund Quarterly Report as of

September 30, 2024

4. RECEIVE AND FILE	Los Angeles County Pooled Investment Fund Report as of September 30, 2024
5. RECEIVE AND FILE	Annotated Agenda from 2024 Executive Committee Workshop
6. RECEIVE AND FILE	Investment Performance Review for the Quarter Ended September 30, 2024

REPORTS AND RECOMMENDATIONS

7. RECEIVE AND FILE	CAJPA Legislative Update
8. RECEIVE AND FILE	Actuarial Study as of June 30, 2024
9. RECEIVE AND FILE	2024 Liability Claims Handling Audit
10. RECEIVE AND FILE	Liability Program Stewardship Report
11. RECEIVE AND FILE	Governance Program
12. APPROVAL	Award of Contract for Construction Management Services
13. RESOLUTION NO. 2024-11 WR	Warrant Register A RESOLUTION OF THE EXECUTIVE COMMITTEE OF THE BOARD OF DIRECTORS OF THE CALIFORNIA JOINT POWERS INSURANCE AUTHORITY ALLOWING CERTAIN CLAIMS AND DEMANDS IN THE TOTAL OF \$8,598,629.10.

ADJOURNMENT To a meeting on December 11, 2024, at 5:30 p.m., in the

California Room of the California JPIA, 8081 Moody Street,

La Palma, CA 90623.

In compliance with Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Agency Clerk at (562) 467-8736. Notification 48 hours before meeting will enable the Authority to make reasonable arrangements to ensure accessibility. (28 CFR 35.102.35.104 ADA Title II)

TELECONFERENCE PARTICIPATION

To be a voting participant in action items appearing on the agenda, the participant's teleconference location must appear below, and the participant must have posted the agenda in a location accessible to the general public no less than 72 hours prior to the announced meeting time, in accordance and within the requirements of the Brown Act (Gov. Code, § 54950 et seq.). At the announced time of the meeting, teleconference participants (unless otherwise instructed) should call the California

JPIA's teleconference number at (253) 215-8782, enter Meeting ID: 814 7757 4645 Password: 594843 and identify themselves for the record.

To access the video conferencing and view the meeting online, go to https://cjpia.zoom.us/j/81477574645?pwd=p6XVLHIDk3PcbaA2ejAwNl5O0bQUzI.1&from=addon.

If you have any problems with the meeting link or connecting to the meeting, please call Veronica Ruiz at (562) 455-0321.

TELECONFERENCE

Chuong Vo

LOCATIONS 17702 Owen Avenue

Cerritos, CA 90703

Dated: November 15, 2024 Posted: November 15, 2024

s/Veronica Ruiz
Veronica Ruiz, CMC
Agency Clerk

AFFIDAVIT OF POSTING

I, Veronica Ruiz, declare as follows: That I am the duly designated Agency Clerk for the California Joint Powers Insurance Authority, and that I caused to be posted the foregoing agenda in accordance with the Brown Act. Dated this 15th day of November, 2024.

By: Veronica Ruiz, CMC, Agency Clerk

CALIFORNIA JPIA

MINUTES

EXECUTIVE COMMITTEE OF THE BOARD OF DIRECTORS

REGULAR MEETING

October 23, 2024

5:30 P.M.

CALL TO ORDER President Finlay called the regular meeting of the

Executive Committee of the California JPIA to order at 5:45 p.m. in the El Capitan Room at the California JPIA, 8081 Moody Street, La Palma, CA

90623.

ROLL CALL A quorum was established by roll call.

PRESENT: Steve Croft

Marshall Goodman Sonny Santa Ines

Steve Tye Chuong Vo Mark Waronek

Secretary, Tom Chavez

Vice President, Mary Ann Reiss President, Margaret Finlay

EX OFFICIO: Thaddeus McCormack, Managers Committee

Chairman

Jose Gomez, Finance Officers Committee

Chairman

Brad McKinney, Risk Managers Committee

Chairman

ATTENDEES: Chris Kustra, Carl Warren & Company

Alex Swedlow, California Workers' Compensation

Institute (CWCI)

STAFF: Alex Smith, Chief Executive Officer

Michelle Aguayo, Training Coordinator Olga Berdial, Communications Director

(Teleconference)

Rezvane Lafmejani, Accountant
Jason McBride, Finance Director
Alex Mellor, Risk Services Director
Courtney Morrison, Management Analyst
Ben Rodriguez, Technology Projects Manager
Jeff Rush, Workers' Compensation Program
Manager (*Teleconference*)
Nikki Salas, Administrative Services Director
Carl Sandstrom, Business Projects Manager
Jennifer Torres, Administrative Assistant
Kelly Trainer Policky, Employment Practices
Manager
Chris Yanonis, Facilities Specialist
Paul Zeglovitch, Claims and Insurance Director

ORAL COMMUNICATIONS

Alexander Smith, Chief Executive Officer, introduced the Authority's new Technology Projects Manager, Ben Rodriguez and the Authority's new Accountant, Rezvane Lafmejani.

CONSENT CALENDAR

President Finlay presented the items appearing on the Consent Calendar.

President Finlay requested that the 2025 Committee Meeting Dates be amended as follows:

- Change the Executive Committee May 28, 2025 meeting date to May 21, 2025
- Change the Liability Trust Fund January 8, 2025 meeting to January 15, 2025

It was the consensus of the Committee to amend the meeting dates.

Director Goodman moved that the Consent Calendar Items be approved, received, and filed in one action. The motion was seconded by Director Chavez. The motion carried unanimously by roll call vote.

The Consent Calendar included:

- Executive Committee Minutes of September 25, 2024 Regular Meeting
- Treasurer's Monthly Compliance Report for September 2024
- Public Self-Insurer's Annual Reports 2023-2024
- Amendment to Employment Agreement with Chief Executive Officer
- RESOLUTION 24-2 Publicly Available Salary and Pay Schedule
- 2025 Committee Meeting Dates (as amended)

RECEIVE AND FILE

California Workers'
Compensation Institute
Presentation

President Finlay presented the California Workers' Compensation Institute Presentation item.

Jeff Rush, Workers' Compensation Program Manager, introduced Alex Swedlow, President of CWCI. Swedlow presented information regarding the workers' compensation system, including how the Authority's program compares to the Institute's other public entity members.

Director Chavez moved to receive and file the report. The motion was seconded by Director Goodman. The motion carried unanimously by roll call vote.

RESOLUTION NO. 2024-10 WR President Finlay read, by title only, Resolution No. 2024-10 WR,

Warrant Register

A RESOLUTION OF THE EXECUTIVE COMMITTEE OF THE BOARD OF DIRECTORS OF THE CALIFORNIA JOINT POWERS INSURANCE AUTHORITY ALLOWING CERTAIN CLAIMS AND DEMANDS IN THE TOTAL OF \$29,709,298.90.

Director Waronek moved to waive further reading and adopt Resolution 2024-10 WR. The motion was seconded by Director Chavez. The motion carried unanimously by roll call vote.

ADJOURNMENT

President Finlay adjourned the meeting at 6:31 p.m. to the next regular meeting on November 20, 2024, at 5:30 p.m., in the California Room of the California JPIA, 8081 Moody Street, La Palma, CA 90623.

Tom Chavez, Secretary

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Jason McBride, Finance Director

Date: November 20, 2024

Subject: Treasurer's Monthly Compliance Report

Attached is the Treasurer's Monthly Compliance Report for October 2024.

Directly held investments, as of October 31, 2024, totaled \$325.7 million. Cash held in LAIF was \$18.8 million and the money market account balance was \$627,674. Cash held in the Los Angeles County Pooled Investment Fund was \$108,626. Cash help in CAMP was \$44.4 million. Altogether, cash and investments totaled \$389.6 million at the end of the month.

The annualized yield to maturity at cost earned by direct investments was 2.99%. Accrual basis earnings were \$692,466. The quarter-to-date yield reported by LAIF was 4.52%, and the money market account yield was 4.72%. The Los Angeles County Pooled Investment Fund yielded 3.97% and CAMP yielded 5.18%.

Recommended Action

Receive and file.

Security Type	<u>Par Value</u>	Original Cost	Amortized Cost	Market Value	Longest <u>Maturity</u>	Maximum Allowable <u>Maturity</u>	YTM at <u>Cost</u>
U.S. Treasury	\$159,070,000.00	\$156,793,169.94	\$157,796,641.47	\$152,598,822.05	9.79 Years	10 Years	2.33%
Federal Agency	\$104,510,991.76	\$103,850,871.41	\$104,117,544.84	\$102,491,621.20	7.87 Years	10 Years	3.33%
Certificates of Deposit	\$3,000,000.00	\$3,000,000.00	\$3,000,000.00	\$3,065,943.00	1.71 Years	5 Years	5.08%
Medium-Term Corporate Notes	\$60,064,000.00	\$59,787,911.81	\$59,501,101.20	\$59,302,645.33	4.79 Years	5 Years	3.81%
Asset-Backed Securities	\$6,334,811.77	\$6,333,907.40	\$6,334,082.91	\$6,372,137.91	4.21 Years	5 Years	4.71%
Total Securities	\$332,979,803.53	\$329,765,860.56	\$330,749,370.42	\$323,831,169.49			2.99%
Accrued Interest			\$1,893,543.34	\$1,893,543.34			
Total Portfolio	\$332,979,803.53	\$329,765,860.56	\$332,642,913.76	\$325,724,712.83			
CAMP-Pool	\$36,363,055.16	\$36,363,055.16	\$36,363,055.16	\$36,363,055.16	1 Day		5.01%
CAMP-Term	\$8,000,000.00	\$8,000,000.00	\$8,000,000.00	\$8,000,000.00	56 Day		5.35%
LAIF	\$18,801,400.26	\$18,801,400.26	\$18,801,400.26	\$18,801,400.26	1 Day		4.52%
Money Market Fund	\$627,673.74	\$627,673.74	\$627,673.74	\$627,673.74	1 Day		4.72%
LA County Pooled Investment Fund	\$108,625.92	\$108,625.92	\$108,625.92	\$108,625.92	1 Day		3.97%
Total Liquidity	\$63,900,755.08	\$63,900,755.08	\$63,900,755.08	\$63,900,755.08			4.91%
Total Investments	\$396,880,558.61	\$393,666,615.64	\$396,543,668.84	\$389,625,467.91			3.31%

^{1.} I hereby certify that all investments are in compliance with the investment policy adopted by the Executive Committee as of May 2024.

For Instituational Investor or Professional Investor Use Only - This material is not for inspection by, distribution to, or quotation to the general public.

California JPIA Treasurer

^{2.} The California JPIA investment portfolio is managed by PFM Asset Management, a division of U.S. Bancorp Asset Management, Inc.

^{3.} PFMAM's market prices are derived from closing bidprices as of the last business day of the month as supplied by Refinitiv or Bloomberg Finance LP. Where prices are not available from generally recognized sources the securities are priced using a yield-based matrix system to arrive at anestimated market value. Prices that fall between data points are interpolated.

^{4.} In accordance with Generally Accepted Accounting Principles (GAAP), month-end holdings and information are reported on a trade date basis. Securities listed in bold type on the Security Transactions & Interest page have been traded, but have not yet settled.

^{5.} All ratings are as of month end.

^{6.} The Authority has the ability to meet its budgeted expenditures for the next six months.

^{7.} Excludes \$1,631,731.92 of funds deposited with the Authority by the Central Coast Cities for payments on worker's compensation tail claims.

^{8.} The yield for CAMP is the 7-day yield as of October 31, 2024.

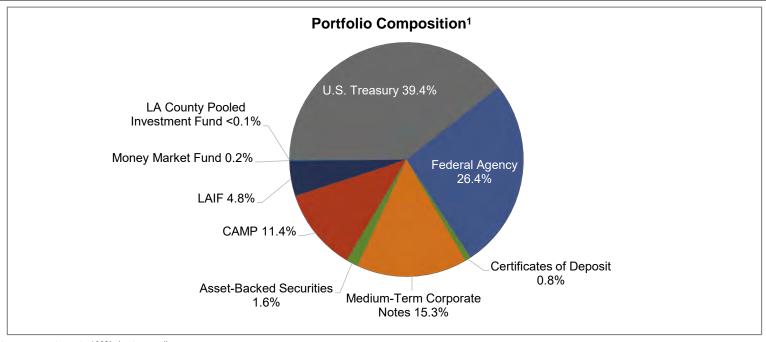
^{9.} The yield for LAIF is the quarter to date yield as of October 31, 2024.

^{0.} The yield for the LA County Pooled Investment Fund is the earnings rate for February. The County reports earnings with a one month lag.

^{11.} Compliance with the investment policy is measured at the time of purchase.

^{12.} Any information or data displayed herein has been formatted for use as directed by the Authority. This report should not be used for compliance assurance reasons. Any claims of compliance are that of the Authority.

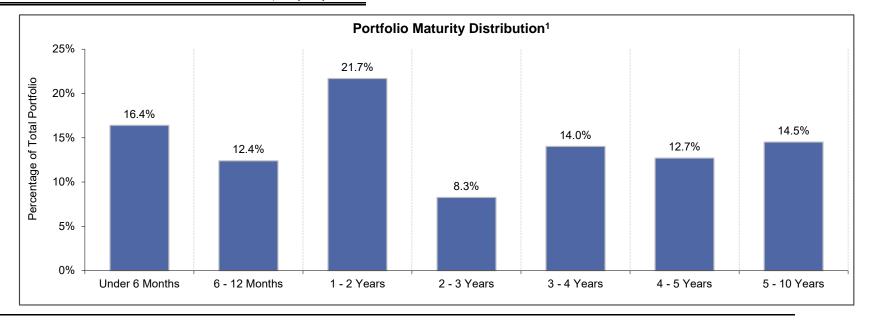
Security Type	Market Value (\$)	% of Portfolio1	Permitted by Policy (% or \$)	In Compliance
U.S. Treasury	\$152,598,822.05	39.4%	100%	Yes
Federal Agency	\$102,491,621.20	26.4%	100%	Yes
Certificates of Deposit	\$3,065,943.00	0.8%	30%	Yes
Medium-Term Corporate Notes	\$59,302,645.33	15.3%	30%	Yes
Asset-Backed Securities	\$6,372,137.91	1.6%	20%	Yes
CAMP	\$44,363,055.16	11.4%	100%	Yes
LAIF	\$18,801,400.26	4.8%	\$75,000,000	Yes
Money Market Fund	\$627,673.74	0.2%	20%	Yes
LA County Pooled Investment Fund	\$108,625.92	<0.1%	\$30,000,000	Yes
Subtotal Investments	\$387,731,924.57	100.0%		
Accrued Interest	\$1,893,543.34			
Total Investments	\$389,625,467.91			



Percentages may not sum to 100% due to rounding.

Maturity Distribution ¹	October 31, 2024
Under 6 Months	\$63,900,755.08
6 - 12 Months	\$48,336,999.05
1 - 2 Years	\$84,477,049.77
2 - 3 Years	\$32,206,895.63
3 - 4 Years	\$54,634,098.55
4 - 5 Years	\$49,487,703.39
5 - 10 Years	\$56,581,966.44
Totals	\$389,625,467.91

	Portfolio Duration ²	
Effective ³		2.84



Notes:

- 1. 17.6% of the portfolio is invested in currently callable securities. The callable securities are included in the maturity distribution to their stated maturity date, although they may be called prior to maturity.
- 2. Duration calculations exclude balances in CAMP, LAIF and the money market fund.
- 3. Effective duration is the change in price for a 1% change in yield, while also taking into account the likelihood of options such as calls and paydowns for mortgage-backed securities being exercised.
- 4. Percentages may not add up to 100% due to rounding.



Managed Account Summary Statement

For the Month Ending October 31, 2024

Transaction Summary - Managed Account	
Opening Market Value	\$326,725,788.06
Maturities/Calls	(2,115,047.94)
Principal Dispositions	(4,749,491.25)
Principal Acquisitions	8,466,386.01
Unsettled Trades	0.00
Change in Current Value	(4,496,465.39)
Closing Market Value	\$323,831,169.49

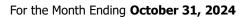
Cash Transactions Summary - Managed Account	
Maturities/Calls	1,928,000.00
Sale Proceeds	4,756,850.63
Coupon/Interest/Dividend Income	501,181.32
Principal Payments	187,047.94
Security Purchases	(8,541,103.53)
Net Cash Contribution	(4,321.74)
Reconciling Transactions	0.00

Earnings Reconciliation (Cash Basis) - Managed Account	
Interest/Dividends/Coupons Received	508,540.70
Less Purchased Interest Related to Interest/Coupons	(74,717.52)
Plus Net Realized Gains/Losses	(136,886.77)
Total Cash Basis Earnings	\$296,936.41

Cash Balance	
Closing Cash Balance	\$627,673.72

Earnings Reconciliation (Accrual Basis)	Total
Ending Amortized Value of Securities	330,749,370.42
Ending Accrued Interest	1,893,543.34
Plus Proceeds from Sales	4,756,850.63
Plus Proceeds of Maturities/Calls/Principal Payments	2,115,047.94
Plus Coupons/Dividends Received	501,181.32
Less Cost of New Purchases	(8,541,103.53)
Less Beginning Amortized Value of Securities	(329,209,844.07)
Less Beginning Accrued Interest	(1,572,579.97)

Total Accrual Basis Earnings	\$692,466.08



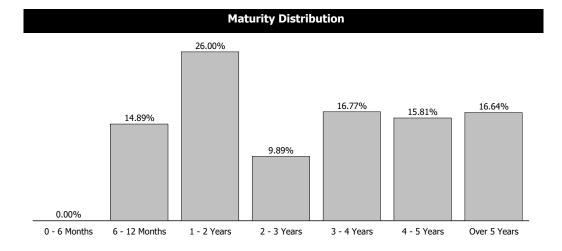
pfm asset management

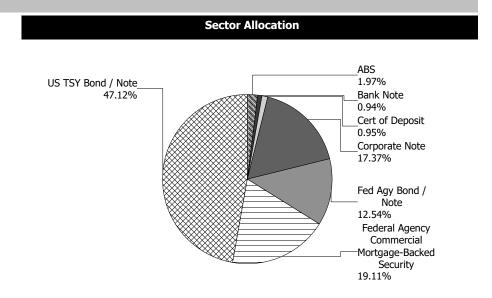
Portfolio Summary and Statistics

CALIFORNIA JOINT POWERS INSURANCE AUTH

	Account Summary		
Description	Par Value	Market Value	Percent
U.S. Treasury Bond / Note	159,070,000.00	152,598,822.05	47.12
Federal Agency Commercial	61,755,991.76	61,882,887.97	19.11
Mortgage-Backed Security			
Federal Agency Bond / Note	42,755,000.00	40,608,733.23	12.54
Corporate Note	57,064,000.00	56,250,574.33	17.37
Certificate of Deposit	3,000,000.00	3,065,943.00	0.95
Bank Note	3,000,000.00	3,052,071.00	0.94
Asset-Backed Security	6,334,811.77	6,372,137.91	1.97
Managed Account Sub-Total	332,979,803.53	323,831,169.49	100.00%
Accrued Interest		1,893,543.34	
Total Portfolio	332,979,803.53	325,724,712.83	

Unsettled Trades 0.00 0.00





2.99%
4.37%
1194



pfm asset management

Managed Account Issuer Summary

CALIFORNIA JOINT POWERS INSURANCE AUTH

Issuer Su	mmary			Credit	Qua
	Market Value				
Issuer	of Holdings	Percent			
Adobe Inc	2,410,202.20	0.74	NR_		
BA Credit Card Trust	1,115,431.20	0.34	0.44%		\mathcal{A}
Bank of America Corp	4,549,951.51	1.41	BBB+_ 0.65%	\neg	
Bank of New York Mellon Corp	4,709,153.28	1.45	0.65% AAA		
BlackRock Inc	291,953.73	0.09	2.73%		
Bristol-Myers Squibb Co	2,303,619.32	0.71	AA		
CarMax Inc	31,039.14	0.01	1.17%		
Citigroup Inc	5,333,549.71	1.65			
Cooperatieve Rabobank UA	3,065,943.00	0.95			
Deere & Co	2,245,285.70	0.69			
Eli Lilly & Co	2,371,644.01	0.73			
Federal Farm Credit Banks Funding Corp	1,836,534.30	0.57			
Federal Home Loan Banks	4,912,429.21	1.52			
Federal Home Loan Mortgage Corp	65,740,920.38	20.30	AA+_ 78.77%		
Federal National Mortgage Association	30,001,737.31	9.26	70.77%		
GM Financial Consumer Automobile Receiv	296,514.82	0.09			
Goldman Sachs Group Inc	2,118,005.97	0.65			
Home Depot Inc	3,022,704.54	0.93			
Hyundai Auto Receivables Trust	787,061.88	0.24			
Johnson & Johnson	3,872,156.00	1.20			
JPMorgan Chase & Co	7,681,245.17	2.37			
Mastercard Inc	2,343,130.00	0.72			
Morgan Stanley	3,052,071.00	0.94			
Novartis AG	3,486,305.38	1.08			
PACCAR Inc	2,325,625.53	0.72			
PepsiCo Inc	1,540,552.10	0.48			
Salesforce Inc	2,479,210.25	0.77			
State Street Corp	1,781,630.75	0.55			
Target Corp	422,718.41	0.13			
Toyota Auto Receivables Owner Trust	632,643.64	0.20			
Toyota Motor Corp	2,482,590.00	0.77			
United States Treasury	152,598,822.05	47.13			



Managed Account Issuer Summary

For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH

	Market Value	
Issuer	of Holdings	Percent
UnitedHealth Group Inc	1,988,788.00	0.61
Total	\$323,831,169.49	100.00%



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS	INSURANCE	AUTH									
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY N/B DTD 07/02/2018 2.750% 06/30/2025	912828XZ8	1,000,000.00	AA+	Aaa	07/24/19	07/25/19	1,048,945.31	1.87	9,266.30	1,005,443.39	989,678.00
US TREASURY N/B DTD 07/31/2018 2.875% 07/31/2025	912828Y79	1,185,000.00	AA+	Aaa	06/12/24	06/13/24	1,157,735.74	4.99	8,609.77	1,166,847.94	1,172,224.51
US TREASURY N/B DTD 08/31/2020 0.250% 08/31/2025	91282CAJ0	4,375,000.00	AA+	Aaa	08/02/21	08/06/21	4,326,123.05	0.53	1,873.27	4,365,033.84	4,228,231.88
US TREASURY N/B DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	1,675,000.00	AA+	Aaa	09/21/21	09/22/21	1,646,407.23	0.68	368.13	1,668,518.45	1,614,019.95
US TREASURY N/B DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	3,100,000.00	AA+	Aaa	09/27/21	09/28/21	3,031,824.22	0.81	681.32	3,084,482.20	2,987,141.40
US TREASURY N/B DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	4,000,000.00	AA+	Aaa	09/03/21	09/09/21	3,937,812.50	0.64	879.12	3,986,026.70	3,854,376.00
US TREASURY N/B DTD 11/02/2020 0.250% 10/31/2025	91282CAT8	1,795,000.00	AA+	Aaa	10/04/21	10/06/21	1,756,996.48	0.78	12.40	1,785,690.93	1,724,027.50
US TREASURY N/B DTD 11/16/2015 2.250% 11/15/2025	912828M56	2,000,000.00	AA+	Aaa	01/30/19	01/31/19	1,951,484.38	2.64	20,788.04	1,992,585.72	1,957,922.00
US TREASURY N/B DTD 11/30/2020 0.375% 11/30/2025	91282CAZ4	2,110,000.00	AA+	Aaa	11/02/21	11/03/21	2,054,777.34	1.03	3,329.30	2,095,377.87	2,022,715.63
US TREASURY N/B DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	1,425,000.00	AA+	Aaa	05/06/21	05/07/21	1,402,066.41	0.73	1,800.61	1,419,263.23	1,362,322.80
US TREASURY N/B DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	2,750,000.00	AA+	Aaa	01/06/21	01/07/21	2,741,943.36	0.43	3,474.86	2,748,117.61	2,629,044.00
US TREASURY N/B DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	10,390,000.00	AA+	Aaa	07/16/21	07/19/21	10,237,802.73	0.71	13,128.67	10,350,219.04	9,933,006.24
US TREASURY N/B DTD 01/31/2019 2.625% 01/31/2026	9128286A3	1,375,000.00	AA+	Aaa	02/01/21	02/03/21	1,524,799.80	0.42	9,121.52	1,412,470.49	1,347,930.38
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	1,400,000.00	AA+	Aaa	05/02/22	05/03/22	1,270,281.25	3.01	1,326.77	1,356,792.00	1,334,484.20



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH												
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value	
U.S. Treasury Bond / Note												
US TREASURY N/B DTD 01/31/2019 2.625% 01/31/2026	9128286A3	2,000,000.00	AA+	Aaa	08/20/19	08/21/19	2,138,750.00	1.49	13,267.66	2,026,866.24	1,960,626.00	
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	3,300,000.00	AA+	Aaa	05/19/21	05/20/21	3,232,453.13	0.82	3,127.38	3,282,060.94	3,145,569.90	
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	3,350,000.00	AA+	Aaa	02/26/21	02/26/21	3,280,644.53	0.80	3,174.76	3,332,429.95	3,193,230.05	
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	5,500,000.00	AA+	Aaa	07/02/21	07/07/21	5,394,296.88	0.80	5,212.30	5,471,120.06	5,242,616.50	
US TREASURY N/B DTD 02/16/2016 1.625% 02/15/2026	912828P46	1,000,000.00	AA+	Aaa	03/06/19	03/08/19	937,226.56	2.62	3,444.29	988,341.37	967,305.00	
US TREASURY N/B DTD 03/01/2021 0.500% 02/28/2026	91282CBO3	1,665,000.00	AA+	Aaa	09/21/21	09/22/21	1,646,333.79	0.76	1,425.83	1,659,423.18	1,584,612.13	
US TREASURY N/B DTD 03/01/2021 0.500% 02/28/2026	91282CBO3	2,000,000.00	AA+	Aaa	03/12/21	03/12/21	1,966,718.75	0.84	1,712.71	1,991,120.11	1,903,438.00	
US TREASURY N/B DTD 03/01/2021 0.500% 02/28/2026	91282CBO3	3,000,000.00	AA+	Aaa	12/03/21	12/07/21	2,919,140.63	1.15	2,569.06	2,974,652.89	2,855,157.00	
US TREASURY N/B DTD 04/01/2019 2.250% 03/31/2026	9128286L9	545,000.00	AA+	Aaa	03/02/20	03/04/20	587,088.48	0.94	1,078.02	554,772.57	530,310.62	
US TREASURY N/B DTD 05/16/2016 1.625% 05/15/2026	912828R36	1,045,000.00	AA+	Aaa	07/24/19	07/25/19	1,025,161.33	1.92	7,844.60	1,040,531.11	1,005,077.87	
US TREASURY N/B DTD 05/31/2019 2.125% 05/31/2026	9128286X3	1,000,000.00	AA+	Aaa	06/03/19	06/05/19	1,008,945.31	1.99	8,941.26	1,002,019.00	968,516.00	
US TREASURY N/B DTD 06/01/2021 0.750% 05/31/2026	91282CCF6	1,455,000.00	AA+	Aaa	06/23/21	06/25/21	1,446,701.95	0.87	4,591.60	1,452,346.10	1,378,499.01	
US TREASURY N/B DTD 06/01/2021 0.750% 05/31/2026	91282CCF6	3,340,000.00	AA+	Aaa	06/06/22	06/08/22	3,061,057.81	2.99	10,540.16	3,229,421.40	3,164,389.48	
US TREASURY N/B DTD 06/01/2021 0.750% 05/31/2026	91282CCF6	4,175,000.00) AA+	Aaa	06/01/21	06/01/21	4,161,790.04	0.81	13,175.20	4,170,830.72	3,955,486.85	



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH													
Security Type/Description		_	S&P	Moody's	Trade	Settle	Original	YTM	Accrued	Amortized	Market		
Dated Date/Coupon/Maturity	CUSIP	Par	Rating	Rating	Date	Date	Cost	at Cost	Interest	Cost	Value		
U.S. Treasury Bond / Note													
US TREASURY N/B DTD 08/02/2021 0.625% 07/31/2026	91282CCP4	1,665,000.00	AA+	Aaa	09/21/21	09/22/21	1,649,520.70	0.82	2,629.84	1,659,438.63	1,565,751.02		
US TREASURY N/B DTD 09/30/2019 1.625% 09/30/2026	912828YG9	3,035,000.00	AA+	Aaa	01/05/21	01/06/21	3,235,950.19	0.45	4,335.71	3,102,015.40	2,895,459.81		
US TREASURY N/B DTD 09/30/2021 0.875% 09/30/2026	91282CCZ2	4,660,000.00	AA+	Aaa	04/05/22	04/07/22	4,290,658.59	2.77	3,584.62	4,502,516.61	4,380,400.00		
US TREASURY N/B DTD 03/31/2020 0.625% 03/31/2027	912828ZE3	865,000.00	AA+	Aaa	02/26/21	02/26/21	845,909.18	1.00	475.27	857,446.08	795,901.21		
US TREASURY N/B DTD 04/30/2020 0.500% 04/30/2027	912828ZN3	3,985,000.00	AA+	Aaa	08/03/22	08/05/22	3,561,593.75	2.92	55.04	3,762,154.60	3,643,628.96		
US TREASURY N/B DTD 05/15/2017 2.375% 05/15/2027	912828X88	780,000.00	AA+	Aaa	11/29/22	11/30/22	728,477.34	4.01	8,557.74	750,707.77	747,002.10		
US TREASURY N/B DTD 08/15/2017 2.250% 08/15/2027	9128282R0	105,000.00	AA+	Aaa	01/04/22	01/06/22	109,499.41	1.45	500.75	107,235.42	99,795.15		
US TREASURY N/B DTD 08/15/2017 2.250% 08/15/2027	9128282R0	680,000.00	AA+	Aaa	08/29/22	08/31/22	647,487.50	3.30	3,242.93	661,731.93	646,292.40		
US TREASURY N/B DTD 08/15/2017 2.250% 08/15/2027	9128282R0	5,240,000.00	AA+	Aaa	09/01/22	09/06/22	4,967,970.31	3.40	24,989.67	5,086,644.02	4,980,253.20		
US TREASURY N/B DTD 11/02/2020 0.500% 10/31/2027	91282CAU5	1,435,000.00	AA+	Aaa	09/22/21	09/23/21	1,392,006.05	1.01	19.82	1,413,898.44	1,288,809.38		
US TREASURY N/B DTD 12/31/2020 0.625% 12/31/2027	91282CBB6	2,000,000.00	AA+	Aaa	01/05/21	01/06/21	1,995,078.13	0.66	4,211.96	1,997,770.68	1,792,578.00		
US TREASURY N/B DTD 05/01/2023 3.500% 04/30/2028	91282CHA2	3,130,000.00	AA+	Aaa	05/01/23	05/01/23	3,117,895.71	3.59	302.62	3,121,541.58	3,063,731.64		
US TREASURY N/B DTD 05/15/2018 2.875% 05/15/2028	9128284N7	950,000.00	AA+	Aaa	07/24/19	07/25/19	1,015,609.38	2.02	12,617.19	976,329.41	909,959.40		
US TREASURY N/B DTD 05/15/2018 2.875% 05/15/2028	9128284N7	1,000,000.00	AA+	Aaa	06/03/19	06/05/19	1,064,765.63	2.08	13,281.25	1,025,593.03	957,852.00		



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH													
Security Type/Description		_	S&P	Moody's	Trade	Settle	Original	YTM	Accrued	Amortized	Market		
Dated Date/Coupon/Maturity	CUSIP	Par	Rating	Rating	Date	Date	Cost	at Cost	Interest	Cost	Value		
U.S. Treasury Bond / Note													
US TREASURY N/B DTD 08/15/2018 2.875% 08/15/2028	9128284V9	1,000,000.00	AA+	Aaa	08/20/19	08/21/19	1,111,171.88	1.54	6,093.75	1,046,846.65	954,922.00		
US TREASURY N/B DTD 11/16/1998 5.250% 11/15/2028	912810FF0	1,040,000.00	AA+	Aaa	12/06/22	12/08/22	1,118,325.00	3.82	25,222.83	1,093,263.89	1,082,209.44		
US TREASURY N/B DTD 02/15/2019 2.625% 02/15/2029	9128286B1	1,000,000.00	AA+	Aaa	08/20/19	08/21/19	1,094,296.88	1.55	5,563.86	1,042,632.20	939,844.00		
US TREASURY N/B DTD 05/15/2019 2.375% 05/15/2029	9128286T2	535,000.00	AA+	Aaa	03/02/20	03/04/20	596,211.52	1.07	5,869.74	565,177.52	495,815.53		
US TREASURY N/B DTD 05/15/2019 2.375% 05/15/2029	9128286T2	990,000.00	AA+	Aaa	07/24/19	07/25/19	1,018,114.45	2.05	10,861.75	1,002,997.64	917,490.42		
US TREASURY N/B DTD 05/15/2019 2.375% 05/15/2029	9128286T2	1,000,000.00	AA+	Aaa	06/03/19	06/05/19	1,024,335.94	2.10	10,971.47	1,011,095.90	926,758.00		
US TREASURY N/B DTD 10/31/2022 4.000% 10/31/2029	91282CFT3	985,000.00	AA+	Aaa	11/01/22	11/03/22	974,996.09	4.17	108.84	977,851.55	977,188.95		
US TREASURY N/B DTD 10/31/2022 4.000% 10/31/2029	91282CFT3	1,090,000.00	AA+	Aaa	12/06/22	12/08/22	1,110,139.45	3.69	120.44	1,104,590.91	1,081,356.30		
US TREASURY N/B DTD 01/03/2023 3.875% 12/31/2029	91282CGB1	2,850,000.00	AA+	Aaa	01/04/23	01/06/23	2,862,357.42	3.80	37,212.64	2,859,136.06	2,809,698.15		
US TREASURY N/B DTD 02/28/2023 4.000% 02/28/2030	91282CGO8	2,510,000.00	AA+	Aaa	08/16/23	08/17/23	2,464,702.34	4.32	17,195.58	2,473,090.09	2,488,526.95		
US TREASURY N/B DTD 05/31/2023 3.750% 05/31/2030	91282CHF1	595,000.00	AA+	Aaa	07/24/23	07/25/23	586,028.52	4.00	9,388.32	587,695.88	581,984.38		
US TREASURY N/B DTD 11/16/2020 0.875% 11/15/2030	91282CAV3	2,000,000.00	AA+	Aaa	01/05/21	01/06/21	1,986,718.75	0.95	8,084.24	1,991,865.23	1,650,626.00		
US TREASURY N/B DTD 11/30/2023 4.375% 11/30/2030	91282CJM4	840,000.00	AA+	Aaa	12/07/23	12/08/23	851,353.13	4.15	15,463.11	850,066.99	847,350.00		
US TREASURY N/B DTD 02/15/2001 5.375% 02/15/2031	912810FP8	980,000.00	AA+	Aaa	12/06/22	12/08/22	1,099,552.34	3.64	11,164.81	1,071,812.68	1,045,346.40		



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH													
Security Type/Description			S&P	Moody's	Trade	Settle	Original	YTM	Accrued	Amortized	Market		
Dated Date/Coupon/Maturity	CUSIP	Par	Rating	Rating	Date	Date	Cost	at Cost	Interest	Cost	Value		
U.S. Treasury Bond / Note													
US TREASURY N/B DTD 02/15/2001 5.375% 02/15/2031	912810FP8	2,345,000.00	AA+	Aaa	08/16/23	08/17/23	2,517,394.14	4.22	26,715.79	2,489,574.42	2,501,364.60		
US TREASURY N/B DTD 07/01/2024 4.250% 06/30/2031	91282CKW0	1,865,000.00	AA+	Aaa	07/01/24	07/02/24	1,842,634.57	4.45	26,708.02	1,843,550.79	1,867,331.25		
US TREASURY N/B DTD 07/31/2024 4.125% 07/31/2031	91282CLD1	3,525,000.00	AA+	Aaa	08/01/24	08/02/24	3,577,599.61	3.88	36,746.69	3,575,976.40	3,503,656.12		
US TREASURY N/B DTD 11/15/2021 1.375% 11/15/2031	91282CDJ7	600,000.00	AA+	Aaa	01/30/23	01/31/23	503,812.50	3.51	3,811.14	522,990.07	496,336.20		
US TREASURY N/B DTD 05/16/2022 2.875% 05/15/2032	91282CEP2	1,900,000.00	AA+	Aaa	10/02/23	10/02/23	1,656,339.84	4.70	25,234.38	1,686,990.86	1,732,784.80		
US TREASURY N/B DTD 05/16/2022 2.875% 05/15/2032	91282CEP2	2,050,000.00	AA+	Aaa	07/01/24	07/02/24	1,833,628.91	4.48	27,226.56	1,841,298.73	1,869,583.60		
US TREASURY N/B DTD 08/15/2022 2.750% 08/15/2032	91282CFF3	3,065,000.00	AA+	Aaa	01/04/23	01/06/23	2,829,497.85	3.71	17,865.29	2,874,128.49	2,762,211.72		
US TREASURY N/B DTD 11/15/2022 4.125% 11/15/2032	91282CFV8	855,000.00	AA+	Aaa	12/07/23	12/08/23	853,897.85	4.14	16,292.63	854,008.91	848,554.16		
US TREASURY N/B DTD 11/15/2022 4.125% 11/15/2032	91282CFV8	2,505,000.00	AA+	Aaa	08/16/23	08/17/23	2,484,059.77	4.23	47,734.54	2,486,799.73	2,486,114.81		
US TREASURY N/B DTD 11/15/2022 4.125% 11/15/2032	91282CFV8	4,490,000.00	AA+	Aaa	10/02/24	10/03/24	4,622,069.14	3.70	85,560.12	4,621,002.63	4,456,149.89		
US TREASURY N/B DTD 02/15/2023 3.500% 02/15/2033	91282CGM7	1,835,000.00	AA+	Aaa	10/02/23	10/02/23	1,672,932.23	4.67	13,612.91	1,691,676.05	1,738,089.98		
US TREASURY N/B DTD 05/15/2023 3.375% 05/15/2033	91282CHC8	1,140,000.00	AA+	Aaa	08/01/23	08/01/23	1,079,660.16	4.03	17,773.78	1,087,390.41	1,067,815.20		
US TREASURY N/B DTD 05/15/2023 3.375% 05/15/2033	91282CHC8	2,000,000.00	AA+	Aaa	07/01/24	07/02/24	1,838,359.38	4.49	31,182.07	1,843,319.11	1,873,360.00		
US TREASURY N/B DTD 08/15/2023 3.875% 08/15/2033	91282CHT1	735,000.00	AA+	Aaa	08/30/23	08/31/23	720,587.11	4.12	6,036.79	722,283.21	713,668.10		



For the Month Ending October 31, 2024

INSURANCE	AUTH									
CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
91282CHT1	2,890,000.00	AA+	Aaa	09/04/24	09/05/24	2,914,723.05	3.76	23,736.48	2,914,372.23	2,806,123.53
91282CJJ1	825,000.00	AA+	Aaa	12/07/23	12/08/23	850,330.08	4.12	17,150.14	848,438.64	838,728.83
91282CJJ1	1,435,000.00	AA+	Aaa	01/03/24	01/05/24	1,502,882.23	3.92	29,830.84	1,498,172.75	1,458,879.84
91282CJZ5	1,365,000.00	AA+	Aaa	04/09/24	04/11/24	1,325,276.37	4.37	11,572.83	1,327,110.27	1,335,567.87
91282CKO3	1,845,000.00	AA+	Aaa	07/01/24	07/02/24	1,829,360.74	4.48	37,288.55	1,829,786.26	1,858,261.86
91282CLF6	2,900,000.00	AA+	Aaa	09/04/24	09/05/24	2,922,089.84	3.78	23,818.61	2,921,819.67	2,805,750.00
	159,070,000.00					156,793,169.94	2.33	922,788.86	157,796,641.47	152,598,822.05
age-Backed Sec	, ,					156,793,169.94	2.33	922,788.86	157,796,641.47	152,598,822.05
	, ,		Aaa	05/19/23	05/24/23	156,793,169.94 2.040.036.61	2.33 4.29	922,788.86 5,870.71	157,796,641.47 2.066,599.66	152,598,822.05 2,054,423.62
age-Backed Sec	curity	AA+	Aaa Aaa	05/19/23 08/16/23	05/24/23 08/18/23	, ,		,	, ,	
age-Backed Sec	curity 2,104,825.78	AA+				2,040,036.61	4.29	5,870.71	2,066,599.66	2,054,423.62
3137BTUM1 3137BXOY1	2,104,825.78 3,100,000.00	AA+ AA+	Aaa	08/16/23	08/18/23	2,040,036.61 2,924,171.88	4.29 4.94	5,870.71 8,328.67	2,066,599.66 2,982,871.63	2,054,423.62
3137BTUM1 3137BXOY1 3137F1G44	2,104,825.78 3,100,000.00 1,760,000.00	AA+ AA+ AA+	Aaa Aaa	08/16/23 08/16/23	08/18/23 08/18/23	2,040,036.61 2,924,171.88 1,659,418.75	4.29 4.94 4.93	5,870.71 8,328.67 4,756.40	2,066,599.66 2,982,871.63 1,692,238.40	2,054,423.62 3,012,611.00 1,707,423.52
3137BTUM1 3137BXOY1 3137F1G44 3137F2LJ3	2,104,825.78 3,100,000.00 1,760,000.00 2,735,000.00	AA+ AA+ AA+ AA+	Aaa Aaa Aaa	08/16/23 08/16/23 08/17/23	08/18/23 08/18/23 08/22/23	2,040,036.61 2,924,171.88 1,659,418.75 2,557,652.34	4.29 4.94 4.93 4.97	5,870.71 8,328.67 4,756.40 7,104.16	2,066,599.66 2,982,871.63 1,692,238.40 2,612,664.74	2,054,423.62 3,012,611.00 1,707,423.52 2,643,445.88
	91282CHT1 91282CJJ1 91282CJJ1 91282CJZ5 91282CKO3	91282CHT1 2,890,000.00 91282CJJ1 825,000.00 91282CJJ1 1,435,000.00 91282CJZ5 1,365,000.00 91282CKO3 1.845,000.00	CUSIP Par S&P Rating 91282CHT1 2,890,000.0 ∪ AA+ 91282CJJ1 825,000.0 ∪ AA+ 91282CJJ1 1,435,000.0 ∪ AA+ 91282CJZ5 1,365,000.0 ∪ AA+ 91282CKO3 1,845,000.0 ∪ AA+	CUSIP Par S&P Rating Moody's Rating 91282CHT1 2,890,000.00 AA+ Aaa 91282CJJ1 825,000.00 AA+ Aaa 91282CJJ1 1,435,000.00 AA+ Aaa 91282CJZ5 1,365,000.00 AA+ Aaa 91282CKO3 1,845,000.00 AA+ Aaa	CUSIP S&P Par Moody's Rating Trade Date 91282CHT1 2,890,000.00 AA+ Aaa 09/04/24 91282CJJ1 825,000.00 AA+ Aaa 12/07/23 91282CJJ1 1,435,000.00 AA+ Aaa 01/03/24 91282CJZ5 1,365,000.00 AA+ Aaa 04/09/24 91282CKO3 1,845,000.00 AA+ Aaa 07/01/24	CUSIP S&P Par Rating Moody's Rating Trade Date Settle Date 91282CHT1 2,890,000.00 AA+ Aaa 09/04/24 09/05/24 91282CJJ1 825,000.00 AA+ Aaa 12/07/23 12/08/23 91282CJJ1 1,435,000.00 AA+ Aaa 01/03/24 01/05/24 91282CJZ5 1,365,000.00 AA+ Aaa 04/09/24 04/11/24 91282CKO3 1,845,000.00 AA+ Aaa 07/01/24 07/02/24	CUSIP Par S&P Rating Moody's Rating Trade Date Settle Date Original Cost 91282CHT1 2,890,000.00 AA+ Aaa 09/04/24 09/05/24 2,914,723.05 91282CJJ1 825,000.00 AA+ Aaa 12/07/23 12/08/23 850,330.08 91282CJJ1 1,435,000.00 AA+ Aaa 01/03/24 01/05/24 1,502,882.23 91282CJZ5 1,365,000.00 AA+ Aaa 04/09/24 04/11/24 1,325,276.37 91282CKO3 1,845,000.00 AA+ Aaa 07/01/24 07/02/24 1,829,360.74	CUSIP Par S&P Rating Moody's Rating Trade Date Settle Date Original Cost YTM at Cost 91282CHT1 2,890,000.00 AA+ Aaa 09/04/24 09/05/24 2,914,723.05 3.76 91282CJJ1 825,000.00 AA+ Aaa 12/07/23 12/08/23 850,330.08 4.12 91282CJJ1 1,435,000.00 AA+ Aaa 01/03/24 01/05/24 1,502,882.23 3.92 91282CJZ5 1,365,000.00 AA+ Aaa 04/09/24 04/11/24 1,325,276.37 4.37 91282CKO3 1.845,000.00 AA+ Aaa 07/01/24 07/02/24 1,829,360.74 4.48	CUSIP S&P Par Rating Moody's Rating Trade Date Settle Date Original Cost YTM at Cost Accrued Interest 91282CHT1 2,890,000.00 AA+ Aaa 09/04/24 09/05/24 2,914,723.05 3.76 23,736.48 91282CJJ1 825,000.00 AA+ Aaa 12/07/23 12/08/23 850,330.08 4.12 17,150.14 91282CJJ1 1,435,000.00 AA+ Aaa 01/03/24 01/05/24 1,502,882.23 3.92 29,830.84 91282CJZ5 1,365,000.00 AA+ Aaa 04/09/24 04/11/24 1,325,276.37 4.37 11,572.83 91282CKO3 1.845,000.00 AA+ Aaa 07/01/24 07/02/24 1,829,360.74 4.48 37,288.55	CUSIP S&P Rating Moody's Rating Trade Date Settle Date Original Cost YTM at Cost Accrued Interest Amortized Cost 91282CHT1 2,890,000.00 AA+ AAa 09/04/24 09/05/24 2,914,723.05 3.76 23,736.48 2,914,372.23 91282CJJ1 825,000.00 AA+ Aaa 12/07/23 12/08/23 850,330.08 4.12 17,150.14 848,438.64 91282CJJ1 1,435,000.00 AA+ Aaa 01/03/24 01/05/24 1,502,882.23 3.92 29,830.84 1,498,172.75 91282CJZ5 1,365,000.00 AA+ Aaa 04/09/24 04/11/24 1,325,276.37 4.37 11,572.83 1,327,110.27 91282CKO3 1,845,000.00 AA+ Aaa 07/01/24 07/02/24 1,829,360.74 4.48 37,288.55 1,829,786.26



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH												
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value	
Federal Agency Commercial Mortga	ge-Backed Secu	rity										
FHMS K505 A2 DTD 07/01/2023 4.819% 06/01/2028	3137HACX2	3,000,000.00	AA+	Aaa	07/13/23	07/20/23	3,029,964.00	4.59	12,047.50	3,022,181.80	3,018,684.00	
FNA 2023-M6 A2 DTD 07/01/2023 4.181% 07/01/2028	3136BQDE6	2,771,099.14	AA+	Aaa	07/18/23	07/31/23	2,724,120.35	4.58	9,655.39	2,735,904.32	2,727,642.76	
FHMS KJ47 A1 DTD 09/01/2023 5.272% 08/01/2028	3137HAMN3	1,606,762.57	AA+	Aaa	09/19/23	09/28/23	1,606,754.54	5.27	7,059.04	1,606,757.01	1,627,640.84	
FHMS K506 A2 DTD 09/01/2023 4.650% 08/01/2028	3137HAMH6	3,000,000.00	AA+	Aaa	09/07/23	09/14/23	2,955,621.00	4.99	11,625.00	2,964,790.52	3,002,817.00	
FHMS K508 A2 DTD 10/01/2023 4.740% 08/01/2028	3137HAQ74	3,150,000.00	AA+	Aaa	10/11/23	10/19/23	3,080,901.60	5.25	12,442.50	3,094,144.72	3,165,746.85	
FHMS K509 A2 DTD 10/01/2023 4.850% 09/01/2028	3137HAST4	2,365,000.00	AA+	Aaa	10/25/23	10/31/23	2,289,596.71	5.60	9,558.54	2,302,380.82	2,382,049.29	
FHMS K507 A2 DTD 09/01/2023 4.800% 09/01/2028	3137HAMS2	3,000,000.00	AA+	Aaa	09/20/23	09/28/23	2,964,141.00	5.07	12,000.00	2,970,773.30	3,016,188.00	
FHMS K510 A2 DTD 11/01/2023 5.069% 10/01/2028	3137HB3D4	1,200,000.00	AA+	Aaa	11/14/23	11/21/23	1,196,530.80	5.14	5,069.00	1,197,128.70	1,217,881.20	
FHMS K511 A2 DTD 12/01/2023 4.860% 10/01/2028	3137HB3G7	1,745,000.00	AA+	Aaa	11/28/23	12/07/23	1,739,986.62	4.93	7,067.25	1,740,820.09	1,759,092.62	
FHMS K512 A2 DTD 12/01/2023 5.000% 11/01/2028	3137HBCF9	1,580,000.00	AA+	Aaa	12/11/23	12/21/23	1,594,754.04	4.79	6,583.33	1,592,430.51	1,600,092.86	
FHMS K513 A2 DTD 01/01/2024 4.724% 12/01/2028	3137HBFY5	1,790,000.00	AA+	Aaa	01/10/24	01/18/24	1,807,880.31	4.50	7,046.63	1,805,303.47	1,795,581.22	
FHMS K514 A2 DTD 02/01/2024 4.572% 12/01/2028	3137HBLV4	1,800,000.00	AA+	Aaa	02/01/24	02/08/24	1,817,998.20	4.34	6,858.00	1,815,554.04	1,797,001.20	
FHMS K518 A2 DTD 03/01/2024 5.400% 01/01/2029	3137HC2L5	2,170,000.00	AA+	Aaa	03/19/24	03/28/24	2,222,394.65	4.83	9,765.00	2,217,353.61	2,231,901.42	
FHMS K517 A2 DTD 03/01/2024 5.355% 01/01/2029	3137HC2C5	2,685,000.00	AA+	Aaa	03/05/24	03/14/24	2,765,512.41	4.67	11,981.81	2,756,120.11	2,757,336.59	



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS	INSURANCE	AUTH									
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Federal Agency Commercial Mortga	ige-Backed Sec	curity									
FHMS K515 A2 DTD 02/01/2024 5.400% 01/01/2029	3137HBPD0	3,050,000.00	AA+	Aaa	02/14/24	02/22/24	3,132,167.00	4.79	13,725.00	3,121,805.09	3,134,973.00
FHMS K520 A2 DTD 04/01/2024 5.180% 03/01/2029	3137HCKV3	1,700,000.00	AA+	Aaa	04/23/24	04/30/24	1,706,900.30	5.09	7,338.33	1,706,369.91	1,734,306.00
FHMS K524 A2 DTD 07/01/2024 4.720% 05/01/2029	3137HDV56	2,645,000.00	AA+	Aaa	07/16/24	07/25/24	2,661,242.94	4.58	10,403.67	2,660,688.10	2,655,074.81
FHMS K522 A2 DTD 06/01/2024 4.803% 05/01/2029	3137HDJJ0	3,200,000.00	AA+	Aaa	06/05/24	06/13/24	3,199,990.40	4.80	12,808.00	3,200,000.00	3,219,676.80
FHMS K528 A2 DTD 09/01/2024 4.508% 07/01/2029	3137HFNZ4	1,125,000.00	AA+	Aaa	09/04/24	09/12/24	1,147,477.50	4.06	4,226.25	1,146,911.40	1,119,109.50
FHMS K529 A2 DTD 10/01/2024 4.791% 09/01/2029	3137HH6C0	1,880,000.00	AA+	Aaa	10/08/24	10/16/24	1,917,575.56	4.34	7,505.90	1,917,294.34	1,892,601.64
Security Type Sub-Total		61,755,991.76					61,269,903.71	4.85	236,969.56	61,470,034.18	61,882,887.97
Security Type Sub-Total Federal Agency Bond / Note		61,755,991.76					61,269,903.71	4.85	236,969.56	61,470,034.18	61,882,887.97
	3135G04Z3	1,630,000.00		Aaa	09/02/20	09/03/20	61,269,903.71 1,636,780.80	4.85 0.41	236,969.56 3,033.61	61,470,034.18 1,630,888.90	61,882,887.97 1,590,868.59
Federal Agency Bond / Note	3135G04Z3 3137EAEU9	, ,	AA+	Aaa Aaa	09/02/20 07/21/20	09/03/20 07/23/20					. ,
Federal Agency Bond / Note FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025 FREDDIE MAC		1,630,000.00	AA+				1,636,780.80	0.41	3,033.61	1,630,888.90	1,590,868.59
Federal Agency Bond / Note FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025 FREDDIE MAC DTD 07/23/2020 0.375% 07/21/2025 FANNIE MAE	3137EAEU9	1,630,000.00 2,420,000.00	AA+ AA+	Aaa	07/21/20	07/23/20	1.636,780.80 2.407,948.40	0.41	3,033.61 2,520.83	1,630,888.90 2,418,257.28	1,590,868.59 2,352,128.68
Federal Agency Bond / Note FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025 FREDDIE MAC DTD 07/23/2020 0.375% 07/21/2025 FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025 FANNIE MAE	3137EAEU9 3135G05X7	1,630,000.00 2,420,000.00 1,130,000.00	AA+ AA+ AA+	Aaa Aaa	07/21/20	07/23/20	1.636,780.80 2,407,948.40 1.126,485.70	0.41 0.48 0.44	3.033.61 2.520.83 776.88	1.630.888.90 2.418.257.28 1.129.409.26	1,590,868.59 2,352,128.68 1,094,044.53
Federal Agency Bond / Note FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025 FREDDIE MAC DTD 07/23/2020 0.375% 07/21/2025 FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025 FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025 FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025 FANNIE MAE	3137EAEU9 3135G05X7 3135G05X7	1,630,000.00 2,420,000.00 1,130,000.00 2,800,000.00	AA+ AA+ AA+ AA+	Aaa Aaa Aaa	07/21/20 10/15/20 08/25/20	07/23/20 10/16/20 08/27/20	1.636.780.80 2.407.948.40 1.126.485.70 2.786.896.00	0.41 0.48 0.44 0.47	3.033.61 2.520.83 776.88 1,925.00	1.630.888.90 2.418.257.28 1.129,409.26 2.797.857.30	1,590,868.59 2,352,128.68 1,094,044.53 2,710,906.80



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS	INSURANCE	E AUTH									
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Federal Agency Bond / Note											
FEDERAL FARM CREDIT BANK (CALLABLE) DTD 09/29/2020 0.530% 09/29/2025	3133EMBH4	1,900,000.00	AA+	Aaa	10/07/20	10/09/20	1,896,675.00	0.57	895.11	1,899,390.73	1,836,534.30
FANNIE MAE DTD 11/12/2020 0.500% 11/07/2025	3135G06G3	4,830,000.00	AA+	Aaa	11/19/20	11/24/20	4,828,164.60	0.51	11,672.50	4,829,623.24	4,649,358.00
FANNIE MAE DTD 04/26/2016 2.125% 04/24/2026	3135G0K36	3,050,000.00	AA+	Aaa	04/25/16	04/26/16	3,026,149.00	2.21	1,260.24	3,046,466.76	2,960,818.00
FEDERAL HOME LOAN BANK DTD 11/16/2018 3.250% 11/16/2028	3130AFFX0	1,000,000.00	AA+	Aaa	03/06/19	03/08/19	1,025,300.00	2.95	14,895.83	1,010,553.76	968,576.00
FEDERAL HOME LOAN BANK DTD 11/16/2018 3.250% 11/16/2028	3130AFFX0	3,000,000.00	AA+	Aaa	01/07/19	01/09/19	3,065,400.00	2.99	44,687.50	3,026,827.46	2,905,728.00
FANNIE MAE DTD 08/05/2020 0.875% 08/05/2030	3135G05Q2	2,500,000.00	AA+	Aaa	09/02/20	09/03/20	2,471,875.00	0.99	5,225.69	2,483,669.86	2,071,735.00
FANNIE MAE DTD 08/05/2020 0.875% 08/05/2030	3135G05Q2	2,810,000.00	AA+	Aaa	08/05/20	08/06/20	2,795,163.20	0.93	5,873.68	2,801,449.98	2,328,630.14
FEDERAL HOME LOAN BANK DTD 08/25/2022 3.375% 09/10/2032	3130AT4C8	1,115,000.00	AA+	Aaa	11/03/22	11/04/22	983,864.85	4.89	5,331.09	1,010,380.33	1,038,125.21
Security Type Sub-Total		42,755,000.00)				42,580,967.70	1.02	108,815.05	42,647,510.66	40,608,733.23
Corporate Note											
GOLDMAN SACHS GROUP INC (CALLABLE) DTD 05/22/2015 3.750% 05/22/2025	38148LAE6	2,130,000.00	BBB+	A2	02/12/21	02/17/21	2,379,593.40	0.94	35,278.13	2,149,172.92	2,118,005.97
UNITEDHEALTH GROUP INC DTD 07/23/2015 3.750% 07/15/2025	91324PCP5	2,000,000.00) A+	A2	09/11/20	09/15/20	2,290,820.00	0.69	22,083.33	2,042,453.03	1,988,788.00
JOHNSON & JOHNSON (CALLABLE) DTD 08/25/2020 0.550% 09/01/2025	478160CN2	4,000,000.00) AAA	Aaa	09/02/20	09/04/20	4,020,360.00	0.45	3,666.67	4,003,111.03	3,872,156.00
BRISTOL-MYERS SQUIBB CO (CALLABLE) DTD 11/13/2020 0.750% 11/13/2025	110122DN5	1,114,000.00) А	A2	06/17/21	06/21/21	1,102,904.56	0.98	3,899.00	1,111,390.96	1,071,943.16



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CALIFORNIA JOINT POWERS	INSURANCE	AUTH									
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
BRISTOL-MYERS SQUIBB CO (CALLABLE) DTD 11/13/2020 0.750% 11/13/2025	110122DN5	1,280,000.00	Α	A2	06/23/21	06/25/21	1,269,030.40	0.95	4,480.00	1,277,414.01	1,231,676.16
NOVARTIS CAPITAL CORP (CALLABLE) DTD 11/20/2015 3.000% 11/20/2025	66989HAJ7	3,535,000.00	AA-	Aa3	01/27/23	01/31/23	3,406,608.80	4.39	47,427.92	3,486,773.77	3,486,305.38
STATE STREET CORP (CALLABLE) DTD 02/07/2022 1.746% 02/06/2026	857477BR3	500,000.00	Α	A1	02/02/22	02/07/22	500,000.00	1.75	2,061.25	500,000.00	495,242.50
JPMORGAN CHASE & CO (CALLABLE) DTD 03/13/2020 2.005% 03/13/2026	46647PBH8	1,085,000.00	Α-	A1	04/01/22	04/05/22	1,044,855.00	3.01	2,900.57	1,071,070.99	1,072,625.58
BANK OF AMERICA CORP (CALLABLE) DTD 03/22/2022 3.384% 04/02/2026	06051GKM0	2,425,000.00	Α-	A1	03/17/22	03/22/22	2,425,000.00	3.38	6,610.55	2,425,000.00	2,407,949.82
BANK OF AMERICA NA (CALLABLE) DTD 08/18/2023 5.526% 08/18/2026	06428CAA2	2,105,000.00	A+	Aa1	08/17/23	08/21/23	2,104,873.70	5.53	23,587.58	2,104,924.13	2,142,001.69
JP MORGAN CHASE BANK NA (CALLABLE) DTD 12/08/2023 5.110% 12/08/2026	48125LRU8	735,000.00	A+	Aa2	08/08/24	08/09/24	744,819.60	4.50	14,919.07	743,869.68	743,580.39
JP MORGAN CHASE BANK NA (CALLABLE) DTD 12/08/2023 5.110% 12/08/2026	48125LRU8	3,000,000.00	A+	Aa2	12/05/23	12/08/23	3,000,000.00	5.11	60,894.17	3,000,000.00	3,035,022.00
TARGET CORP (CALLABLE) DTD 01/24/2022 1.950% 01/15/2027	87612EBM7	445,000.00	Α	A2	01/19/22	01/24/22	444,243.50	1.99	2,555.04	444,664.62	422,718.41
BANK OF NY MELLON CORP (CALLABLE) DTD 01/26/2022 2.050% 01/26/2027	06406RBA4	3,360,000.00	Α	A1	01/26/22	01/28/22	3,370,819.20	1.98	18,176.67	3,364,735.69	3,191,304.48
HOME DEPOT INC (CALLABLE) DTD 09/14/2017 2.800% 09/14/2027	437076BT8	3,155,000.00	Α	A2	01/25/23	01/27/23	2,977,026.45	4.15	11,533.28	3,044,714.05	3,022,704.54
BANK OF NY MELLON CORP (CALLABLE) DTD 02/07/2017 3.442% 02/07/2028	06406RAB3	1,560,000.00	Α	A1	08/06/24	08/07/24	1,515,602.40	4.33	12,528.88	1,518,376.45	1,517,848.80
JOHN DEERE CAPITAL CORP DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	1,010,000.00	Α	A1	07/11/23	07/14/23	1,008,495.10	4.98	14,859.63	1,008,885.54	1,023,809.73
JOHN DEERE CAPITAL CORP DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	1,205,000.00	Α	A1	07/13/23	07/17/23	1,221,363.90	4.64	17,728.56	1,217,138.61	1,221,475.97



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CALIFORNIA JOINT POWERS INSURANCE AUTH												
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value	
Corporate Note												
SALESFORCE INC (CALLABLE) DTD 07/12/2021 1.500% 07/15/2028	79466LAH7	2,750,000.00	A+	A1	08/05/24	08/06/24	2,475,385.00	4.28	12,145.83	2,490,632.86	2,479,210.25	
PACCAR FINANCIAL CORP DTD 08/10/2023 4.950% 08/10/2028	69371RS64	2,290,000.00	A+	A1	08/18/23	08/22/23	2,284,870.40	5.00	25,504.88	2,286,101.16	2,325,625.53	
CITIBANK NA (CALLABLE) DTD 09/29/2023 5.803% 09/29/2028	17325FBB3	1,480,000.00	A+	Aa3	05/01/24	05/03/24	1,508,623.20	5.30	7,634.17	1,505,671.63	1,537,521.68	
CITIBANK NA (CALLABLE) DTD 09/29/2023 5.803% 09/29/2028	17325FBB3	3,000,000.00	A+	Aa3	09/26/23	09/29/23	3,000,000.00	5.80	15,474.67	3,000,000.00	3,116,598.00	
STATE STREET CORP (CALLABLE) DTD 08/20/2024 4.530% 02/20/2029	857477CN1	1,295,000.00	Α	A1	08/14/24	08/20/24	1,295,000.00	4.53	11,569.75	1,295,000.00	1,286,388.25	
BLACKROCK FUNDING INC (CALLABLE) DTD 03/14/2024 4.700% 03/14/2029	09290DAA9	290,000.00	AA-	Aa3	03/05/24	03/14/24	289,475.10	4.74	1,779.47	289,535.80	291,953.73	
ADOBE INC (CALLABLE) DTD 04/04/2024 4.800% 04/04/2029	00724PAF6	1,070,000.00	A+	A1	04/03/24	04/05/24	1,071,412.40	4.77	3,852.00	1,071,266.30	1,083,578.30	
ADOBE INC (CALLABLE) DTD 04/04/2024 4.800% 04/04/2029	00724PAF6	1,310,000.00	A+	A1	04/01/24	04/04/24	1,308,048.10	4.83	4,716.00	1,308,250.02	1,326,623.90	
MASTERCARD INC (CALLABLE) DTD 05/31/2019 2.950% 06/01/2029	57636QAM6	2,500,000.00	A+	Aa3	06/26/24	06/27/24	2,296,850.00	4.82	30,729.17	2,309,564.64	2,343,130.00	
PEPSICO INC (CALLABLE) DTD 07/17/2024 4.500% 07/17/2029	713448FX1	1,535,000.00	A+	A1	07/15/24	07/17/24	1,532,620.75	4.53	19,955.00	1,532,750.95	1,540,552.10	
TOYOTA MOTOR CREDIT CORP DTD 08/09/2024 4.550% 08/09/2029	89236TMK8	440,000.00	A+	A1	08/06/24	08/09/24	439,106.80	4.60	4,560.11	439,143.57	436,935.84	
TOYOTA MOTOR CREDIT CORP DTD 08/09/2024 4.550% 08/09/2029	89236TMK8	960,000.00	A+	A1	08/07/24	08/09/24	958,896.00	4.58	9,949.33	958,945.09	953,314.56	
TOYOTA MOTOR CREDIT CORP DTD 08/09/2024 4.550% 08/09/2029	89236TMK8	1,100,000.00	A+	A1	08/08/24	08/09/24	1,095,479.00	4.64	11,400.28	1,095,666.98	1,092,339.60	
ELI LILLY & CO (CALLABLE) DTD 08/14/2024 4.200% 08/14/2029	532457CQ9	535,000.00	A+	A1	08/12/24	08/14/24	533,828.35	4.25	4,806.08	533,875.68	528,678.98	



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS	INSURANCE	AUTH									
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
ELI LILLY & CO (CALLABLE) DTD 08/14/2024 4.200% 08/14/2029	532457CQ9	1,865,000.00) A+	A1	08/13/24	08/14/24	1,867,722.90	4.17	16,753.92	1,867,620.95	1,842,965.03
Security Type Sub-Total		57,064,000.00)				56,783,734.01	3.72	486,020.96	56,497,721.11	56,250,574.33
Certificate of Deposit											
COOPERAT RABOBANK UA/NY DTD 07/20/2023 5.080% 07/17/2026	21684LGS5	3,000,000.00) A+	Aa2	07/17/23	07/20/23	3,000,000.00	5.08	44,026.67	3,000,000.00	3,065,943.00
Security Type Sub-Total		3,000,000.00)				3,000,000.00	5.08	44,026.67	3,000,000.00	3,065,943.00
Bank Note											
MORGAN STANLEY BANK NA (CALLABLE) DTD 05/30/2024 5.504% 05/26/2028	61690U8B9	1,020,000.00) A+	Aa3	05/28/24	05/30/24	1,020,000.00	5.50	23,547.95	1,020,000.00	1,037,704.14
MORGAN STANLEY BANK NA (CALLABLE) DTD 05/30/2024 5.504% 05/26/2028	61690U8B9	1,980,000.00) A+	Aa3	05/30/24	05/31/24	1,984,177.80	5.45	45,710.72	1,983,380.09	2,014,366.86
Security Type Sub-Total		3,000,000.00)				3,004,177.80	5.47	69,258.67	3,003,380.09	3,052,071.00
Asset-Backed Security											
TAOT 2021-C A3 DTD 09/27/2021 0.430% 01/15/2026	89239BAC5	176,679.98	B AAA	Aaa	09/21/21	09/27/21	176,665.89	0.43	33.77	176,676.03	175,468.84
CARMX 2021-2 A3 DTD 04/21/2021 0.520% 02/17/2026	14314OAC8	31,097.82	2 AAA	NR	04/13/21	04/21/21	31,091.12	0.52	7.19	31,096.02	31,039.14
HART 2021-C A3 DTD 11/17/2021 0.740% 05/15/2026	44935FAD6	112,033.97	7 AAA	NR	11/09/21	11/17/21	112,008.96	0.75	36.85	112,025.41	111,179.15
CCCIT 2023-A1 A1 DTD 12/11/2023 5.230% 12/08/2027	17305EGW9	675,000.00) AAA	Aaa	12/04/23	12/11/23	674,915.36	5.23	14,022.94	674,933.16	679,430.03
TAOT 2023-D A3 DTD 11/14/2023 5.540% 08/15/2028	89239FAD4	450,000.00) AAA	NR	11/07/23	11/14/23	449,951.49	5.54	1,108.00	449,961.63	457,174.80
HART 2023-C A3 DTD 11/13/2023 5.540% 10/16/2028	44918CAD4	665,000.00) AAA	NR	11/03/23	11/13/23	664,912.55	5.54	1,637.38	664,929.24	675,882.73



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS	INSURANCE	: AUTH									
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Asset-Backed Security											
BACCT 2023-A2 A2 DTD 12/14/2023 4.980% 11/15/2028	05522RDH8	1,105,000.00	NR	Aaa	12/07/23	12/14/23	1,104,851.60	4.98	2,445.73	1,104,878.95	1,115,431.20
GMCAR 2024-1 A3 DTD 01/17/2024 4.850% 12/18/2028	36268GAD7	295,000.00	NR NR	Aaa	01/09/24	01/17/24	294,940.68	4.85	596.15	294,949.30	296,514.82
CHAIT 2024-A1 A DTD 01/31/2024 4.600% 01/16/2029	161571HV9	2,825,000.00	AAA	NR	01/24/24	01/31/24	2,824,569.75	4.60	5,775.56	2,824,633.17	2,830,017.20
Security Type Sub-Total		6,334,811.77	1				6,333,907.40	4.71	25,663.57	6,334,082.91	6,372,137.91
Managed Account Sub-Total		332,979,803.53	1				329,765,860.56	2.99	1,893,543.34	330,749,370.42	323,831,169.49
Securities Sub-Total	\$	332,979,803.53	1				\$329,765,860.56	2.99%	\$1,893,543.34	\$330,749,370.42	\$323,831,169.49
Accrued Interest											\$1,893,543.34
Total Investments											\$325,724,712.83



For the Month Ending October 31, 2024

CALIFORNIA JOINT POWERS INSURANCE AUTH												
Transact	ion Type				Principal	Accrued		Realized G/L	Realized G/L	Sale		
Trade	Settle	Security Description	CUSIP	Par	Proceeds	Interest	Total	Cost	Amort Cost	Method		
BUY												
10/02/24	10/03/24	US TREASURY N/B DTD 11/15/2022 4.125% 11/15/2032	91282CFV8	4,490,000.00	(4,622,069.14)	(70,964.57)	(4,693,033.71)					
10/08/24	10/16/24	FHMS K529 A2 DTD 10/01/2024 4.791% 09/01/2029	3137HH6C0	1,880,000.00	(1,917,575.56)	(3,752.95)	(1,921,328.51)					
10/10/24	10/10/24	UNITED STATES TREASURY BILL DTD 06/18/2024 0.000% 10/15/2024	912797LT2	1,928,000.00	(1,926,741.31)	0.00	(1,926,741.31)					
Transactio	on Type Sul	o-Total		8,298,000.00	(8,466,386.01)	(74,717.52)	(8,541,103.53)					
INTER	EST											
10/01/24	10/01/24	MONEY MARKET FUND DTD 01/01/2010 0.000%	MONEY0002		0.00	3,384.81	3,384.81					
10/01/24	10/25/24	FHMS KJ46 A1 DTD 07/01/2023 4.777% 06/01/2028	3137HAD45		0.00	9,200.48	9,200.48					
10/01/24	10/25/24	FHMS K066 A2 DTD 08/01/2017 3.117% 06/01/2027	3137F2LJ3		0.00	7,104.16	7,104.16					
10/01/24	10/25/24	FHMS KJ47 A1 DTD 09/01/2023 5.272% 08/01/2028	3137HAMN3		0.00	10,749.22	10,749.22					
10/01/24	10/25/24	FHMS K520 A2 DTD 04/01/2024 5.180% 03/01/2029	3137HCKV3		0.00	7,338.33	7,338.33					
10/01/24	10/25/24	FHMS K522 A2 DTD 06/01/2024 4.803% 05/01/2029	3137HDJJ0		0.00	12,808.00	12,808.00					
10/01/24	10/25/24	FHMS K514 A2 DTD 02/01/2024 4.572% 12/01/2028	3137HBLV4		0.00	6,858.00	6,858.00					
10/01/24	10/25/24	FHMS K517 A2 DTD 03/01/2024 5.355% 01/01/2029	3137HC2C5		0.00	11,981.81	11,981.81					
10/01/24	10/25/24	FNA 2023-M6 A2 DTD 07/01/2023 4.181% 07/01/2028	3136BQDE6		0.00	9,655.45	9,655.45					
10/01/24	10/25/24	FHMS K507 A1 DTD 09/01/2023 4.800% 04/01/2028	3137HAMR4		0.00	11,245.69	11,245.69					
10/01/24	10/25/24	FHMS K513 A2 DTD 01/01/2024 4.724% 12/01/2028	3137HBFY5		0.00	7,046.63	7,046.63					
10/01/24	10/25/24	FHMS K508 A2 DTD 10/01/2023 4.740% 08/01/2028	3137HAQ74		0.00	12,442.50	12,442.50					



For the Month Ending October 31, 2024

CALIFO	RNIA JO	DINT POWERS INSURANCE	AUTH							
Transact	ion Type				Principal	Accrued		Realized G/L	Realized G/L	Sale
Trade	Settle	Security Description	CUSIP	Par	Proceeds	Interest	Total	Cost	Amort Cost	Method
INTER	EST									
10/01/24	10/25/24	FHMS K506 A1	3137HAMG8		0.00	5,755.10	5,755.10			
		DTD 09/01/2023 4.650% 05/01/2028								
10/01/24	10/25/24	FHMS K515 A2	3137HBPD0		0.00	13,725.00	13,725.00			
10/01/24	10/25/24	DTD 02/01/2024 5.400% 01/01/2029 FHMS K507 A2	3137HAMS2		0.00	12,000.00	12,000.00			
10/01/24	10/23/24	DTD 09/01/2023 4.800% 09/01/2028	313/11AI132		0.00	12,000.00	12,000.00			
10/01/24	10/25/24	FHMS K509 A2	3137HAST4		0.00	9,558.54	9,558.54			
		DTD 10/01/2023 4.850% 09/01/2028								
10/01/24	10/25/24	FHMS K518 A2	3137HC2L5		0.00	9,765.00	9,765.00			
10/01/24	10/25/24	DTD 03/01/2024 5.400% 01/01/2029 FHMS K064 A2	3137BXQY1		0.00	8,328.67	8,328.67			
10/01/24	10/23/24	DTD 05/01/2017 3.224% 03/01/2027	3137BAQ11		0.00	0,320.07	0,320.07			
10/01/24	10/25/24	FHMS K061 A2	3137BTUM1		0.00	5,882.88	5,882.88			
		DTD 01/01/2017 3.347% 11/01/2026								
10/01/24	10/25/24	FHMS K512 A2	3137HBCF9		0.00	6,583.33	6,583.33			
10/01/24	10/25/24	DTD 12/01/2023 5.000% 11/01/2028 FHMS K511 A2	3137HB3G7		0.00	7,067.25	7,067.25			
10/01/24	10/23/24	DTD 12/01/2023 4.860% 10/01/2028	313/11030/		0.00	7,007.23	7,007.23			
10/01/24	10/25/24	FHMS K505 A2	3137HACX2		0.00	12,047.50	12,047.50			
		DTD 07/01/2023 4.819% 06/01/2028								
10/01/24	10/25/24	FHMS K510 A2	3137HB3D4		0.00	5,069.00	5,069.00			
10/01/24	10/25/24	DTD 11/01/2023 5.069% 10/01/2028	21271101/56		0.00	10 402 67	10 402 67			
10/01/24	10/25/24	FHMS K524 A2 DTD 07/01/2024 4.720% 05/01/2029	3137HDV56		0.00	10,403.67	10,403.67			
10/01/24	10/25/24	FHMS K065 A2	3137F1G44		0.00	4,756.40	4,756.40			
		DTD 07/01/2017 3.243% 04/01/2027								
10/01/24	10/25/24	FHMS K506 A2	3137HAMH6		0.00	11,625.00	11,625.00			
10/01/01	10/25/24	DTD 09/01/2023 4.650% 08/01/2028	0407115174		0.00	4 226 25	4 225 25			
10/01/24	10/25/24	FHMS K528 A2 DTD 09/01/2024 4.508% 07/01/2029	3137HFNZ4		0.00	4,226.25	4,226.25			
10/02/24	10/02/24	BANK OF AMERICA CORP (CALLABLE)	06051GKM0		0.00	41,031.00	41,031.00			
.,.,	,	DTD 03/22/2022 3.384% 04/02/2026				,	,,,,			
10/04/24	10/04/24	ADOBE INC (CALLABLE)	00724PAF6		0.00	57,120.00	57,120.00			
		DTD 04/04/2024 4.800% 04/04/2029								



For the Month Ending October 31, 2024

Transact	ion Type				Principal	Accrued		Realized G/L	Realized G/L	Sale
Trade	Settle	Security Description	CUSIP	Par	Proceeds	Interest	Total	Cost	Amort Cost	Method
INTER		Security Description	COOL	i di	1100000	11101050	Total	COSC	Amore cose	rictio
10/15/24	10/15/24	BACCT 2023-A2 A2	05522RDH8		0.00	4,585.75	4,585.75			
10, 13, 2 :	10, 15, 2.	DTD 12/14/2023 4.980% 11/15/2028	03322110110		0.00	1,303173	1,3031,3			
10/15/24	10/15/24	CARMX 2021-2 A3	14314OAC8		0.00	26.65	26.65			
10/15/24	10/15/24	DTD 04/21/2021 0.520% 02/17/2026 TAOT 2023-D A3	89239FAD4		0.00	2,077.50	2,077.50			
10/13/24	10/13/24	DTD 11/14/2023 5.540% 08/15/2028	092391 AD4		0.00	2,077.30	2,077.30			
10/15/24	10/15/24	HART 2021-C A3	44935FAD6		0.00	84.84	84.84			
		DTD 11/17/2021 0.740% 05/15/2026								
10/15/24	10/15/24	HART 2023-C A3 DTD 11/13/2023 5.540% 10/16/2028	44918CAD4		0.00	3,070.08	3,070.08			
10/15/24	10/15/24	CHAIT 2024-A1 A	161571HV9		0.00	10,829.17	10,829.17			
10, 13, 2 :	10, 15, 2.	DTD 01/31/2024 4.600% 01/16/2029	1013/11113		0.00	10,023.17	10,023.17			
10/15/24	10/15/24	TAOT 2021-C A3	89239BAC5		0.00	80.37	80.37			
		DTD 09/27/2021 0.430% 01/15/2026								
10/16/24	10/16/24	GMCAR 2024-1 A3 DTD 01/17/2024 4.850% 12/18/2028	36268GAD7		0.00	1,192.29	1,192.29			
10/24/24	10/24/24	FANNIE MAE	3135G0K36		0.00	32,406.25	32,406.25			
		DTD 04/26/2016 2.125% 04/24/2026								
10/31/24	10/31/24	US TREASURY N/B	912828ZN3		0.00	9,962.50	9,962.50			
10/31/24	10/31/24	DTD 04/30/2020 0.500% 04/30/2027 US TREASURY N/B	91282CAU5		0.00	3,587.50	3,587.50			
10/31/21	10/31/21	DTD 11/02/2020 0.500% 10/31/2027	31202CA03		0.00	3,307.30	3,307.30			
10/31/24	10/31/24	US TREASURY N/B	91282CFT3		0.00	41,500.00	41,500.00			
		DTD 10/31/2022 4.000% 10/31/2029								
10/31/24	10/31/24	US TREASURY N/B DTD 11/02/2020 0.250% 10/31/2025	91282CAT8		0.00	2,243.75	2,243.75			
10/31/24	10/31/24	US TREASURY N/B	91282CHA2		0.00	54,775.00	54,775.00			
10,01,1.	10,01,1.	DTD 05/01/2023 3.500% 04/30/2028	511010 <u>.</u>		0.00	5 1,7 7 51.00	3 1,7 7 3 1 3 4			
Transacti	on Type Sul	o-Total			0.00	501,181.32	501,181.32			
MATUR	RITY									
10/15/24	10/15/24	UNITED STATES TREASURY BILL	912797LT2	1,928,000.00	1,928,000.00	0.00	1,928,000.00	1,258.69	0.00	
		DTD 06/18/2024 0.000% 10/15/2024								



For the Month Ending October 31, 2024

Transact	ion Type				Principal	Accrued		Realized G/L	Realized G/L	Sale
Trade	Settle	Security Description	CUSIP	Par	Proceeds	Interest	Total	Cost	Amort Cost	Metho
Transacti	on Type Sul	b-Total		1,928,000.00	1,928,000.00	0.00	1,928,000.00	1,258.69	0.00	
PAYDO	WNS									
10/01/24	10/25/24	FNA 2023-M6 A2 DTD 07/01/2023 4.181% 07/01/2028	3136BQDE6	17.53	17.53	0.00	17.53	0.29	0.22	
10/01/24	10/25/24	FHMS KJ47 A1 DTD 09/01/2023 5.272% 08/01/2028	3137HAMN3	64,624.35	64,624.35	0.00	64,624.35	0.33	0.23	
10/01/24	10/25/24	FHMS K506 A1 DTD 09/01/2023 4.650% 05/01/2028	3137HAMG8	1,358.26	1,358.26	0.00	1,358.26	20.31	16.20	
10/01/24	10/25/24	FHMS K061 A2 DTD 01/01/2017 3.347% 11/01/2026	3137BTUM1	4,362.36	4,362.36	0.00	4,362.36	134.28	82.42	
10/01/24	10/25/24	FHMS KJ46 A1 DTD 07/01/2023 4.777% 06/01/2028	3137HAD45	1,801.40	1,801.40	0.00	1,801.40	0.04	0.03	
10/01/24	10/25/24	FHMS K507 A1 DTD 09/01/2023 4.800% 04/01/2028	3137HAMR4	11,339.64	11,339.64	0.00	11,339.64	177.95	144.73	
10/15/24	10/15/24	HART 2021-C A3 DTD 11/17/2021 0.740% 05/15/2026	44935FAD6	25,537.70	25,537.70	0.00	25,537.70	5.70	2.01	
10/15/24	10/15/24	TAOT 2021-C A3 DTD 09/27/2021 0.430% 01/15/2026	89239BAC5	47,610.74	47,610.74	0.00	47,610.74	3.79	1.10	
10/15/24	10/15/24	CARMX 2021-2 A3 DTD 04/21/2021 0.520% 02/17/2026	14314QAC8	30,395.96	30,395.96	0.00	30,395.96	6.55	1.81	
Transacti	on Type Sul	b-Total		187,047.94	187,047.94	0.00	187,047.94	349.24	248.75	
SELL										
10/02/24	10/03/24	FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	2,985,000.00	2,909,091.45	4,394.59	2,913,486.04	(82,893.45)	(76,925.85)	FIFO
10/02/24	10/03/24	FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	15,000.00	14,618.55	22.08	14,640.63	(411.60)	(385.81)	FIFO
10/09/24	10/10/24	FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	1,005,000.00	978,618.75	1,577.29	980,196.04	(28,732.95)	(26,714.32)	FIFO
10/09/24	10/10/24	FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	870,000.00	847,162.50	1,365.42	848,527.92	(26,456.70)	(23,356.03)	FIFO



For the Month Ending October 31, 2024

CALIF	CALIFORNIA JOINT POWERS INSURANCE AUTH											
Transac Trade	tion Type Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method		
Managed	d Account Su	b-Total			(1,601,846.82)	433,823.18	(1,168,023.64)	(136,886.77)	(127,133.26))		
Total Sec	curity Transa	ctions			(\$1,601,846.82)	\$433,823.18	(\$1,168,023.64)	(\$136,886.77)	(\$127,133.26))		

Disclaimer

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CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Jason McBride, Finance Director

Date: November 20, 2024

Subject: Local Agency Investment Fund Quarterly Report as of September 30, 2024

The Authority's Investment Policy requires quarterly reporting of the percentages that LAIF has invested in each security type. The attached report provides this information.

Recommended Action

Receive and file.

Fiona Ma, CPA

Treasurer State of California

Quarterly Report
On the
Pooled Money Investment Account



For the Quarter Ending September 30, 2024

OFFICE OF THE TREASURER

P. O. BOX 942809 SACRAMENTO, CA 94209-0001



Date: October 22, 2024

To: Pooled Money Investment Board

From: Jeffrey Wurm, Director

Investment Division

Subject: PMIA Quarterly Report

California Government Code Section 16481.2 requires the Treasurer to submit a quarterly report on the resources of the Pooled Money Investment Account (PMIA) to the Pooled Money Investment Board (PMIB). This report must be transmitted to the PMIB within 30 days of the close of a quarter and must contain the following:

- 1. The type of investment, name of issuer, date of maturity and the par and dollar amount of each security, investment and money within the treasury (i.e., the investment portfolio and demand accounts of the PMIA).
- 2. The weighted average maturity of the investments within the treasury.
- 3. Any funds, investments, or programs, including loans, under the management of contracted parties.
- 4. The market value as of the date of the report (quarter-end), and the source of this valuation for any security within the treasury.
- 5. A statement of Compliance with the Investment Policy.

The required information is contained in the following two sections:

Section I contains: (1) a summary of the PMIA resources, including the investment portfolio size and average life and the amount of demand account bank balances; and (2) an analysis of the PMIA investment portfolio by type of investment.

Section II contains: (1) market valuation by security type; and (2) a detailed listing of the PMIA portfolio holdings, including the investment type, name of issuer, par value, book value, market value and the source of the market value for each security held in the portfolio at quarter-end.

Compliance with Investment Policy

As required by California Government Code Section 16481.2 I confirm, to the best of my knowledge, that during the quarter ended September 30, 2024, all investments made on behalf of the Pooled Money Investment Account complied with the guidelines and provisions of the Investment Policy for the Pooled Money Investment Account. There were no funds, investments, or programs, including loans, that were under management of contracted parties.

Jeffrey Wurm

October 22, 2024

Date

POOLED MONEY INVESTMENT ACCOUNT

SUMMARY OF RESOURCES

September 30, 2024

(Dollars in thousands)

Total PMIA Resources		\$ 163,445,871
Demand Bank Account Balances		\$ 1,875,469
Average Life (in days)	231	
Year-to-date Yield	4.556%	
Quarter-to-date Yield	4.556%	
Effective Yield	4.576%	
Portfolio Amount		\$ 161,570,402

POOLED MONEY INVESTMENT ACCOUNT

SUMMARY OF RESOURCES

September 30, 2024

(Dollars in thousands)

Type of Security	Amount	Percent
Government		
Bills	\$ 37,219,132	23.04%
Bonds	-	0.00%
Notes	52,438,210	32.46%
Strips	-	0.00%
Total Governments	\$ 89,657,342	55.49%
Federal Agency Debentures	\$ 13,731,664	8.50%
Certificates of Deposit	14,150,000	8.76%
Bank Notes	-	0.00%
Repurchases	-	0.00%
Federal Agency Discount Notes	27,802,856	17.21%
Time Deposits	5,149,000	3.19%
GNMAs	-	0.00%
Commercial Paper	9,817,310	6.08%
FHLMC / REMICS	1,343	0.00%
Corporate Bonds	841,781	0.52%
PMIA Loans	419,106	0.26%
GF Loans	-	0.00%
Other	-	0.00%
Reverse Repurchases	-	0.00%
Total, All Types	\$ 161,570,402	100.00%

^{* -} Total percentage is rounded up to 100% due to truncated numbers.



State of California Pooled Money Investment Account Market Valuation 9/30/2024

		arrying Cost Plus					
Description	Acc	rued Interest Purch.	Amortized Cost Fair Value		Accrued Interest		
United States Treasury:							
Bills	\$	37,219,132,119.94	\$	37,611,761,722.45	\$ 37,649,874,730.00		NA
Notes	\$	52,438,209,673.44	\$	52,431,249,843.99	\$ 52,628,447,237.50	\$	338,916,414.00
Federal Agency:							
SBA	\$	234,789,566.25	\$	234,789,566.25	\$ 239,688,922.19	\$	1,137,293.83
MBS-REMICs	\$	1,343,330.39	\$	1,343,330.39	\$ 1,333,133.17	\$	5,860.17
Debentures	\$	8,551,295,296.41	\$	8,550,807,275.58	\$ 8,572,162,650.00	\$	88,174,874.00
Debentures FR	\$	-	\$	-	\$ -	\$	-
Debentures CL	\$	1,900,000,000.00	\$	1,900,000,000.00	\$ 1,915,595,500.00	\$	23,839,290.00
Discount Notes	\$	27,802,855,756.89	\$	28,183,541,083.32	\$ 28,201,570,100.00		NA
Supranational Debentures	\$	3,045,579,031.00	\$	3,045,427,121.27	\$ 3,058,954,350.00	\$	30,087,194.50
Supranational Debentures FR	\$	-	\$	-	\$ -	\$	-
CDs and YCDs FR	\$	_	\$	_	\$ 	\$	-
Bank Notes	\$	_			\$ -	\$	_
CDs and YCDs	\$	14,150,000,000.00	\$	14,150,000,000.00	\$ 14,167,238,042.50	\$	234,857,430.54
Commercial Paper	\$	9,817,309,625.04	\$	9,932,313,000.02	\$ 9,943,126,375.07		NA
Corporate:							
Bonds FR	\$	_	\$	-	\$ -	\$	-
Bonds	\$	841,781,179.90	\$	841,450,311.84	\$ 839,516,915.00	\$	7,674,799.03
Repurchase Agreements	\$		\$		\$ 	\$	_
Reverse Repurchase	\$	-	\$	-	\$ -	\$	-
Time Deposits	\$	5,149,000,000.00	\$	5,149,000,000.00	\$ 5,149,000,000.00		NA
PMIA & GF Loans	\$	419,106,000.00	\$	419,106,000.00	\$ 419,106,000.00		NA
TOTAL	\$	161,570,401,579.26	\$	162,450,789,255.11	\$ 162,785,613,955.43	\$	724,693,156.07

Fair Value Including Accrued Interest

\$ 163,510,307,111.50

Repurchase Agreements, Time Deposits, PMIA & General Fund loans, and Reverse Repurchase agreements are carried at portfolio book value (carrying cost).

The value of each participating dollar equals the fair value divided by the amortized cost (1.002061084). As an example: if an agency has an account balance of \$20,000,000.00, then the agency would report its participation in the LAIF valued at \$20,041,221.68 or \$20,000,000.00 x 1.002061084.

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Jason McBride, Finance Director

Date: November 20, 2024

Subject: Los Angeles County Pooled Investment Fund Report

The Authority's Investment Policy requires quarterly reporting of the percentages that the LA County Investment Pool has invested in each security type. The attached reports provide this information for the quarter ended September 30, 2024.

The county maintains two separate investment portfolios: the Pooled Surplus Investment portfolio (PSI), and the Specific Purpose Investment portfolio (SPI). All of the Authority funds on deposit with the county are held in the PSI portfolio. A complete listing of individual securities held in the PSI portfolio is available on the following website:

Report of Investments for the month of September 2024

Recommended Action

Receive and file.



COUNTY OF LOS ANGELES TREASURER AND TAX COLLECTOR

Kenneth Hahn Hall of Administration 500 West Temple Street, Room 437 Los Angeles, California 90012 Telephone: (213) 974-2101 Fax: (213) 626-1812 ttc.lacounty.gov and propertytax.lacounty.gov Board of Supervisors
HILDA L. SOLIS
First District
HOLLY J. MITCHELL
Second District
LINDSEY P. HORVATH
Third District
JANICE HAHN
Fourth District
KATHRYN BARGER

Fifth District

ELIZABETH BUENROSTRO GINSBERG
TREASURER AND TAX COLLECTOR

October 31, 2024

TO: Supervisor Lindsey P. Horvath, Chair

Supervisor Hilda L. Solis Supervisor Holly J. Mitchell Supervisor Janice Hahn Supervisor Kathryn Barger

FROM: Elizabeth Buenrostro Ginsberg

Treasurer and Tax Collector

SUBJECT: REPORT OF INVESTMENTS FOR THE MONTH OF SEPTEMBER 2024

The Report of Investments for the month of September 2024 has been compiled pursuant to the California Government Code and the Treasurer and Tax Collector's (TTC) Investment Policy.

light Byinsberg

All investments made during the month of September 2024 were in accordance with the California Government Code and conform to the TTC's Investment Policy.

The attached Schedules A and B summarize important Treasury Pool information. You will find the complete monthly Report of Investments at the following link:

https://ttc.lacounty.gov/monthly-reports/

Should you have any questions, please contact me directly or your staff may contact Ms. Damia J. Johnson, Assistant Treasurer and Tax Collector, of my staff at (213) 974-2139 or djohnson@ttc.lacounty.gov.

EBG:DJJ:JK:mn

Attachments

c: Chief Executive Officer Executive Officer, Board of Supervisors Auditor-Controller County Counsel

THE LOS ANGELES COUNTY POOLED SURPLUS INVESTMENTS

The Treasurer and Tax Collector (the Treasurer) of Los Angeles County has the delegated authority to invest funds on deposit in the County Treasury (Treasury Pool). As of September 30, 2024, investments in the Treasury Pool were held for local agencies including school districts, community college districts, special districts and discretionary depositors such as cities and independent districts in the following amounts:

	Invested Funds
<u>Local Agency</u>	(in billions)
County of Los Angeles and Special Districts	\$20.618
Schools and Community Colleges	28.432
Discretionary Participants	4.220
Total	\$53.270

The Treasury Pool participation composition is as follows:

Non-discretionary Participants	92.08%
Discretionary Participants:	
Independent Public Agencies	7.79%
County Bond Proceeds and Repayment Funds	0.13%
Total	100.00%

Decisions on the investment of funds in the Treasury Pool are made by the County Investment Officer in accordance with established policy, with certain transactions requiring the Treasurer's prior approval. In Los Angeles County, investment decisions are governed by Chapter 4 (commencing with Section 53600) of Part 1 of Division 2 of Title 5 of the California Government Code, which governs legal investments by local agencies in the State of California, and by a more restrictive Investment Policy developed by the Treasurer and adopted by the Los Angeles County Board of Supervisors on an annual basis. The Investment Policy adopted on March 19, 2024, reaffirmed the following criteria and order of priority for selecting investments:

- 1. Safety of Principal
- 2. Liquidity
- 3. Return on Investment

The Treasurer prepares a monthly Report of Investments (the Investment Report) summarizing the status of the Treasury Pool, including the current market value of all investments. This report is submitted monthly to the Board of Supervisors. According to

the Investment Report dated, the September 30, 2024 book value of the Treasury Pool was approximately \$53.270 billion, and the corresponding market value was approximately \$51.657 billion.

An internal controls system for monitoring cash accounting and investment practices is in place. The Treasurer's Compliance Auditor, who operates independently from the Investment Officer, reconciles cash and investments to fund balances daily. The Compliance Auditor's staff also reviews each investment trade for accuracy and compliance with the Board adopted Investment Policy. On a quarterly basis, the County's outside independent auditor (External Auditor) reviews the cash and investment reconciliations for completeness and accuracy. Additionally, the External Auditor reviews investment transactions on a quarterly basis for conformance with the approved Investment Policy and annually accounts for all investments.

The following table identifies the types of securities held by the Treasury Pool as of September 30, 2024:

Type of Investment	% of Pool
Certificates of Deposit U.S. Government and Agency Obligations Bank Acceptances Commercial Paper Municipal Obligations Corporate Notes & Deposit Notes Repurchase Agreements Asset Backed Instruments	4.41 70.71 0.00 24.84 0.04 0.00 0.00 0.00
Other	0.00 100 00

The Treasury Pool is highly liquid. As of September 30, 2024, approximately 37.46% of the investments mature within 60 days, with an average of 715 days to maturity for the entire portfolio.

TreasPool Update 09/30/2024

POOLED SURPLUS AND SPECIFIC PURPOSE INVESTMENTS AS OF SEPTEMBER 30, 2024

SCHEDULE A

PORTFOLIO PROFILE		Pooled Surplus Investments	Specific Purpose Investments		
Inventory Balance at 09/30/24					
At Cost At Market	\$ \$	53,269,514,786 51,657,273,762	\$ \$	469,038,012 450,679,410	
Repurchase Agreements	\$	-	\$	-	
Reverse Repurchase Agreements	\$	-	\$	-	
Composition by Security Type:					
Certificates of Deposit United States Government		4.41%		0.00%	
and Agency Obligations		70.71%		90.32%	
Bankers Acceptances		0.00%		0.00%	
Commercial Paper		24.84%		0.00%	
Municipal Obligations		0.04%		0.44%	
Corporate and Deposit Notes		0.00%		0.00%	
Repurchase Agreements		0.00%		0.00%	
Asset-Backed		0.00%		0.00%	
Other		0.00%		9.24%	
1-60 days		37.46%		0.00%	
61 days-1 year		21.68%		55.34%	
Over 1 year		40.86%		44.66%	
Weighted Average Days to Maturity		715			

POOLED SURPLUS AND SPECIFIC PURPOSE INVESTMENTS AS OF SEPTEMBER 30, 2024

SCHEDULE A1

The following is a summary of the credit quality distribution and concentration of credit risk by investment type as a percentage of each portfolio's cost at September 30, 2024:

	S&P	Moody's	Fitch	% of Portfolio
<u>PSI</u>				
Commercial Paper	A-1	P-1	F1	24.84%
Municipals:				
Los Angeles County Securities	AAA	Aa1	AA+	0.04%
Negotiable Certificates of Deposit	A-1	P-1	F1	4.41%
U.S. Agency Securities U.S. Treasury Securities:	AA+	Aaa	AAA	52.55%
U.S. Treasury Notes	AA+	Aaa	AA+	4.50%
U.S. Treasury Bills	AA+	Aaa	AA+	13.66%
•				100.00%
OD!				
<u>SPI</u>				
Local Agency Investment Fund	Not Rated	Not Rated	Not Rated	9.24%
Los Angeles County Securities	AAA	Aa1	AA+	0.44%
U.S. Agency Securities U.S. Treasury Securities:	AA+	Aaa	AAA	46.35%
U.S. Treasury Bills	AA+	Aaa	AA+	43.97%
				100.00%

POOLED SURPLUS EARNINGS REPORT SEPTEMBER 30, 2024

SCHEDULE B

TREASURER POOLED SURPLUS INVESTMENT PORTFOLIO

Investment Balance 09/30/24	\$	53,269,514,786
Market Value at 09/30/24	\$	51,657,273,762
Average Daily Balance	\$	51,560,202,576
Gains and Losses:		
For the Month For the Past 12 Months	\$ \$	- -
Unrealized Gains and Losses on Transfers between Portfolio for the Month	\$	-
Earnings for the Month	\$	168,843,511
Earnings for the Past 12 Months	\$	2,301,071,350
Earnings Rate for the Month		3.97%

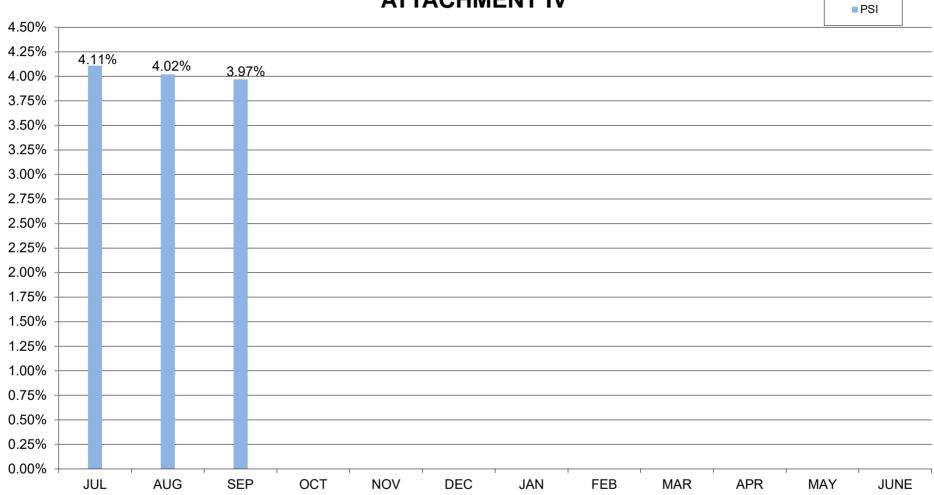
SUMMARY REPORT OF TREASURER'S DEPOSITORY ACCOUNTS AS OF SEPTEMBER 30, 2024

SCHEDULE C

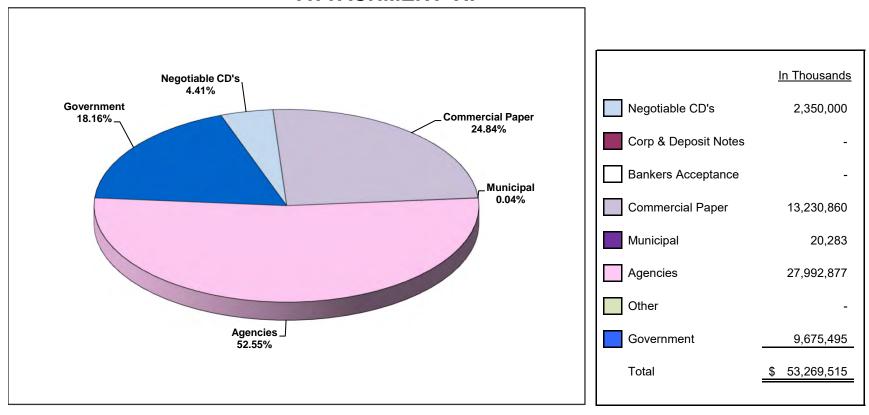
<u>Bank Name</u>	Bank Name Balance		
Bank of America - Concentration	\$	43,141,497.16	
Bank of Montreal - Concentration	\$	109,845,088.57 (A)	
Citibank - Concentration	\$	1,693.33	
JP Morgan Chase - Concentration	\$	101,661,713.64 (B)	
Wells Fargo - Concentration	\$		
Total Ledger Balance for all Banks	\$	254,649,992.70	

- (A) \$100.00 million of this amount is related to the deposit of funds in an interest-bearing money market savings account, in accordance with the Treasurer's authority under California Government Code
- (B) \$100 million of this amount is related to the deposit of funds in an interest-bearing money market savings account, in accordance with the Treasurer's authority under California Government Code Section 53633.

LOS ANGELES COUNTY TREASURER EARNINGS RATE ON INVESTMENTS FISCAL YEAR 2024-25 ATTACHMENT IV



LOS ANGELES COUNTY TREASURER COMPOSITION OF PSI PORTFOLIO BY SECURITY TYPE AS OF SEPTEMBER 2024 ATTACHMENT VII



Investment Composition Is In Compliance With The Los Angeles County Treasurer's Investment Policy.

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

Date: November 20, 2024

Subject: Annotated Agenda from the 2024 Executive Committee Workshop

The Executive Committee held its annual Workshop on April 26-28, 2024. Staff and the Executive Committee discussed a number of current topics affecting the Authority. An annotated agenda of the Workshop is presented that reflects the issues discussed and the direction provided to staff.

Recommended Action

Receive and file.

CALIFORNIA JPIA

35th Annual Executive Committee Workshop April 26-28, 2024 ANNOTATED AGENDA

Topic

State of the Authority

Staff presented an overview of the Authority's organizational structure, significant projects and assignments, member services, training, and other top priorities for 2024. The following items were part of the discussion and were supported by the Executive Committee: Supervisor Essential Skills Training Program, Paylocity HR Management software implementation, and continued cybersecurity improvements to the Authority's internal networks.

Operational Dashboard & Guiding Principles

Staff presented planning tools and oversight practices used by management to routinely monitor and evaluate the Authority's operations in a variety of key areas. Guiding principles were also presented and discussed as a way to promote and enhance the organization's core values by integrating them more fully into everyday job functions and work projects across departments. The core values are integrity, excellence, innovation, and teamwork and the guiding principles are centered upon delivering valuable programs and services to members, pursuing operational excellence, and building long-lasting professional relationships.

Personnel Overview

Staff shared an analysis of personnel, workloads, major projects in progress across the organization, vacant positions, and ongoing recruitment efforts. Anticipated changes in staffing based on evolving needs of members were also discussed.

Risk Management Operations

Information about on-going loss control programs was presented by staff. It was emphasized that providing high-quality risk management services to members is essential to the Authority's operating philosophy. This service delivery model aims to seamlessly work alongside members to provide resources and support in a way that acknowledges and respects local priorities and autonomy, achieves risk management objectives, reduces exposures, improves workplace safety, and builds trust.

Coverage Programs and Financial Performance

Staff presented a slide deck illustrating the qualitative and quantitative performance of the Authority's various coverage programs and financial position. Staff reviewed the financial metrics used to measure the success of the self-insured programs. Staff discussed prospective members and challenges associated with each program.

Formula Review Ad Hoc Committee

The possibility of reconvening the Formula Review Ad Hoc Committee was discussed. Topics and policies to be developed and brought forward include (1) the Authority's net position policy, (2) the potential use of annual contribution credits based on historical loss ratios, and (3) consideration of variable deductibles within the All-Risk Property Program to better tailor coverage and premium to members of different sizes. A considerable amount of research and analysis is necessary to prepare appropriate materials for the Committee's review of these topics. Staff were tasked with moving forward with those preparations.

Local Government Resource Protection

Staff presented information about legislative engagement and advocacy efforts in collaboration with other local government agencies and associations to help improve the legal environment in the state of California. The Executive Committee expressed interest in supporting those efforts.

Land Subsidence Coverage

Recent heavy rains and severe weather conditions were discussed as it relates to their impact on the Authority's land subsidence exposure, as well as the unique nature of land subsidence itself in the context of other covered risks within the Primary Liability Program. Staff were directed to conduct an analysis of potential coverage modifications in this area.

California Risk Pool Industry Dynamics

Staff provided an update on current events within the risk pool industry and how the Authority engages with the California Association of Joint Powers Authorities (CAJPA), the Association of Governmental Risk Insurance Pools (AGRIP), and other industry associations.

Construction Project Update

The demolition of the strip mall on the corner of La Palma and Moody was discussed along with timelines for related permits and approvals.

2025 Executive Committee Workshop

Staff presented several possible dates for the 2025 Workshop. The Executive Committee selected May 2-4, 2025.

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Jason McBride, Finance Director

Date: November 20, 2024

Subject: Investment Performance Review for the Quarter Ended September 30, 2024

Each quarter, the Authority's investment advisor, PFM Asset Management (PFMAM), reviews the performance of the Authority's investment portfolio relative to a custom benchmark. For the quarter ended September 30, 2024, the portfolio returned 3.47%, while the benchmark returned 3.42%. These are total returns for the quarter, and they are not annualized.

The portfolio has outperformed the benchmark by 22 basis points over the past ten years. The full quarterly performance report from PFMAM is attached, which includes a series of charts and graphs displaying relevant economic data and investment strategy.

Recommended Action

Receive and file.



California Joint Powers Insurance Authority

Investment Performance Review For the Quarter Ended September 30, 2024

Client Management Team

PFM Asset Management LLC

Monique Spyke, Managing Director
Joseph Creason, CFA, Director/Senior Portfolio Manager
Michael Kronbetter, Relationship Manager
Richard Babbe, CCM, Relationship Manager

633 W 5th St., 25th Floor Los Angeles, CA 90071 213-500-8694 213 Market Street Harrisburg, PA 17101-2141 717-232-2723

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Market Update

Fixed Income Management

Summary

- ▶ Economic performance in the third quarter of 2024 continued to support a soft-landing outlook for the U.S. economy, underpinned by historically low unemployment, resilient consumer spending, record household wealth and a supportive Federal Reserve (Fed). Inflation continued to make progress towards the Fed's 2% target, while the labor market cooled from it formerly overheated state. This prompted the Fed to acknowledge that the risks on both sides of its dual mandate stable prices and full employment were now "roughly in balance."
- ▶ The Fed cut the overnight policy rate by 50 bps (0.50%) to a new target range of 4.75% to 5.00% at its September 18 meeting, marking the first rate cut in over four years. Furthermore, the Fed's updated "dot plot" implied an additional 50 bps of rate cuts through the balance of 2024 and 100 bps of cuts in 2025. The Fed expects to reach the longer run "neutral" policy rate of 2.875% by the end of 2026.
- ▶ While the bond market priced in much of the Fed's forecasted rate trajectory into lower long-term bond yields, the equity and credit markets remained priced for a soft landing as positive sentiment and investor confidence continued to buoy risk asset valuations. Equity markets surged ahead in Q3. The S&P 500 Index returned 5.9% in the quarter, bringing YTD returns to 22.1%. In a reversal of the first half of the year, market strength broadened out as the Russell 2000 small cap index outperformed the S&P 500, returning 9.3% for the quarter. The NASDAQ also lagged, returning just 2.8% for the quarter. U.S. Treasury yields plunged in Q3, embracing the Fed's expected rate cutting cycle, which supported strong bond market performance.

Economic Snapshot

- ▶ U.S. inflation readings continued to make progress toward the Fed's 2% target as both headline CPI (2.5%) and Core CPI (3.2%) ended the quarter at their lowest levels in over three years. Housing costs remain elevated, however, as shelter inflation at 5.2% year-over-year is roughly double the 2.6% average in the decade preceding the pandemic.
- ▶ U.S. Real GDP growth ramped up in Q2, with the third and final estimate reporting growth of 3.0%, nearly double the rate of the previous quarter. The main contributors of the increase were a surge in private inventories and an acceleration in consumer spending that were partially offset by a downturn in residential housing and weaker net exports.
- ▶ The U.S. labor market added an average of 186,000 jobs per month in Q3, which was a rebound from Q2's relatively weak reading of 147,000 per month. Additionally, the unemployment rate ended the quarter at 4.1%, flat for the quarter but up from 3.7% at the beginning of the year. While the pace of expected hirings has gradually slowed, layoff rates have remained near multi-year lows and weekly jobless claims are firmly below their long-term averages indicating the labor market remains healthy.

Interest Rates

- ► The market spent most of the quarter preparing for the first rate cut in September, after the Fed noted in July that the risks to jobs and prices have come into better balance. The Fed delivered the much-anticipated interest rate cut at its September meeting and reduced the overnight rate by 50 bps, which was on the high side of expectations.
- ▶ U.S. Treasury yields fell sharply throughout Q3, reflecting the imminent outset of the Fed's cutting cycle. The yield on the 2-, 5-, and 10-year U.S. Treasuries ended the quarter at 3.64%, 3.56%, and 3.78%, respectively. This represented decreases of 111 bps, 82 bps, and 62 bps, respectively.
- After spending a record amount of time inverted, the yield curve steepened (as measured by the yield difference between the 2- and 10-year U.S. Treasury notes) and dis-inverted for the first time since July 2022.
- As a result of lower yields, U.S. Treasury indices generated strong total returns for the quarter. The ICE BofA 2-Year and 5-Year U.S. Treasury indices returned 2.85% and 4.41% respectively, while the 10-Year U.S. Treasury index returned 5.73% for the quarter.

Sector Performance

- ➤ Sustained investor appetite continued to pressure yield spreads toward near multi-year lows across most investment grade sectors throughout Q3, resulting in firmly positive excess returns on the corporate and mortgage-related sectors.
- ▶ Federal agency and supranational spreads remained low and rangebound throughout Q3. These sectors produced muted excess returns relative to other investment grade fixed income sectors as issuance remained quite light and the incremental income from the sectors was near zero.
- ▶ Investment-grade (IG) corporates posted a strong quarter as sustained high issuance carried over from Q1 and Q2 was well-absorbed by robust investor demand. As a result, spreads ended the quarter very near their two-year lows. From an excess return perspective, lower-quality and longer-duration issuers generally outperformed. Performance of financial and banking issuers once again led most other industries across most of the yield curve during the quarter.
- ▶ Most mortgage-related sectors were top of class performers during Q3 as spreads continued to test 12-month lows. Agency-backed mortgages rebounded soundly in Q3 following an underwhelming Q2. Declining mortgage rates and a somewhat more positive outlook in the housing market provided a tailwind for the sector during the quarter.
- ▶ Unlike corporates, AAA-rated asset-backed securities (ABS) generated muted excess returns for the quarter as spreads remained modestly elevated for both automobile and credit card collateral. Attractive incremental income from the sector helped offset modest price declines for the quarter.



Economic Snapshot

Labor Market	Late	est	Jun '24	Sep '23	
Unemployment Rate	Aug '24	4.2%	4.1%	3.8%	Unemployment Rate (left) vs. Change in Non-farm Payrolls (right) Change In Non-Farm Payrolls Unemployment Rate 1,000
Change In Non-Farm Payrolls	Aug '24	142,000	118,000	246,000	4.0% 800k
Average Hourly Earnings (YoY)	Aug '24	3.8%	3.8%	4.5%	3.0% 600k 2.0% 400k
Personal Income (YoY)	Aug '24	5.6%	5.8%	5.4%	1.0% 1.0% 200k
Initial Jobless Claims (week)	9/28/24	225,000	239,000	216,000	Sep '21 Mar '22 Sep '22 Mar '23 Sep '23 Mar '24
Growth					
Real GDP (QoQ SAAR)	2024Q2	3.0%	1.6%	2.4% 2	Real GDP (QoQ)
GDP Personal Consumption (QoQ SAAR)	2024Q2	2.8%	1.9%	1.0%	6%
Retail Sales (YoY)	Aug '24	2.1%	2.0%	4.2%	2%
ISM Manufacturing Survey (month)	Sep '24	47.2	48.5	48.6	0%
Existing Home Sales SAAR (month)	Aug '24	3.86 mil.	3.90 mil.	3.98 mil.	Jun '21 Dec '21 Jun '22 Dec '22 Jun '23 Dec '23 Jun
Inflation/Prices					
Personal Consumption Expenditures (YoY)	Aug '24	2.2%	2.4%	3.4%	Consumer Price Index ——CPI (YoY) ——Core CPI (YoY)
Consumer Price Index (YoY)	Aug '24	2.5%	3.0%	3.7%	10% 9% 8%
Consumer Price Index Core (YoY)	Aug '24	3.2%	3.3%	4.1%	7% 6% 5% 4%
Crude Oil Futures (WTI, per barrel)	Sep 30	\$68.17	\$81.54	\$90.79	3% 2% 1% 0%
Gold Futures (oz.)	Sep 30	\$2,636	\$2,340	\$1,848	Sep '21 Mar '22 Sep '22 Mar '23 Sep '23 Mar '24

^{1.} Data as of First Quarter 2024.

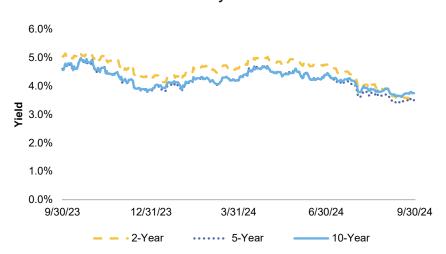
Note: YoY = year-over-year, QoQ = quarter-over-quarter, SAAR = seasonally adjusted annual rate, WTI = West Texas Intermediate crude oil. Source: Bloomberg.

^{2.} Data as of Second Quarter 2023.



Interest Rate Overview

U.S. Treasury Note Yields

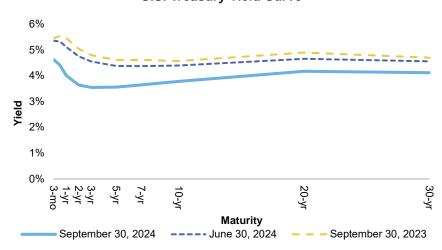


U.S. Treasury Yields

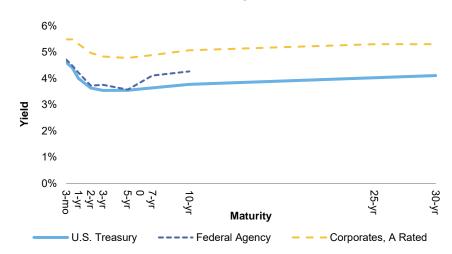
Maturity	Sep '24	Jun '24	Change over Quarter	Sep '23	Change over Year
3-Month	4.63%	5.36%	(0.73%)	5.45%	(0.82%)
1-Year	4.01%	5.12%	(1.11%)	5.46%	(1.45%)
2-Year	3.64%	4.76%	(1.12%)	5.05%	(1.41%)
5-Year	3.56%	4.38%	(0.82%)	4.61%	(1.05%)
10-Year	3.78%	4.40%	(0.62%)	4.57%	(0.79%)
30-Year	4.12%	4.56%	(0.44%)	4.70%	(0.58%)

Source: Bloomberg.

U.S. Treasury Yield Curve



Yield Curves as of September 30, 2024





ICE BofAML Index Returns

As of 09/30/2024

Returns for Periods ended 09/30/2024

September 30, 2024	Duration	Yield	3 Month	1 Year	3 Years
1-3 Year Indices					
U.S. Treasury	1.83	3.70%	2.87%	6.74%	1.33%
Federal Agency	1.46	3.80%	2.52%	6.68%	1.42%
U.S. Corporates, A-AAA rated	1.86	4.27%	3.18%	8.16%	2.00%
Agency MBS (0 to 3 years)	1.41	4.63%	2.70%	7.77%	1.06%
Taxable Municipals	2.01	4.09%	2.78%	7.18%	1.81%
1-5 Year Indices					
U.S. Treasury	2.59	3.65%	3.39%	7.44%	0.76%
Federal Agency	1.91	3.72%	2.77%	7.04%	0.85%
U.S. Corporates, A-AAA rated	2.54	5.13%	0.97%	5.75%	0.26%
Agency MBS (0 to 5 years)	2.33	4.61%	3.72%	9.89%	0.43%
Taxable Municipals	2.51	4.09%	3.23%	7.63%	1.17%
Master Indices (Maturities 1 Year or Greater)					
U.S. Treasury	6.38	3.78%	4.84%	9.93%	(1.89%)
Federal Agency	3.38	3.79%	3.51%	8.49%	0.07%
U.S. Corporates, A-AAA rated	7.00	4.58%	5.73%	13.38%	(1.22%)
Agency MBS (0 to 30 years)	5.12	4.50%	5.54%	12.37%	(1.21%)
Taxable Municipals	9.13	4.76%	5.66%	13.63%	(3.04%)

Returns for periods greater than one year are annualized.

Source: ICE BofAML Indices.



Disclosures

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Current Market Themes



- ► The U.S. economy is characterized by:
 - A labor market that reached better balance and supports consumer activity
 - Inflation that has made meaningful progress towards the Federal Reserve's (Fed) 2% target, although shelter costs remain a headwind
 - Resilient economic growth and consumer spending that support the 'soft landing' scenario



- Fed begins the easing cycle
 - ▶ The Fed cut the federal funds target rate by 50 basis points (bps) to 4.75% 5.00% at its September FOMC meeting
 - Fed officials note they have gained greater confidence the risks to their dual mandate are "roughly" in balance
 - ▶ The Fed's September "dot plot" implies 50 bps of additional cuts in 2024 and 100 bps through 2025



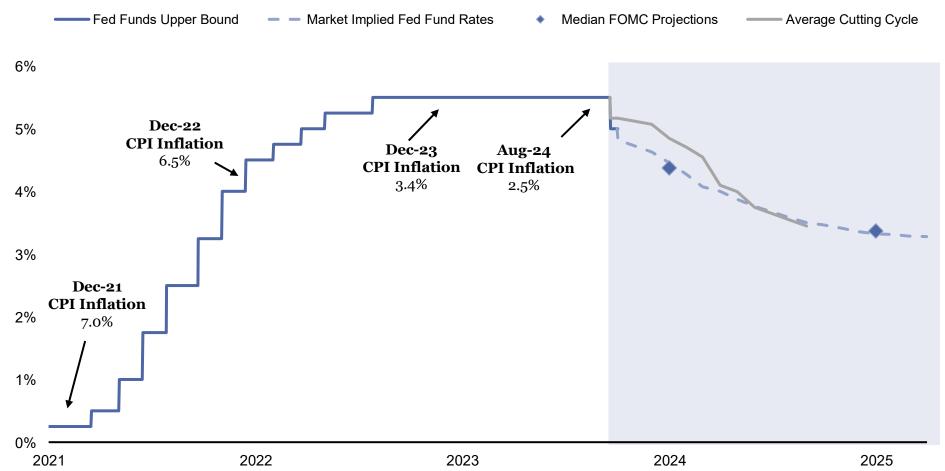
- Treasury yields continued their descent
 - Yields on maturities between 3 months and 10 years fell 62-112 bps during the 3rd quarter
 - ▶ The yield curve began to disinvert in the 3rd quarter as the spread between the 2-year and 10-year Treasury reached positive territory for the first time in over 2 years
 - Despite intra-quarter spread widening, yield spreads across most credit sectors were range bound at tight levels, reflecting the strength of the economy

Source: Bloomberg Finance L.P., as of September 30, 2024.

The Fed Begins the Cutting Cycle With 50bps

Fed Chair Powell: "[I]f we'd have gotten the July [jobs] report before the [July FOMC] meeting would we have cut, well we might have."

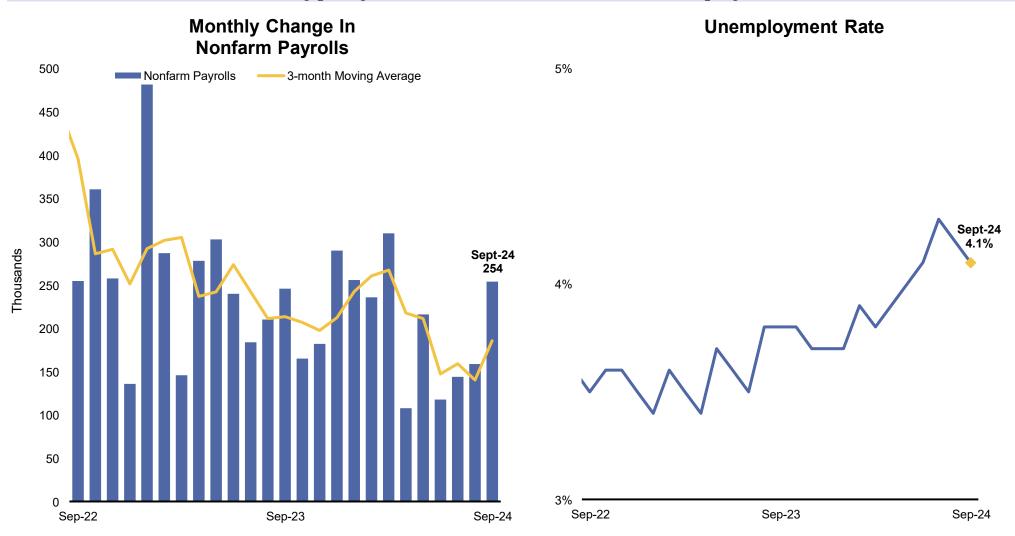
Federal Funds Rate



Source: Federal Reserve Chair Jerome Powell Press Conference as of September 18, 2024; Average Cutting Cycle represents the average change in the Fed Funds Rate for the first 10 months of a cutting cycle back to 1988. Market Implied Fed Funds as of September 30, 2024. Bloomberg Finance L.P. CPI inflation and Nonfarm payrolls from Bureau of Labor Statistics and Bloomberg Finance L.P.

Labor Market Moves Into Better Balance

Fed Chair Powell: "...labor market conditions have cooled off by any measure ... [but] the level of those conditions is actually pretty close to what I would call maximum employment"



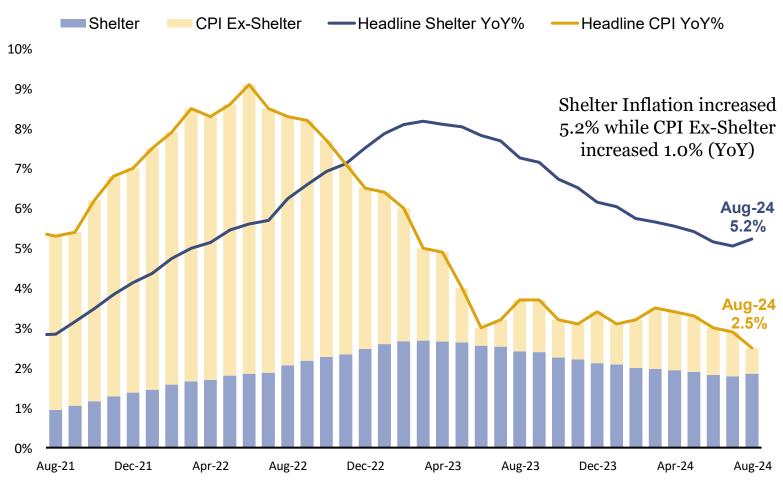
Source: Federal Reserve Chair Jerome Powell Press Conference as of September 18, 2024; Bureau of Labor Statistics and Bloomberg Finance L.P., as of September 2024. Data is seasonally adjusted.

Inflation Trends Lower

Fed Chair Powell: "[H]ousing inflation is the ... one piece that is kind of dragging a bit ... it's been slower than we expected"

Consumer Price Index (CPI)

Top-Line Contributions, Year-over-Year Changes



The shelter component of CPI continues to remain outsized accounting for 74% of the increase in the headline figure

Source: Federal Reserve Chair Jerome Powell Press Conference as of September 18, 2024; Bureau of Labor Statistics and Bloomberg Finance L.P., as of August 2024.

Consumer Activity Remains Solid

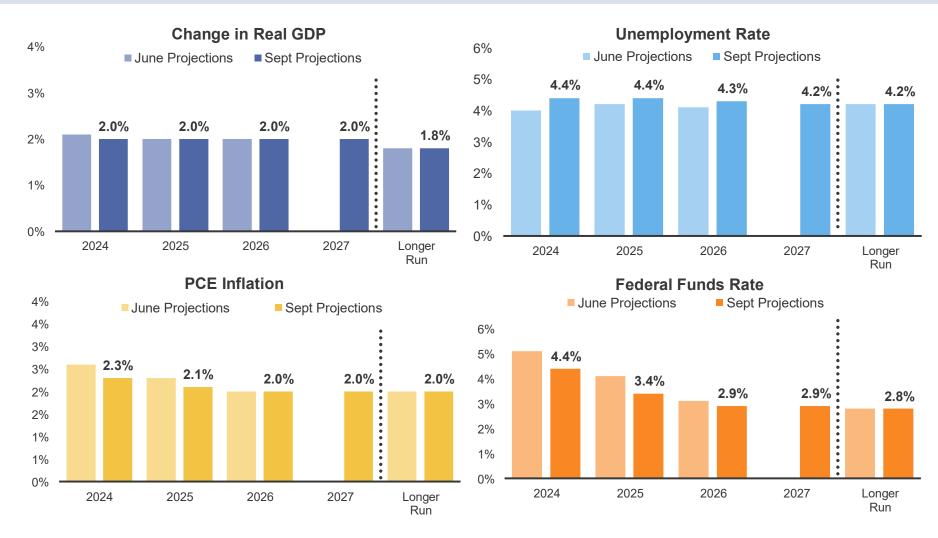
Fed Chair Powell: "...if you look at the growth in economic activity data—the [September] retail sales data [and] second quarter GDP—all of this indicates an economy that is still growing at a solid pace."

U.S. GDP Forecasts U.S. Real Personal Consumption Expenditure Annualized Rate Actual Range Median of Forecasts \$17,000 5.0% **Personal Consumption** is the main driver of 4.5% \$16,000 GDP and accounts for 4.4% 69% of overall GDP 4.0% 3.5% \$15,000 3.2% Billions Pre-pandemic 3.0% 3.0% trend \$14,000 2.5% 2.0% 2.0% 1.8% \$13,000 1.4% 1.5% 1.6% 1.0% \$12,000 0.5% \$11,000 0.0% Q3 '23 Q4 '23 Q1 '24 Q2 '24 Q3 '24 Q4 '24 2025 2008 2010 2012 2014 2016 2018 2020 2022 2024

Source: Federal Reserve Chair Jerome Powell Press Conference as of September 18, 2024; (Left) Bureau of Economic Analysis and Bloomberg Finance L.P. as of September 2024. (Right) U.S. Census Bureau and Bloomberg Finance L.P., as of August 2024.

Fed's Updated Summary of Economic Projections

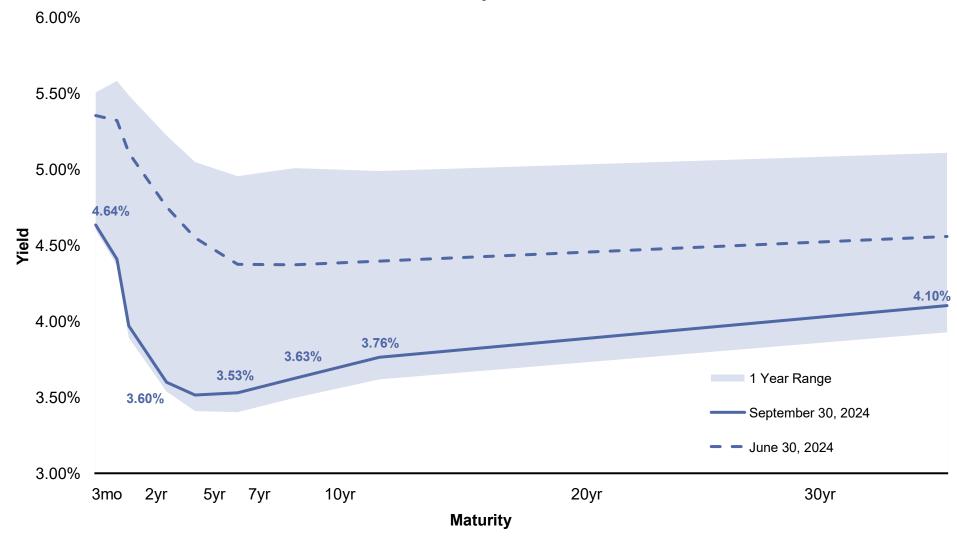
Fed Chair Powell: "These median projections are lower than in June, consistent with projections for lower inflation and higher unemployment, as well as the change to balance of risks."



Source: Federal Reserve Chair Jerome Powell Press Conference; Federal Reserve. As of September 2024.

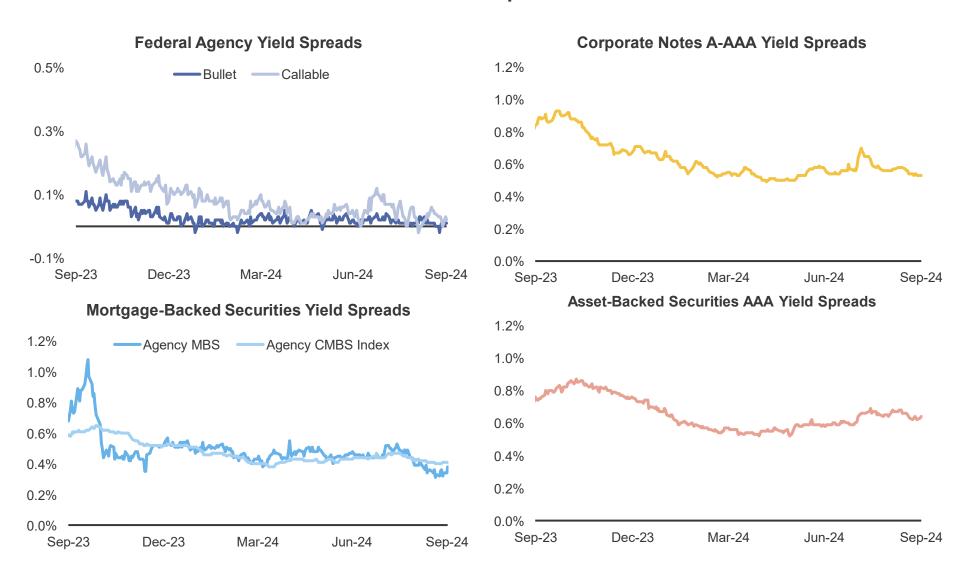
U.S. Treasury Yields Fall as the Yield Curve Begins to Disinvert





Source: Bloomberg Finance L.P., as of September 30, 2024

Sector Yield Spreads

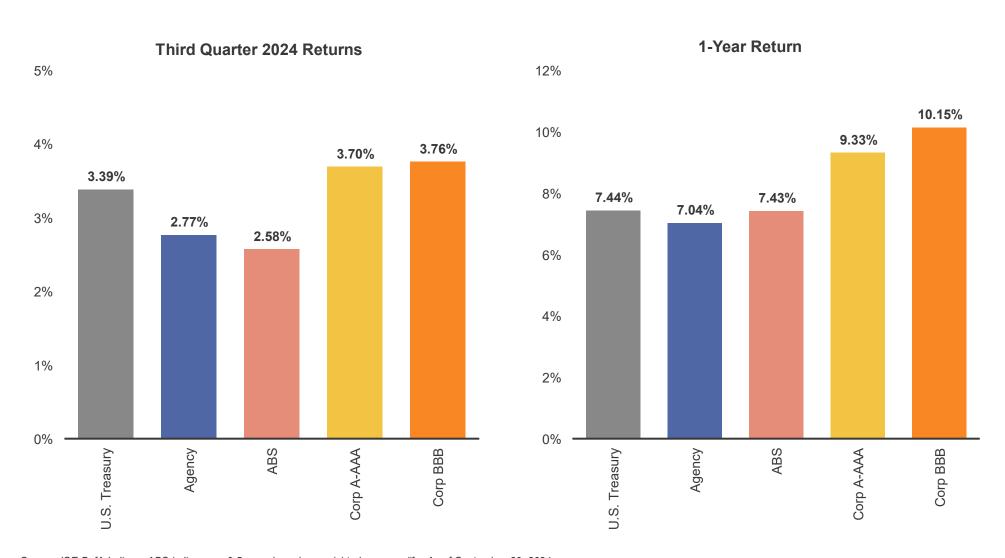


Source: ICE BofA 1-5 year Indices via Bloomberg, MarketAxess and PFMAM as of September 30, 2024. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable maturity Treasuries.

CMBS is Commercial Mortgage-Backed Securities and represented by the ICE BofA Agency CMBS Index.

Fixed-Income Index Total Returns in 3Q 2024

1-5 Year Indices

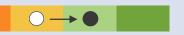


Source: ICE BofA Indices. ABS indices are 0-5 year, based on weighted average life. As of September 30, 2024.

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Factors to Consider for 6-12 Months

Monetary Policy (Global):



- The Fed has begun its easing cycle with a 50 basis point (bp) cut. The FOMC's September median "dot plot" projection suggests an additional 50 bps in rate cuts by the end of the year "if the economy performs as expected". The projections also calls for an additional full percentage point of cuts in 2025.
- The global easing cycle is underway with nearly all major central banks (excluding the Bank of Japan) completing multiple rate cuts.

Economic Growth (Global):



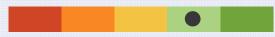
- U.S. economic growth remains strong reflecting a consumer who continues to spend at elevated levels.
- · Economic growth outside the U.S. remains mixed.
- China has moved forward with a package of stimulus measures aimed to boost growth. The country remains poised to take additional swift action should it be deemed necessary.

Inflation (U.S.):



- Inflation continues its trend lower but has been buoyed by stubborn housing costs.
- The broad-based inflation cooling helped fuel the Fed's decision to cut by 50 bps but policy makers note they are not declaring victory on price stability.

Financial Conditions (U.S.):



- The continuation of stable market measures, such as narrow corporate yield spreads, record equity index levels and low volatility, reflect economic confidence.
- We remain focused on the cooling labor market and effects this might have on the consumer as potential catalysts for a broader slow down, but that is not our base case expectation.

Consumer Spending (U.S.):



- The consumer continues to spend and support economic strength. Upward revisions to the personal savings rate paint the consumer in better light than previously thought but the trend of consumers dipping into savings continues.
- Moderation in the pace of overall spending is expected given slowing wage growth and cooling labor market conditions.

Labor Markets:



- The labor market continues to moderate from extremely strong levels seen in prior quarters. The recent downward revisions to nonfarm payrolls through March 2024 further emphasized the cooling.
- Other labor metrics remain well positioned such as the layoffs and discharge rate pointing towards moderation rather than deterioration.

Current outlook

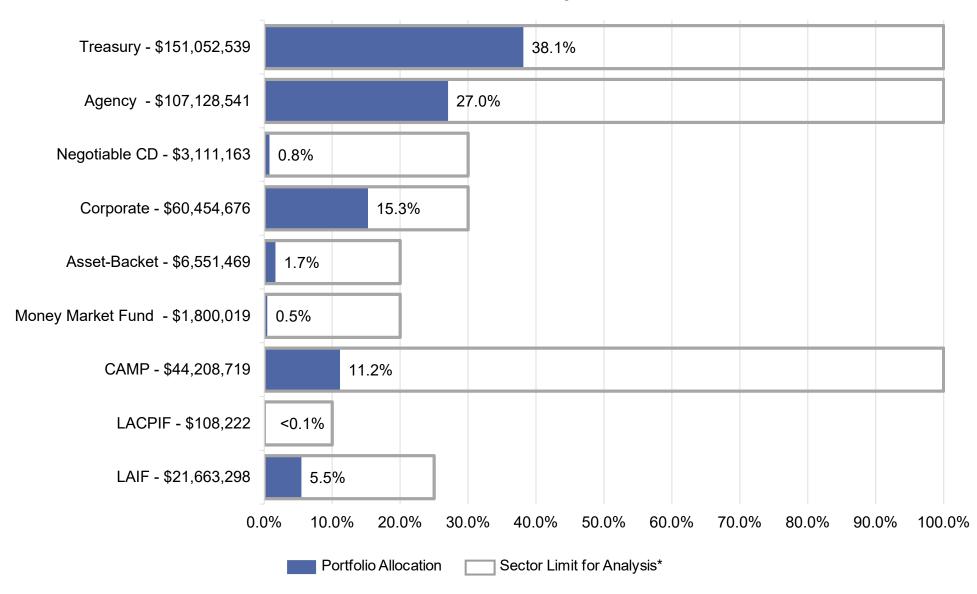
Outlook one quarter ago

Negative Slightly Neutral Slightly Positive Positive

Statements and opinions expressed about the next 6-12 months were developed based on our independent research with information obtained from Bloomberg and FactSet. The views expressed within this material constitute the perspective and judgment of PFM Asset Management LLC at the time of distribution (9/30/2024) and are subject to change. Information is obtained from sources generally believed to be reliable and available to the public; however, PFM Asset Management LLC cannot guarantee its accuracy, completeness, or suitability.

Portfolio Review

Sector Allocation Analytics



For informational/analytical purposes only and is not provided for compliance assurance. Includes accrued interest.

^{*}Sector Limit for Analysis is as derived from our interpretation of your most recent Investment Policy as provided.

Certificate of Compliance

During the reporting period for the quarter ended September 30, 2024, the account(s) managed by PFM Asset Management ("PFMAM") were in compliance with the applicable investment policy and guidelines as furnished to PFMAM.

Acknowledged: PFM Asset Management LLC

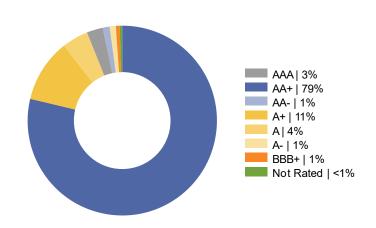
Note: Pre- and post-trade compliance for the account(s) managed by PFM Asset Management is provided via Bloomberg Asset and Investment Management ("AIM").

Portfolio Snapshot¹

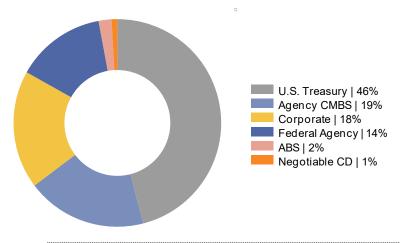
Portfolio Statistics

Total Market Value	\$330,098,387.13
Securities Sub-Total	\$326,725,788.06
Accrued Interest	\$1,572,579.97
Cash	\$1,800,019.10
Portfolio Effective Duration	2.86 years
Benchmark Effective Duration	2.90 years
Yield At Cost	2.95%
Yield At Market	3.88%
Portfolio Credit Quality	AA

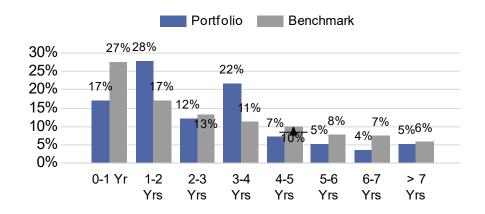
Credit Quality - S&P



Sector Allocation



Duration Distribution



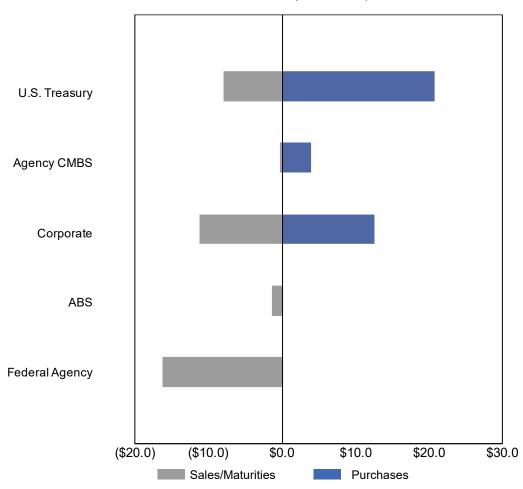
^{1.} Yield and duration calculations exclude cash and cash equivalents. Sector allocation includes market values and accrued interest. The portfolio's benchmark is currently the 25% ICE BofA 0-1 Year U.S Treasury Index, 50% ICE BofA 1-5 Year Government Index, 25% ICE BofA 5-10 Year Government Index. Source: Bloomberg Financial LP.

An average of each security's credit rating was assigned a numeric value and adjusted for its relative weighting in the portfolio.

Portfolio Activity

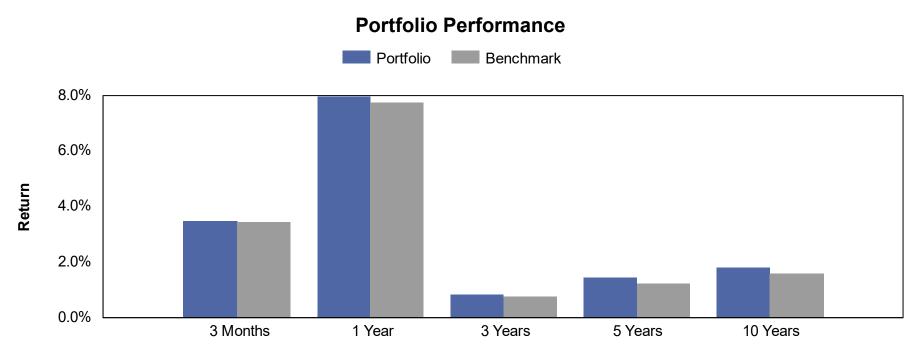
Net Activity by Sector

(\$ millions)



Sector	Net Activity
U.S. Treasury	\$12,930,745
Agency CMBS	\$3,634,037
Corporate	\$1,298,400
ABS	(\$1,366,409)
Federal Agency	(\$16,247,781)
Total Net Activity	\$248,993

Based on total proceeds (principal and accrued interest) of buys, sells, maturities, and principal paydowns. Detail may not add to total due to rounding.



Market Value Basis Earnings	3 Months	1 Year	3 Years	5 Years	10 Years ¹
Interest Earned ²	\$2,112,966	\$7,384,248	\$15,668,893	\$25,943,985	\$50,674,946
Change in Market Value	\$8,947,397	\$16,956,149	(\$8,434,575)	(\$6,453,629)	(\$1,940,984)
Total Dollar Return	\$11,060,363	\$24,340,397	\$7,234,318	\$19,490,356	\$48,733,962
Total Return ³					
Portfolio	3.47%	7.96%	0.83%	1.44%	1.82%
Benchmark⁴	3.42%	7.75%	0.77%	1.23%	1.60%
Difference	0.05%	0.21%	0.06%	0.22%	0.22%

^{1.} The lesser of 10 years or since inception is shown. Since inception returns for periods one year or less are not shown. Performance inception date

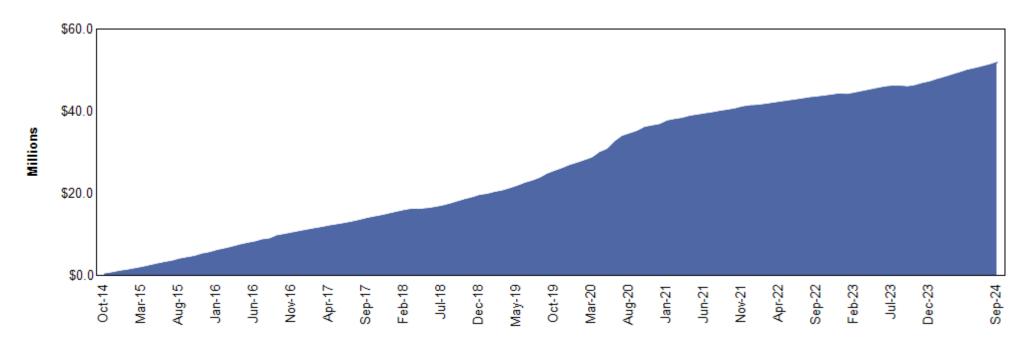
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^{2.} Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

^{3.} Returns for periods one year or less are presented on a periodic basis. Returns for periods greater than one year are presented on an annualized basis.

^{4.} The portfolio's benchmark is currently the 25% ICE BofA 0-1 Year U.S Treasury Index, 50% ICE BofA 1-5 Year Government Index, 25% ICE BofA 5-10 Year Government Index. Source: Bloomberg Financial LP.

Accrual Basis Earnings



Accrual Basis Earnings	3 Months	1 Year	3 Years	5 Year	10 Year¹
Interest Earned²	\$2,112,966	\$7,384,248	\$15,668,893	\$25,943,985	\$50,674,946
Realized Gains / (Losses) ³	(\$759,334)	(\$1,965,463)	(\$4,093,010)	\$2,337,869	\$3,152,658
Change in Amortized Cost	\$182,194	\$564,349	\$77,961	(\$1,079,723)	(\$1,908,185)
Total Earnings	\$1,535,825	\$5,983,134	\$11,653,845	\$27,202,130	\$51,919,419

^{1.} The lesser of 10 years or since inception is shown. Performance inception date is March 31, 2006.

^{2.} Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

^{3.} Realized gains / (losses) are shown on an amortized cost basis.



Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
BUY									
7/1/2024	7/2/2024	1,865,000.00	91282CKW0	US TREASURY N/B	4.25%	6/30/2031	1,843,065.34	4.45%	
7/1/2024	7/2/2024	2,000,000.00	91282CHC8	US TREASURY N/B	3.37%	5/15/2033	1,847,163.73	4.49%	
7/1/2024	7/2/2024	1,845,000.00	91282CKQ3	US TREASURY N/B	4.37%	5/15/2034	1,839,889.27	4.48%	
7/1/2024	7/2/2024	2,050,000.00	91282CEP2	US TREASURY N/B	2.87%	5/15/2032	1,841,316.41	4.48%	
7/15/2024	7/17/2024	1,535,000.00	713448FX1	PEPSICO INC (CALLABLE)	4.50%	7/17/2029	1,532,620.75	4.53%	
7/16/2024	7/25/2024	2,645,000.00	3137HDV56	FHMS K524 A2	4.72%	5/1/2029	2,669,565.88	4.58%	
7/17/2024	7/17/2024	2,635,000.00	912797JT5	WI TREASURY SEC. BILLS	0.00%	7/25/2024	2,631,955.11	5.21%	
8/1/2024	8/2/2024	3,525,000.00	91282CLD1	US TREASURY N/B	4.12%	7/31/2031	3,578,389.86	3.88%	
8/5/2024	8/6/2024	2,750,000.00	79466LAH7	SALESFORCE INC (CALLABLE)	1.50%	7/15/2028	2,477,791.25	4.28%	
8/6/2024	8/7/2024	1,560,000.00	06406RAB3	BANK OF NY MELLON CORP (CALLABLE)	3.44%	2/7/2028	1,515,602.40	4.33%	
8/6/2024	8/9/2024	440,000.00	89236TMK8	TOYOTA MOTOR CREDIT CORP	4.55%	8/9/2029	439,106.80	4.59%	
8/7/2024	8/9/2024	960,000.00	89236TMK8	TOYOTA MOTOR CREDIT CORP	4.55%	8/9/2029	958,896.00	4.57%	
8/8/2024	8/9/2024	735,000.00	48125LRU8	JP MORGAN CHASE BANK NA (CALLABLE)	5.11%	12/8/2026	751,183.68	4.50%	
8/8/2024	8/9/2024	1,100,000.00	89236TMK8	TOYOTA MOTOR CREDIT CORP	4.55%	8/9/2029	1,095,479.00	4.64%	
8/12/2024	8/14/2024	535,000.00	532457CQ9	ELI LILLY & CO (CALLABLE)	4.20%	8/14/2029	533,828.35	4.25%	
8/13/2024	8/14/2024	1,865,000.00	532457CQ9	ELI LILLY & CO (CALLABLE)	4.20%	8/14/2029	1,867,722.90	4.17%	
8/14/2024	8/15/2024	1,295,000.00	912797KY2	TREASURY BILL BILLS	0.00%	8/20/2024	1,294,057.53	5.24%	

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
BUY									
8/14/2024	8/20/2024	1,295,000.00	857477CN1	STATE STREET CORP (CALLABLE)	4.53%	2/20/2029	1,295,000.00	4.53%	
9/4/2024	9/5/2024	2,890,000.00	91282CHT1	US TREASURY N/B	3.87%	8/15/2033	2,921,113.64	3.76%	
9/4/2024	9/5/2024	2,900,000.00	91282CLF6	US TREASURY N/B	3.87%	8/15/2034	2,928,502.54	3.78%	
9/4/2024	9/12/2024	1,125,000.00	3137HFNZ4	FHMS K528 A2	4.50%	7/1/2029	1,149,027.13	4.06%	
Total BUY		37,550,000.00					37,011,277.57		0.00
INTEREST									
7/1/2024	7/1/2024		MONEY0002	MONEY MARKET FUND	0.00%		1,733.86		
7/1/2024	7/25/2024	2,170,000.00	3137HC2L5	FHMS K518 A2	5.40%	1/1/2029	9,765.00		
7/1/2024	7/25/2024	1,745,000.00	3137HB3G7	FHMS K511 A2	4.86%	10/1/2028	7,067.25		
7/1/2024	7/25/2024	1,760,000.00	3137F1G44	FHMS K065 A2	3.24%	4/1/2027	4,756.40		
7/1/2024	7/25/2024	2,900,000.00	3136BQDE6	FNA 2023-M6 A2	4.18%	7/1/2028	10,125.83		
7/1/2024	7/25/2024	1,488,880.53	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	5,769.41		
7/1/2024	7/25/2024	2,121,688.50	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	5,917.74		
7/1/2024	7/25/2024	1,790,000.00	3137HBFY5	FHMS K513 A2	4.72%	12/1/2028	7,046.63		
7/1/2024	7/25/2024	2,837,575.92	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	11,350.30		
7/1/2024	7/25/2024	1,700,000.00	3137HCKV3	FHMS K520 A2	5.18%	3/1/2029	7,338.33		
7/1/2024	7/25/2024	3,100,000.00	3137BXQY1	FHMS K064 A2	3.22%	3/1/2027	8,328.67		

Portfolio Activity

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
7/1/2024	7/25/2024	2,365,000.00	3137HAST4	FHMS K509 A2	4.85%	9/1/2028	9,558.54		
7/1/2024	7/25/2024	1,680,253.58	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	7,381.91		
7/1/2024	7/25/2024	1,800,000.00	3137HBLV4	FHMS K514 A2	4.57%	12/1/2028	6,858.00		
7/1/2024	7/25/2024	3,200,000.00	3137HDJJ0	FHMS K522 A2	4.80%	5/1/2029	12,808.00		
7/1/2024	7/25/2024	3,000,000.00	3137HAMS2	FHMS K507 A2	4.80%	9/1/2028	12,000.00		
7/1/2024	7/25/2024	2,315,652.52	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	9,218.23		
7/1/2024	7/25/2024	3,000,000.00	3137HAMH6	FHMS K506 A2	4.65%	8/1/2028	11,625.00		
7/1/2024	7/25/2024	1,580,000.00	3137HBCF9	FHMS K512 A2	5.00%	11/1/2028	6,583.33		
7/1/2024	7/25/2024	2,685,000.00	3137HC2C5	FHMS K517 A2	5.35%	1/1/2029	11,981.81		
7/1/2024	7/25/2024	3,150,000.00	3137HAQ74	FHMS K508 A2	4.74%	8/1/2028	12,442.50		
7/1/2024	7/25/2024	3,050,000.00	3137HBPD0	FHMS K515 A2	5.40%	1/1/2029	13,725.00		
7/1/2024	7/25/2024	3,000,000.00	3137HACX2	FHMS K505 A2	4.81%	6/1/2028	12,047.50		
7/1/2024	7/25/2024	2,735,000.00	3137F2LJ3	FHMS K066 A2	3.11%	6/1/2027	7,104.16		
7/1/2024	7/25/2024	1,200,000.00	3137HB3D4	FHMS K510 A2	5.06%	10/1/2028	5,069.00		
7/14/2024	7/14/2024	2,215,000.00	24422EXB0	JOHN DEERE CAPITAL CORP	4.95%	7/14/2028	54,821.25		
7/15/2024	7/15/2024	445,000.00	87612EBM7	TARGET CORP (CALLABLE)	1.95%	1/15/2027	4,338.75		
7/15/2024	7/15/2024	2,000,000.00	91324PCP5	UNITEDHEALTH GROUP INC	3.75%	7/15/2025	37,500.00		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
7/15/2024	7/15/2024	221,136.03	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	136.37		
7/15/2024	7/15/2024	376,318.42	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	134.85		
7/15/2024	7/15/2024	450,000.00	89239FAD4	TAOT 2023-D A3	5.54%	8/15/2028	2,077.50		
7/15/2024	7/15/2024	38,565.91	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	10.93		
7/15/2024	7/15/2024	1,105,000.00	05522RDH8	BACCT 2023-A2 A2	4.98%	11/15/2028	4,585.75		
7/15/2024	7/15/2024	970,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	468.83		
7/15/2024	7/15/2024	665,000.00	44918CAD4	HART 2023-C A3	5.54%	10/16/2028	3,070.08		
7/15/2024	7/15/2024	20,589.93	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	6.52		
7/15/2024	7/15/2024	163,154.84	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	70.70		
7/15/2024	7/15/2024	2,825,000.00	161571HV9	CHAIT 2024-A1 A	4.60%	1/16/2029	10,829.17		
7/16/2024	7/16/2024	295,000.00	36268GAD7	GMCAR 2024-1 A3	4.85%	12/18/2028	1,192.29		
7/17/2024	7/17/2024	3,000,000.00	21684LGS5	COOPERAT RABOBANK UA/NY	5.08%	7/17/2026	76,200.00		
7/21/2024	7/21/2024	2,420,000.00	3137EAEU9	FREDDIE MAC	0.37%	7/21/2025	4,537.50		
7/26/2024	7/26/2024	3,360,000.00	06406RBA4	BANK OF NY MELLON CORP (CALLABLE)	2.05%	1/26/2027	34,440.00		
7/31/2024	7/31/2024	3,375,000.00	9128286A3	US TREASURY N/B	2.62%	1/31/2026	44,296.88		
7/31/2024	7/31/2024	13,550,000.00	91282CBH3	US TREASURY N/B	0.37%	1/31/2026	25,406.25		
7/31/2024	7/31/2024	1,185,000.00	912828Y79	US TREASURY N/B	2.87%	7/31/2025	17,034.38		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
7/31/2024	7/31/2024	1,665,000.00	91282CCP4	US TREASURY N/B	0.62%	7/31/2026	5,203.13		
8/1/2024	8/1/2024		MONEY0002	MONEY MARKET FUND	0.00%		1,074.60		
8/1/2024	8/25/2024	1,200,000.00	3137HB3D4	FHMS K510 A2	5.06%	10/1/2028	5,069.00		
8/1/2024	8/25/2024	2,735,000.00	3137F2LJ3	FHMS K066 A2	3.11%	6/1/2027	7,104.16		
8/1/2024	8/25/2024	2,685,000.00	3137HC2C5	FHMS K517 A2	5.35%	1/1/2029	11,981.81		
8/1/2024	8/25/2024	2,117,366.74	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	5,905.69		
8/1/2024	8/25/2024	1,760,000.00	3137F1G44	FHMS K065 A2	3.24%	4/1/2027	4,756.40		
8/1/2024	8/25/2024	1,790,000.00	3137HBFY5	FHMS K513 A2	4.72%	12/1/2028	7,046.63		
8/1/2024	8/25/2024	3,100,000.00	3137BXQY1	FHMS K064 A2	3.22%	3/1/2027	8,328.67		
8/1/2024	8/25/2024	3,000,000.00	3137HACX2	FHMS K505 A2	4.81%	6/1/2028	12,047.50		
8/1/2024	8/25/2024	3,150,000.00	3137HAQ74	FHMS K508 A2	4.74%	8/1/2028	12,442.50		
8/1/2024	8/25/2024	1,745,000.00	3137HB3G7	FHMS K511 A2	4.86%	10/1/2028	7,067.25		
8/1/2024	8/25/2024	1,580,000.00	3137HBCF9	FHMS K512 A2	5.00%	11/1/2028	6,583.33		
8/1/2024	8/25/2024	2,170,000.00	3137HC2L5	FHMS K518 A2	5.40%	1/1/2029	9,765.00		
8/1/2024	8/25/2024	1,677,715.74	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	7,370.76		
8/1/2024	8/25/2024	2,365,000.00	3137HAST4	FHMS K509 A2	4.85%	9/1/2028	9,558.54		
8/1/2024	8/25/2024	3,000,000.00	3137HAMH6	FHMS K506 A2	4.65%	8/1/2028	11,625.00		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
8/1/2024	8/25/2024	3,000,000.00	3137HAMS2	FHMS K507 A2	4.80%	9/1/2028	12,000.00		
8/1/2024	8/25/2024	2,900,000.00	3136BQDE6	FNA 2023-M6 A2	4.18%	7/1/2028	10,125.83		
8/1/2024	8/25/2024	3,050,000.00	3137HBPD0	FHMS K515 A2	5.40%	1/1/2029	13,725.00		
8/1/2024	8/25/2024	1,700,000.00	3137HCKV3	FHMS K520 A2	5.18%	3/1/2029	7,338.33		
8/1/2024	8/25/2024	2,314,151.20	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	9,212.25		
8/1/2024	8/25/2024	1,487,539.08	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	5,764.21		
8/1/2024	8/25/2024	3,200,000.00	3137HDJJ0	FHMS K522 A2	4.80%	5/1/2029	12,808.00		
8/1/2024	8/25/2024	1,800,000.00	3137HBLV4	FHMS K514 A2	4.57%	12/1/2028	6,858.00		
8/1/2024	8/25/2024		3137HDV56	FHMS K524 A2	4.72%	5/1/2029	10,403.67		
8/1/2024	8/25/2024	2,828,815.04	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	11,315.26		
8/5/2024	8/5/2024	5,310,000.00	3135G05Q2	FANNIE MAE	0.87%	8/5/2030	23,231.25		
8/6/2024	8/6/2024	500,000.00	857477BR3	STATE STREET CORP (CALLABLE)	1.74%	2/6/2026	4,365.00		
8/10/2024	8/10/2024	2,290,000.00	69371RS64	PACCAR FINANCIAL CORP	4.95%	8/10/2028	56,677.50		
8/15/2024	8/15/2024	1,105,000.00	05522RDH8	BACCT 2023-A2 A2	4.98%	11/15/2028	4,585.75		
8/15/2024	8/15/2024	128,788.29	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	55.81		
8/15/2024	8/15/2024	1,000,000.00	912828P46	US TREASURY N/B	1.62%	2/15/2026	8,125.00		
8/15/2024	8/15/2024	1,000,000.00	9128284V9	US TREASURY N/B	2.87%	8/15/2028	14,375.00		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
8/15/2024	8/15/2024	3,325,000.00	912810FP8	US TREASURY N/B	5.37%	2/15/2031	89,359.38		
8/15/2024	8/15/2024	1,000,000.00	9128286B1	US TREASURY N/B	2.62%	2/15/2029	13,125.00		
8/15/2024	8/15/2024	6,025,000.00	9128282R0	US TREASURY N/B	2.25%	8/15/2027	67,781.25		
8/15/2024	8/15/2024	450,000.00	89239FAD4	TAOT 2023-D A3	5.54%	8/15/2028	2,077.50		
8/15/2024	8/15/2024	665,000.00	44918CAD4	HART 2023-C A3	5.54%	10/16/2028	3,070.08		
8/15/2024	8/15/2024	2,825,000.00	161571HV9	CHAIT 2024-A1 A	4.60%	1/16/2029	10,829.17		
8/15/2024	8/15/2024	326,700.96	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	117.07		
8/15/2024	8/15/2024	970,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	468.83		
8/15/2024	8/15/2024	1,835,000.00	91282CGM7	US TREASURY N/B	3.50%	2/15/2033	32,112.50		
8/15/2024	8/15/2024	1,365,000.00	91282CJZ5	US TREASURY N/B	4.00%	2/15/2034	27,300.00		
8/15/2024	8/15/2024	735,000.00	91282CHT1	US TREASURY N/B	3.87%	8/15/2033	14,240.63		
8/15/2024	8/15/2024	23,512.58	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	6.66		
8/15/2024	8/15/2024	3,065,000.00	91282CFF3	US TREASURY N/B	2.75%	8/15/2032	42,143.75		
8/15/2024	8/15/2024	193,291.29	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	119.20		
8/16/2024	8/16/2024	295,000.00	36268GAD7	GMCAR 2024-1 A3	4.85%	12/18/2028	1,192.29		
8/18/2024	8/18/2024	2,105,000.00	06428CAA2	BANK OF AMERICA NA (CALLABLE)	5.52%	8/18/2026	58,161.15		
8/25/2024	8/25/2024	9,115,000.00	3135G05X7	FANNIE MAE	0.37%	8/25/2025	17,090.63		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
8/26/2024	8/26/2024	5,000,000.00	3136G4U92	FANNIE MAE (CALLABLE)	0.60%	8/26/2025	15,000.00		
8/31/2024	8/31/2024		91282CAJ0	US TREASURY N/B	0.25%	8/31/2025	5,468.75		
8/31/2024	8/31/2024		91282CBQ3	US TREASURY N/B	0.50%	2/28/2026	16,662.50		
8/31/2024	8/31/2024		91282CGQ8	US TREASURY N/B	4.00%	2/28/2030	50,200.00		
9/1/2024	9/1/2024		478160CN2	JOHNSON & JOHNSON (CALLABLE)	0.55%	9/1/2025	11,000.00		
9/1/2024	9/25/2024		3137HBFY5	FHMS K513 A2	4.72%	12/1/2028	7,046.63		
9/1/2024	9/25/2024		3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	11,284.78		
9/1/2024	9/25/2024		3137F2LJ3	FHMS K066 A2	3.11%	6/1/2027	7,104.16		
9/1/2024	9/25/2024		3137HB3D4	FHMS K510 A2	5.06%	10/1/2028	5,069.00		
9/1/2024	9/25/2024		3137HDJJ0	FHMS K522 A2	4.80%	5/1/2029	12,808.00		
9/1/2024	9/25/2024		3137HBCF9	FHMS K512 A2	5.00%	11/1/2028	6,583.33		
9/1/2024	9/25/2024		3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	5,894.30		
9/1/2024	9/25/2024		3137HB3G7	FHMS K511 A2	4.86%	10/1/2028	7,067.25		
9/1/2024	9/25/2024		3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	5,759.67		
9/1/2024	9/25/2024		3137HAST4	FHMS K509 A2	4.85%	9/1/2028	9,558.54		
9/1/2024	9/25/2024		3136BQDE6	FNA 2023-M6 A2	4.18%	7/1/2028	10,125.83		
9/1/2024	9/25/2024		3137HC2L5	FHMS K518 A2	5.40%	1/1/2029	9,765.00		

Portfolio Activity

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
9/1/2024	9/25/2024		3137HBPD0	FHMS K515 A2	5.40%	1/1/2029	13,725.00		
9/1/2024	9/25/2024		3137HDV56	FHMS K524 A2	4.72%	5/1/2029	10,403.67		
9/1/2024	9/25/2024		3137HAMS2	FHMS K507 A2	4.80%	9/1/2028	12,000.00		
9/1/2024	9/25/2024		3137HAMH6	FHMS K506 A2	4.65%	8/1/2028	11,625.00		
9/1/2024	9/25/2024		3137HC2C5	FHMS K517 A2	5.35%	1/1/2029	11,981.81		
9/1/2024	9/25/2024		3137BXQY1	FHMS K064 A2	3.22%	3/1/2027	8,328.67		
9/1/2024	9/25/2024		3137HAQ74	FHMS K508 A2	4.74%	8/1/2028	12,442.50		
9/1/2024	9/25/2024		3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	7,356.90		
9/1/2024	9/25/2024		3137HBLV4	FHMS K514 A2	4.57%	12/1/2028	6,858.00		
9/1/2024	9/25/2024		3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	9,206.38		
9/1/2024	9/25/2024		3137F1G44	FHMS K065 A2	3.24%	4/1/2027	4,756.40		
9/1/2024	9/25/2024		3137HCKV3	FHMS K520 A2	5.18%	3/1/2029	7,338.33		
9/1/2024	9/25/2024		3137HACX2	FHMS K505 A2	4.81%	6/1/2028	12,047.50		
9/3/2024	9/3/2024		MONEY0002	MONEY MARKET FUND	0.00%		2,127.26		
9/10/2024	9/10/2024		3130AT4C8	FEDERAL HOME LOAN BANK	3.37%	9/10/2032	18,815.63		
9/13/2024	9/13/2024		46647PBH8	JPMORGAN CHASE & CO (CALLABLE)	2.00%	3/13/2026	10,877.13		
9/14/2024	9/14/2024		09290DAA9	BLACKROCK FUNDING INC (CALLABLE)	4.70%	3/14/2029	6,815.00		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
9/14/2024	9/14/2024		437076BT8	HOME DEPOT INC (CALLABLE)	2.80%	9/14/2027	44,170.00		
9/15/2024	9/15/2024		14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	2.45		
9/15/2024	9/15/2024		89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	98.39		
9/15/2024	9/15/2024		254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	468.83		
9/15/2024	9/15/2024		89239FAD4	TAOT 2023-D A3	5.54%	8/15/2028	2,077.50		
9/15/2024	9/15/2024		161571HV9	CHAIT 2024-A1 A	4.60%	1/16/2029	10,829.17		
9/15/2024	9/15/2024		05522RDH8	BACCT 2023-A2 A2	4.98%	11/15/2028	4,585.75		
9/15/2024	9/15/2024		44935FAD6	HART 2021-C A3	0.74%	5/15/2026	102.14		
9/15/2024	9/15/2024		14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	41.24		
9/15/2024	9/15/2024		44918CAD4	HART 2023-C A3	5.54%	10/16/2028	3,070.08		
9/16/2024	9/16/2024		36268GAD7	GMCAR 2024-1 A3	4.85%	12/18/2028	1,192.29		
9/23/2024	9/23/2024		3137EAEX3	FREDDIE MAC	0.37%	9/23/2025	8,221.88		
9/29/2024	9/29/2024		17325FBB3	CITIBANK NA (CALLABLE)	5.80%	9/29/2028	129,987.20		
9/29/2024	9/29/2024		3133EMBH4	FEDERAL FARM CREDIT BANK (CALLABLE)	0.53%	9/29/2025	5,035.00		
9/30/2024	9/30/2024		912828YG9	US TREASURY N/B	1.62%	9/30/2026	24,659.38		
9/30/2024	9/30/2024		91282CAM3	US TREASURY N/B	0.25%	9/30/2025	10,968.75		
9/30/2024	9/30/2024		912828ZE3	US TREASURY N/B	0.62%	3/31/2027	2,703.13		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
9/30/2024	9/30/2024		91282CCZ2	US TREASURY N/B	0.87%	9/30/2026	20,387.50		
9/30/2024	9/30/2024		9128286L9	US TREASURY N/B	2.25%	3/31/2026	6,131.25		
Total INTER	REST	203,726,697.10					1,899,686.17		0.00
MATURITY									
7/25/2024	7/25/2024	2,635,000.00	912797JT5	WI TREASURY SEC. BILLS	0.00%	7/25/2024	2,635,000.00		
8/9/2024	8/9/2024	755,000.00	46647PCM6	JPMORGAN CHASE & CO CORP NOTES (CALLED,	0.76%	8/9/2024	757,899.20		
8/20/2024	8/20/2024	1,295,000.00	912797KY2	TREASURY BILL BILLS	0.00%	8/20/2024	1,295,000.00		
Total MATU	JRITY	4,685,000.00					4,687,899.20		0.00
PAYDOWNS	s								
7/1/2024	7/25/2024	1,501.32	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	1,501.32		
7/1/2024	7/25/2024	8,760.88	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	8,760.88		
7/1/2024	7/25/2024	4,321.76	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	4,321.76		
7/1/2024	7/25/2024	1,341.45	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	1,341.45		
7/1/2024	7/25/2024	2,537.84	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	2,537.84		
7/15/2024	7/15/2024	20,589.93	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	20,589.93		
7/15/2024	7/15/2024	34,366.55	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	34,366.55		
7/15/2024	7/15/2024	27,844.74	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	27,844.74		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
PAYDOWNS	3								
7/15/2024	7/15/2024	49,617.46	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	49,617.46		
7/15/2024	7/15/2024	15,053.33	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	15,053.33		
8/1/2024	8/25/2024	1,474.80	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	1,474.80		0.03
8/1/2024	8/25/2024	3,155.07	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	3,155.07		0.01
8/1/2024	8/25/2024	4,082.45	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	4,082.45		
8/1/2024	8/25/2024	1,173.64	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	1,173.64		
8/1/2024	8/25/2024	7,619.96	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	7,619.96		
8/15/2024	8/15/2024	33,622.65	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	33,622.65		
8/15/2024	8/15/2024	27,663.36	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	27,663.36		
8/15/2024	8/15/2024	52,119.59	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	52,119.59		
8/15/2024	8/15/2024	14,852.02	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	14,852.02		
9/1/2024	9/25/2024	4,096.15	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	4,096.15		80.39
9/1/2024	9/25/2024	1,482.70	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	1,482.70		0.03
9/1/2024	9/25/2024	9,771.52	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	9,771.52		127.35
9/1/2024	9/25/2024	1,179.16	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	1,179.16		14.36
9/1/2024	9/25/2024	128,883.33	3136BQDE6	FNA 2023-M6 A2	4.18%	7/1/2028	128,883.33		1,709.98
9/1/2024	9/25/2024	3,173.79	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	3,173.79		0.01

Trade Date	Settle Date	Par (\$)	CUSIP	P Security Description		Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
PAYDOWN	s								
9/15/2024	9/15/2024	33,671.86	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	33,671.86		2.14
9/15/2024	9/15/2024	28,056.25	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	28,056.25		2.32
9/15/2024	9/15/2024	50,290.65	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	50,290.65		1.24
9/15/2024	9/15/2024	8,660.55	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	8,660.55		0.44
9/15/2024	9/15/2024	970,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	970,000.00		83.63
Total PAYD	OWNS	1,550,964.76					1,550,964.76		2,021.93
SELL									
7/1/2024	7/2/2024	2,000,000.00	3135G03U5	FANNIE MAE	0.62%	4/22/2025	1,930,530.55		-73,589.43
7/1/2024	7/2/2024	1,275,000.00	3135G03U5	FANNIE MAE	0.62%	4/22/2025	1,230,713.23		-46,524.45
7/1/2024	7/2/2024	3,520,000.00	3135G03U5	FANNIE MAE	0.62%	4/22/2025	3,397,733.78		-125,375.22
7/1/2024	7/2/2024	720,000.00	3130AJHU6	FEDERAL HOME LOAN BANK	0.50%	4/14/2025	694,860.00		-26,213.32
7/16/2024	7/17/2024	410,000.00	89236TGT6	TOYOTA MOTOR CREDIT CORP	1.80%	2/13/2025	404,801.20		-9,038.25
7/16/2024	7/17/2024	2,505,000.00	91282CKT7	US TREASURY N/B	4.50%	5/31/2029	2,566,444.36		26,643.68
7/16/2024	7/17/2024	1,135,000.00	89236TGT6	TOYOTA MOTOR CREDIT CORP	1.80%	2/13/2025	1,120,608.20		-24,488.47
8/1/2024	8/2/2024	3,000,000.00	023135CE4	AMAZON.COM INC	3.00%	4/13/2025	2,986,780.00		-39,364.54
8/5/2024	8/6/2024	1,125,000.00	66989HAP3	NOVARTIS CAPITAL CORP (CALLABLE)	1.75%	2/14/2025	1,114,336.25		-25,695.01
8/5/2024	8/6/2024	420,000.00	89236TGT6	TOYOTA MOTOR CREDIT CORP	1.80%	2/13/2025	416,656.80		-7,609.03

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
SELL									
8/5/2024	8/6/2024	965,000.00	57636QAN4	MASTERCARD INC (CALLABLE)	2.00%	3/3/2025	955,900.05		-22,423.00
8/6/2024	8/7/2024	1,550,000.00	166764BW9	CHEVRON CORP (CALLABLE)	1.55%	5/11/2025	1,520,538.12		-44,290.62
8/8/2024	8/9/2024	650,000.00	166764BW9	CHEVRON CORP (CALLABLE)	1.55%	5/11/2025	637,434.63		-18,809.17
8/8/2024	8/9/2024	625,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	603,857.64		-21,372.45
8/8/2024	8/9/2024	1,265,000.00	57636QAN4	MASTERCARD INC (CALLABLE)	2.00%	3/3/2025	1,253,876.43		-28,688.08
8/12/2024	8/13/2024	535,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	517,060.26		-18,168.85
8/13/2024	8/14/2024	1,940,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	1,875,944.43		-64,915.50
8/14/2024	8/15/2024	1,295,000.00	91282CHA2	US TREASURY N/B	3.50%	4/30/2028	1,298,263.90		-6,201.34
9/4/2024	9/5/2024	2,380,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	2,310,607.13		-71,791.63
9/4/2024	9/5/2024	1,810,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	1,757,226.44		-55,317.99
9/4/2024	9/5/2024	810,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	786,383.10		-24,231.42
9/11/2024	9/12/2024	1,175,000.00	3135G04Z3	FANNIE MAE	0.50%	6/17/2025	1,142,864.40		-33,892.19
Total SELL		31,110,000.00					30,523,420.90		-761,356.28

Portfolio Holdings

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury											_
US TREASURY N/B DTD 07/02/2018 2.750% 06/30/2025	912828XZ8	1,000,000.00	AA+	Aaa	7/24/2019	7/25/2019	1,048,945.31	1.87	6,949.73	1,006,143.57	990,371.00
US TREASURY N/B DTD 07/31/2018 2.875% 07/31/2025	912828Y79	1,185,000.00	AA+	Aaa	6/12/2024	6/13/2024	1,157,735.74	4.99	5,739.84	1,164,835.33	1,173,733.02
US TREASURY N/B DTD 08/31/2020 0.250% 08/31/2025	91282CAJ0	4,375,000.00	AA+	Aaa	8/2/2021	8/6/2021	4,326,123.05	0.53	936.64	4,364,014.20	4,227,378.75
US TREASURY N/B DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	3,100,000.00	AA+	Aaa	9/27/2021	9/28/2021	3,031,824.22	0.81	21.29	3,083,037.60	2,988,012.50
US TREASURY N/B DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	1,675,000.00	AA+	Aaa	9/21/2021	9/22/2021	1,646,407.23	0.68	11.50	1,667,915.07	1,614,490.63
US TREASURY N/B DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	4,000,000.00	AA+	Aaa	9/3/2021	9/9/2021	3,937,812.50	0.64	27.47	3,984,725.88	3,855,500.00
US TREASURY N/B DTD 11/02/2020 0.250% 10/31/2025	91282CAT8	1,795,000.00	AA+	Aaa	10/4/2021	10/6/2021	1,756,996.48	0.78	1,877.92	1,784,898.12	1,725,583.76
US TREASURY N/B DTD 11/16/2015 2.250% 11/15/2025	912828M56	2,000,000.00	AA+	Aaa	1/30/2019	1/31/2019	1,951,484.38	2.64	16,997.28	1,991,979.27	1,964,218.00
US TREASURY N/B DTD 11/30/2020 0.375% 11/30/2025	91282CAZ4	2,110,000.00	AA+	Aaa	11/2/2021	11/3/2021	2,054,777.34	1.03	2,659.12	2,094,227.40	2,026,342.72
US TREASURY N/B DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	2,750,000.00	AA+	Aaa	1/6/2021	1/7/2021	2,741,943.36	0.43	2,606.15	2,747,980.30	2,634,629.25
US TREASURY N/B DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	10,390,000.00	AA+	Aaa	7/16/2021	7/19/2021	10,237,802.73	0.71	9,846.50	10,347,317.37	9,954,108.33
US TREASURY N/B DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	1,425,000.00	AA+	Aaa	5/6/2021	5/7/2021	1,402,066.41	0.73	1,350.46	1,418,844.78	1,365,216.98
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	5,500,000.00	AA+	Aaa	7/2/2021	7/7/2021	5,394,296.88	0.80	3,474.86	5,469,156.73	5,256,581.00
US TREASURY N/B DTD 01/31/2019 2.625% 01/31/2026	9128286A3	1,375,000.00	AA+	Aaa	2/1/2021	2/3/2021	1,524,799.80	0.42	6,081.01	1,415,017.83	1,354,160.50
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	1,400,000.00	AA+	Aaa	5/2/2022	5/3/2022	1,270,281.25	3.01	884.51	1,353,854.62	1,338,038.80

Security Type/Description			S&P	Moody's	Trade	Settle	Original	YTM	Accrued	Amortized	Market
Dated Date/Coupon/Maturity	CUSIP	Par	Rating	Rating	Date	Date	Cost	at Cost	Interest	Cost	Value
U.S. Treasury											
US TREASURY N/B DTD 01/31/2019 2.625% 01/31/2026	9128286A3	2,000,000.00	AA+	Aaa	8/20/2019	8/21/2019	2,138,750.00	1.49	8,845.11	2,028,692.68	1,969,688.00
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	3,350,000.00	AA+	Aaa	2/26/2021	2/26/2021	3,280,644.53	0.80	2,116.51	3,331,235.49	3,201,735.70
US TREASURY N/B DTD 02/01/2021 0.375% 01/31/2026	91282CBH3	3,300,000.00	AA+	Aaa	5/19/2021	5/20/2021	3,232,453.13	0.82	2,084.92	3,280,841.39	3,153,948.60
US TREASURY N/B DTD 02/16/2016 1.625% 02/15/2026	912828P46	1,000,000.00	AA+	Aaa	3/6/2019	3/8/2019	937,226.56	2.62	2,075.41	987,574.03	971,055.00
US TREASURY N/B DTD 03/01/2021 0.500% 02/28/2026	91282CBQ3	1,665,000.00	AA+	Aaa	9/21/2021	9/22/2021	1,646,333.79	0.76	712.91	1,659,065.99	1,590,269.81
US TREASURY N/B DTD 03/01/2021 0.500% 02/28/2026	91282CBQ3	2,000,000.00	AA+	Aaa	3/12/2021	3/12/2021	1,966,718.75	0.84	856.35	1,990,551.35	1,910,234.00
US TREASURY N/B DTD 03/01/2021 0.500% 02/28/2026	91282CBQ3	3,000,000.00	AA+	Aaa	12/3/2021	12/7/2021	2,919,140.63	1.15	1,284.53	2,973,029.42	2,865,351.00
US TREASURY N/B DTD 04/01/2019 2.250% 03/31/2026	9128286L9	545,000.00	AA+	Aaa	3/2/2020	3/4/2020	587,088.48	0.94	33.69	555,360.83	533,056.87
US TREASURY N/B DTD 05/16/2016 1.625% 05/15/2026	912828R36	1,045,000.00	AA+	Aaa	7/24/2019	7/25/2019	1,025,161.33	1.92	6,414.11	1,040,283.73	1,010,588.15
US TREASURY N/B DTD 06/01/2021 0.750% 05/31/2026	91282CCF6	1,455,000.00	AA+	Aaa	6/23/2021	6/25/2021	1,446,701.95	0.87	3,667.32	1,452,203.27	1,385,774.01
US TREASURY N/B DTD 05/31/2019 2.125% 05/31/2026	9128286X3	1,000,000.00	AA+	Aaa	6/3/2019	6/5/2019	1,008,945.31	1.99	7,141.39	1,002,127.67	974,492.00
US TREASURY N/B DTD 06/01/2021 0.750% 05/31/2026	91282CCF6	4,175,000.00	AA+	Aaa	6/1/2021	6/1/2021	4,161,790.04	0.81	10,523.05	4,170,606.33	3,976,361.85
US TREASURY N/B DTD 06/01/2021 0.750% 05/31/2026	91282CCF6	3,340,000.00	AA+	Aaa	6/6/2022	6/8/2022	3,061,057.81	2.99	8,418.44	3,223,470.12	3,181,089.48
US TREASURY N/B DTD 08/02/2021 0.625% 07/31/2026	91282CCP4	1,665,000.00	AA+	Aaa	9/21/2021	9/22/2021	1,649,520.70	0.82	1,753.23	1,659,167.98	1,575,506.25
US TREASURY N/B DTD 09/30/2021 0.875% 09/30/2026	91282CCZ2	4,660,000.00	AA+	Aaa	4/5/2022	4/7/2022	4,290,658.59	2.77	112.02	4,495,522.37	4,413,346.20
US TREASURY N/B DTD 09/30/2019 1.625% 09/30/2026	912828YG9	3,035,000.00	AA+	Aaa	1/5/2021	1/6/2021	3,235,950.19	0.45	135.49	3,104,991.73	2,918,103.94
US TREASURY N/B DTD 03/31/2020 0.625% 03/31/2027	912828ZE3	865,000.00	AA+	Aaa	2/26/2021	2/26/2021	845,909.18	1.00	14.85	857,179.97	803,976.85

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury											
US TREASURY N/B DTD 04/30/2020 0.500% 04/30/2027	912828ZN3	3,985,000.00	AA+	Aaa	8/3/2022	8/5/2022	3,561,593.75	2.92	8,338.18	3,754,563.17	3,683,323.55
US TREASURY N/B DTD 05/15/2017 2.375% 05/15/2027	912828X88	780,000.00	AA+	Aaa	11/29/2022	11/30/2022	728,477.34	4.01	6,997.21	749,726.08	756,112.50
US TREASURY N/B DTD 08/15/2017 2.250% 08/15/2027	9128282R0	680,000.00	AA+	Aaa	8/29/2022	8/31/2022	647,487.50	3.30	1,954.08	661,175.08	655,270.44
US TREASURY N/B DTD 08/15/2017 2.250% 08/15/2027	9128282R0	5,240,000.00	AA+	Aaa	9/1/2022	9/6/2022	4,967,970.31	3.40	15,057.88	5,081,969.45	5,049,436.92
US TREASURY N/B DTD 08/15/2017 2.250% 08/15/2027	9128282R0	105,000.00	AA+	Aaa	1/4/2022	1/6/2022	109,499.41	1.45	301.73	107,303.56	101,181.47
US TREASURY N/B DTD 11/02/2020 0.500% 10/31/2027	91282CAU5	1,435,000.00	AA+	Aaa	9/22/2021	9/23/2021	1,392,006.05	1.01	3,002.58	1,413,300.50	1,306,578.98
US TREASURY N/B DTD 12/31/2020 0.625% 12/31/2027	91282CBB6	2,000,000.00	AA+	Aaa	1/5/2021	1/6/2021	1,995,078.13	0.66	3,158.97	1,997,710.85	1,820,156.00
US TREASURY N/B DTD 05/01/2023 3.500% 04/30/2028	91282CHA2	3,130,000.00	AA+	Aaa	5/1/2023	5/1/2023	3,117,895.71	3.59	45,844.29	3,121,336.08	3,120,829.10
US TREASURY N/B DTD 05/15/2018 2.875% 05/15/2028	9128284N7	1,000,000.00	AA+	Aaa	6/3/2019	6/5/2019	1,064,765.63	2.08	10,859.38	1,026,207.58	975,586.00
US TREASURY N/B DTD 05/15/2018 2.875% 05/15/2028	9128284N7	950,000.00	AA+	Aaa	7/24/2019	7/25/2019	1,015,609.38	2.02	10,316.41	976,961.64	926,806.70
US TREASURY N/B DTD 08/15/2018 2.875% 08/15/2028	9128284V9	1,000,000.00	AA+	Aaa	8/20/2019	8/21/2019	1,111,171.88	1.54	3,671.88	1,047,896.72	974,023.00
US TREASURY N/B DTD 11/16/1998 5.250% 11/15/2028	912810FF0	1,040,000.00	AA+	Aaa	12/6/2022	12/8/2022	1,118,325.00	3.82	20,623.37	1,094,383.33	1,107,031.12
US TREASURY N/B DTD 02/15/2019 2.625% 02/15/2029	9128286B1	1,000,000.00	AA+	Aaa	8/20/2019	8/21/2019	1,094,296.88	1.55	3,352.58	1,043,475.60	960,977.00
US TREASURY N/B DTD 05/15/2019 2.375% 05/15/2029	9128286T2	535,000.00	AA+	Aaa	3/2/2020	3/4/2020	596,211.52	1.07	4,799.37	565,742.43	507,456.06
US TREASURY N/B DTD 05/15/2019 2.375% 05/15/2029	9128286T2	1,000,000.00	AA+	Aaa	6/3/2019	6/5/2019	1,024,335.94	2.10	8,970.79	1,011,303.62	948,516.00
US TREASURY N/B DTD 05/15/2019 2.375% 05/15/2029	9128286T2	990,000.00	AA+	Aaa	7/24/2019	7/25/2019	1,018,114.45	2.05	8,881.08	1,003,240.95	939,030.84
US TREASURY N/B DTD 10/31/2022 4.000% 10/31/2029	91282CFT3	1,090,000.00	AA+	Aaa	12/6/2022	12/8/2022	1,110,139.45	3.69	18,245.65	1,104,838.75	1,109,501.19

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury											
US TREASURY N/B DTD 10/31/2022 4.000% 10/31/2029	91282CFT3	985,000.00	AA+	Aaa	11/1/2022	11/3/2022	974,996.09	4.17	16,488.04	977,730.13	1,002,622.64
US TREASURY N/B DTD 01/03/2023 3.875% 12/31/2029	91282CGB1	2,850,000.00	AA+	Aaa	1/4/2023	1/6/2023	2,862,357.42	3.80	27,909.48	2,859,286.23	2,885,180.40
US TREASURY N/B DTD 02/28/2023 4.000% 02/28/2030	91282CGQ8	2,510,000.00	AA+	Aaa	8/16/2023	8/17/2023	2,464,702.34	4.32	8,597.79	2,472,501.81	2,556,279.38
US TREASURY N/B DTD 05/31/2023 3.750% 05/31/2030	91282CHF1	595,000.00	AA+	Aaa	7/24/2023	7/25/2023	586,028.52	4.00	7,498.46	587,584.72	598,486.11
US TREASURY N/B DTD 11/16/2020 0.875% 11/15/2030	91282CAV3	2,000,000.00	AA+	Aaa	1/5/2021	1/6/2021	1,986,718.75	0.95	6,610.05	1,991,750.87	1,700,782.00
US TREASURY N/B DTD 11/30/2023 4.375% 11/30/2030	91282CJM4	840,000.00	AA+	Aaa	12/7/2023	12/8/2023	851,353.13	4.15	12,350.41	850,189.61	873,140.52
US TREASURY N/B DTD 02/15/2001 5.375% 02/15/2031	912810FP8	980,000.00	AA+	Aaa	12/6/2022	12/8/2022	1,099,552.34	3.64	6,727.51	1,073,051.77	1,078,841.82
US TREASURY N/B DTD 02/15/2001 5.375% 02/15/2031	912810FP8	2,345,000.00	AA+	Aaa	8/16/2023	8/17/2023	2,517,394.14	4.22	16,097.98	2,491,525.58	2,581,514.36
US TREASURY N/B DTD 07/01/2024 4.250% 06/30/2031	91282CKW0	1,865,000.00	AA+	Aaa	7/1/2024	7/2/2024	1,842,634.57	4.45	20,031.01	1,843,318.30	1,929,327.58
US TREASURY N/B DTD 07/31/2024 4.125% 07/31/2031	91282CLD1	3,525,000.00	AA+	Aaa	8/1/2024	8/2/2024	3,577,599.61	3.88	24,497.79	3,576,533.94	3,620,837.70
US TREASURY N/B DTD 11/15/2021 1.375% 11/15/2031	91282CDJ7	600,000.00	AA+	Aaa	1/30/2023	1/31/2023	503,812.50	3.51	3,116.17	522,061.16	513,398.40
US TREASURY N/B DTD 05/16/2022 2.875% 05/15/2032	91282CEP2	1,900,000.00	AA+	Aaa	10/2/2023	10/2/2023	1,656,339.84	4.70	20,632.81	1,684,591.41	1,794,460.70
US TREASURY N/B DTD 05/16/2022 2.875% 05/15/2032	91282CEP2	2,050,000.00	AA+	Aaa	7/1/2024	7/2/2024	1,833,628.91	4.48	22,261.72	1,839,352.64	1,936,128.65
US TREASURY N/B DTD 08/15/2022 2.750% 08/15/2032	91282CFF3	3,065,000.00	AA+	Aaa	1/4/2023	1/6/2023	2,829,497.85	3.71	10,764.98	2,872,047.97	2,860,987.47
US TREASURY N/B DTD 11/15/2022 4.125% 11/15/2032	91282CFV8	2,505,000.00	AA+	Aaa	8/16/2023	8/17/2023	2,484,059.77	4.23	39,030.01	2,486,607.56	2,574,375.97
US TREASURY N/B DTD 11/15/2022 4.125% 11/15/2032	91282CFV8	855,000.00	AA+	Aaa	12/7/2023	12/8/2023	853,897.85	4.14	13,321.62	853,998.44	878,679.22
US TREASURY N/B DTD 02/15/2023 3.500% 02/15/2033	91282CGM7	1,835,000.00	AA+	Aaa	10/2/2023	10/2/2023	1,672,932.23	4.67	8,202.65	1,690,208.73	1,801,382.80

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U.S. Treasury											
US TREASURY N/B DTD 05/15/2023 3.375% 05/15/2033	91282CHC8	2,000,000.00	AA+	Aaa	7/1/2024	7/2/2024	1,838,359.38	4.49	25,495.92	1,842,059.63	1,942,734.00
US TREASURY N/B DTD 05/15/2023 3.375% 05/15/2033	91282CHC8	1,140,000.00	AA+	Aaa	8/1/2023	8/1/2023	1,079,660.16	4.03	14,532.68	1,086,867.18	1,107,358.38
US TREASURY N/B DTD 08/15/2023 3.875% 08/15/2033	91282CHT1	735,000.00	AA+	Aaa	8/30/2023	8/31/2023	720,587.11	4.12	3,637.55	722,160.36	740,196.45
US TREASURY N/B DTD 08/15/2023 3.875% 08/15/2033	91282CHT1	2,890,000.00	AA+	Aaa	9/4/2024	9/5/2024	2,914,723.05	3.76	14,302.75	2,914,569.99	2,910,432.30
US TREASURY N/B DTD 11/15/2023 4.500% 11/15/2033	91282CJJ1	825,000.00	AA+	Aaa	12/7/2023	12/8/2023	850,330.08	4.12	14,022.76	848,617.76	870,278.48
US TREASURY N/B DTD 11/15/2023 4.500% 11/15/2033	91282CJJ1	1,435,000.00	AA+	Aaa	1/3/2024	1/5/2024	1,502,882.23	3.92	24,391.10	1,498,660.35	1,513,757.11
US TREASURY N/B DTD 02/15/2024 4.000% 02/15/2034	91282CJZ5	1,365,000.00	AA+	Aaa	4/9/2024	4/11/2024	1,325,276.37	4.37	6,973.37	1,326,830.47	1,386,968.31
US TREASURY N/B DTD 05/15/2024 4.375% 05/15/2034	91282CKQ3	1,845,000.00	AA+	Aaa	7/1/2024	7/2/2024	1,829,360.74	4.48	30,488.88	1,829,679.31	1,930,043.43
US TREASURY N/B DTD 08/15/2024 3.875% 08/15/2034	91282CLF6	2,900,000.00	AA+	Aaa	9/4/2024	9/5/2024	2,922,089.84	3.78	14,352.24	2,921,975.36	2,917,220.20
Security Type Sub-Total		154,580,000.00					152,171,100.80	2.30	702,364.77	153,130,749.09	150,350,174.20
Negotiable CD											
COOPERAT RABOBANK UA/NY DTD 07/20/2023 5.080% 07/17/2026	21684LGS5	3,000,000.00	A+	Aa2	7/17/2023	7/20/2023	3,000,000.00	5.08	31,326.67	3,000,000.00	3,079,836.00
Security Type Sub-Total		3,000,000.00					3,000,000.00	5.08	31,326.67	3,000,000.00	3,079,836.00
Federal Agency											
FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	15,000.00	AA+	Aaa	7/28/2020	7/29/2020	15,030.15	0.46	21.67	15,004.39	14,615.45
FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	2,500,000.00	AA+	Aaa	9/2/2020	9/3/2020	2,510,400.00	0.41	3,611.11	2,501,544.32	2,435,907.50
FANNIE MAE DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	3,990,000.00	AA+	Aaa	8/12/2020	8/13/2020	3,999,336.60	0.45	5,763.33	3,991,370.51	3,887,708.37

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Federal Agency											
FREDDIE MAC DTD 07/23/2020 0.375% 07/21/2025	3137EAEU9	2,420,000.00	AA+	Aaa	7/21/2020	7/23/2020	2,407,948.40	0.48	1,764.58	2,418,056.19	2,350,502.44
FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025	3135G05X7	1,130,000.00	AA+	Aaa	10/15/2020	10/16/2020	1,126,485.70	0.44	423.75	1,129,348.98	1,093,402.69
FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025	3135G05X7	5,185,000.00	AA+	Aaa	10/22/2020	10/23/2020	5,155,964.00	0.49	1,944.38	5,179,599.50	5,017,073.41
FANNIE MAE DTD 08/27/2020 0.375% 08/25/2025	3135G05X7	2,800,000.00	AA+	Aaa	8/25/2020	8/27/2020	2,786,896.00	0.47	1,050.00	2,797,638.66	2,709,316.40
FANNIE MAE (CALLABLE) DTD 08/26/2020 0.600% 08/26/2025	3136G4U92	5,000,000.00	AA+	Aaa	9/2/2020	9/2/2020	5,002,500.00	0.59	2,916.67	5,000,000.00	4,837,685.00
FREDDIE MAC DTD 09/25/2020 0.375% 09/23/2025	3137EAEX3	4,385,000.00	AA+	Aaa	9/23/2020	9/25/2020	4,371,801.15	0.44	365.42	4,382,416.02	4,233,331.62
FEDERAL FARM CREDIT BANK (CALLABLE) DTD 09/29/2020 0.530% 09/29/2025	3133EMBH4	1,900,000.00	AA+	Aaa	10/7/2020	10/9/2020	1,896,675.00	0.57	55.94	1,899,335.00	1,835,536.80
FANNIE MAE DTD 11/12/2020 0.500% 11/07/2025	3135G06G3	4,830,000.00	AA+	Aaa	11/19/2020	11/24/2020	4,828,164.60	0.51	9,660.00	4,829,592.36	4,647,875.19
FANNIE MAE DTD 04/26/2016 2.125% 04/24/2026	3135G0K36	3,050,000.00	AA+	Aaa	4/25/2016	4/26/2016	3,026,149.00	2.21	28,265.45	3,046,267.89	2,979,825.60
FEDERAL HOME LOAN BANK DTD 11/16/2018 3.250% 11/16/2028	3130AFFX0	1,000,000.00	AA+	Aaa	3/6/2019	3/8/2019	1,025,300.00	2.95	12,187.50	1,010,771.36	986,000.00
FEDERAL HOME LOAN BANK DTD 11/16/2018 3.250% 11/16/2028	3130AFFX0	3,000,000.00	AA+	Aaa	1/7/2019	1/9/2019	3,065,400.00	2.99	36,562.50	3,027,380.60	2,958,000.00
FANNIE MAE DTD 08/05/2020 0.875% 08/05/2030	3135G05Q2	2,810,000.00	AA+	Aaa	8/5/2020	8/6/2020	2,795,163.20	0.93	3,824.72	2,801,326.31	2,392,136.14
FANNIE MAE DTD 08/05/2020 0.875% 08/05/2030	3135G05Q2	2,500,000.00	AA+	Aaa	9/2/2020	9/3/2020	2,471,875.00	0.99	3,402.78	2,483,433.65	2,128,235.00
FEDERAL HOME LOAN BANK DTD 08/25/2022 3.375% 09/10/2032	3130AT4C8	1,115,000.00	AA+	Aaa	11/3/2022	11/4/2022	983,864.85	4.89	2,195.16	1,009,270.90	1,067,205.53
Security Type Sub-Total		47,630,000.00					47,468,953.65	0.97	114,014.96	47,522,356.64	45,574,357.14

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate			9								
GOLDMAN SACHS GROUP INC (CALLABLE) DTD 05/22/2015 3.750% 05/22/2025	38148LAE6	2,130,000.00	BBB+	A2	2/12/2021	2/17/2021	2,379,593.40	0.94	28,621.88	2,154,354.79	2,116,644.90
UNITEDHEALTH GROUP INC DTD 07/23/2015 3.750% 07/15/2025	91324PCP5	2,000,000.00	A+	A2	9/11/2020	9/15/2020	2,290,820.00	0.69	15,833.33	2,047,467.17	1,993,426.00
JOHNSON & JOHNSON (CALLABLE) DTD 08/25/2020 0.550% 09/01/2025	478160CN2	4,000,000.00	AAA	Aaa	9/2/2020	9/4/2020	4,020,360.00	0.45	1,833.33	4,003,456.70	3,872,016.00
BRISTOL-MYERS SQUIBB CO (CALLABLE) DTD 11/13/2020 0.750% 11/13/2025	110122DN5	1,114,000.00	А	A2	6/17/2021	6/21/2021	1,102,904.56	0.98	3,202.75	1,111,180.55	1,072,808.74
BRISTOL-MYERS SQUIBB CO (CALLABLE) DTD 11/13/2020 0.750% 11/13/2025	110122DN5	1,280,000.00	А	A2	6/23/2021	6/25/2021	1,269,030.40	0.95	3,680.00	1,277,205.46	1,232,670.72
NOVARTIS CAPITAL CORP (CALLABLE) DTD 11/20/2015 3.000% 11/20/2025	66989HAJ7	3,535,000.00	AA-	Aa3	1/27/2023	1/31/2023	3,406,608.80	4.39	38,590.42	3,482,956.39	3,493,792.51
STATE STREET CORP (CALLABLE) DTD 02/07/2022 1.746% 02/06/2026	857477BR3	500,000.00	Α	A1	2/2/2022	2/7/2022	500,000.00	1.75	1,333.75	500,000.00	494,112.00
JPMORGAN CHASE & CO (CALLABLE) DTD 03/13/2020 2.005% 03/13/2026	46647PBH8	1,085,000.00	A-	A1	4/1/2022	4/5/2022	1,044,855.00	3.01	1,087.71	1,070,221.66	1,070,522.85
BANK OF AMERICA CORP (CALLABLE) DTD 03/22/2022 3.384% 04/02/2026	06051GKM0	2,425,000.00	A-	A1	3/17/2022	3/22/2022	2,425,000.00	3.38	40,803.05	2,425,000.00	2,405,558.78
BANK OF AMERICA NA (CALLABLE) DTD 08/18/2023 5.526% 08/18/2026	06428CAA2	2,105,000.00	A+	Aa1	8/17/2023	8/21/2023	2,104,873.70	5.53	13,894.05	2,104,920.61	2,161,165.61
JP MORGAN CHASE BANK NA (CALLABLE) DTD 12/08/2023 5.110% 12/08/2026	48125LRU8	735,000.00	A+	Aa2	8/8/2024	8/9/2024	744,819.60	4.50	11,789.20	744,217.32	751,453.71
JP MORGAN CHASE BANK NA (CALLABLE) DTD 12/08/2023 5.110% 12/08/2026	48125LRU8	3,000,000.00	A+	Aa2	12/5/2023	12/8/2023	3,000,000.00	5.11	48,119.17	3,000,000.00	3,067,158.00
TARGET CORP (CALLABLE) DTD 01/24/2022 1.950% 01/15/2027	87612EBM7	445,000.00	Α	A2	1/19/2022	1/24/2022	444,243.50	1.99	1,831.92	444,651.95	427,386.01

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Corporate											
BANK OF NY MELLON CORP (CALLABLE) DTD 01/26/2022 2.050% 01/26/2027	06406RBA4	3,360,000.00	Α	A1	1/26/2022	1/28/2022	3,370,819.20	1.98	12,436.67	3,364,919.49	3,216,504.48
HOME DEPOT INC (CALLABLE) DTD 09/14/2017 2.800% 09/14/2027	437076BT8	3,155,000.00	Α	A2	1/25/2023	1/27/2023	2,977,026.45	4.15	4,171.61	3,041,511.17	3,064,965.77
BANK OF NY MELLON CORP (CALLABLE) DTD 02/07/2017 3.442% 02/07/2028	06406RAB3	1,560,000.00	Α	A1	8/6/2024	8/7/2024	1,515,602.40	4.33	8,054.28	1,517,386.04	1,535,180.40
MORGAN STANLEY BANK NA (CALLABLE) DTD 05/30/2024 5.504% 05/26/2028	61690U8B9	1,020,000.00	A+	Aa3	5/28/2024	5/30/2024	1,020,000.00	5.50	18,869.55	1,020,000.00	1,051,865.82
MORGAN STANLEY BANK NA (CALLABLE) DTD 05/30/2024 5.504% 05/26/2028	61690U8B9	1,980,000.00	A+	Aa3	5/30/2024	5/31/2024	1,984,177.80	5.45	36,629.12	1,983,481.45	2,041,857.18
JOHN DEERE CAPITAL CORP DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	1,205,000.00	Α	A1	7/13/2023	7/17/2023	1,221,363.90	4.64	12,757.94	1,217,411.79	1,244,342.05
JOHN DEERE CAPITAL CORP DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	1,010,000.00	Α	A1	7/11/2023	7/14/2023	1,008,495.10	4.98	10,693.38	1,008,860.46	1,042,975.49
SALESFORCE INC (CALLABLE) DTD 07/12/2021 1.500% 07/15/2028	79466LAH7	2,750,000.00	A+	A1	8/5/2024	8/6/2024	2,475,385.00	4.28	8,708.33	2,485,254.06	2,519,418.00
PACCAR FINANCIAL CORP DTD 08/10/2023 4.950% 08/10/2028	69371RS64	2,290,000.00	A+	A1	8/18/2023	8/22/2023	2,284,870.40	5.00	16,058.63	2,286,015.09	2,369,440.10
CITIBANK NA (CALLABLE) DTD 09/29/2023 5.803% 09/29/2028	17325FBB3	1,480,000.00	A+	Aa3	5/1/2024	5/3/2024	1,508,623.20	5.30	477.14	1,506,180.74	1,565,739.36
CITIBANK NA (CALLABLE) DTD 09/29/2023 5.803% 09/29/2028	17325FBB3	3,000,000.00	A+	Aa3	9/26/2023	9/29/2023	3,000,000.00	5.80	967.17	3,000,000.00	3,173,796.00
STATE STREET CORP (CALLABLE) DTD 08/20/2024 4.530% 02/20/2029	857477CN1	1,295,000.00	Α	A1	8/14/2024	8/20/2024	1,295,000.00	4.53	6,681.12	1,295,000.00	1,307,513.59
BLACKROCK FUNDING INC (CALLABLE) DTD 03/14/2024 4.700% 03/14/2029	09290DAA9	290,000.00	AA-	Aa3	3/5/2024	3/14/2024	289,475.10	4.74	643.64	289,527.77	298,115.65
ADOBE INC (CALLABLE) DTD 04/04/2024 4.800% 04/04/2029	00724PAF6	1,070,000.00	A+	A1	4/3/2024	4/5/2024	1,071,412.40	4.77	25,252.00	1,071,288.33	1,104,619.85
ADOBE INC (CALLABLE) DTD 04/04/2024 4.800% 04/04/2029	00724PAF6	1,310,000.00	A+	A1	4/1/2024	4/4/2024	1,308,048.10	4.83	30,916.00	1,308,220.24	1,352,385.05

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate											
MASTERCARD INC (CALLABLE) DTD 05/31/2019 2.950% 06/01/2029	57636QAM6	2,500,000.00	A+	Aa3	6/26/2024	6/27/2024	2,296,850.00	4.82	24,583.33	2,306,490.49	2,394,037.50
PEPSICO INC (CALLABLE) DTD 07/17/2024 4.500% 07/17/2029	713448FX1	1,535,000.00	A+	A1	7/15/2024	7/17/2024	1,532,620.75	4.53	14,198.75	1,532,715.27	1,579,028.41
TOYOTA MOTOR CREDIT CORP DTD 08/09/2024 4.550% 08/09/2029	89236TMK8	440,000.00	A+	A1	8/6/2024	8/9/2024	439,106.80	4.60	2,891.78	439,130.16	447,080.92
TOYOTA MOTOR CREDIT CORP DTD 08/09/2024 4.550% 08/09/2029	89236TMK8	960,000.00	A+	A1	8/7/2024	8/9/2024	958,896.00	4.58	6,309.33	958,928.57	975,449.28
TOYOTA MOTOR CREDIT CORP DTD 08/09/2024 4.550% 08/09/2029	89236TMK8	1,100,000.00	A+	A1	8/8/2024	8/9/2024	1,095,479.00	4.64	7,229.44	1,095,599.21	1,117,702.30
ELI LILLY & CO (CALLABLE) DTD 08/14/2024 4.200% 08/14/2029	532457CQ9	1,865,000.00	A+	A1	8/13/2024	8/14/2024	1,867,722.90	4.17	10,226.42	1,867,662.30	1,881,811.11
ELI LILLY & CO (CALLABLE) DTD 08/14/2024 4.200% 08/14/2029	532457CQ9	535,000.00	A+	A1	8/12/2024	8/14/2024	533,828.35	4.25	2,933.58	533,857.98	539,822.49
Security Type Sub-Total		60,064,000.00					59,787,911.81	3.82	472,309.77	59,495,073.21	59,982,366.63
Agency CMBS											
FHMS K061 A2 DTD 01/01/2017 3.347% 11/01/2026	3137BTUM1	2,109,188.14	AA+	Aaa	5/19/2023	5/24/2023	2,044,264.70	4.29	5,882.88	2,069,338.22	2,077,202.30
FHMS K064 A2 DTD 05/01/2017 3.224% 03/01/2027	3137BXQY1	3,100,000.00	AA+	Aaa	8/16/2023	8/18/2023	2,924,171.88	4.94	8,328.67	2,978,804.67	3,048,071.90
FHMS K065 A2 DTD 07/01/2017 3.243% 04/01/2027	3137F1G44	1,760,000.00	AA+	Aaa	8/16/2023	8/18/2023	1,659,418.75	4.93	4,756.40	1,689,964.52	1,727,695.20
FHMS K066 A2 DTD 08/01/2017 3.117% 06/01/2027	3137F2LJ3	2,735,000.00	AA+	Aaa	8/17/2023	8/22/2023	2,557,652.34	4.97	7,104.16	2,608,817.71	2,675,226.58
FHMS K507 A1 DTD 09/01/2023 4.800% 04/01/2028	3137HAMR4	2,811,423.57	AA+	Aaa	9/20/2023	9/28/2023	2,767,303.91	5.19	11,245.69	2,775,541.17	2,867,632.36
FHMS K506 A1 DTD 09/01/2023 4.650% 05/01/2028	3137HAMG8	1,485,186.28	AA+	Aaa	9/7/2023	9/14/2023	1,462,975.34	5.01	5,755.10	1,467,468.95	1,513,617.20
FHMS K505 A2 DTD 07/01/2023 4.819% 06/01/2028	3137HACX2	3,000,000.00	AA+	Aaa	7/13/2023	7/20/2023	3,029,964.00	4.59	12,047.50	3,022,688.23	3,077,295.00
FHMS KJ46 A1 DTD 07/01/2023 4.777% 06/01/2028	3137HAD45	2,311,193.73	AA+	Aaa	7/19/2023	7/27/2023	2,311,135.95	4.78	9,200.48	2,311,149.80	2,347,451.73

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Agency CMBS											
FNA 2023-M6 A2 DTD 07/01/2023 4.181% 07/01/2028	3136BQDE6	2,771,116.67	AA+	Aaa	7/18/2023	7/31/2023	2,724,137.59	4.58	9,655.45	2,735,136.03	2,781,203.54
FHMS KJ47 A1 DTD 09/01/2023 5.272% 08/01/2028	3137HAMN3	1,671,386.92	AA+	Aaa	9/19/2023	9/28/2023	1,671,378.56	5.27	7,342.96	1,671,381.01	1,720,858.30
FHMS K508 A2 DTD 10/01/2023 4.740% 08/01/2028	3137HAQ74	3,150,000.00	AA+	Aaa	10/11/2023	10/19/2023	3,080,901.60	5.25	12,442.50	3,093,050.74	3,229,175.25
FHMS K506 A2 DTD 09/01/2023 4.650% 08/01/2028	3137HAMH6	3,000,000.00	AA+	Aaa	9/7/2023	9/14/2023	2,955,621.00	4.99	11,625.00	2,964,097.23	3,062,289.00
FHMS K507 A2 DTD 09/01/2023 4.800% 09/01/2028	3137HAMS2	3,000,000.00	AA+	Aaa	9/20/2023	9/28/2023	2,964,141.00	5.07	12,000.00	2,970,212.27	3,077,178.00
FHMS K509 A2 DTD 10/01/2023 4.850% 09/01/2028	3137HAST4	2,365,000.00	AA+	Aaa	10/25/2023	10/31/2023	2,289,596.71	5.60	9,558.54	2,301,191.83	2,431,756.86
FHMS K511 A2 DTD 12/01/2023 4.860% 10/01/2028	3137HB3G7	1,745,000.00	AA+	Aaa	11/28/2023	12/7/2023	1,739,986.62	4.93	7,067.25	1,740,741.45	1,795,212.38
FHMS K510 A2 DTD 11/01/2023 5.069% 10/01/2028	3137HB3D4	1,200,000.00	AA+	Aaa	11/14/2023	11/21/2023	1,196,530.80	5.14	5,069.00	1,197,074.92	1,243,209.60
FHMS K512 A2 DTD 12/01/2023 5.000% 11/01/2028	3137HBCF9	1,580,000.00	AA+	Aaa	12/11/2023	12/21/2023	1,594,754.04	4.79	6,583.33	1,592,659.79	1,633,816.38
FHMS K513 A2 DTD 01/01/2024 4.724% 12/01/2028	3137HBFY5	1,790,000.00	AA+	Aaa	1/10/2024	1/18/2024	1,807,880.31	4.50	7,046.63	1,805,581.28	1,834,318.61
FHMS K514 A2 DTD 02/01/2024 4.572% 12/01/2028	3137HBLV4	1,800,000.00	AA+	Aaa	2/1/2024	2/8/2024	1,817,998.20	4.34	6,858.00	1,815,837.35	1,833,843.60
FHMS K518 A2 DTD 03/01/2024 5.400% 01/01/2029	3137HC2L5	2,170,000.00	AA+	Aaa	3/19/2024	3/28/2024	2,222,394.65	4.83	9,765.00	2,218,188.55	2,282,041.44
FHMS K515 A2 DTD 02/01/2024 5.400% 01/01/2029	3137HBPD0	3,050,000.00	AA+	Aaa	2/14/2024	2/22/2024	3,132,167.00	4.79	13,725.00	3,123,072.41	3,203,887.75
FHMS K517 A2 DTD 03/01/2024 5.355% 01/01/2029	3137HC2C5	2,685,000.00	AA+	Aaa	3/5/2024	3/14/2024	2,765,512.41	4.67	11,981.81	2,757,378.70	2,815,168.80
FHMS K520 A2 DTD 04/01/2024 5.180% 03/01/2029	3137HCKV3	1,700,000.00	AA+	Aaa	4/23/2024	4/30/2024	1,706,900.30	5.09	7,338.33	1,706,476.90	1,774,274.70
FHMS K522 A2 DTD 06/01/2024 4.803% 05/01/2029	3137HDJJ0	3,200,000.00	AA+	Aaa	6/5/2024	6/13/2024	3,199,990.40	4.80	12,808.00	3,200,000.00	3,294,556.80
FHMS K524 A2 DTD 07/01/2024 4.720% 05/01/2029	3137HDV56	2,645,000.00	AA+	Aaa	7/16/2024	7/25/2024	2,661,242.94	4.58	10,403.67	2,660,944.04	2,716,142.57

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Agency CMBS											
FHMS K528 A2 DTD 09/01/2024 4.508% 07/01/2029	3137HFNZ4	1,125,000.00	AA+	Aaa	9/4/2024	9/12/2024	1,147,477.50	4.06	4,226.25	1,147,259.43	1,147,205.25
Security Type Sub-Total		59,959,495.31					59,435,498.50	4.86	229,817.60	59,624,057.20	61,210,331.10
ABS											
TAOT 2021-C A3 DTD 09/27/2021 0.430% 01/15/2026	89239BAC5	224,290.72	AAA	Aaa	9/21/2021	9/27/2021	224,272.84	0.43	42.86	224,285.36	222,360.02
CARMX 2021-2 A3 DTD 04/21/2021 0.520% 02/17/2026	14314QAC8	61,493.79	AAA	NR	4/13/2021	4/21/2021	61,480.54	0.52	14.21	61,490.00	61,263.18
HART 2021-C A3 DTD 11/17/2021 0.740% 05/15/2026	44935FAD6	137,571.67	AAA	NR	11/9/2021	11/17/2021	137,540.97	0.75	45.25	137,560.59	136,303.12
CCCIT 2023-A1 A1 DTD 12/11/2023 5.230% 12/08/2027	17305EGW9	675,000.00	AAA	Aaa	12/4/2023	12/11/2023	674,915.36	5.23	11,081.06	674,931.51	682,240.05
TAOT 2023-D A3 DTD 11/14/2023 5.540% 08/15/2028	89239FAD4	450,000.00	AAA	NR	11/7/2023	11/14/2023	449,951.49	5.54	1,108.00	449,960.88	460,488.15
HART 2023-C A3 DTD 11/13/2023 5.540% 10/16/2028	44918CAD4	665,000.00	AAA	NR	11/3/2023	11/13/2023	664,912.55	5.54	1,637.38	664,927.91	679,626.01
BACCT 2023-A2 A2 DTD 12/14/2023 4.980% 11/15/2028	05522RDH8	1,105,000.00	NR	Aaa	12/7/2023	12/14/2023	1,104,851.60	4.98	2,445.73	1,104,876.70	1,127,113.26
GMCAR 2024-1 A3 DTD 01/17/2024 4.850% 12/18/2028	36268GAD7	295,000.00	NR	Aaa	1/9/2024	1/17/2024	294,940.68	4.85	596.15	294,948.38	298,722.90
CHAIT 2024-A1 A DTD 01/31/2024 4.600% 01/16/2029	161571HV9	2,825,000.00	AAA	NR	1/24/2024	1/31/2024	2,824,569.75	4.60	5,775.56	2,824,626.60	2,860,606.30
Security Type Sub-Total		6,438,356.18					6,437,435.78	4.65	22,746.20	6,437,607.93	6,528,722.99
Managed Account Sub Total		331,671,851.49					328,300,900.54	2.95	1,572,579.97	329,209,844.07	326,725,788.06
Securities Sub Total		\$331,671,851.49					\$328,300,900.54	2.95%	\$1,572,579.97	\$329,209,844.07	\$326,725,788.06
Accrued Interest											\$1,572,579.97
Total Investments											\$328,298,368.03

Important Disclosures

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- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

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Glossary

- Accrued Interest: Interest that is due on a bond or other fixed income security since the last interest payment was made.
- Agencies: Federal agency securities and/or Government-sponsored enterprises.
- Amortized Cost: The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- Asset-Backed Security: A financial instrument collateralized by an underlying pool of assets usually ones that generate a cash flow from debt, such as loans, leases, credit card balances, and receivables.
- Bankers' Acceptance: A draft or bill or exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- Commercial Paper: An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- Contribution to Total Return: The weight of each individual security multiplied by its return, then summed for each sector to determine how much each sector added or subtracted from the overall portfolio performance.
- Effective Duration: A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- Effective Yield: The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- FDIC: Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- Interest Rate: Interest per year divided by principal amount and expressed as a percentage.
- Market Value: The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- Maturity: The date upon which the principal or stated value of an investment becomes due and payable.
- Negotiable Certificates of Deposit: A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- Par Value: The nominal dollar face amount of a security.
- Pass-through Security: A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.

Glossary

- Repurchase Agreements: A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- Settle Date: The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- Supranational: A multinational union or association in which member countries cede authority and sovereignty on at least some internal matters to the group, whose decisions are binding on its members.
- Trade Date: The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- Unsettled Trade: A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- U.S. Treasury: The department of the U.S. government that issues Treasury securities.
- Yield: The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- YTM at Cost: The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- YTM at Market: The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.

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CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

Date: November 20, 2024

Subject: CAJPA Legislative Update

The California Association of Joint Powers Authorities (CAJPA) engages in legislative advocacy in support of JPAs and local government agencies in California including cities, schools, counties, water agencies and special districts. The Chair of the Legislative Committee, Robin Flint, will be present at the meeting to provide a briefing on CAJPA's recent advocacy efforts. Attached is a brief summary of CAJPA's legislative platforms and related information.

Recommended Action

Receive and file.

About CAJPA

Who is CAJPA?

Founded in 1981, the California Association of Joint Powers Authorities (CAJPA) represents the interests of California's counties, colleges, schools, cities, and special districts that utilize the joint powers model in managing risk. Working to establish the highest of fiscal and operational standards, CAJPA helps these cooperating agencies employ cost-effective and secure risk solutions that address diverse legal and economic challenges, while serving the complex needs of the state's population.

What is a Joint Powers Authority?

A joint powers authority (JPA) is a government-regulated public entity formed by two or more public agencies such as the state of California, cities, counties, school districts and special districts. These risk pools or JPAs combine their assets to promote risk management and pay claims against member entities. The joint powers mechanism can be used for any governmental function that a single government agency may lawfully perform. CAJPA members are risk pool JPAs that focus on loss control, risk management, and insurance-related functions.

Risk pool JPAs can provide programs for workers' compensation, general liability, auto liability, fiduciary liability, pollution liability, public officials' errors and omissions, employee fidelity, property damage, health care (medical, dental or vision), and short and long-term disability coverage for their member public entities. There are distinct advantages to public agencies when establishing or joining a JPA:

- Risk pool JPAs are not driven by profit. Decisions are made based on the best interest of JPA members.
- JPA insurance coverage rates are determined by the members' experience and exposure. Group commercial coverage is purchased at a lower rate through economies of scale.
- JPA members have more control over coverage issues, how programs are operated, how claims are paid and how resources are allocated to reduce the potential for claims.

CAJPA Members Serve:

- More than 1,000 school and community college districts, which employ 300,000 educators and serve 6 million students
- 471 California cities
- 54 of California's 58 counties
- More than 3,000 special districts that provide vital public services to the citizens in California cities, towns, and unincorporated areas and may include mosquito abatement, fire, water, sanitation, hospital, cemetery, and recreation and park districts.



Joint Powers Authority

CAJPA monitors and takes positions on legislation introduced in California. CAJPA focuses on those legislative issues that have a significant public policy impact, a tangible financial impact on the operations of risk sharing JPAs and by extension, on the ability of the participating local governments' capability to devote the maximum of their financial resources to the functions for which they exist.



CAJPA's Joint Powers Authority Platform

CAJPA strongly supports the ability of local governmental entities to form Joint Powers Authorities. We recognize that when JPAs are formed with an eye towards common geographic, functional, and philosophical needs, it allows entities to more efficiently deliver services that meet the needs of the people we serve. The savings of tax dollars, using economies of scale, allow the individual JPA members to deliver a higher level of basic services, such as education, public safety, and infrastructure maintenance, to its primary benefactors, the community and its taxpayers. As a result of the benefits JPAs provide to their members and constituents, CAJPA advocates the following to preserve and strengthen the JPA concept:

CAJPA **Supports**:

• Broadening of the ability of JPAs to prudently invest their funds and purchase goods and services.

CAJPA Opposes:

- Local, state, or federal law or regulation that would lessen JPAs' authority or inhibit their ability to lawfully deliver goods and services to their members.
- Local, state, or federal law or regulations that directly or indirectly increase the cost to JPAs and their members.



Trusted Leadership for California's Public Risk Sharing Pools

Health Care & Safety/ Loss Control

CAJPA's Health Care Platform

CAJPA supports a managed competition approach with a system of regionally empowered Joint Powers Authorities. These JPAs will pool their member risks to enable cost control through proven managed care measures. With the growth of JPAs, claims and associated risk becomes predictable, and utilization can stabilize. CAJPA views these regional authorities as encouraging a more competitive market system and will ultimately prove to be more effective than a regulatory approach.

CAJPA Supports:

- Legislation that promotes cost and quality transparency of medical providers and pharmacy benefit managers.
- Legislation that addresses anti-competitive medical provider consolidation.
- Legislation that promotes patient access to virtual medical and mental health care.
- Legislation that holds drug manufacturers accountable for skyrocketing prices.
- Legislation that supports efforts to reduce fraud, waste, and abuse.

CAJPA Opposes:

- New or expanded coverage mandates that increase the cost of insurance for all.
- Legislation that restricts the ability of health plans to steer members to high value health care providers.
- Legislation that restricts the ability of health plans to administer drug formularies and coverage limits that emphasize high value and appropriate drugs.
- Unfunded and poorly drafted Single Payor legislation.

CAJPA's Safety/ Loss Control Platform

CAJPA closely monitors legislative activity and takes positions on proposed legislation that could impact our member public entities. The CAJPA Safety/Loss Control Subcommittee monitors those bills and issues that could impact the safety and health of our employees and the general public.

CAJPA **Supports**:

- Legislation that seeks to establish consistency between state and federal safety and risk management standards involving public agencies.
- Well-balanced and fair legislation that promotes health standards and safety regulations for public agencies to implement in the interest of the greater good.
- Use of loss control strategies to reduce risks.
- Efforts to provide review of, and comment on, standards being considered by the Cal-OSHA Standards Board.
- Efforts to establish and maintain non-arbitrary, transparent, and data driven decision making to facilitate legislation, programs, and policies that positively impact the health and welfare of employees and the general public.
- Efforts to control cybercrime.
- Monitoring and when applicable taking position on legislation affecting public safety and health.

Tort Liability & Workers' Compensation

CAJPA's Tort Liability Platform

CAJPA supports legislation that facilitates the use of public agency funds for their intended purpose of providing services to the communities. CAJPA supports legislation that restores the immunities from tort claims and reduces the liabilities of public agencies.

CAJPA Supports:

- Establish maximum limitations on general damages.
- Eliminate joint liability as it applies to economic damages.
- Establish the use of actual medical expenses incurred as proof for general as well as special damages.
- Restrict or eliminate the application of the rule against collateral sources as a means of reducing damages.
- Restore the immunities restricted or eliminated by legislation or judiciary decisions.
- Maintain, to the extent it exists, and regain, where it has been eliminated, the right of public agencies to contractually transfer the risk of loss.
- Increase minimum automobile insurance limits to a level commensurate with taking financial responsibilities for the use of the vehicle.
- Enhance the ability of public agencies to use periodic payments as satisfaction of a judgment.



CAJPA's Workers' Compensation Platform

CAJPA supports legislation that preserves the original intent of the workers' compensation system: to deliver prompt and fair benefits to workers who are injured on the job. We believe that the system should promote employee health, function, and return to work. We resist legislation that would result in increased litigation; excessive costs; expansion of injury "presumptions" for special classes of employees; or erosion of workers' compensation as the exclusive remedy for work-related injuries.

CAIPA Supports:

- Continued enforcement of workers' compensation as the exclusive remedy for injuries arising out of and in the course of employment.
- Consistent application of the AOE/COE standard for determining what injuries are covered, for all employees.
- Statewide fee schedules that control the cost of required medical and expense services allocated to claims.
- Objective standards for determining permanent disability and apportionment to the actual causes of disability.
- Medical treatment that is accessible and consistent with evidence-based, peer-reviewed, and nationally recognized standards of care, enforced by medical professionals through utilization review and independent medical review.
- Streamlining the system to minimize expensive and unnecessary litigation, including information to injured workers that is relevant and easy to understand.
- Vigorous efforts to reduce or eliminate fraud within the workers' compensation system, perpetrated by any party to the system.

CAJPA Members

ACWA IPIA

Alameda County Schools Insurance Group

Alliance of Schools for Cooperative Insurance Programs (ASCIP)

Authority for California Cities Excess Liability (ACCEL)

Bay Area Schools Insurance Cooperative (BASIC)

Bay Cities Joint Powers Insurance Authority

BETA Healthcare Group

Butte Schools Self-Funded Programs

California Affiliated Risk Management Authorities (CARMA)

California Association for Park & Recreation Indemnity (CAPRI)

California Fair Services Authority (CFSA)

California Housing Workers' Compensation Authority (CHWCA)

California Housing Workers' Compensation Authority (CHWCA)

California Intergovernmental Risk Authority

California Joint Powers Insurance Authority (CJPIA)

California Joint Powers Risk Management Authority (CJPRMA)

California Risk Management Authority (CRMA)

California Sanitation Risk Management Authority (CSRMA)

California Schools Employee Benefits Association

California Schools Risk Management JPA CSRM

California State University Risk Management Authority

California Transit Indemnity Pool (CalTIP)

Central Region School Insurance Group (CRSIG)

Central San Joaquin Valley Risk Management Authority

City of Fontana

Contra Costa & Solano Counties School Districts' Self

Insurance Authority

Contra Costa County Schools Insurance Group (CCCSIG)

East Bay Schools Insurance Group

Employment Risk Management Authority (ERMA)

Fire Districts Association of California Employee Benefits

Authority

Fontana USD

Fresno County Self-Insurance Group (FCSIG)

FRMS/Fire Agencies Self Insurance System (FASIS)

Golden State Risk Management Authority (GSRMA)

Imperial County School Districts LiabilityProperty Self

Insurance Authority

Independent Cities Risk Management Authority (ICRMA)

Local Agency Workers' Compensation Excess JPA (LAWCX)

Marin Schools Insurance Authority

Merced County Schools Insurance Group

Monterey Bay Area Self Insurance Authority (MBASIA)

Monterey Educational Risk Management Authority

Municipal Pooling Authority (MPA)

Municipalities Colleges Schools Insurance Group

NonProfits' United

North Bay School Insurance Authority (NBSIA)

North Valley Schools Insurance Group (NVSIG)

Northeastern Joint Powers Authority

Northern California Cities Self-Insurance Fund

Northern California Community Colleges SIA

Northern California ReLiEF

Northern California Schools Insurance Group

Northern California Special Districts Insurance Authority

Northern Orange County Liability & Property Self-Insurance

Authority

Northern Orange County Self-Funded Workers'

Compensation Agency

Organization of Self-Insured Schools (OSS)

Public Entity Risk Management Authority PERMA

Public Risk Innovations, Solutions, and Management

(PRISM)

Redwood Empire Schools Insurance Group (RESIG)

Riverside Schools' Insurance Authority

Riverside Schools Risk Management Authority

San Bernardino County Department of Risk Management

San Diego County Schools Risk Management

San Joaquin County Office of Education

San Mateo County Schools Insurance Group

Santa Clara County Schools' Insurance Group (SCCSIG)

Santa Cruz/San Benito County Schools Insurance Group

Schools Alliance for Workers' Compensation Excess JPA

(SAWCX II)

Schools Excess Liability Fund (SELF)

Schools Insurance Authority (SIA)

Schools Insurance Group

Schools Insurance Program for Employees SIPE

Schools Insured Risk Management Authority I

Self-Insured Schools of California (SISC)

Shasta-Trinity Schools Insurance Group

SIRMA II for Liability/Property Protection

Small Cities Organized Risk Effort (SCORE)

South Bay Area Schools Insurance Authority

Southern California ReLiEF

Special District Risk Management Authority SDRMA

Statewide Association of Community Colleges SWACC

Statewide Educational Wrap Up Program (SEWUP)

Tri-County Schools Insurance Group

Trindel Insurance Fund

Tuolumne Joint Powers Authority

Vector Control Joint Powers Agency (VCJPA)

Ventura County Schools Self-Funding Authority

West San Gabriel Property & Liability JPA

West San Gabriel Workers' Compensation JPA

Western Orange County Self Funded Workers'

Compensation Agency

Yolo County Public Agency Risk Management Insurance

Authority (YCPARMIA)



CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Jason McBride, Finance Director

Date: November 20, 2024

Subject: Actuarial Study as of June 30, 2024

The Authority's consulting actuary, Milliman, completed its study of the claim reserves as of June 30, 2024. A copy of the study is attached.

In summary, the study estimates the Authority's outstanding claim liability to be \$122.0 million for the Primary Liability Program (PLP), \$95.0 million for the Primary Workers' Compensation Program (PWCP), \$22.5 million for the Excess Liability Program (ELP), and \$4.6 million for the Excess Workers' Compensation Program (EWCP). On a combined basis the total outstanding claim liability is estimated to be \$244.2 million. The outstanding claim liability was discounted to present value based on the assumption that future investment earnings will yield 2.0%. A comparison to previous estimates, as well as frequency and severity trend analysis will be provided by the actuary in the meeting. Detailed exhibits for all four programs are also contained within the attached report.

Recommended Action

Receive and file.

California Joint Powers Insurance Authority

An Actuarial Analysis of the Self-Insurance Program as of June 30, 2024

November 13, 2024

Michael L. DeMattei, FCAS, MAAA





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INTRODUCTION

PURPOSE OF REPORT

Milliman, Inc. (Milliman) has completed an actuarial study of the California Joint Powers Insurance Authority's (the Authority) self-insurance program¹ (the Program). This report presents the results of the study. Specifically, we were asked to provide the following as of June 30, 2024 for financial reporting purposes:

- An estimate of the Program's discounted and undiscounted unpaid loss and loss adjustment expense (LAE), net of all recoverables, as of June 30, 2024.
- An estimate of the loss development reserve (LDR) by layer as of June 30, 2024 for the Primary Liability and Workers Compensation Programs (PLP and PWCP, respectively) including the unpaid amounts corresponding to the Excess Liability and Excess Workers Compensation Programs (ELP and EWCP, respectively) which are retained by the Authority and the members participating in the ELP and EWCP.
- Funding/rate projections for the PLP and PWCP for the years ending June 30, 2025 (2024/2025) through June 30, 2029 (2028/2029).

SCOPE OF ANALYSIS

The purpose of this analysis is to assist the Authority in its management and accounting of the Program. Our review of the Program was completed in November 2024 using loss data valued as of June 30, 2024, and other information provided by the Authority through November 7, 2024. We are not aware of any transactions or changes in the loss experience since June 30, 2024 that would materially affect the results presented in this report.

Our estimates include provisions for allocated and unallocated loss adjustment expenses, but not any other Authority expenses. Allocated loss adjustment expense (ALAE) refers to loss adjustment expenses associated with specific claims, and consists primarily of defense costs. Unallocated loss adjustment expense (ULAE) refers to claim settlement costs that cannot be assigned to individual claims.

¹ Including both the traditional coverages as well as the more recent excess programs.

MILLIMAN REPORT

The estimates discounted to present value are based on future investment earnings at an annual pre-tax effective interest rate of 2.00%, based on the Authority's anticipated use of investment income on a long-term basis. Our estimates do not include any margin for unanticipated contingencies. Our estimates also assume the Program's excess insurance will be valid and collectible until all claims incurred through June 30, 2024 have been settled. Our estimates also

assume that members participating in the ELP and EWCP meet their loss and ALAE obligations

under their retentions.

Our estimates of the Program Claim Reserve are also net of all recoveries, with exceptions

discussed further below.

In this report, accident years are defined to include all claims occurring during the twelve-month

period ending June 30 of the indicated year.

As of June 30, 2024, there are 853 PWCP claims with a Nature of Injury field equal to COVID-19 in accident years 2019/2020 through 2021/2022 that have a total incurred amount of \$3.7 million and total paid amount of \$3.3 million, and 536 EWCP claims with a total incurred amount of \$3.3 million and total paid amount of \$1.7 million. Due to the relatively large volume of claims for these accident years and unique nature of the exposure, we have separately reviewed COVID-19 claims for the Workers' Compensation programs. Given the ages of the open claims, we are no longer

projecting development on the incurred losses.

The accident year 2022/2023 and subsequent COVID-19 claims are included in the PWCP and EWCP analyses. The COVID-19 claim volume and associated dollars are significantly lower for

these years and we now consider COVID-19 to be endemic.

Additional information about the potential impact of the pandemic can be found in the Variability

of Results sections.

November 13, 2024

BACKGROUND

GENERAL LIABILITY

The Program has been self-insured since April 1, 1978, when it began offering primary liability coverage for municipal liability risks. This coverage includes bodily injury, personal injury, and property damage for automobile and general liability exposures. General liability also includes limited coverage for environmental impairment, employment practices, and certain special liabilities that have been added to the Program over the years. These exposures continue to be combined into our analysis, as previously directed by the Authority.

In the 2023/2024 year, 104 California local governments participated in the PLP, which provides coverage for employees, volunteers, and protected contracts. Liability claims have been managed by Carl Warren & Co. since the Program's inception.

The ELP began on July 1, 2016, in which participating members retain loss and ALAE falling under a predetermined combined single limit (CSL) retention. Claims are handled by Carl Warren & Co. ULAE associated with the ELP is not retained by participants, but rather is covered by the Program. Fifteen California local governments participated in the ELP in 2023/2024. We note that Hemet is no longer part of the ELP program starting in the 2024/2025 year.

At the request of the Authority, our estimates of the PLP's unpaid liabilities have been subdivided into four coverage subgroups: Auto Liability, Employment Practices Liability, Public Officers Errors & Omissions Liability, and Other General Liability. We made this division using the Cause field in the data provided to us as of June 30, 2024, as summarized on Exhibit 9, Page 7.

The coverage provided to ELP members has an earth movement exclusion. For purposes of estimating unpaid liabilities and rates for the ELP, we believe that the ELP's earth movement exclusion is not material to our estimates due to the insignificant amount of earth movement claims in the PLP analysis.

WORKERS' COMPENSATION

Primary workers' compensation coverage was added to the Program on January 1, 1980. This coverage provides statutory workers' compensation and Labor Code Section 4850 benefits for employees, volunteers, and the Authority's staff that are injured in the course of employment. Under Section 4850, police, fire, and certain other public safety personnel are paid their full salary for the first twelve months of temporary total disability, instead of statutory workers' compensation benefits. Up through the 2008/2009 accident year, the Authority paid these extra benefits and then received reimbursement from member cities. Beginning with the 2009/2010 accident year, the Authority tracks these benefits but no longer makes payments on the behalf of cities.

In the 2023/2024 year, 97 members participated in the Authority's primary workers' compensation coverage. Workers' compensation claims have been managed by the following groups:

- Athens Administrators (Athens): since January 1, 2023
- Sedgwick Claims Management Services Ltd² (Sedgwick): July 1, 2001 through January
 1, 2023
- Colen and Lee: July 1, 1995 through June 30, 2001
- Hertz Claim Management, Inc. prior to July 1, 1995

The EWCP began on August 1, 2017, in which participating members retain loss and ALAE falling under a predetermined combined single limit (CSL) retention. Claims are handled by Athens (previously by Sedgwick). As with the ELP, ULAE associated with the EWCP is covered by the Program and not retained by EWCP members. Twelve California local governments participated in the EWCP in 2023/2024. We note that Hemet is no longer part of the EWCP program starting in the 2024/2025 year.

NET RETENTIONS

The self-insured retention has varied by year and coverage. Exhibit 4 details the retentions by year for both liability and workers' compensation.

² Claims were managed by York Risk Services Group – California until they were purchased by Sedgwick in September 2019.

CAPTIVE

The Authority formed a captive insurance company, Sequoia Pacific Reinsurance Company (Sequoia Pacific), which assumes a portion of the Authority's loss and ALAE liabilities beginning with the 2019/2020 accident year. Sequoia Pacific covers select layers of general liability and workers' compensation assumed from the Authority. These layers are detailed in Tables 1A and 1B for 2023/2024 and 2024/2025, respectively, and in Exhibit 4 page 2 for older years up to 2019/2020. We note that all reserve estimates in this report are <u>net</u> of the captive coverage, but all retained funding and rate estimates are gross of the captive coverage.

TABLE 1A: SEQUOIA PACIFIC COVERAGE LAYERS FOR 2023/2024

PROGRAM	COVERAGE LAYER
LIABILITY	\$3 MILLION EXCESS OF \$3 MILLION, WITH \$9 MILLION AGGREGATE LIMIT
LIABILITY	\$3 MILLION AAD IN THE \$10 MILLION EXCESS OF \$10 MILLION LAYER
WORKERS' COMPENSATION	\$1 MILLION EXCESS OF \$1 MILLION, WITH \$3 MILLION AGGREGATE LIMIT

TABLE 1B: SEQUOIA PACIFIC COVERAGE LAYERS FOR 2024/2025

PROGRAM	COVERAGE LAYER
LIABILITY	\$3 MILLION EXCESS OF \$3 MILLION, WITH \$12 MILLION AGGREGATE LIMIT
LIABILITY	\$3 MILLION AAD IN THE \$10 MILLION EXCESS OF \$10 MILLION LAYER
WORKERS' COMPENSATION	\$1 MILLION EXCESS OF \$1 MILLION, WITH \$3 MILLION AGGREGATE LIMIT

Seguoia Pacific funding and reserve estimates are provided in a separate Milliman report.

RESULTS OF ANALYSIS

PROGRAM CLAIM RESERVE

We estimate the discounted expected value of the retained Program Claim Reserve as of June 30, 2024 to be \$244.2 million, based on a 2.00% annual discount rate.

The Program Claim Reserve is intended to cover payments beyond June 30, 2024, for self-insured claims that occurred on or before June 30, 2024, regardless of when the claim was or will be reported. These estimates are detailed on Exhibit 1, Page 1 and shown by component on Exhibit 1, Page 2. The Scope section of this report details the types of payments for which the Program Claim Reserve estimates provide. We note that expected value estimates do not include any margin for unanticipated contingencies.

LOSS DEVELOPMENT RESERVE

The LDR is a term used by the Authority and represents the adjustment necessary to go from gross undiscounted case loss and ALAE reserves to net retained discounted total loss and LAE reserves. That is, the LDR is the difference between our net discounted total reserves and the gross case loss and ALAE reserve. "Gross case reserves" refers to loss and ALAE amounts established by claims administrators without reduction for excess insurance or other recoveries. The LDR is relevant to the PLP and PWCP only.

We estimate the expected value LDR is \$60.5 million as of June 30, 2024. This amount corresponds to covered claims that occurred through June 30, 2024. It consists of \$32.1 million for the PLP and \$28.5 million for the PWCP, and is based on a 2.00% annual discount rate. The LDR is summarized in Table 2 below.

TABLE 2: LOSS DEVELOPMENT RESERVE (IN MILLIONS) - EXPECTED VALUE AND PROBABILITY LEVELS

COVERAGE	EXPECTED	55%	60%	65%	70%	75%	80%	85%	90%	95%
PLP	\$32.1	\$33.3	\$36.3	\$39.5	\$43.0	\$46.8	\$51.2	\$56.3	\$62.8	\$73.1
PWCP	28.5	29.3	32.0	34.8	37.9	41.4	45.2	49.9	55.8	65.5
TOTAL	\$60.5	\$62.6	\$68.4	\$74.3	\$80.9	\$88.2	\$96.4	\$106.2	\$118.6	\$138.6

Note:

Totals may differ due to rounding.

The PLP LDR is shown in greater detail in Exhibit 7. The PLP LDR is also shown segregated by different coverage subgroups on Exhibit 9 (Auto Liability, Employment Practices Liability, Public Officer Errors & Omissions Liability, and All Other General Liability).

The PWCP LDR is shown in greater detail in Exhibit 8.

Finally, we show our Program unpaid claim liability estimates under alternative discount rate assumptions on Exhibit 10.

EXCESS PROGRAM MEMBER RETAINED LIABILITY

Members participating in the ELP and EWCP retain loss and ALAE under specific CSL retentions. The liabilities for the ELP and EWCP by member are summarized in Table 3 and Table 4, respectively, below, both undiscounted and discounted based on a 2.00% annual discount rate. This is shown in greater detail on Exhibits ELP-17 and EWCP-17, including discounted estimates at alternate discount rates. Higher probability level estimates may be obtained by using the probability level factors shown on Exhibit 6.

TABLE 3: ELP MEMBER RETAINED LIABILITY (IN THOUSANDS)

MEMBER	MRL	EXPECTED, UNDISCOUNTED	EXPECTED, DISCOUNTED
ALHAMBRA	\$750,000	\$3,824	\$3,648
AZUSA	150,000 STARTING 2021-22 250,000 OTHERWISE	2,806	2,676
COMMERCE	250,000	1,235	1,181
FOUNTAIN VALLEY	300,000	616	585
HERMOSA BEACH	250,000	390	370
HEMET	1,000,000 STARTING 1/1/2024 250,000 OTHERWISE	8,050	7,692
IRWINDALE	150,000	710	676
LA VERNE	250,000	1,454	1,387
PACIFIC GROVE	150,000	460	440
SANTA CLARITA	100,000	2,327	2,220
SAN LUIS OBISPO	500,000	3,299	3,155
STANTON	100,000	436	414
VISTA	150,000	846	808
WEST COVINA	1,000,000	6,082	5,810
WEST HOLLYWOOD	500,000 FOR EPL* 250,000 FOR ALL OTHER	3,954	3,775
TOTAL		\$36,489	\$34,837

Notes:

Totals may differ due to rounding.

MRL is Member Retained Limit, and applies to loss and ALAE on a combined basis.

(*) EPL stands for Employment Practice Liability.

TABLE 4: EWCP MEMBER RETAINED LIABILITY (IN THOUSANDS)

MEMBER	MRL	EXPECTED, UNDISCOUNTED	EXPECTED, DISCOUNTED
ALHAMBRA	\$500,000	\$5,693	\$5,179
AZUSA	250,000	4,542	4,111
FOUNTAIN VALLEY	750,000	1,194	1,104
HEMET	250,000	2,195	2,007
HERMOSA BEACH	500,000	467	432
LEMON GROVE	150,000	210	193
PACIFIC GROVE	150,000	580	532
SAN LUIS OBISPO	500,000	1,512	1,398
SANTA CLARITA	250,000	1,744	1,606
STANTON	100,000	146	134
WEST COVINA	1,000,000	5,574	5,089
WEST HOLLYWOOD	150,000	1,734	1,589
TOTAL		\$25,591	\$23,375

PRIMARY PROGRAM 2025 TO 2029 RATES

PLP rates are shown on Exhibit PLP-27, Page 5 for the 2024/2025 through 2028/2029 years. These rates are net of all recoveries, and assume that the Authority (including Seguoia Pacific) retains the first \$6,000,000 of loss and ALAE, as well as the following aggregate deductibles by layer of loss:

\$3.0 million in the \$5.0 million excess \$10.0 million layer

The rates are shown undiscounted, discounted at 2.00%, and assuming alternative retentions. Rates discounted using this 2.00% and alternate interest rates are shown on Exhibit PLP-27, Page 6. Higher probability level estimates can be obtained using the probability levels shown on Exhibit 6.

PWCP rates are shown on Exhibit PWCP-30, Page 5 for the 2024/2025 through 2028/2029 years. These rates are net of all recoveries and assume that the Authority (including Sequoia Pacific) retains the first \$2,000,000 of loss and ALAE. The rates are shown undiscounted, discounted at 2.00%, and assuming alternative retentions. Rates discounted using this 2.00% and alternate

Totals may differ due to rounding.

MRL is Member Retained Limit, and applies to loss and ALAE on a combined basis.

interest rates are shown on Exhibit PWCP-30, Page 6. Higher probability level estimates can be obtained using the probability levels shown on Exhibit 6.

CHANGE IN ESTIMATES – PRIMARY PROGRAMS

Overall, the primary programs gross ultimate loss increased when compared to the gross ultimate loss projections in our previous actuarial study as of June 30, 2023. A comparison of the selected ultimate amounts from the current and two previous studies is shown in Exhibit 2. (The discussion below pertains to amounts not reduced for excess insurance and other recoveries which is consistent with the underlying analysis data. We have also included a version of Exhibit 2 reflecting our ultimate estimates adjusted for received and anticipated future excess insurance and other recoveries.)

Our current estimates of the gross ultimate loss and ALAE for the primary programs through accident year 2022/2023 increased by \$9.4 million (3.8% of gross reserves at June 30, 2023). This change consisted of a \$11.2 million increase for the PLP (8.5% of gross PLP reserves at June 30, 2023) and a \$1.9 million decrease for PWCP (1.7% of gross PWCP reserves at June 30, 2023, including COVID-19 claims).

The PLP increase is driven by accident years 2019/2020 through 2022/2023 (excluding 2021/2022) and accident year 2010/2011. These years experienced greater than expected development, with several claims increasing more than \$1 million each in total incurred.

The PWCP decrease is primarily due to file number CJP041664LR in accident year 2018/2019 which decreased \$1.3 million in total incurred.

The components of the change in net retained reserves are shown on Exhibit 3. The change in the primary programs consists of: (i) the cost of new incidents that occurred during accident year 2023/2024 discounted at last year's interest rate, \$63.4 million; (ii) an increase of \$8.7 million to reflect a change in the estimated ultimate costs of incidents occurring before accident year 2023/2024 discounted at last year's interest rate; (iii) payments of \$63.3 million made during the year, which reduced the reserve; (iv) an increase of \$2.6 million to amortize the prior reserve discount; (v) a decrease of \$2.5 million which is due to the discount rate increasing from 1.5% to 2%; and (vi) an increase of \$0.6 million in the ULAE reserve.

The following chart shows the change in our estimates of gross ultimate loss and ALAE for the PLP over time, segregated by payments, case reserves and development & IBNR reserves (which are the difference between our ultimate estimates and case incurred).

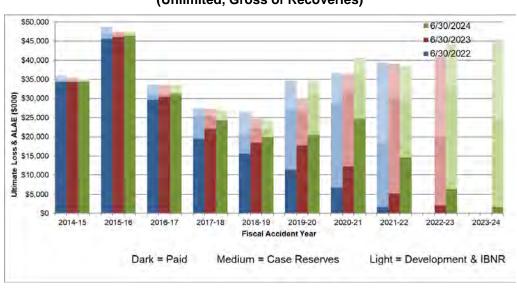


Chart 1: PLP Ultimate Loss & ALAE, Historical Estimates (Unlimited, Gross of Recoveries)

The following chart shows the change in our estimates of ultimate gross loss and ALAE for the PWCP over time, segregated by payments, case reserves and development & IBNR reserves.

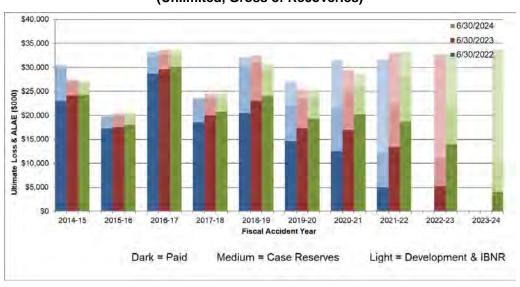


Chart 2: PWCP Ultimate Loss & ALAE, Historical Estimates (Unlimited, Gross of Recoveries)

PRIMARY PROGRAM CLAIM COSTS

Based on a review of the estimated historical costs per hundred dollars of payroll exposure, the PLP's loss costs have roughly fluctuated between \$3.00 and \$5.00 over the past ten years. If the peak in 2015/2016 is averaged with the valley in 2017/2018 and 2018/2019, the years have been generally stable. The corresponding loss costs (undiscounted and excluding the contingency margin) are shown below. They reflect the combination of changes in both the ultimate amounts and payroll exposures over time.

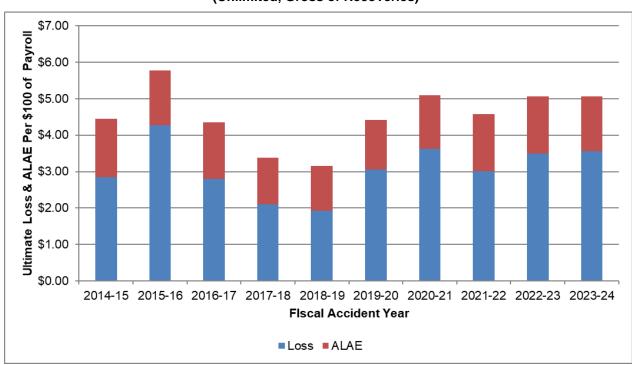


Chart 3: PLP Ultimate Loss & ALAE per \$100 of Payroll (Unlimited, Gross of Recoveries)

The PWCP's loss costs have approximately varied between \$3.00 and \$4.00 by year. The corresponding loss costs (undiscounted and excluding the contingency margin) are shown below. They reflect the combination of changes in both the ultimate amounts and payroll exposures over time.

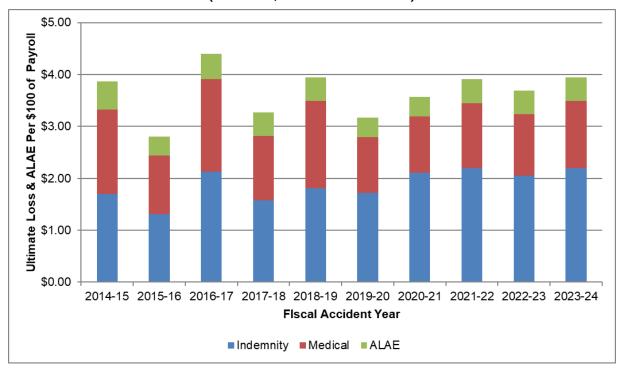


Chart 4: PWCP Ultimate Loss & ALAE per \$100 of Payroll (Unlimited, Gross of Recoveries)

CHANGE IN ESTIMATES – EXCESS PROGRAMS

Overall, the ELP gross ultimates increased \$21.1 million for exposures through June 30, 2023 when compared to the ultimate loss projections in our previous actuarial study as of June 30, 2023. The increase is due to file number 3004194 in accident year 2019/2020 which increased \$8.7 million, and two claims in accident year 2022/2023 which increased \$9.4 million in total. The net CJPIA-retained ultimates increased \$5.7 million. The majority of the large gross incurred emergence is excess of CJPIA coverage.

The EWCP gross ultimates increased \$3.6 million for exposures through June 30, 2023 (excluding 2019/2020 through 2021/2022 COVID-19 claims) when compared to the ultimate loss projections in our previous actuarial study as of June 30, 2023. COVID-19 claims in those three years unexpectedly increased \$1.5 million compared to our previous study. The net CJPIA-retained ultimates increased \$0.7 million (inclusive of all COVID-19 claims); therefore, the majority of the upward development took place within the member retained limits.

SCOPE OF ACTUARIAL ESTIMATES

ACTUARIAL ESTIMATES

Our unpaid claim and funding "expected value" estimates are **actuarial central estimates**, which is our estimate of the expected value over a range of reasonably possible outcomes. In this analysis, this is determined by our selections over the range of outcomes indicated by our actuarial methods.

We also provide **probability level estimates**, which represent the probability of actual costs being less than or equal to the indicated amount as a result of random claim variation. Probability levels greater than the expected value imply a contingency margin for adverse development.

The data provided and resulting estimates of our analysis are **net of salvage and subrogation** recoveries.

Unpaid claim liabilities equal the sum of case reserves and incurred-but-not-reported (IBNR) reserves. Case reserves are reserves for reported claims established by claims adjusters. IBNR reserves are estimated by Milliman and provide for future development of case reserves, reopened claims and unreported (or pure IBNR) claims.

Unpaid claim liability estimates in this report are also referred to as "reserve estimate(s)" or "estimated reserve(s)". These should not be construed as indicating a liability amount booked by the Authority, which would be referred to as a "carried reserve" or a "booked reserve".

EXCESS INSURANCE

Our estimates are presented on both a gross basis and a net basis with respect to excess insurance recoverables.

We did not review the actual excess insurance contracts of the Program, but relied on summaries of the terms of the contracts provided by the Authority. Our results, net of excess insurance, assume that all excess insurance is valid and collectible. We are not able to assess the potential for additional uncollectible excess insurance without performing a substantial amount of additional work beyond the scope of our assignment. An assessment of the potential for additional

uncollectible excess insurance is outside the scope of our assignment. We have not anticipated any contingent liabilities that could arise if the excess insurers do not meet their obligations to the Program as reflected in the data and other information provided to us.

RECOVERIES

Our estimates are net of all recoveries, with the following note:

• Due to anticipated income from the sale of real estate, a program year 1997-98 general liability occurrence (file #100020) has an anticipated recovery of \$1,200,000. This amount is based on the most recent appraisal of the associated real estate as of August 2012, as provided to us by the Authority as of August 27, 2013. Our analysis is gross of all recoveries on this occurrence.

DISCOUNTING/TIMING OF PAYMENTS

The estimates in our analysis include estimates that are **discounted for the time value of money**. For most outstanding claims, final claim settlement and payment will not be immediate. During this period of time, it is possible to earn investment income on loss reserves. The specific amount of investment income is dependent on loss payment patterns, actual funds invested, and the net investment yield.

In estimating the Program's discounted loss reserves, we used an annual pre-tax effective interest rate of 2.00%, as well as alternative rates of 1.50% and 2.50%. All three of these interest rates increased by fifty basis points compared to our prior analysis. This range of interest rates was provided to us by the Authority and is based on its expectation of the Program's expected longer-term portfolio return. The Authority selected the range of interest rates because it has greater familiarity with the Program's current investments, investment policy, and the potential investment returns of the Program's asset portfolio. We estimate the duration of the PLP and ELP coverages to be approximately 3.4 years and the duration of the PWCP and EWCP coverages to be approximately 4.3 years. We estimated the risk-free interest rate for a maturity that matches the average duration for each coverage based on considerations of 3-year and 5-year U.S. Treasury rates. The selected interest rates are less than current risk-free rates and do not conflict significantly with what, in our opinion, would be reasonable for the purpose of this assignment.

Future rates of return are not guaranteed and may exceed or fall below the assumed rate. Also, the actual timing of loss payments is subject to variability. Differences between actual and expected rates of return and timing of payments from those underlying our estimates may have a material effect on the amount of the discount. Further, our projections assume the existence of valid assets underlying the unpaid claim liabilities and that these assets are appropriate to meet the cash flow needs of the Authority. We have not reviewed the held assets.

METHODOLOGY

BASIS OF ANALYSIS

The estimates contained in this report are based on our actuarial analysis of the Programs' historical claim experience. The methods used included claim count development; incurred and paid loss development; and count/severity projections.

Separate analyses were conducted for the PLP, PWCP, ELP, and EWCP. We analyzed the PLP experience separately for total limits loss, loss limited to and excess of a \$150,000 limit per occurrence, and total limits ALAE. The total limits loss and total limits ALAE amounts reflect the entire amount of each claim, before any reduction for recoveries (e.g., excess insurance, salvage and subrogation, attorney reimbursements, etc.). The limited amounts include the first \$150,000 of loss for each occurrence, but no ALAE or recoveries. PWCP claims were separated into three total limits components: indemnity (including benefits paid under Section 4850), medical, and ALAE. The ELP and EWCP analyses rely significantly on parameters estimated for the PLP and PWCP, respectively.

We performed the analyses on an accident year basis, and projected ultimate loss and ALAE amounts for each accident year through 2028/2029 for the PLP and PWCP, but only through accident year 2023/2024 for the ELP and EWCP. The indicated reserves were estimated by subtracting the payments made through the reserve date from our estimates of the ultimate loss and ALAE for incidents through June 30, 2024. Adjustments were then made to reflect amounts above the retention, below member retention for the ELP and EWCP, anticipated recoveries and credits pertaining to Section 4850 salary continuation benefits (for the PWCP and EWCP), and other recoveries. A discount for future interest was then applied.

For the PLP, PWCP, ELP, and EWCP, the estimated ULAE reserve was based on the respective program's historical annual ULAE costs as a ratio to paid loss and ALAE. For our selected ULAE ratios in the excess programs, we also considered the primary program ULAE ratios.

The methodology for the PLP is discussed in the following sections of the report, and detailed in the "PLP" exhibits. PWCP estimates were developed using similar methods and is detailed in the "PWCP" exhibits. ELP and EWCP estimates were developed using similar methods which relied on parameters in the PLP and EWCP analyses, respectively, and are detailed in the "ELP" and

"EWCP" exhibits. Variations in methodology for PWCP, ELP, and EWCP are discussed in a section following PLP.

PLP METHODOLOGY

Closed with pay (CWP) claim counts were projected using a development method as well as a frequency method. Loss (excluding ALAE) was analyzed both on a total limits basis and a limited (to \$150,000 per occurrence) plus excess basis. The limited projections provide potentially greater stability given the exposure to large losses within this program. Total limits ALAE was analyzed separately from loss.

Development Methods

The loss development methods project future changes in experience using historical emergence patterns. An illustration of the development process is provided on Exhibit PLP-1 and PLP-2, which shows the PLP CWP occurrence count development history. The incremental age bracket columns represent the historical changes in occurrence counts during the indicated twelve-month period. As an example, as shown on PLP-1, 2015/2016 had 289 CWP occurrences at 12 months of age (i.e., at June 30, 2016) which grew to 534 at 24 months (i.e., at June 30, 2017). The ratio of 534 to 289 is 1.848 which is shown in PLP-1. Therefore, 2015/2016 experienced 84.8% growth in CWP occurrences from 12 to 24 months of age. The observed movement is called a "development factor" and PLP-1 shows such.

Based on this history as well as last year's selections, we selected factors by age interval. The cumulative line is the accumulation of these selections. As an example, the cumulative factor at 12 months is 2.011. This is the product of the 12 to 24 factor, the 24 to 36 factor, the 36 to 48 factor, etc., and therefore is the 12 to ultimate factor. So, 2.011 times the amount of CWP occurrences for accident year 2023/2024 at June 30, 2024 is an estimate of the ultimate counts for that year. This implies that we estimate 49.7% (1/2.011) of the total occurrences that will close with payment are closed by the end of the accident year. The resulting development method projections are shown on Exhibit PLP-2.

Similar projections were done on incurred and paid total limits losses, losses limited to \$150,000 per occurrence, and total limits ALAE.

Frequency Method for Occurrence Counts

In addition to the development method, we used a frequency method for occurrence counts. For this analysis, frequency is defined as the number of occurrences per million of payroll, which is consistent with our previous studies.

The frequency method (Exhibit PLP-3) begins with an analysis of empirical trends to measure average annual rates of change. We estimate that long-term CWP occurrence frequency trend is 0% for 2008/2009 and subsequent years. Using the assumed trend, the frequencies were adjusted to the 2023/2024 level, which given the 0% trend are the same as the untrended figures. We then selected an average 2023/2024 frequency based on the on-leveled frequencies.

The final selected CWP occurrence count [Column (9)] is based upon the development method and this frequency method.

Counts/Severity Method

In addition to development methods, we used a counts/severity method for total limits loss, loss limited to \$150,000 per occurrence, and ALAE. The mechanics of this method are identical to the frequency method used for counts.

The historical severities were analyzed similarly to the CWP occurrence frequencies. Based on the indicated severities and last year's rates, we selected the following annual trends:

TABLE 5: PLP SEVERITY TRENDS

COMPONENT	CURRENT STUDY	PRIOR STUDY
TOTAL LIMITS LOSS	4.0%	3.0%
LOSS LIMITED TO \$150,000	3.0%	3.0%
TOTAL LIMITS ALAE	2.0%	0.0%

The projected severity for each year was multiplied by the selected CWP occurrence count to estimate the projected ultimate amounts for this method.

Estimated Ultimate Amounts

The methods are summarized in Exhibit PLP-8 for total limits losses, Exhibit PLP-13 for limited losses and Exhibit PLP-19 for ALAE.

Since the limited losses only reflect amounts up to \$150,000 per occurrence, estimates of the excess amounts up to the total limits were necessary. This is shown in Exhibit PLP-14 and is based upon the Bornhuetter-Ferguson (B-F) method. The B-F is an additive method (as opposed to development methods which are multiplicative) in that it uses an expected ultimate "seed" and a percentage unreported (or unpaid) to arrive at an estimate of unreported (or unpaid) which is then added to the amounts to date to produce an estimate of ultimate.

The expected loss seed in this instance was based upon the limited loss projections and increased limits factors (ILFs). The ILFs were derived using reported incurred loss amounts evaluated as of June 30, 2024 along with last year's selections. The severity distribution data was compiled on an occurrence basis, consistent with the limited loss amounts used in our analysis. Separate distributions were modeled for Police and General Government claims.

Using the reported excess amounts as of June 30, 2024 and the implied excess amount from the ILFs, we applied the B-F method to estimate the excess amount shown in Column (7). When added to the projections of limited losses, this produces a second set of total limits ultimates. The final selection of total limits losses are shown in Exhibit PLP-20.

Future Other Recoverable

Other recoveries encompass salvage and subrogation, attorney reimbursements, and the like. The PLP loss data provided by Carl Warren does not separate these other recoveries and recoveries due to excess insurance reimbursements. For purposes of our analysis, we have assumed that all recoveries on occurrences piercing the Program's excess retention are completely due to excess insurance reimbursements, and all recoveries on other occurrences are "other recoveries".

The ultimate amount of other recoveries was estimated based on the ratio of the actual other recoveries to the reported losses gross of other recoveries for each year. This ratio was then applied to the ultimate losses. The ultimate other recoveries amount was reduced by the recoveries received through June 30, 2024 to estimate the future other recoverable. These estimates are developed on Exhibit PLP-21.

Future Excess Recoverable

For each year, the amount above the self-insured retention (SIR) was estimated from the assumed severity distribution discussed above. This is presented on Exhibit PLP-22, Page 1. Accident years 2008/2009 through 2023/2024 have additional aggregate excess retained layers, and accident years 2008/2009, 2014/2015, and 2017/2018 have a retained excess quota share layer. The future excess recoverable on those years is estimated on Exhibit PLP-22, Pages 2 through 17.

ULAE Reserve

We assumed that ULAE includes third-party administrator fees, coverage litigation, and administrative expenses attributable to claims settlement. We estimated that paid ULAE is 10.0% of loss and ALAE payments, based on the Program's payments during the last four calendar years.

To estimate the ULAE reserve, we assumed that 50% of these expenses are paid when a claim is reported and that the remainder is paid over the life of the claim. Thus, the ULAE reserve is equal to the sum of the products of:

- One-half of the ULAE ratio and the estimated reserves (case plus development) on the reported occurrences; and
- 2. The ULAE ratio and the estimated reserve for IBNR occurrences.

We segregated the loss and ALAE reserve between reported and IBNR occurrences using the occurrence reporting pattern and the assumption that the average cost of open and IBNR occurrence is equal. The indicated ULAE reserve is shown in Exhibit PLP-24. We assumed that the average discount factor for all accident years and the indicated contingency margin also apply to ULAE.

Program Claim Reserve

Our estimate of the Program Claim Reserve is presented in Exhibit PLP-25. The indicated reserve is equal to the selected total limits ultimate amounts less the payments made through the reserve date. The indicated reserve was reduced by the estimated (excess and other) recoverables and increased by a provision for the Program's ULAE liabilities. Finally, the indicated loss & LAE reserves net of recoveries were reduced by a discount for future interest.

No adjustment is made to the Program Claim Reserve estimate to include a margin for contingencies via a probability level factor adjustment. However, probability level factors corresponding to the 55% through 95% probability levels (in five-point increments) were requested by the Authority for informational purposes and are shown in Exhibit 6.

Retained Funding Options

Loss and ALAE rate estimates gross of recoveries for future accident years (2024/2025 through 2028/2029) are developed in Exhibit PLP-27, Pages 1 through 3, based on the selected total limits ultimate loss & ALAE adjusted to remove the experience of members who have departed the Program as of June 30, 2024.

Exhibit PLP-27, Page 5 shows different retained rate options for accident years 2024/2025 through 2028/2029 under different retention assumptions. Each of these options are estimated beginning with the estimated total limits loss and ALAE rates shown on Exhibit PLP-27, Page 3 and reducing the estimated excess insurance recoverables (estimated on Exhibit PLP-27, Page 4) and other recoverable. ULAE is added in to get the undiscounted retained loss and LAE. Investment income is reflected to calculate the discounted retained ultimate.

Exhibit PLP-27 also shows the estimated split of the Police versus General Government portions of the funding. We estimated the Police share to be 24% based on historical reported losses, which is estimated on Exhibit PLP-27, Page 7. This is one point lower than selected in our previous analysis. The rates are calculated by dividing the estimated losses by the appropriate payroll.

Margin for Contingencies

The indicated ultimate amounts and reserves have been developed on a central-estimate basis, without any provision for extraordinary adverse developments. However, uncertainties associated with various external and internal factors may have significant impact on the Program. There may also be unanticipated changes in the legal or social environments. Even if there are no unanticipated changes, there is an inherent fluctuation in the amount of actual claims around the expected amount.

The contingency margins were estimated statistically based on the historical variations in PLP claims. Using this model, the following table shows the indicated probability levels of the PLP's claim reserve.

TABLE 6: PLP PROBABILITY LEVEL FACTORS

	55%	60%	65%	70%	75%	80%	85%	90%	95%
CURRENT	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336
PRIOR	1.010	1.036	1.065	1.097	1.132	1.171	1.217	1.275	1.369

These assumptions and parameters were based on the historical statistical fluctuations, which may understate the total uncertainty. For example, there may be additional variability as a result of model selection errors or unanticipated systemic changes. Accordingly, it should be understood that the actual experience fluctuations may be greater than anticipated and that the probabilities of underfunding the 55% through 95% probability levels may be larger than indicated above.

PWCP METHODOLOGY COMMENTS

The PWCP claim experience was analyzed according to: lost-time (LT) claim counts, indemnity (including benefits paid under Section 4850), medical, and ALAE. Medical should be understood to include medical benefits on both lost-time and medical-only claims. As previously mentioned, we separately analyzed COVID-19 claims and accepted the incurred amounts on those claims as the ultimates.

The indemnity data includes Section 4850 claims, of which the salary continuation portion is not the responsibility of the Program. For dates of injury occurring June 30, 2009 and prior, the Program makes the payments and then receives reimbursement from members. Beginning with July 1, 2009 incidents, members directly make the salary continuation payments. For data consistency purposes, all years in our study include the salary continuation payments which are then removed in the final liability calculations.

The data we received prior to June 30, 2002 combined case reserves for indemnity and Section 4850 benefits. Although these reserves were segregated in the current data, we continue to analyze them on a combined basis to be consistent with prior analyses.

Beginning July 1, 2012, Sedgwick began coding workers' compensation medical cost containment (MCC) payments as ALAE instead of medical. Beginning with the June 30, 2013 valuation, case reserves have been restated to reflect this shift in coding. In order to account for this shift on our estimates of future development, we have adjusted our development projections, based on the assumption that MCC develops according to medical loss development patterns, the ratio of MCC to medical loss is 10%, and the ratio of MCC to non-MCC ALAE is 35%. These ratios were selected in previous studies for the Authority and have not changed. Exhibits PWCP-19 and PWCP-20 show the estimation of the development pattern adjustments. We note that there is no expected increase or decrease in our estimates of future development had this shift not occurred, since this is a change in how certain types of payments are recorded. However, a change in payment coding of this nature disrupts the consistency of historical patterns by component and increases the uncertainty and variability inherent in our actuarial estimates.

The DWC made major changes to evaluation and management (E&M) billing which is effective March 1, 2021, and to the Medical-Legal Fee Schedule (ML) effective April 1, 2021. The Workers' Compensation Insurance Rating Bureau (WCIRB) estimated the cost impact of the E&M changes and ML changes would be an increase of 1.6% and 3.2%, respectively, in overall medical costs. Since these changes apply to open and unreported claims, we have applied the combined 4.8% to our initial Medical reserve estimates for the fee schedule change provision. The ML change should not impact open claims that are settled, but the portion of settled open claims is not available in the loss runs, so we used the full 3.2%. We do not believe this adds a material amount of reserves to the total unpaid as of June 30, 2024.

Statewide trend factors were derived from information provided by the WCIRB. These factors adjust losses to the average benefit level in effect during the year ending June 30, 2024. Based on the 2023/2024-level indications, a selection is made which is then adjusted to each year's cost levels by dividing out the trend and benefit factors.

Based on indicated frequencies and severities adjusted for WCIRB trends, as well as medical and ALAE losses adjusted for the shift in MCC coding and last year's selected rates, we selected the following residual trends:

TABLE 7: SELECTED PWCP RESIDUAL TRENDS IN ADDITION TO WCIRB STATEWIDE TRENDS

CLAIM PARAMETER	CURRENT STUDY	PRIOR STUDY
FREQUENCY	1.5%	0.5%
SEVERITY		
INDEMNITY (INCLUDING SECTION 4850)	4.0%	4.0%
MEDICAL	0.0%	2.0%
ALAE	0.0%	0.0%

The estimated ultimate amounts are shown in Exhibit PWCP-21. Calculation of the Program Claim Reserve is set forth in Exhibit PWCP-27. The reserve was reduced for the estimated excess recoveries, which were based on the reported experience and the assumed claim size distribution. For each year, we relied on the larger of the: (i) reported recoverable case reserve; and (ii) recoverable amount implied by the claim size distribution.

The excess percentages were derived using reported incurred loss amounts evaluated as of June 30, 2024 developed to ultimate and trended based on our selected ultimate loss & ALAE and trend factors. The resulting excess percentages were higher than our prior study.

Since July 1, 2009, the salary continuation piece of Section 4850 benefits are not the ultimate responsibility of the Program and are therefore also excluded from our final, estimated Program liabilities. Such benefit payments and recoveries apply for accident years 2008/2009 and prior. In subsequent accident years, payments are not made by the Program; however, since these payments are in our current and historical data, we include a credit to the liabilities for accident years 2009/2010 and subsequent as well.

Exhibit PWCP-23 shows the derivation of the estimated Section 4850 salary continuation recoverables. The developed average [Column (3)] is equal to the cumulative salary continuation payments through June 30, 2024 times the selected development factors to ultimate. To supplement the paid Section 4850 developed average estimate, we also reviewed the historical ratio of Section 4850 losses to indemnity (including Section 4850) amounts. As shown in Column (5), we selected a ratio of 12.0% based on the Program's experience. The projected Section 4850 ultimate amount for each year was estimated as the product of the corresponding indemnity (including Section 4850) selected ultimate amount and the selected ratio. Final selections were based on this method and the paid development method. The estimated Section

4850 salary continuation recoverable is the difference between the selected ultimate amount and the payments made to date.

Our methodology for estimating funding and contingency margins is similar to that of the PLP. The following table shows the indicated probability levels of the PWCP claim reserve.

TABLE 8: PWCP PROBABILITY LEVEL FACTORS

	55%	60%	65%	70%	75%	80%	85%	90%	95%
CURRENT	1.009	1.038	1.067	1.100	1.136	1.176	1.225	1.288	1.389
PRIOR	1.008	1.035	1.063	1.095	1.130	1.168	1.214	1.274	1.372

These assumptions and parameters were based on the historical statistical fluctuations, which may understate the total uncertainty. For example, there may be additional variability as a result of model selection errors or unanticipated systemic changes. Accordingly, it should be understood that the actual experience fluctuations may be greater than anticipated and that the probabilities of underfunding the 55% through 95% probability levels may be larger than indicated above.

LOSS DEVELOPMENT RESERVE METHODOLOGY COMMENTS

Exhibits 7 and 8 show the calculation of the LDR for the PLP and PWCP, respectively. It is the difference between the discounted retained net total reserve and the gross case reserves for loss and ALAE.

As requested, we also allocated the development reserve by accident year and loss layer, for use in the retrospective deposit computation (see Exhibits 7 and 8). The distribution of case incurred losses as of June 30, 2024 was used to segregate the total reserves.

The PLP program is split between the Police and General Government losses. The selected distributions for loss type were estimated based on the Program's case incurred loss history, and is shown on Exhibit PLP-27, Page 7.

Similarly, the PWCP program is split between Public Safety and General Government losses. The distributions were estimated based on the Program's case incurred loss history, and is shown

on Exhibit PWCP-30, Page 7. We currently estimate Public Safety to be 55% of the losses which is two points lower than last year's analysis.

We have also allocated the PLP development reserve into coverage subgroups, as shown on Exhibit 9. This allocation is based on loss experience as of June 30, 2024.

ELP METHODOLOGY COMMENTS

The ELP's gross loss and ALAE, excess insurance, and other recoverables are analyzed using the same methodology as the PLP. Once estimated, the gross loss and ALAE is allocated to individual members based on the distribution of payroll, payments, and case reserves as shown on Exhibit ELP-15 and ELP-16. Using this allocation, the amount of loss and ALAE retained by each individual member is estimated based on expected retained-to-gross ratios from the PLP severity model, and is shown on Exhibit ELP-17.

Exhibit ELP-19 shows the projection of the ULAE. We note that we are using the same selection as the PLP, rather than the higher rates indicated by the data. We understand that calendar year paid ULAE is allocated between PLP and ELP based on calendar year payroll. This is likely overstating the ULAE ratio for the ELP, since there are only a few years in the program so calendar year paid loss and ALAE is lower than a mature program would have. We therefore did not rely on the seven years of indications shown.

The unpaid amounts in the member retained layer (MRL) are subtracted from the ELP's reserve, along with other recovery types, as shown on Exhibit ELP-20.

EWCP METHODOLOGY COMMENTS

The EWCP's gross loss and ALAE, excess insurance, and other recoverables is analyzed using the same methodology as the PWCP. Once estimated, the gross loss and ALAE is allocated to individual members based on the distribution of payroll, payments, and case reserves as shown on Exhibit EWCP-15 and EWCP-16. Using this allocation, the amount of member retained loss and ALAE is estimated based on expected retained-to-gross ratios from the PWCP severity model, and is shown on Exhibit EWCP-17.

Exhibit EWCP-19 shows the projection of the ULAE. We are using a selection that is higher than the PWCP, but still lower than indicated by the data. The same ULAE discussion about Exhibit ELP-19 applies to Exhibit EWCP-19.

The unpaid amounts in the MRL are subtracted from the EWCP's reserve, along with other recovery types, as shown on Exhibit EWCP-20.

LIMITATIONS

DATA RELIANCE

In performing our analysis, we have relied on the data and other information provided by the Authority. We also relied on external information from various sources. We have not audited, verified, or reviewed this data and information for reasonableness and consistency. Such a review was beyond the scope of our assignment. If the underlying data or information is incomplete or inaccurate, the results of the analysis may likewise be incomplete or inaccurate and adjustments to our findings and conclusions may be required. In that event, the results of our analysis may not be suitable for the intended purpose.

The data provided for this study included individual claim listings evaluated as of June 30, 2024. For the liability programs, this data included the file number; loss, report, and close dates; and paid, case reserve, and recovery amounts, separately for loss and ALAE. We were directed by the Authority to conduct our analysis on a gross basis with respect to excess insurance and recoveries.

Similar data was provided for workers' compensation, but the paid and case reserve amounts were separated into indemnity (excluding Section 4850 benefits), Section 4850 benefits, Section 4850 salary continuation benefits, medical, and ALAE. We continued to combine indemnity and Section 4850 benefits in this study, for consistency with the indemnity case reserves prior to the June 30, 2002 valuation, which included Section 4850 benefits. The workers' compensation claim amounts were analyzed gross of all recoveries.

The exposure data provided for this study consisted of payroll by coverage. The general liability payroll included member employees, volunteers, but excluded the Authority's staff and protected contracts. The workers' compensation payroll included member employees, volunteers, and the Authority's staff, but excluded protected contracts. Further, the latest year of payroll provided, calendar year 2022, is a projection by the Authority. As requested by the Authority, we applied a 2% growth rate to Calendar Year 2022 payroll to estimate Calendar Year 2023 payroll. Calendar year 2024 through 2029 payroll was projected assuming no changes from the Calendar Year 2023 estimate for any individual member. The payroll assumptions were provided to us by the Authority. Any difference between these projections and the actual exposures would directly affect our reserve and funding estimates.

VARIABILITY OF RESULTS

The estimates presented in this report are based on the available data and information. It is important to realize that variation from these estimates, or any actuarial estimate of future costs, is not only possible but probable. The inherent variability may result in actual costs being either above or below the estimates set forth herein. The variability in the PCR is greater than usual, due to the nature of California municipal liability, among other factors. This uncertainty is increased even further for the ELP and EWCP due to the excess nature of those coverages.

We have based our conclusions on past developments in the Program's experience. However, future claim costs could be affected by unanticipated changes in the legal system or economic environment, among other factors. Even if there are no unanticipated changes, there is an inherent fluctuation in the amount of actual claims around the expected amount. This variability arises from the random nature of the claims process.

The scope of both liability and workers' compensation coverage has been expanded over time in California. The estimates set forth in this report do not reflect the impact of any future coverage expansions.

Our estimates make no provision for extraordinary future emergence of new classes of losses or types of losses not sufficiently represented in the Authority's historical databases or that are not yet quantifiable.

There is substantial uncertainty regarding the full impacts of COVID-19 on the claims incurred as of June 30, 2024. The pandemic may have, for example, affected the availability and timeliness of medical treatment, which may have affected the length of the recovery period, the ultimate cost of treatment, and the timing of payments for workplace and other injuries. In addition, the presence of COVID-19 may have influenced claim filing and claim settlement behavior in ways we may not fully appreciate. It is important to recognize that actual losses may emerge significantly higher or lower than the estimates in this analysis.

The global economy experienced a dramatic increase in inflation during 2021 and 2022, which continued into 2023 but has since shown signs of subsiding. It is unknown whether this a short-term shift or whether this will be sustained for years into the future and the impact on the claims

experience through June 30, 2024 is as of yet unclear. Loss trend rates tend to be positively correlated with inflation and the ultimate cost of claims are affected by the cost levels from the time claims occur through the time claim payments are made, which may be years in the future. The uncertainty with respect to future inflation levels and claim cost levels thus increases the uncertainty of the carried loss and loss adjustment expense.

California workers' compensation receives a tremendous amount of attention from the state's politicians, insurers, employers, and providers, as well as the general public. There have been a number of legislative reforms, judicial rulings, and social phenomena affecting benefit levels, medical utilization, vocational rehabilitation, presumption of the treating physician, and apportionment, among other areas.

Other factors contributing to the variability include:

- 1. Any changes in third party administrators and, correspondingly, any significant changes in case reserve adequacy,
- 2. Actual exposures may differ from projected historical and future years exposures,
- 3. Random statistical fluctuations in the loss experience,
- 4. Any changes in future claims reporting and payment patterns,
- 5. Any changes in IBNR emergence trends,
- 6. The occurrence of catastrophic accidents,
- 7. Losses not provided excess coverage protection,
- 8. Social attitudes regarding the purpose of workers' compensation coverage, particularly as a source of entitlement, which can create additional pressure in terms of frequency and severity, and
- 9. Litigation trends.

The estimates discussed in this report reflect our professional judgment. However, given the factors discussed above, substantial variance of actual results from our projections is not unexpected.

RANGE OF VALUES

Our results should be considered point estimates within a wide range of possible outcomes. Where our results are presented in ranges, it is possible that actual results will fall outside of these ranges.

PARAMETER VS. PROCESS RISKS

The probability levels included in this report attempt to measure some of the variability inherent in our projections and were obtained from a statistical model. It should be appreciated that the probability levels themselves are subject to variability, and that the mathematical model does not fully account for all sources of variability such as parameter risk or variability resulting from using a model that is only an approximation of the true underlying process. The latter sources of risk are unquantifiable.

Variations from the expected value indications stem from two sources:

- 1. **Random nature of claims**. We attempted to provide for the effects of random claim variation through the use of probability level factors. The resulting probability level estimates contain a provision for adverse development due to this source of claim variation.
- 2. Assumption that the historical experience is indicative of the true mean of future claims. To the extent this value varies from our selections, additional uncertainty is introduced. The variation attributable to this latter source is unquantifiable.

The factors described above can impact claim frequency; however, they are more likely to affect claim severity. Therefore, the potential emergence of catastrophic or new types of claims becomes more significant when high loss retention levels are under review. As a result, we believe any evaluation of high retention levels for workers compensation and liability insurance exposures should include subjective consideration of contingent events that cannot be reasonably projected or quantified on an actuarial basis.

Probability level estimates may be used by management to estimate self-insured funding requirements. We strongly believe the establishment of funding targets should be a management decision.

MILLIMAN REPORT

SENSITIVITY ANALYSIS

The impact of the key variables in the analysis was considered. Reasonable alternative trend

factor, development factor, or selected expected frequency and severity assumptions could

change the results of this analysis materially, resulting in either greater or lesser reserve and

funding estimates depending upon the manner in which the variable is changed.

FUNDING/PROJECTED EXPOSURES

The funding indications were estimated based on projected exposure provided by the Authority.

To the extent that actual exposures differ from what has been projected, the funding estimates

should be adjusted accordingly.

LIMITATIONS ON DISTRIBUTION

Milliman's work is prepared solely for the internal business use of the Authority and is not to be

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California Joint Powers Insurance Authority

November 13, 2024

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CONCLUSION

I am a member of the American Academy of Actuaries and meet its Qualification Standards to perform the analysis contained herein.

Milliman appreciates the opportunity to once again be of service to California Joint Powers Insurance Authority. We are available to answer questions concerning this analysis.

Michael L. DeMattei, FCAS, MAAA Principal and Consulting Actuary

Milliman, Inc. November 13, 2024

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CONTACT

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California Joint Powers Insurance Authority

Exhibit 1 Page 1 of 2

Program Claim Reserve (\$Millions) As of June 30, 2024

Estimated Ultimate Loss and ALAE	\$1,842.7
Payments to Reserve Date	(1,472.6)
Indicated Loss and ALAE Reserve	\$370.0
Excess Insurance Recoverable	(60.1)
Section 4850 Recoverable and Credit	(2.9)
Other Recoverables	(5.3)
Member Retained Loss & ALAE	(62.1)
ULAE Reserve	22.9
Retained Reserve	\$262.5
Anticipated Investment Income (2.00% Interest)	(18.3)
Program Claim Reserve (Expected Level, 2.00% Interest)	\$244.2

Program Claim Reserve (\$000) As of June 30, 2024

	 Primary Liability Program	Primary WC Program	 Excess Liability Program	Excess WC Program	_	Total
Gross Estimated Ultimate Loss and ALAE	\$ 1,018,461	\$ 653,953	\$ 113,999	\$ 56,241	\$	1,842,655
Gross Payments to Reserve Date	(871,500)	(538,953)	(37,494)	(24,677)		(1,472,624)
Indicated Gross Loss and ALAE Reserve	\$ 146,961	\$ 115,000	\$ 76,505	\$ 31,564	\$	370,030
Excess Insurance Recoverable	(26,528)	(11,975)	(19,262)	(2,324)		(60,089)
Section 4850 Recoverable and Credit	N/A	(2,940)	N/A	N/A		(2,940)
Other Recoverables	(2,151)	(1,276)	(1,400)	(487)		(5,314)
Member Retained Loss & ALAE	N/A	N/A	(36,489)	(25,591)		(62,080)
ULAE Reserve	9,405	6,346	4,830	2,280		22,861
Retained Reserve	\$ 127,687	\$ 105,155	\$ 24,184	\$ 5,443	\$	262,469
Anticipated Investment Income (2.00% Interest)	\$ (5,664)	\$ (10,106)	\$ (1,654)	\$ (884)	\$	(18,308)
Program Claim Reserve (Expected Level, 2.00% Interest)	\$ 122,023	\$ 95,049	\$ 22,529	\$ 4,559	\$	244,161

Ultimate Loss and ALAE Estimates (\$000) Primary Liability and Workers Compensation Gross of Recoveries

	Actuarial Study as 01							
Accident								
Year	June 2022	June 2023	June 2024					
Prior	\$899,985	\$900,984	\$903,046					
2013	53,581	53,549	53,415					
2014	56,167	56,324	55,883					
2015	66,496	62,884	62,223					
2016	68,724	67,748	68,000					
2017	66,810	67,014	67,153					
2018	51,123	51,828	51,461					
2019	58,616	57,321	55,071					
2020	61,770	55,534	59,642					
2021	<u>68,034</u>	<u>65,774</u>	<u>69,368</u>					
2021 & Prior	\$1,451,306	\$1,438,961	\$1,445,262					
2022	<u>71,107</u>	71,921	<u>71,603</u>					
2022 & Prior	\$1,522,413	\$1,510,882	\$1,516,865					
2023		<u>73,631</u>	77,000					
2023 & Prior		\$1,584,513	\$1,593,865					
2024			<u>78,550</u>					
2024 & Prior			\$1,672,415					

Ultimate Loss and ALAE Estimates (\$000) Primary Liability Gross of Recoveries

	Actuarial Study as of						
Accident Year	June 2022	June 2023	June 2024				
-							
Prior	\$ 585,801	\$ 585,437	\$ 587,019				
2013	25,367	25,276	25,061				
2014	36,808	36,624	36,277				
2015	35,997	35,445	35,076				
2016	48,716	47,401	47,425				
2017	33,550	33,478	33,571				
2018	27,474	27,340	26,870				
2019	26,517	24,835	24,339				
2020	34,644	30,172	34,586				
2021	<u>36,637</u>	<u>36,430</u>	<u>40,654</u>				
2021 & Prior	\$891,511	\$882,438	\$890,878				
2022	<u>39,429</u>	<u>38,998</u>	<u>38,448</u>				
2022 & Prior	\$930,941	\$921,436	\$929,326				
2023		40,951	44,268				
2023 & Prior		\$962,388	\$973,594				
2024			44,868				
2024 & Prior			\$1,018,461				

Ultimate Loss and ALAE Estimates (\$000) Primary Workers Compensation Gross of Recoveries

		Actualial Study as of	
Accident			
Year	June 2022	June 2023	June 2024
Duinn	Ф 244.404	Ф 245 547	Ф 240.00 7
Prior	\$ 314,184	\$ 315,547	\$ 316,027
2013	28,214	28,273	28,354
2014	19,360	19,700	19,606
2015	30,498	27,439	27,147
2016	20,007	20,347	20,575
2017	33,261	33,537	33,583
2018	23,649	24,488	24,591
2019	32,099	32,486	30,732
2020	27,126	25,362	25,056
2021	<u>31,397</u>	<u>29,344</u>	<u>28,714</u>
2021 & Prior	\$559,795	\$556,523	\$554,384
2022	<u>31,677</u>	32,923	<u>33,155</u>
2022 & Prior	\$591,473	\$589,446	\$587,539
2023		32,680	32,732
2023 & Prior		\$622,126	\$620,271
2024			33,682
2024 & Prior			\$653,953

Ultimate Loss and ALAE Estimates (\$000) Primary Liability and Workers Compensation Net of Recoveries

	Actualial Study as of					
Accident	•					
Year	June 2022	June 2023	June 2024			
Prior	\$828,743	\$828,301	\$831,110			
2013	50,092	50,051	49,724			
2014	54,334	54,482	54,103			
2015	60,500	59,832	58,735			
2016	50,965	50,385	50,200			
2017	55,007	54,733	55,753			
2018	47,424	47,898	48,191			
2019	54,318	52,289	51,415			
2020	53,953	50,178	54,064			
2021	<u>57,918</u>	<u>57,247</u>	<u>58,010</u>			
2021 & Prior	\$1,313,254	\$1,305,395	\$1,311,305			
2022	<u>59,437</u>	62,294	61,739			
2022 & Prior	\$1,372,690	\$1,367,689	\$1,373,044			
2023		<u>63,226</u>	67,221			
2023 & Prior		\$1,430,916	\$1,440,265			
2024			66,338			
2024 & Prior			\$1,506,603			

California Joint Powers Insurance Authority

Ultimate Loss and ALAE Estimates (\$000) Primary Liability Net of Recoveries

		Actualial Study as of	
Accident			
Year	June 2022	June 2023	June 2024
Prior	\$ 545,554	\$ 545,278	\$ 546,309
2013	24,130	24,058	23,870
2014	36,526	36,374	36,058
2015	34,893	34,289	33,470
2016	32,646	31,728	31,303
2017	28,777	28,173	29,124
2018	25,332	24,955	25,119
2019	24,463	23,502	23,233
2020	29,360	27,148	31,331
2021	<u>30,039</u>	<u>31,958</u>	<u>33,725</u>
2021 & Prior	\$811,722	\$807,464	\$813,543
2022	<u>31,879</u>	<u>33,274</u>	<u>32,303</u>
		****	****
2022 & Prior	\$843,601	\$840,738	\$845,846
2022		24.004	20.470
2023		<u>34,884</u>	<u>38,178</u>
2023 & Prior		\$875,622	\$884,024
2023 & 1 1101		ψ013,022	ΨΟΟ4,024
2024			<u>37,591</u>
2021			<u>01,001</u>
2024 & Prior			\$921,614
			. , ,

Ultimate Loss and ALAE Estimates (\$000) Primary Workers Compensation Net of Recoveries

	Actuarial Study as of						
Accident Year	June 2022	June 2023	June 2024				
Prior	\$ 283,189	\$ 283,024	\$ 284,801				
2013	25,962	25,993	25,854				
2014	17,808	18,107	18,044				
2015	25,607	25,543	25,264				
2016	18,318	18,657	18,897				
2017	26,230	26,560	26,629				
2018	22,092	22,942	23,072				
2019	29,855	28,787	28,182				
2020	24,592	23,030	22,734				
2021	<u>27,879</u>	<u>25,288</u>	<u>24,285</u>				
2021 & Prior	\$501,532	\$497,931	\$497,762				
2022	<u>27,558</u>	<u>29,020</u>	<u>29,436</u>				
2022 & Prior	\$529,089	\$526,951	\$527,198				
2023		<u>28,343</u>	<u>29,043</u>				
2023 & Prior		\$555,294	\$556,241				
2024			<u>28,747</u>				
2024 & Prior			\$584,989				

Change in Ultimate Loss and ALAE Estimates (\$000) Primary Liability Net of Recoveries

	Actuarial		Percent		
Accident		_	Change	Change	
Year	June 2023	June 2024	(2) - (1)	(3) / (1)	
	(1)	(2)	(3)	(4)	
Prior	\$ 436,694	\$ 436,724	\$ 31	0.0%	
2009	26,182	25,971	(211)	(0.8%)	
2010	17,999	17,963	(35)	(0.2%)	
2011	36,562	37,949	1,387	3.8%	
2012	27,842	27,702	(140)	(0.5%)	
2013	24,058	23,870	(188)	(0.8%)	
2014	36,374	36,058	(316)	(0.9%)	
2015	34,289	33,470	(819)	(2.4%)	
2016	31,728	31,303	(425)	(1.3%)	
2017	28,173	29,124	950	3.4%	
2018	24,955	25,119	164	0.7%	
2019	23,502	23,233	(268)	(1.1%)	
2020	27,148	31,331	4,183	15.4%	
2021	31,958	33,725	1,767	5.5%	
2022	33,274	32,303	(971)	(2.9%)	
2023	34,884	38,178	3,294	9.4%	
Total	\$ 875,622	\$ 884,024	\$ 8,402	1.0%	

- 1. Accident years end 6/30.
- 2. Column (1) is from Milliman's prior report dated 10/23/23.

Change in Ultimate Loss and ALAE Estimates (\$000) Primary Workers Compensation Net of Recoveries

Excluding AY 2020-22 COVID-19 Claims

	Actuarial S	Study as of		Percent
Accident			Change	Change
Year	June 2023	June 2024	(2) - (1)	(3) / (1)
	(1)	(2)	(3)	(4)
Prior	\$ 203,346	\$ 205,045	\$ 1,699	0.8%
2009	16,387	16,552	165	1.0%
2010	20,751	20,600	(150)	(0.7%)
2011	17,856	17,759	(97)	(0.5%)
2012	24,684	24,845	161	0.7%
2013	25,993	25,854	(139)	(0.5%)
2014	18,107	18,044	(63)	(0.3%)
2015	25,543	25,264	(278)	(1.1%)
2016	18,657	18,897	240	1.3%
2017	26,560	26,629	70	0.3%
2018	22,942	23,072	130	0.6%
2019	28,787	28,182	(606)	(2.1%)
2020	22,269	21,972	(297)	(1.3%)
2021	23,942	22,764	(1,178)	(4.9%)
2022	28,137	28,403	266	0.9%
2023	28,343	29,043	701_	2.5%
Total	\$ 552,303	\$ 552,927	\$ 623	0.1%

AY 2020-22 COVID-19 Claims

		Actuarial Study as of					Percent	
Accident					Ch	nange	Change	
Year	Jur	ne 2023	Jur	ne 2024	(6) - (5)		(7) / (5)	
		(5)		(6)		(7)	(8)	
2020	\$	761	\$	762	\$	1	0.1%	
2021		1,346		1,521		174	13.0%	
2022		884		1,032		149_	16.8%	
Total	\$	2,991	\$	3,315	\$	324	10.8%	

- 1. Accident years end 6/30.
- 2. Column (1) is from Milliman's prior report dated 10/23/23.

Change in Ultimate Loss and ALAE Estimates (\$000) Excess Liability Net of Recoveries

		Actuarial Study as of					Percent	
Accident Year	June 2023 June 2024				hange 2) - (1)	Change (3) / (1)		
	(1)			(2)		(3)	(4)	
2017	\$	677	\$	769	\$	92	13.6%	
2018		59		246		187	316.8%	
2019		339		205		(134)	(39.5%)	
2020		3,160		4,831		1,671	52.9%	
2021		2,955		3,932		977	33.1%	
2022		4,802		6,669		1,867	38.9%	
2023		5,343		6,346		1,003	18.8%	
Total	\$	17,335	\$	22,999	\$	5,663	32.7%	

- 1. Accident years end 6/30.
- 2. Column (1) is from Milliman's prior report dated 10/23/23.

Change in Ultimate Loss and ALAE Estimates (\$000) Excess Workers Compensation Net of Recoveries

Excluding AY 2020-22 COVID-19 Claims

		Actuarial S	Study as o	f			Percent
Accident				_	Ch	nange	Change
Year	June	e 2023	Jun	e 2024	(2)) - (1)	(3) / (1)
		(1)		(2)		(3)	(4)
2018	\$	7	\$	6	\$	(1)	(19.2%)
2019		56		85		30	53.5%
2020		20		(5)		(25)	(123.5%)
2021		42		270		229	550.9%
2022		512		412		(99)	(19.4%)
2023		804		642		(162)	(20.2%)
Total	\$	1,440	\$	1,411	\$	(29)	(2.0%)
			A	Y 2020-22 CC	VID-19 C	laims	
		Actuarial S	Study as o	<u>f</u>			Percent
Accident					Ch	nange	Change
Year		e 2023	Jun	e 2024) - (5)	(7) / (5)
	((5)		(6)		(7)	(8)
2020	\$	-	\$	37	\$	37	
2021		-		728		728	
2022				<u>-</u>		<u>-</u>	
Total	\$	_	\$	765	\$	765	100.0%

- 1. Accident years end 6/30.
- 2. Column (1) is from Milliman's prior report dated 10/23/23.

Program Claim Reserve Reconciliation (\$000) June 30, 2023 to June 30, 2024

	Primary Liability Program	Primary WC Program	Excess Liability Program	Excess WC Program	Total
Program Claim Reserve as of June 30, 2023 [Based on Actuarial Study as of June 30, 2023]	\$111,514	\$96,098	\$17,798	\$2,529	\$227,939
Ultimate Loss and ALAE in Fiscal Year 2024					
Accident Year 2024	\$36,146	\$27,255	\$6,737	\$1,290	\$71,427
Change In Ultimates - Prior Accident Years	7,923	741	5,745	564	14,972
Total	\$44,069	\$27,996	\$12,482	\$1,853	\$86,399
Fiscal Year 2024 Loss and ALAE Payments					
Accident Year 2024	(\$1,665)	(\$3,695)	\$0	(\$97)	(\$5,458)
Prior Accident Years	(32,840)	(25,104)	(9,140)	(285)	(67,369)
Total	(\$34,505)	(\$28,799)	(\$9,140)	(\$383)	(\$72,827)
Amortization of Discount	\$1,420	\$1,179	\$238	\$25	\$2,863
Change in Discount	(\$1,029)	(\$1,429)	(\$247)	(\$121)	(\$2,826)
Change in Discounted ULAE Reserve Estimate	\$555	\$5	\$1,398	\$655	\$2,613
Program Claim Reserve as of June 30, 2024 [Based on Actuarial Study as of June 30, 2024]	\$122,023	\$95,049	\$22,529	\$4,559	\$244,161

Self-Insured Retention Liability and Workers Compensation

Accident Year	Coverage Start	Coverage End	Standard SIR	Coverage Limit Per Occurrence	1st AAD Retained	2nd AAD Retained	Liability 3rd AAD Retained	4th AAD Retained	Quota Share Retained	Additional Retained	AAD Ceded to Carrier	Workers Compensation Coverage Limit Per Occurrence	Per Member Annual Aggregate
			Otanidara on t	1 01 00001101100						Ttotamou	10 0411101		7 iiii dai 7 iggregate
multiple	Inception	6/30/1986 *	\$250,000	\$10,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Note 4	Note 5
multiple	7/1/1986	6/30/1997				The Authority Fully Sel	f-Insured its Liability Ex	posures During this Ti	me Period			\$500,000	Note 5
multiple	7/1/1997	6/30/2002	5,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500,000	50,000,000
2003	7/1/2002	6/30/2003	5,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2004	7/1/2003	6/30/2004	15,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2005	7/1/2004	6/30/2005	15,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2006	7/1/2005	6/30/2006	10,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2007	7/1/2006	6/30/2007	10,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	\$5M xs \$18M and \$5M xs \$45M	N/A	2,000,000	50,000,000
2008	7/1/2007	6/30/2008	5,000,000	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2009	7/1/2008	6/30/2009	2,000,000	50,000,000	\$3M AAD in \$8M xs \$2M layer	N/A	N/A	N/A	40% of \$8M xs \$2M layer	N/A	N/A	2,000,000	50,000,000
2010	7/1/2009	6/30/2010	5,000,000	50,000,000	\$2.5M AAD in \$5M xs \$5M layer	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2011	7/1/2010	6/30/2011	5,000,000	50,000,000	\$2.5M AAD in \$5M xs \$5M layer	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2012	7/1/2011	6/30/2012	5,000,000	50,000,000	\$2.5M AAD in \$5M xs \$5M layer	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2013	7/1/2012	6/30/2013	5,000,000	50,000,000	N/A	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	\$2.5M AAD in \$5M xs \$5M layer	2,000,000	50,000,000
2014	7/1/2013	6/30/2014	5,000,000	50,000,000	N/A	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	\$2.5M AAD in \$5M xs \$5M layer	2,000,000	50,000,000
2015	7/1/2014	6/30/2015	2,000,000	50,000,000	50% of \$2.5M AAD in \$3M xs \$2M layer	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	50% of \$3M xs \$2M layer	N/A	\$2.5M AAD in \$5M xs \$5M layer	2,000,000	50,000,000
2016	7/1/2015	6/30/2016	2,000,000	50,000,000	\$2.5M AAD in \$3M xs \$2M layer	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	\$2.5M AAD in \$5M xs \$5M layer	2,000,000	50,000,000
2017	7/1/2016	6/30/2017	2,000,000	50,000,000	\$2.5M AAD in \$3M xs \$2M layer	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	\$2.5M AAD in \$5M xs \$5M layer	2,000,000	50,000,000
2018	7/1/2017	6/30/2018	500,000	50,000,000 *		\$2.5M AAD in \$3M xs \$2M layer	\$2.5M AAD in \$5M xs \$5M layer	\$3M AAD in \$5M xs \$10M layer	50% of \$1.5M xs \$500K layer	N/A	N/A	2,000,000	50,000,000
2019	7/1/2018	6/30/2019	5,000,000	50,000,000 *	\$1M AAD in \$5M xs \$5M layer	\$3M AAD in \$10M xs \$10M layer	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2020	+ 7/1/2019	6/30/2020	5,000,000	50,000,000 *	n/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2021	+ 7/1/2020	6/30/2021	5,000,000	50,000,000 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2022	+ 7/1/2021	6/30/2022	5,000,000	50,000,000 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2023	+ 7/1/2022	6/30/2023	6,000,000	50,000,000 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2024	+ 7/1/2023	6/30/2024	6,000,000	45,000,000 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000
2025	+ 7/1/2024	6/30/2025	6,000,000	50,000,000 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,000,000	50,000,000

Notes:

- 1. Allocated loss adjustment expense is included within the self-insured retention.
- 2. Special liability became a part of the Authority's Memorandum of Coverage effective July 1, 1994.
- 3. (*) Several annual aggregate limits apply to this period for Liability exposures, but are not listed.
- 4. The Authority had multiple Workers Compensation SIRs in this period, all less than \$500,000.
- The per member annual aggregate was unlimited from 7/1/1986 to 6/30/1994. Various per member annual aggregates applied prior to 7/1/1986.
 The per member annual aggregate was \$25M from 7/1/1994 to 6/30/1997.
- 6. Separate Liability retentions apply to earth movement claims in some periods.
- 7. Liability quota shares of excess layers apply subsequent to any aggregate deductibles retained by CJPIA.
- 8. (**) Excess Liability Program members have \$40M coverage limit.
- 9. (+) Excludes portion of layer retained by Sequoia Pacific, which is shown on page 2.

Exhibit 4 Page 1 of 2

California Joint Powers Insurance Authority

Sequoia Pacific Reinsurance Company Retention Liability and Workers Compensation

					1	Liability				Workers Compensation
Accident	Coverage	Coverage	1st AAD	2nd AAD	3rd AAD	4th AAD	Quota Share	Additional	AAD Ceded	1st AAD
Year	Start	End	Retained	Retained	Retained	Retained	Retained	Retained	to Carrier	Retained
			\$5M Agg in \$2M xs \$3M	\$1M AAD in \$5M xs	\$3M AAD in \$10M xs \$10M					\$3M Agg in \$1M xs \$1M
2020	7/1/2019	6/30/2020	layer	\$5M layer	layer	N/A	N/A	N/A	N/A	layer
			\$5M Agg in \$2M xs \$3M	\$2M AAD in \$5M xs	20% of \$5M xs \$5M above	\$3M AAD in \$10M xs \$10M				\$3M Agg in \$1M xs \$1M
2021	7/1/2020	6/30/2021	layer	\$5M layer	Layer 2, \$2M Agg	layer	N/A	N/A	N/A	layer
			\$5M Agg in \$2M xs \$3M	\$2M AAD in \$5M xs	\$3M AAD in \$10M xs \$10M	30% of \$10M xs \$10M above				\$3M Agg in \$1M xs \$1M
2022	7/1/2021	6/30/2022	layer	\$5M layer	layer	Layer 3, \$2M Agg	N/A	N/A	N/A	layer
2023	7/1/2022	6/30/2023	\$9M Agg in \$3M xs \$3M layer	\$3M AAD in \$10M xs \$10M layer	25% of \$10M xs \$10M above Layer 2, \$7.5M Agg	10% of \$10M xs \$20M above \$10M xs \$20M with \$2M AAD, \$3M Agg	N/A	N/A	N/A	\$3M Agg in \$1M xs \$1M layer
2024	7/1/2023	6/30/2024	\$9M Agg in \$3M xs \$3M layer	\$3M AAD in \$10M xs \$10M layer	N/A	N/A	N/A	N/A	N/A	\$3M Agg in \$1M xs \$1M layer
2025	7/1/2024	6/30/2025	\$12M Agg in \$3M xs \$3M layer	\$3M AAD in \$5M xs \$10M layer	N/A	N/A	N/A	N/A	N/A	\$3M Agg in \$1M xs \$1M layer

^{1.} Allocated loss adjustment expense is included within the self-insured retention.

Estimated Total Calendar Year Payouts (\$000) Primary Liability and Workers Compensation As of June 30, 2024

Accident	Gross Loss & ALAE Payments in Fiscal Year Ending									
Year	6/30/2025	6/30/2026	6/30/2027	6/30/2028	6/30/2029					
Prior	\$517	\$517	\$517	\$517	\$517					
2009	64	64	64	64	64					
2010	514	221	221	221	221					
2011	193	191	127	127	127					
2012	405	283	260	112	112					
2013	516	374	263	249	107					
2014	421	372	189	129	111					
2015	654	552	471	297	207					
2016	630	591	485	421	243					
2017	1,178	908	840	661	586					
2018	1,474	966	715	668	541					
2019	2,784	1,823	1,252	896	843					
2020	5,415	4,321	2,774	1,542	1,290					
2021	8,358	4,225	3,331	2,154	1,300					
2022	14,092	7,833	4,107	3,193	2,082					
2023	18,105	14,374	7,915	4,115	3,209					
2024	16,063	17,988	14,117	7,906	4,173					
2025	7,955	15,507	17,471	13,738	7,672					
2026		8,132	15,867	17,961	14,144					
2027			8,316	16,242	18,471					
2028				8,509	16,634					
2029					8,711					
Total	\$79,338	\$79,243	\$79,303	\$79,721	\$81,366					

Note:

1. Future accident years assume no changes from the current membership.

Estimated Total Calendar Year Payouts (\$000) **Primary Liability** As of June 30, 2024

Accident Gross Loss & ALAE Payments in Fiscal Year Ending										
Year	6/30/2025	6/30/2026	6/30/2027	6/30/2028	6/30/2029					
Prior	\$27	\$27	\$27	\$27	\$27					
2009	2	2	2	2	2					
2010	0	0	0	0	0					
2011	79	79	79	79	79					
2012	34	18	0	0	0					
2013	125	19	10	0	0					
2014	200	197	30	16	0					
2015	267	175	173	26	14					
2016	324	285	187	184	28					
2017	571	564	496	326	320					
2018	885	398	393	346	227					
2019	1,558	984	443	437	384					
2020	4,251	3,485	2,202	990	977					
2021	6,360	2,913	2,389	1,509	678					
2022	10,717	5,218	2,390	1,960	1,238					
2023	12,985	11,191	5,448	2,496	2,046					
2024	7,579	12,221	10,532	5,128	2,349					
2025	3,483	7,429	11,980	10,324	5,027					
2026		3,607	7,692	12,404	10,690					
2027			3,735	7,966	12,845					
2028				3,869	8,250					
2029					4,007					
Total	\$49,449	\$48,814	\$48,208	\$48,088	\$49,189					

Note:

1. Future accident years assume no changes from the current membership.

Estimated Total Calendar Year Payouts (\$000) Primary Workers Compensation As of June 30, 2024

Accident Gross Loss & ALAE Payments in Fiscal Year Ending									
Year	6/30/2025	6/30/2026	6/30/2027	6/30/2028	6/30/2029				
Prior	\$490	\$490	\$490	\$490	\$490				
2009	61	61	61	61	61				
2010	514	221	221	221	221				
2011	114	112	48	48	48				
2012	371	264	260	112	112				
2013	392	355	253	249	107				
2014	221	175	159	113	111				
2015	387	377	299	271	193				
2016	306	306	298	236	215				
2017	607	344	344	335	266				
2018	589	569	322	322	314				
2019	1,226	839	810	459	459				
2020	1,164	836	572	552	313				
2021	1,997	1,311	942	644	622				
2022	3,375	2,615	1,717	1,233	844				
2023	5,120	3,183	2,466	1,619	1,163				
2024	8,484	5,767	3,585	2,778	1,824				
2025	4,471	8,078	5,492	3,414	2,645				
2026		4,525	8,174	5,557	3,454				
2027			4,581	8,276	5,626				
2028				4,641	8,384				
2029					4,704				
Total	\$29,889	\$30,429	\$31,095	\$31,633	\$32,176				

Note:

1. Future accident years assume no changes from the current membership.

Probability Levels As of June 30, 2024

Program	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%
PLP	1.000	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336
PWCP	1.000	1.009	1.038	1.067	1.100	1.136	1.176	1.225	1.288	1.389
ELP - CJPIA Retained Reserves *	1.000	1.014	1.052	1.090	1.132	1.178	1.233	1.292	1.371	1.495
ELP - \$250,000 MRL **	1.000	1.010	1.023	1.037	1.053	1.069	1.087	1.110	1.137	1.180
ELP - \$500,000 MRL **	1.000	1.011	1.025	1.040	1.057	1.075	1.095	1.118	1.147	1.195
ELP - \$750,000 MRL **	1.000	1.011	1.026	1.042	1.061	1.079	1.101	1.124	1.156	1.207
ELP - \$1,000,000 MRL **	1.000	1.012	1.027	1.045	1.063	1.082	1.104	1.130	1.165	1.215
EWCP - CJPIA Retained Reserves *	1.000	1.013	1.056	1.107	1.159	1.216	1.282	1.363	1.465	1.623
EWCP - \$150,000 MRL **	1.000	1.012	1.041	1.066	1.095	1.123	1.160	1.201	1.258	1.350
EWCP - \$250,000 MRL **	1.000	1.014	1.039	1.069	1.095	1.124	1.161	1.204	1.260	1.355
EWCP - \$500,000 MRL **	1.000	1.013	1.041	1.068	1.097	1.129	1.164	1.208	1.266	1.363
EWCP - \$1,000,000 MRL **	1.000	1.015	1.041	1.068	1.098	1.131	1.167	1.216	1.274	1.366

^{1. (*)} Applies to loss and LAE retained by the Program.

^{2. (**)} Applies to loss and LAE retained by CJPIA member.

Calculation of General Liability Loss Development Reserve (\$000) As of June 30, 2024

	Gross Loss & ALAE	Discounted					Loss Develo	pment Reserve					
Accident Year	Case Reserves (Data) (1)	Loss & LAE Reserve (Ex. PLP-25) (2)	Expected Value (Note 3)	55% PL (Note 3) (4)	60% PL (Note 3) (5)	65% PL (Note 3) (6)	70% PL (Note 3) (7)	75% PL (Note 3) (8)	80% PL (Note 3) (9)	85% PL (Note 3) (10)	90% PL (Note 3) (11)	95% PL (Note 3) (12)	
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1985	_	_	_	_	· -	_	_	_	_	_	_	_	
1986	_	_	-	_	-	_	-	-	-	-	_	-	
1987	_	_	-	_	-	_	-	-	-	-	_	-	
1988	-	-	-	-	-	-	-	-	-	-	-	_	
1989	-	-	-	-	-	-	_	-	-	-	-	_	
1990	-	-	-	-	-	-	_	-	-	-	-	_	
1991	-	-	-	-	-	-	-	-	-	-	-	-	
1992	-	-	-	-	-	-	_	-	-	-	-	_	
1993	-	-	-	-	-	-	-	-	-	-	-	-	
1994	-	-	-	-	-	-	-	-	-	-	-	-	
1995	-	-	-	-	-	-	-	-	-	-	-	-	
1996	-	-	-	-	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	-	-	-	-	
1998	136	7	(129)	(129)	(129)	(129)	(128)	(128)	(128)	(128)	(127)	(127)	
1999	-	-	-	-	-	-	-	-	-	-	-	-	
2000	-	-	-	-	-	-	-	-	-	-	-	-	
2001	-	-	-	-	-	-	-	-	-	-	-	-	
2002	-	-	-	-	-	-	-	-	-	-	-	-	
2003	-	-	-	-	-	-	-	-	-	-	-	-	
2004	-	-	-	-	-	-	-	-	-	-	-	-	
2005	-	-	-	-	-	-	-	-	-	-	-	-	
2006	-	-	-	-	-	-	-	-	-	-	-	-	
2007	-	-	-	-	-	-	-	-	-	-	-	-	
2008	-	-	-	-	-	-	-	-	-	-	-	-	
2009	11	11	0	0	1	1	1	2	2	2	3	4	
2010	-	-	-	-	-	-	-	-	-	-	-	-	
2011	390	401	12	16	25	36	47	60	74	91	112	147	
2012	-	50	50	51	52	53	55	56	58	60	63	67	
2013	-	135	135	136	139	143	147	151	156	162	169	180	
2014	30	424	394	399	409	420	432	446	461	479	501	537	
2015	53	585	532	538	552	568	584	603	624	649	679	729	
2016	558	894	336	346	368	391	417	445	477	514	561	637	
2017	511	1,414	903	918	952	989	1,030	1,074	1,125	1,184	1,259	1,379	
2018	164	1,082	918	929	955	984	1,015	1,049	1,088	1,133	1,190	1,282	
2019	2,236	3,701	1,464	1,503	1,593	1,690	1,796	1,912	2,045	2,201	2,395	2,709	
2020	10,337	11,490	1,153	1,272	1,553	1,854	2,182	2,543	2,955	3,440	4,043	5,019	
2021	11,084	12,599	1,515	1,646	1,953	2,284	2,643	3,040	3,491	4,022	4,685	5,754	
2022	14,890	19,402	4,512	4,713	5,187	5,696	6,249	6,860	7,555	8,373	9,392	11,039	
2023	26,910	32,696	5,786	6,124	6,923	7,782	8,713	9,742	10,914	12,292	14,011	16,786	
2024	22,650	37,132	14,482	14,866	15,773	16,749	17,806	18,975	20,306	21,871	23,822	26,974	
Total	\$ 89,961	\$ 122,023	\$ 32,062	\$ 33,326	\$ 36,308	\$ 39,513	\$ 42,986	\$ 46,830	\$ 51,203	\$ 56,346	\$ 62,759	\$ 73,115	

- 1. Accident years end 6/30.
- 2. Prior years include accident years 1979 to 1984.
- 3. Columns (3) through (12) are equal to (2) x Probability Level Factor (1). Probability level factors are based on a Student's t-distribution and are as follows:

	Probability Level Factors												
Expected													
Value	55% PL	60% PL	65% PL	70% PL	75% PL	80% PL	85% PL	90% PL	95% PL				
1.000	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336				

California Joint Powers Insurance Authority

Calculation of Workers Compensation Loss Development Reserve (\$000) As of June 30, 2024

		Gross	Dis	counted										Loss Develop	men	nt Reserve								
Accident Year Ending	(Re	Case serves Data)	Los R	ss & LAE eserve PWCP-27)		Expected Value (Note 2)		55% PL (Note 2)		60% PL (Note 2)		65% PL (Note 2)		70% PL (Note 2)		75% PL (Note 2)		80% PL (Note 2)		85% PL (Note 2)		90% PL (Note 2)		95% PL (Note 2)
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)
Prior	\$	19	\$	(35)	\$	(54)	\$	(54)	\$	(55)	\$	(56)	\$	(58)	\$	(59)	\$	(60)	\$	(62)	\$	(64)	\$	(6
1985		-		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		
1986		6		6		(0)		0		0		0		1		1		1		1		2		
1987		11		13		2		2		2		3		3		4		4		5		6		
1988		58		58		0		1		3		4		6		8		11		13		17		
1989		-		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		
1990		-		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		
1991		27		32		5		6		6		7		8		10		11		13		15		
1992		99		99		0		1		4		7		10		14		18		23		29		
1993		-		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		
1994		68		68		0		1		3		5		7		9		12		15		20		
1995		-		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		
1996		119		119		ì		2		5		9		13		17		22		28		35		
1997		121		99		(22)		(21)		(18)		(16)		(12)		(9)		(5)		0		6		
1998		429		248		(180)		(178)		(171)		(164)		(156)		(147)		(137)		(125)		(109)		
1999		371		374		3		6		` 17 [′]		28		40		54		69		87		111		1
2000		479		442		(38)		(34)		(21)		(8)		6		23		40		62		89		1
2001		425		457		32		36		49		63		78		94		113		135		164		2
2002		335		321		(14)		(11)		(2)		8		18		30		43		59		79		1
2003		397		400		3		7		18		30		43		57		73		93		118		1
2004		331		357		26		29		39		50		61		74		89		106		128		1
2005		771		955		184		192		219		247		279		314		352		399		458		5
2006		638		642		5		10		29		48		69		92		118		149		190		2
2007		199		241		42		44		51		58		66		75		84		96		111		1
2008		765		871		106		113		138		164		192		224		259		302		356		4
2009		799		714		(85)		(79)		(58)		(37)		(14)		12		41		76		120		1
2010		3,420		829		(2,592)		(2,584)		(2,560)		(2,536)		(2,509)		(2,479)		(2,445)		(2,405)		(2,353)		(2,2
2011		806		742		(64)		(57)		(36)		(14)		10		37		67		103		150		(2,2
2012		2,277		2,178		(100)		(80)		(18)		46		117		197		284		391		527		7
2013		2,459		1,666		(793)		(778)		(730)		(682)		(627)		(566)		(499)		(418)		(314)		(1
2014		1,185		1,290		105		117		154		191		234		281		333		396		477		(
2015		2,368		2,545		177		200		273		347		431		524		626		750		909		1,1
2016		2,058		2,300		242		263		329		396		471		555		648		760		904		1,
2017		2,576		3,154		577		605		696		788		891		1,007		1,133		1,288		1,484		1,8
2018		3,014		3,486		473		504		604		705		820		948		1,087		1,258		1,475		1,8
2019		5,648		5,699		50		101		265		430		618		827		1,057		1,334		1,689		2,2
2020		4,525		4,836		311		354		493		633		793		970		1,164		1,400		1,702		2,
2020		5,673		6,465		792		850		1,035		1,223		1,436		1,672		1,104		2,248		2,651		3,
2021		9,435		12,323		2,888		2,998		3,351		3,709		4,116		4,566		5,061		5,664		6,432		3, 7,
2022		8,301		16,093		7,792		7,935		8,397		8,865		9,395		9,984		10,630		11,417		12,420		14,
2023		6,367		24,966		18,599		18,822		19,538		20,264		21,087		22,000		23,002		24,224		25,780		28,
Total	•		•		•		•		•		•		•		\$		\$		•		•		•	65,4
rotai	\$	66,578	\$	95.049	\$	28,472	\$	29,322	\$	32,048	\$	34,811	\$	37.944	ъ	41,420	ъ	45,236	\$	49,888	\$	55,812	\$	65

Notes:

^{2.} Columns (3) through (12) are equal to (2) x Probability Level Factor - (1). Probability level factors are based on a Student's t-distribution and are as follows:

	Probability Level Factors												
Expected													
Value	55% PL	60% PL	65% PL	70% PL	75% PL	80% PL	85% PL	90% PL	95% PL				
1.000	1.009	1.038	1.067	1.100	1.136	1.176	1.225	1.288	1.389				

California Joint Powers Insurance Authority

November 13, 2024

Exhibit 8

^{1.} Accident years end 6/30.

General Liability Retained Reserve Allocation (\$000) As of June 30, 2024

Retained Paid Loss & ALAE					Retained Loss & ALAE Case Reserves (*)							Open Occurrences							
					Public						Public						Public		
			En	nployment	Officers	All Other		Е	mployment		Officers		All Other		Em	ployment	Officers		All Other
Accident		Auto	P	ractices	E&O	General	Auto		Practices		E&O		General	Auto	Р	ractices	E&O		General
Year		(Data)		(Data)	 (Data)	(Data)	 (Data)		(Data)		(Data)		(Data)	(Data)		(Data)	(Data)		(Data)
		(1)		(2)	(3)	(4)	(5)		(6)		(7)		(8)	(9)		(10)	(11)		(12)
Prior	\$	131,796	\$	26,520	\$ 6,110	\$ 272,299	\$ -	\$	-	\$	-	\$	-	-		-		-	1
2009		3,589		6,198	678	15,494	-		11		-		-	-		1		-	-
2010		2,494		3,710	868	10,890	-		-		-		-	-		-		-	-
2011		3,050		3,873	403	30,236	-		-		-		-	-		-		-	1
2012		11,095		7,557	116	8,882	-		-		-		-	-		-		-	-
2013		8,794		3,160	33	11,746	-		-		-		-	-		-		-	-
2014		11,272		7,765	70	16,539	-		-		-		30	-		-		-	1
2015		6,829		6,016	82	19,973	-		-		-		53	-		-		-	1
2016		10,754		4,957	-	14,740	237		321		-		-	1		1		-	-
2017		4,473		8,358	109	14,888	-		-		-		511	-		-		-	3
2018		6,466		2,485	109	15,105	-		23		-		106	1		2		-	3
2019		4,740		2,951	201	11,752	210		448		-		1,578	1		6		-	9
2020		3,028		3,808	160	13,129	6,149		1,754		-		1,085	6		6		-	15
2021		4,190		5,194	24	14,960	2,219		4,508		-		4,356	14		13		-	53
2022		2,860		1,963	283	9,434	6,155		2,324		161		6,218	34		15		1	54
2023		1,290		458	16	4,618	4,623		1,913		-		20,311	41		10		-	118
2024		335		3	27	1,301	4,541		566		54		17,431	93		8		1	292

	Distri	bution of Retaine	d Paid Loss & A	ALAE	Distribution	n of Retained Los	s & ALAE Case	Reserves	Distribution of Open Occurrences					
			Public				Public				Public			
		Employment	Officers	All Other		Employment	Officers	All Other		Employment	Officers	All Other		
Accident	Auto	Practices	E&O	General	Auto	Practices	E&O	General	Auto	Practices	E&O	General		
Year	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)		
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)		
Prior	0.302	0.061	0.014	0.624	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000		
2009	0.138	0.239	0.026	0.597	0.000	1.000	0.000	0.000	0.000	1.000	0.000	0.000		
2010	0.139	0.207	0.048	0.606	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
2011	0.081	0.103	0.011	0.805	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000		
2012	0.401	0.273	0.004	0.321	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
2013	0.371	0.133	0.001	0.495	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
2014	0.316	0.218	0.002	0.464	0.000	0.000	0.000	1.000	0.000	0.000	0.000	1.000		
2015	0.208	0.183	0.003	0.607	0.000	0.000	0.000	1.000	0.000	0.000	0.000	1.000		
2016	0.353	0.163	0.000	0.484	0.424	0.576	0.000	0.000	0.500	0.500	0.000	0.000		
2017	0.161	0.300	0.004	0.535	0.000	0.000	0.000	1.000	0.000	0.000	0.000	1.000		
2018	0.268	0.103	0.005	0.625	0.000	0.180	0.000	0.820	0.167	0.333	0.000	0.500		
2019	0.241	0.150	0.010	0.598	0.094	0.200	0.000	0.706	0.063	0.375	0.000	0.563		
2020	0.150	0.189	0.008	0.652	0.684	0.195	0.000	0.121	0.222	0.222	0.000	0.556		
2021	0.172	0.213	0.001	0.614	0.200	0.407	0.000	0.393	0.175	0.163	0.000	0.663		
2022	0.197	0.135	0.019	0.649	0.414	0.156	0.011	0.418	0.327	0.144	0.010	0.519		
2023	0.202	0.072	0.003	0.724	0.172	0.071	0.000	0.757	0.243	0.059	0.000	0.698		
2024	0.201	0.002	0.016	0.781	0.201	0.025	0.002	0.772	0.236	0.020	0.003	0.741		

Accident Year	Auto (Note 3)	Employment Practices (Note 3)	Public Officers E&O (Note 3)	All Other General (Note 3)	Gross Loss & ALAE Case Reserves (Data)	Case Reserves (Data)	Undiscounted Retained Loss & LAE Reserves (Ex. PLP-25)	Retained Loss & LAE IBNR (31)-[(29)-(30)]	Auto (32)x(25)+(5)	Employment Practices (32)x(26)+(6)	Public Officers E&O (32)x(27)+(7)	All Other General (32)x(28)+(8)
	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(32)	(33)	(33)	(34)
Prior	0.000	0.000	0.000	1.000	\$ 136	\$ 136	\$ 7	\$ 7	\$ -	\$ -	\$ -	\$ 7
2009	0.000	1.000	0.000	0.000	11	-	11	0	-	11	-	0
2010					-	-	-	-	-	-	-	-
2011	0.000	0.000	0.000	1.000	390	390	405	405	-	-	-	405
2012	0.000	0.000	0.000	1.000	-	-	51	51	-	-	-	51
2013	0.000	0.000	0.000	1.000	-	-	137	137	-	-	-	137
2014	0.000	0.000	0.000	1.000	30	-	434	404	-	-	-	434
2015	0.000	0.000	0.000	1.000	53	-	603	550	-	-	-	603
2016	0.424	0.576	0.000	0.000	558	-	927	370	394	534	-	-
2017	0.000	0.000	0.000	1.000	511	-	1,479	968	-	-	-	1,479
2018	0.000	0.180	0.000	0.820	164	36	1,132	1,003	-	203	-	929
2019	0.094	0.200	0.000	0.706	2,236	-	3,871	1,635	364	776	-	2,731
2020	0.684	0.195	0.000	0.121	10,337	1,349	12,053	3,064	8,245	2,352	-	1,455
2021	0.200	0.407	0.000	0.393	11,084	0	13,169	2,085	2,636	5,357	-	5,176
2022	0.327	0.144	0.010	0.519	14,890	33	20,180	5,322	7,895	3,092	212	8,981
2023	0.404	0.249	0.003	0.344	26,910	64	34,097	7,250	7,550	3,716	23	22,807
2024	0.404	0.249	0.003	0.344	22,650	58	39,132	16,540	11,219	4,679	107	23,126

- 1. Accident years end 6/30.

- 2. The distributions in columns (13) through (24) are based on the data in columns (1) through (12).
 3. Columns (25) through (28) are based on columns (13) through (24). Years with zero retained reserves are shown as blanks.
 4. (*) Retained loss & ALAE case reserves are equal to gross loss & ALAE case reserves reduced by excess loss & ALAE case reserves from Exhibit PLP-22, Page 1.

General Liability Discounted Retained Reserve - Allocated (\$000) As of June 30, 2024

Undiscounted Retained Loss & LAE Reserves (Ex. 9, Pg. 1) Discounted Retained Loss & LAE Reserves **Public** Discount Employment Public Officers All Other Accident Employment Officers All Other Factor Auto **Practices** E&O General Year Auto **Practices** E&O General [2.00% Interest] $(1) \times (5)$ $(2) \times (5)$ $(3) \times (5)$ $(4) \times (5)$ (8) (3)(4)(5)(9)\$ \$ \$ 7 \$ \$ \$ 7 Prior \$ 1.000 \$ 2009 11 0 1.000 11 0 2010 1.000 2011 405 0.990 401 2012 51 0.983 50 2013 137 0.985 135 2014 434 0.977 424 2015 603 0.971 585 2016 394 534 0.964 379 515 2017 1,479 0.956 1,414 2018 203 929 0.956 194 888 2019 364 776 2,731 0.956 348 741 2,611 2020 8,245 2,352 1,455 0.953 7,860 2,242 1,387 2021 2,636 5,357 5,176 0.957 2,522 5,125 4,952 2022 7.895 3.092 212 8.981 0.961 7.591 2.972 204 8.635 2023 7,550 3,716 23 22.807 0.959 7.240 3,564 22 21,870 2024 107 11,219 4.679 23.126 0.949 10.645 4.440 102 21,944 342 \$ 328 Total \$ 38.303 \$ 20,720 \$ 68,322 36,586 \$ 19,805 65,304

^{1.} Accident years end 6/30.

California Joint Powers Insurance Authority

Exhibit 9 Page 3 of 7

Calculation of General Liability Loss Development Reserve (\$000) Auto Liability Occurrences As of June 30, 2024

Gross Loss & ALAE Discounted Loss Development Reserve Loss & LAE Case Expected Accident Reserve Value 55% PL 60% PL 65% PL 70% PL 80% PL 85% PL 90% PL 95% PL Reserves 75% PL (Data) (Ex. 9, Pg. 2) (Note 2) Year (1)(3)(4)(5)(6)(7)(8)(9)(10)(11)(12)\$ \$ \$ \$ \$ \$ \$ \$ Prior \$ \$ \$ \$ 2009 2010 2011 2012 2013 2014 2015 2016 237 379 143 147 156 189 202 218 238 270 166 177 2017 2018 15 (15)(15)(15)(15)(15)(15)(15)(15)(15)(15)2019 210 348 138 141 150 159 169 180 192 207 225 255 2020 7.498 7.860 363 444 636 843 1.066 1.314 1.596 1.927 2.340 3.007 609 2021 2,219 2,522 303 330 391 457 529 699 805 938 1,152 2022 6,155 7,591 1,436 1.514 1.700 1,899 2.115 2.354 2.626 2.946 3,345 3.989 4,623 2,692 3,059 3,493 2023 7,240 2,617 2,869 3,265 3,753 4,058 4,438 5,053 2024 4,541 10,645 6,104 6,215 6,475 6,754 7,057 7,393 7,774 8,223 8,782 9,686

13.322

\$

\$

14.364

Notes:

Total

\$

25.497

36,586

\$

11.088

\$

2. Columns (3) through (12) are equal to (2) x Probability Level Factor - (1). Probability level factors are based on a Student's t-distribution and are as follows:

\$

12.361

\$ 11.467

				Probability Le	evel Factors				
Expected									
Value	55% PL	60% PL	65% PL	70% PL	75% PL	80% PL	85% PL	90% PL	95% PL
1.000	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336

15.516

\$

16.827

\$

18.369

\$

20.292

\$

23,397

\$

^{1.} Accident years end 6/30.

Calculation of General Liability Loss Development Reserve (\$000) Employment Practices Liability Occurrences As of June 30, 2024

Gross Loss & ALAE Discounted Loss Development Reserve Loss & LAE Case Expected Accident Reserve Value 55% PL 60% PL 65% PL 70% PL 80% PL 85% PL 90% PL 95% PL Reserves 75% PL (Data) (Ex. 9, Pg. 2) (Note 2) Year (3)(5)(6)(8)(9)(10)(11)(12)\$ \$ \$ \$ \$ \$ \$ \$ \$ Prior \$ \$ \$ 0 0 2 2 3 2009 11 11 2010 2011 2012 2013 2014 2015 2016 321 194 212 225 256 296 323 515 199 240 274 367 2017 2018 44 194 163 168 174 200 216 151 153 157 181 189 2019 448 741 293 301 319 339 360 383 410 441 480 543 2020 1.754 2.242 488 511 566 625 689 760 840 935 1.052 1.243 2021 4,508 5,125 616 670 795 929 1,075 1,237 1,420 1,636 1,906 2,341 2022 2,324 2.972 648 679 752 830 915 1.008 1.115 1.240 1,396 1.648 1,913 2,082 2,210 2,360 2,547 2023 3,564 1,651 1,688 1,775 1,868 1,970 2,850 2024 566 4,440 3,875 3,921 4,029 4,146 4,272 4,412 4,571 4,758 4,992 5,368

9.126

\$

\$

9.689

Notes:

Total

\$

11.889

19,805

\$

7.916

\$

2. Columns (3) through (12) are equal to (2) x Probability Level Factor - (1). Probability level factors are based on a Student's t-distribution and are as follows:

\$

8.606

8.122

\$

				Probability Le	evel Factors				
Expected									
Value	55% PL	60% PL	65% PL	70% PL	75% PL	80% PL	85% PL	90% PL	95% PL
1.000	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336

10.313

\$

11.023

\$

11.858

\$

12.899

\$

14,580

\$

^{1.} Accident years end 6/30.

California Joint Powers Insurance Authority

Exhibit 9 Page 5 of 7

Calculation of General Liability Loss Development Reserve (\$000) Public Official Errors & Omissions Liability Occurrences As of June 30, 2024

Gross Loss & ALAE Discounted Loss Development Reserve Loss & LAE Case Expected Accident Reserves Reserve Value 55% PL 60% PL 65% PL 70% PL 75% PL 80% PL 85% PL 90% PL 95% PL (Ex. 9, Pg. 2) Year (Data) (Note 2) (1)(3)(4)(5)(6)(7)(8)(9)(10)(11)(12)\$ \$ \$ \$ \$ \$ \$ \$ \$ Prior \$ \$ 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 204 43 50 68 75 112 161 45 55 61 84 94 22 22 23 23 24 24 25 26 27 28 30 2023 2024 54 102 48 49 51 54 57 60 63 68 73 82

Notes:

Total

\$

215

\$

328

\$

113

\$

2. Columns (3) through (12) are equal to (2) x Probability Level Factor - (1). Probability level factors are based on a Student's t-distribution and are as follows:

\$

124

\$

133

\$

116

				Probability Le	evel Factors				
Expected									
Value	55% PL	60% PL	65% PL	70% PL	75% PL	80% PL	85% PL	90% PL	95% PL
1.000	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336

142

\$

152

\$

164

\$

178

\$

195

\$

223

^{1.} Accident years end 6/30.

Calculation of General Liability Loss Development Reserve (\$000) All Other General Liability Occurrences As of June 30, 2024

Gross

		01033	Γ.											ъ.										
	Los	s & ALAE		scounted									Lo	ss Develop	men	t Reserve								
		Case	Lo	ss & LAE	Е	xpected																		
Accident	R	eserves	F	Reserve		Value	5	5% PL	6	0% PL	6	55% PL		70% PL	•	75% PL	8	30% PL	8	35% PL	9	0% PL	ζ	95% PL
Year		(Data)	(E)	(. 9, Pg. 2)	(Note 2)	(Note 2)	(1	Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(1	Note 2)	((Note 2)
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)
				(-)	_																			
Prior	\$	136	\$	7	\$	(129)	\$	(129)	\$	(129)	\$	(129)	\$	(128)	\$	(128)	\$	(128)	\$	(128)	\$	(127)	\$	(127)
2009		-		0		0		0		0		0		0		0		0		0		0		0
2010		-		-		-		-		-		-		-		-		-		-		-		-
2011		390		401		12		16		25		36		47		60		74		91		112		147
2012		-		50		50		51		52		53		55		56		58		60		63		67
2013		-		135		135		136		139		143		147		151		156		162		169		180
2014		30		424		394		399		409		420		432		446		461		479		501		537
2015		53		585		532		538		552		568		584		603		624		649		679		729
2016		-		-		-		-		-		-		-		-		-		-		-		-
2017		511		1,414		903		918		952		989		1,030		1,074		1,125		1,184		1,259		1,379
2018		106		888		782		791		813		836		862		890		921		959		1,005		1,081
2019		1,578		2,611		1,033		1,060		1,124		1,193		1,267		1,349		1,443		1,553		1,690		1,912
2020		1,085		1,387		302		316		350		387		426		470		520		578		651		769
2021		4,357		4,952		595		646		768		898		1,039		1,194		1,372		1,581		1,841		2,261
2022		6,250		8,635		2,385		2,474		2,685		2,912		3,158		3,430		3,739		4,103		4,557		5,290
2023		20,375		21,870		1,496		1,722		2,256		2,831		3,453		4,142		4,926		5,848		6,997		8,853
2024		17,489		21,944		4,455		4,682		5,219		5,795		6,420		7,111		7,897		8,822		9,975		11,838
Total	\$	52,360	\$	65,304	\$	12,945	\$	13,621	\$	15,217	\$	16,932	\$	18,791	\$	20,848	\$	23,188	\$	25,941	\$	29,373	\$	34,915

Notes:

2. Columns (3) through (12) are equal to (2) x Probability Level Factor - (1). Probability level factors are based on a Student's t-distribution and are as follows:

	Probability Level Factors													
Expected														
Value	55% PL	60% PL	65% PL	70% PL	75% PL	80% PL	85% PL	90% PL	95% PL					
1.000	1.010	1.035	1.061	1.090	1.121	1.157	1.199	1.252	1.336					

^{1.} Accident years end 6/30.

General Liability Coverage Subgroup Mapping As of June 30, 2024

Coverage Subgroup	Cause
Auto Liability	BACKING VEHICLE
Auto Liability	HIT ANOTHER VEHICLE
Auto Liability	HIT FIXED OBJECT
Auto Liability	HIT VEHICLE AHEAD
Auto Liability	INTERSECTION COLLISION
Auto Liability	PASSING VEHICLE
Auto Liability	TRANSIT VEHICLE - BI
Auto Liability	TRANSIT VEHICLE - PD
Auto Liability	TURNING VEHICLE
Auto Liability	VEHICLE ACCIDENT
Employment Practices Liability	EMPLOYEE BENEFITS
Employment Practices Liability	EMPLOYMENT DISCRIMINATION
Employment Practices Liability	EMPLOYMENT HARASSMENT
Employment Practices Liability	EMPLOYMENT PRACTICES
Employment Practices Liability	EMPLOYMENT RETALIATION
Employment Practices Liability	EMPLOYMENT TERMINATION
Public Officer Errors & Omissions	CITY MANAGER/CHIEF EXECUTIVE B
Public Officer Errors & Omissions	ERRORS AND OMISSIONS
All Other General Liability	All Other [Cause] Values

California Joint Powers Insurance Authority General Liability

Exhibit 10 Page 1 of 4

Retained Reserve - Discounted (\$000) As of June 30, 2024

Accident Year	Undiscounted Retained Loss & LAE Reserve (Ex. PLP-25)	Discount Factor	1.50% Discounted Loss & LAE Reserve (1) x (2) (3)	Discount Factor [2.00% Interest] (4)	2.00% Discounted Loss & LAE Reserve (1) x (4) (5)	Discount Factor [2.50% Interest] (6)	2.50% Discounted Loss & LAE Reserve (1) x (6) (7)
Prior	\$ 7	1.000	\$ 7	1.000	\$ 7	1.000	\$ 7
2009	11	1.000	11	1.000	11	1.000	11
2010	-	1.000	-	1.000	-	1.000	-
2011	405	0.993	402	0.990	401	0.988	400
2012	51	0.987	50	0.983	50	0.979	50
2013	137	0.989	135	0.985	135	0.982	134
2014	434	0.983	427	0.977	424	0.971	422
2015	603	0.978	590	0.971	585	0.964	581
2016	927	0.973	902	0.964	894	0.955	886
2017	1,479	0.967	1,430	0.956	1,414	0.946	1,398
2018	1,132	0.966	1,094	0.956	1,082	0.945	1,070
2019	3,871	0.967	3,742	0.956	3,701	0.946	3,661
2020	12,053	0.965	11,625	0.953	11,490	0.942	11,358
2021	13,169	0.967	12,736	0.957	12,599	0.947	12,466
2022	20,180	0.971	19,589	0.961	19,402	0.952	19,220
2023	34,097	0.969	33,033	0.959	32,696	0.949	32,367
2024	39,132	0.961	37,612	0.949	37,132	0.937	36,663
Total	\$ 127,687	0.966	\$ 123,385	0.956	\$ 122,023	0.945	\$ 120,695

Note:

1. Accident years end 6/30.

California Joint Powers Insurance Authority Workers Compensation

Exhibit 10 Page 2 of 4

Retained Reserve - Discounted (\$000) As of June 30, 2024

Accident Year	F Lo F	discounted Retained ss & LAE Reserve PWCP-27)	Discount Factor [1.50% Interest] (2)	Dis Los R	1.50% scounted ss & LAE leserve 1) x (2) (3)	Discount Factor [2.00% Interest] (4)	Di: Lo: F	2.00% scounted ss & LAE Reserve (1) x (4) (5)	Discount Factor [2.50% Interest] (6)	Di: Lo: F	2.50% scounted ss & LAE Reserve 1) x (6) (7)
Prior	\$	6,207	0.945	\$	5,868	0.929	\$	5,767	0.914	\$	5,671
2009		832	0.891		741	0.858		714	0.827		688
2010		963	0.892		859	0.860		829	0.830		800
2011		862	0.892		769	0.860		742	0.830		716
2012		2,521	0.895		2,256	0.864		2,178	0.835		2,105
2013		1,924	0.896		1,724	0.866		1,666	0.837		1,611
2014		1,485	0.899		1,334	0.869		1,290	0.842		1,249
2015		2,926	0.899		2,631	0.870		2,545	0.842		2,465
2016		2,648	0.898		2,378	0.868		2,300	0.841		2,226
2017		3,606	0.903		3,255	0.875		3,154	0.848		3,058
2018		3,975	0.905		3,596	0.877		3,486	0.851		3,383
2019		6,454	0.909		5,868	0.883		5,699	0.858		5,540
2020		5,431	0.915		4,970	0.890		4,836	0.867		4,710
2021		7,183	0.923		6,627	0.900		6,465	0.879		6,313
2022		13,583	0.928		12,608	0.907		12,323	0.887		12,054
2023		17,556	0.936		16,425	0.917		16,093	0.899		15,779
2024		26,999	0.942		25,431	0.925		24,966	0.908		24,525
Total	\$	105,155	0.926	\$	97,340	0.904	\$	95,049	0.883	\$	92,894

Note:

1. Accident years end 6/30.

California Joint Powers Insurance Authority General Liability - Excess Program

Exhibit 10 Page 3 of 4

Retained Reserve - Discounted (\$000) As of June 30, 2024

	Und	liscounted			1.50%			2.00%		,	2.50%
	R	etained		Dis	scounted		Dis	scounted		Dis	scounted
	Lo	ss & LAE	Discount	Lo	ss & LAE	Discount	Lo	ss & LAE	Discount	Los	ss & LAE
Accident	F	Reserve	Factor	F	Reserve	Factor	F	Reserve	Factor	F	Reserve
Year	(Ex	. ELP-20)	[1.50% Interest]	(1) x (2)	[2.00% Interest]	(1) x (4)	[2.50% Interest]	(1) x (6)
		(1)	(2)		(3)	(4)		(5)	(6)		(7)
2017	\$	83	0.967	\$	81	0.957	\$	80	0.946	\$	79
2018		240	0.963		232	0.951		229	0.940		226
2019		242	0.960		232	0.947		229	0.935		226
2020		3,730	0.964		3,597	0.953		3,555	0.942		3,515
2021		2,185	0.962		2,103	0.951		2,077	0.939		2,052
2022		5,037	0.958		4,823	0.944		4,756	0.931		4,691
2023		3,469	0.946		3,282	0.929		3,223	0.912		3,166
2024		9,197	0.932		8,574	0.911		8,381	0.891		8,194
Total	\$	24,184	0.948	\$	22,923	0.932	\$	22,529	0.916	\$	22,148

Note:

1. Accident years end 6/30.

California Joint Powers Insurance Authority Workers Compensation - Excess Program

Exhibit 10 Page 4 of 4

Retained Reserve - Discounted (\$000) As of June 30, 2024

	Undi	scounted		1	1.50%		2	2.00%		2	2.50%
	Re	etained		Dis	counted		Dis	counted		Dis	counted
	Los	s & LAE	Discount	Los	s & LAE	Discount	Los	s & LAE	Discount	Los	s & LAE
Accident	R	eserve	Factor	R	eserve	Factor	R	eserve	Factor	R	eserve
Year	(Ex.	EWC-20)	[1.50% Interest]	(1	l) x (2)	[2.00% Interest]	(1	l) x (4)	[2.50% Interest]	(^	1) x (6)
		(1)	(2)		(3)	(4)		(5)	(6)		(7)
2018	\$	14	0.864	\$	12	0.827	\$	12	0.793	\$	11
2019		144	0.864		125	0.827		119	0.793		114
2020		53	0.873		47	0.838		45	0.806		43
2021		1,256	0.876		1,101	0.842		1,058	0.811		1,018
2022		566	0.879		498	0.846		479	0.816		462
2023		1,013	0.880		891	0.846		857	0.816		826
2024		2,396	0.867		2,077	0.830		1,989	0.797		1,909
Total	\$	5,443	0.873	\$	4,750	0.838	\$	4,559	0.805	\$	4,384

^{1.} Accident years end 6/30.

Closed With Pay Occurrence Count Development As of June 30, 2024

							AS 0	T June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	243	396	470	503	518	527	531	532	532	532	532	532	532	531	532	532
2010	261	465	528	558	567	569	571	574	576	576	576	576	576	576	576	
2011	239	454	522	551	556	562	562	565	566	568	568	569	569	569		
2012	236	410	477	502	514	517	519	519	518	518	518	518	518			
2013	255	445	489	525	538	541	541	540	540	540	540	540				
2014	240	458	523	557	573	579	578	579	580	580	580					
2015	257	460	509	541	558	567	567	568	569	570						
2016	289	534	582	604	620	628	630	635	635							
2017	288	514	561	588	600	607	614	616								
2018	256	434	481	499	511	519	523									
2019	270	492	517	536	550	556										
2020	273	445	482	507	527											
2021	263	417	444	468												
2022	265	424	465													
2023	322	557														
2024	269															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.630	1.187	1.070	1.030	1.017	1.008	1.002	1.000	1.000	1.000	1.000	1.000	0.998	1.002	1.000	
2010	1.782	1.135	1.057	1.016	1.004	1.004	1.005	1.003	1.000	1.000	1.000	1.000	1.000	1.000		
2011	1.900	1.150	1.056	1.009	1.011	1.000	1.005	1.002	1.004	1.000	1.002	1.000	1.000			
2012	1.737	1.163	1.052	1.024	1.006	1.004	1.000	0.998	1.000	1.000	1.000	1.000				
2013	1.745	1.099	1.074	1.025	1.006	1.000	0.998	1.000	1.000	1.000	1.000					
2014	1.908	1.142	1.065	1.029	1.010	0.998	1.002	1.002	1.000	1.000						
2015	1.790	1.107	1.063	1.031	1.016	1.000	1.002	1.002	1.002							
2016	1.848	1.090	1.038	1.026	1.013	1.003	1.008	1.000								
2017	1.785	1.091	1.048	1.020	1.012	1.012	1.003									
2018	1.695	1.108	1.037	1.024	1.016	1.008										
2019	1.822	1.051	1.037	1.026	1.011											
2020	1.630	1.083	1.052	1.039												
2021	1.586	1.065	1.054													
2022	1.600	1.097														
2023	1.730															
Vol Wtd Avg	1.745	1.111	1.054	1.025	1.011	1.004	1.003	1.001	1.001	1.000	1.000	1.000	0.999	1.001	1.000	
3 Yr Vol Wtd Avg	1.645	1.082	1.047	1.030	1.013	1.007	1.004	1.001	1.001	1.000	1.001	1.000	0.999			
4 Yr Vol Wtd Avg	1.641	1.073	1.045	1.027	1.013	1.006	1.004	1.001	1.000	1.000	1.000	1.000	0.000			
5 Yr Vol Wtd Avg	1.676	1.080	1.045	1.027	1.013	1.004	1.003	1.000	1.001	1.000	1.000					
Daise Coloration	4.007	4.070	4.040	4.000	4.040	4 000	4.000	4 004	4.004	4 004	4 004	4.000	4.000	4.000	4.000	4.000
Prior Selection	1.667	1.079	1.042	1.026	1.013	1.003	1.003	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
Selected	1.676	1.082	1.047	1.030	1.013	1.007	1.004	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
Cumulative	2.011	1.200	1.109	1.059	1.028	1.015	1.008	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	0.497	0.833	0.902	0.944	0.973	0.985	0.992	0.996	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000

^{1.} Accident years end 6/30.

CWP is closed with pay.

Developed Experience - Closed With Pay Occurrence Count As of June 30, 2024

Accident Year	CWP Occurrence Count (Data) (1)	Factor to Ultimate (Ex. PLP-1) (2)	Developed Ultimate CWP Occurrence Count (1) x (2) (3)
	()	()	(-7
Prior	10,700	1.000	10,700
2009	532	1.000	532
2010	576	1.000	576
2011	569	1.000	569
2012	518	1.000	518
2013	540	1.000	540
2014	580	1.001	581
2015	570	1.002	571
2016	635	1.003	637
2017	616	1.004	618
2018	523	1.008	527
2019	556	1.015	564
2020	527	1.028	542
2021	468	1.059	496
2022	465	1.109	516
2023	557	1.200	668
2024	269	2.011	541
Total	19,201		19,696

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.

Selected Ultimate Closed With Pay Occurrence Count As of June 30, 2024

Accident Year	Developed Ultimate CWP Occurrence Count (Ex. PLP-2) (1)	Payroll (\$Millions) (Data) (2)	Indicated Frequency (1) / (2) (3)	On-Level Trend Factor (Note 3)	Indicated On-Level Frequency (3) x (4) (5)	Selected On-Level Frequency (Note 4)	Projected Frequency (6) / (4) (7)	Projected Ultimate CWP Occurrence Count (2) x (7) (8)	Selected Ultimate CWP Occurrence Count (Note 5) (9)	Prior Ultimate CWP Occurrence Count (Note 6) (10)	Change (9) - (10) (11)
Prior	10,700								10,700	10,699	1
2009	532	857	0.621	1.000	0.621				532	532	0
2010	576	842	0.684	1.000	0.684				576	576	0
2011	569	807	0.705	1.000	0.705				569	569	0
2012	518	803	0.645	1.000	0.645				518	518	0
2013	540	796	0.678	1.000	0.678				540	541	(1)
2014	581	811	0.716	1.000	0.716				581	581	(1)
2015	571	788	0.725	1.000	0.725				571	571	0
2016	637	821	0.776	1.000	0.776				637	638	(1)
2017	618	772	0.801	1.000	0.801				618	618	0
2018	527	794	0.664	1.000	0.664				527	524	3
2019	564	773	0.730	1.000	0.730				564	563	2
2020	542	785	0.691	1.000	0.691				542	532	10
2021	496	799	0.620	1.000	0.620				496	486	10
2022	516	839	0.614	1.000	0.614				516	547	(31)
2023	668	876	0.763	1.000	0.763	0.664	0.664	581	625	575	50
2024	541	888	0.609	1.000	0.609	0.664	0.664	589	589	596	(6)
Total	19,696			2018-2022 Average: at Analysis - Trended:	0.664 0.695				19,701	19,664	37

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (4) is based on an annual trend of 0.0% for all years.
- 4. Column (6) is based on Column (5).
- 5. Column (9) is based on columns (1) and (8).
- 6. Column (10) is from Milliman's prior report dated 10/23/23.

Total Limits Incurred Loss Development (\$000) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$9,559	\$16,432	\$16,845	\$16,670	\$15,926	\$14,885	\$15,647	\$16,647	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,697	\$14,622
2010	11,375	12,382	13,220	11,474	11,790	11,356	10,953	13,790	10,690	10,690	10,690	10,690	10,690	10,690	10,690	
2011	11,862	18,010	15,795	16,827	17,134	16,965	16,845	16,770	16,945	18,057	19,920	23,676	23,676	25,650		
2012	12,108	15,095	15,536	15,138	19,037	19,307	19,238	19,238	19,237	19,237	19,237	19,237	19,237			
2013	11,350	15,562	16,313	20,332	14,844	16,494	16,494	16,499	16,489	16,489	16,489	16,489	•			
2014	15,629	22,135	20,320	23,728	22.683	22,483	24,571	24,513	24,513	24,513	24,543	-,				
2015	21,840	31,734	24,548	22,701	22,946	23,050	22,489	22,239	21,889	21,894						
2016	16,574	17,954	17,175	15,437	35,339	34,425	34,705	34,443	34,679	,						
2017	13,068	20,681	19,773	21,145	20,450	19,872	19,860	19,953	,							
2018	12,193	14,002	17,324	16,669	15,937	15,759	14,578	,								
2019	14,551	17,246	14,030	12,569	13,089	12,938	,									
2020	12,898	19,829	18,864	16,584	20,843	12,000										
2021	15,671	20,742	22,399	25,290	20,010											
2022	16,246	21,432	19,480	20,200												
2023	18,273	24,481	13,400													
2024	21,346	24,401														
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.719	1.025	0.990	0.955	0.935	1.051	1.064	0.878	1.000	1.000	1.000	1.000	1.000	1.005	0.995	
2010	1.089	1.068	0.868	1.028	0.963	0.965	1.259	0.775	1.000	1.000	1.000	1.000	1.000	1.000		
2011	1.518	0.877	1.065	1.018	0.990	0.993	0.996	1.010	1.066	1.103	1.189	1.000	1.083			
2012	1.247	1.029	0.974	1.258	1.014	0.996	1.000	1.000	1.000	1.000	1.000	1.000				
2013	1.371	1.048	1.246	0.730	1.111	1.000	1.000	0.999	1.000	1.000	1.000					
2014	1.416	0.918	1.168	0.956	0.991	1.093	0.998	1.000	1.000	1.001						
2015	1.453	0.774	0.925	1.011	1.005	0.976	0.989	0.984	1.000							
2016	1.083	0.957	0.899	2.289	0.974	1.008	0.992	1.007								
2017	1.583	0.956	1.069	0.967	0.972	0.999	1.005									
2018	1.148	1.237	0.962	0.956	0.989	0.925										
2019	1.185	0.814	0.896	1.041	0.988											
2020	1.537	0.951	0.879	1.257												
2021	1.324	1.080	1.129													
2022	1.319	0.909														
2023	1.340															
Vol Wtd Avg	1.350	0.956	1.010	1.099	0.992	1.004	1.018	0.969	1.009	1.018	1.046	1.000	1.040	1.003	0.995	
3 Yr Vol Wtd Avg	1.328	0.980	0.985	1.088	0.982	0.987	0.995	0.999	1.000	1.000	1.067	1.000	1.040			
4 Yr Vol Wtd Avg	1.371	0.944	0.979	1.050	0.979	0.984	0.995	0.999	1.000	1.024	1.057	1.000				
5 Yr Vol Wtd Avg	1.336	0.988	0.999	1.282	0.984	1.005	0.996	0.999	1.011	1.021	1.046					
Prior Selection	1.358	1.037	1.016	1.018	1.016	1.015	1.013	1.012	1.010	1.008	1.007	1.005	1.003	1.002	1.000	1.000
Selected	1.350	1.048	1.022	1.021	1.019	1.017	1.015	1.013	1.011	1.009	1.008	1.006	1.004	1.002	1.000	1.000
Cumulative	1.636	1.212	1.156	1.132	1.109	1.088	1.070	1.054	1.041	1.029	1.020	1.012	1.006	1.002	1.000	1.000
												1.012				1.000
Ratio to Ult	0.611	0.825	0.865	0.883	0.902	0.919	0.935	0.949	0.961	0.972	0.980	0.988	0.994	0.998	1.000	1.000

^{1.} Accident years end 6/30.

Total Limits Paid Loss Development (\$000) As of June 30, 2024

							AS 0	T June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$790	\$2,180	\$8,616	\$11,995	\$14,175	\$14,350	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622	\$14,622
2010	1,166	2,652	7,373	8,933	9,130	9,957	10,604	13,440	10,690	10,690	10,690	10,690	10,690	10,690	10,690	
2011	924	2,675	7,711	10,041	10,604	10,745	10,745	14,187	16,162	17,997	18,775	19,926	20,560	25,308		
2012	1,018	3,114	9,422	11,078	18,362	19,232	19,238	19,238	19,237	19,237	19,237	19,237	19,237			
2013	822	2,462	8,585	12,753	14,669	16,494	16,494	16,489	16,489	16,489	16,489	16,489				
2014	1,227	3,563	6,844	16,469	18,211	18,361	20,871	24,513	24,513	24,513	24,513					
2015	1,780	3,866	9,820	16,281	19,580	21,589	21,714	21,864	21,864	21,864						
2016	1,693	7,125	9,961	11,220	33,480	33,780	33,825	34,043	34,279							
2017	1,738	4,146	12,310	16,782	18,028	19,003	19,450	19,603								
2018	1,339	4,423	7,972	9,227	11,235	12,872	14,567									
2019	1,721	3,585	6,144	9,006	10,651	11,361										
2020	1,864	4,993	6,349	10,227	11,503											
2021	1,691	4,478	6,971	16,555												
2022	1,609	3,528	9,390													
2023	1,944	4,424														
2024	1,363															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	2.761	3.951	1.392	1.182	1.012	1.019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2010	2.275	2.780	1.211	1.022	1.091	1.065	1.267	0.795	1.000	1.000	1.000	1.000	1.000	1.000		
2011	2.895	2.882	1.302	1.056	1.013	1.000	1.320	1.139	1.114	1.043	1.061	1.032	1.231			
2012	3.058	3.026	1.176	1.658	1.047	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
2013	2.996	3.488	1.485	1.150	1.124	1.000	1.000	1.000	1.000	1.000	1.000					
2014	2.903	1.921	2.406	1.106	1.008	1.137	1.175	1.000	1.000	1.000						
2015	2.172	2.540	1.658	1.203	1.103	1.006	1.007	1.000	1.000							
2016	4.208	1.398	1.126	2.984	1.009	1.001	1.006	1.007								
2017	2.385	2.969	1.363	1.074	1.054	1.024	1.008									
2018	3.304	1.802	1.157	1.218	1.146	1.132										
2019	2.083	1.714	1.466	1.183	1.067											
2020	2.679	1.272	1.611	1.125												
2021	2.648	1.557	2.375													
2022	2.192	2.662														
2023	2.276															
Vol Wtd Avg	2.683	2.225	1.486	1.317	1.054	1.033	1.062	0.997	1.015	1.008	1.014	1.010	1.104	1.000	1.000	
3 Yr Vol Wtd Avg	2.370	1.747	1.839	1.173	1.083	1.033	1.007	1.003	1.000	1.000	1.021	1.013	1.104			
4 Yr Vol Wtd Avg	2.451	1.740	1.641	1.136	1.049	1.026	1.043	1.002	1.000	1.010	1.018	1.010				
5 Yr Vol Wtd Avg	2.379	1.753	1.555	1.504	1.061	1.046	1.037	1.002	1.019	1.009	1.014					
Prior Selection	2.554	1.838	1.487	1.169	1.049	1.044	1.039	1.034	1.029	1.024	1.019	1.014	1.010	1.005	1.000	1.000
Selected	2.379	1.753	1.555	1.173	1.055	1.048	1.042	1.036	1.030	1.024	1.018	1.012	1.006	1.000	1.000	1.000
Cumulative	9.927	4.172	2.380	1.531	1.305	1.237	1.180	1.132	1.093	1.061	1.036	1.018	1.006	1.000	1.000	1.000
Ratio to Ult	0.101	0.240	0.420	0.653	0.766	0.809	0.847	0.883	0.915	0.942	0.965	0.982	0.994	1.000	1.000	1.000

^{1.} Accident years end 6/30.

Developed Experience - Total Limits Loss (\$000) As of June 30, 2024

Accident Year	Incurred Loss (Data) (1)	Large Incurred Occurrences (Note 2)	Incurred Factor to Ultimate (Ex. PLP-4) (3)	Incurred Development Ultimate [(1)-(2)]x(3)+(2) (4)	Paid Loss (Data) (5)	Large Paid Occurrences (Note 2) (6)	Paid Factor to Ultimate (Ex. PLP-5) (7)	Paid Developed Ultimate [(5)-(6)]x(7)+(2) (8)	Development Methods Selection (Note 3) (9)
Prior	\$ 303,741	\$ 87,440	1.000	\$ 303,741	\$ 303,606	\$ 87,305	1.000	\$ 303,741	\$ 303,741
2009	14,622	-	1.000	14,622	14,622	-	1.000	14,622	14,622
2010	10,690	-	1.000	10,690	10,690	-	1.000	10,690	10,690
2011	25,650	14,230	1.002	25,672	25,308	13,888	1.000	25,650	25,661
2012	19,237	5,999	1.006	19,316	19,237	5,999	1.006	19,316	19,316
2013	16,489	-	1.012	16,687	16,489	-	1.018	16,787	16,737
2014	24,543	-	1.020	25,037	24,513	-	1.036	25,405	25,221
2015	21,894	-	1.029	22,536	21,864	-	1.061	23,204	22,870
2016	34,679	20,236	1.041	35,266	34,279	20,236	1.093	35,586	35,426
2017	19,953	5,500	1.054	20,736	19,603	5,500	1.132	21,472	21,104
2018	14,578	-	1.070	15,598	14,567	-	1.180	17,190	16,394
2019	12,938	-	1.088	14,079	11,361	-	1.237	14,049	14,064
2020	20,843	-	1.109	23,112	11,503	-	1.305	15,008	23,112
2021	25,290	5,750	1.132	27,872	16,555	5,750	1.531	22,288	27,872
2022	19,480	-	1.156	22,528	9,390	-	2.380	22,346	22,528
2023	24,481	-	1.212	29,667	4,424	-	4.172	18,457	29,667
2024	21,346	-	1.636	34,922	1,363	-	9.927	13,533	34,922
Total	\$ 630,452	\$ 139,155		\$ 662,082	\$ 559,374	\$ 138,678		\$ 619,343	\$ 663,947

^{1.} Accident years end 6/30.

^{2.} Columns (2) and (6) are ground-up amounts on occurrences with incurred loss greater than \$5.0 million.

^{3.} Column (9) is based on columns (4) and (8).

Total Limits Loss Severity Analysis (\$000) As of June 30, 2024

		Selected						
	Development	Ultimate		On-Level	Indicated	Selected		
	Methods	CWP Occurrence	Indicated	Trend	On-Level	On-Level	Projected	Projected
Accident	Selection	Count	Severity	Factor	Severity	Severity	Severity	Ultimate
Year	(Ex. PLP-6)	(Ex. PLP-3)	(1) / (2)	(Note 3)	(3) x (4)	(Note 4)	(6) / (4)	(2) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prior	\$ 303,741	10,700	\$ 28.387	1.873	\$ 53.168			
2009	14,622	532	27.484	1.801	49.497			
2010	10,690	576	18.559	1.732	32.139			
2011	25,661	569	45.098	1.665	75.092			
2012	19,316	518	37.290	1.601	59.703			
2013	16,737	540	30.995	1.539	47.715			
2014	25,221	581	43.441	1.480	64.303			
2015	22,870	571	40.042	1.423	56.992			
2016	35,426	637	55.622	1.369	76.123			
2017	21,104	618	34.123	1.316	44.904			
2018	16,394	527	31.097	1.265	39.347			
2019	14,064	564	24.919	1.217	30.318			
2020	23,112	542	42.649	1.170	49.894			
2021	27,872	496	56.231	1.125	63.252			
2022	22,528	516	43.690	1.082	47.255			
2023	29,667	625	47.477	1.040	49.376	\$ 52.000	\$ 50.000	\$ 31,244
2024	34,922	589	59.248	1.000	59.248	52.000	52.000	30,650
Total	\$ 663,947	19,701		2013-2022 Average:				
			La	st Analysis - Trended:	48.776			

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (4) is based on an annual trend of 4.0% for all years.
- 4. Column (6) is based on Column (5).

Selected Ultimate Total Limits Loss (\$000) As of June 30, 2024

		Development		
	Incurred	Methods	Projected	Selected
Accident	Loss	Selection	Ultimate	Ultimate
Year	(Data)	(Ex. PLP-6)	(Ex. PLP-7)	(Note 2)
	(1)	(2)	(3)	(4)
Prior	\$ 303,741	\$ 303,741		\$ 303,741
2009	14,622	14,622		14,622
2010	10,690	10,690		10,690
2011	25,650	25,661		25,661
2012	19,237	19,316		19,316
2013	16,489	16,737		16,737
2014	24,543	25,221		25,221
2015	21,894	22,870		22,870
2016	34,679	35,426		35,426
2017	19,953	21,104		21,104
2018	14,578	16,394		16,394
2019	12,938	14,064		14,064
2020	20,843	23,112		23,112
2021	25,290	27,872		27,872
2022	19,480	22,528		22,528
2023	24,481	29,667	\$ 31,244	30,456
2024	21,346	34,922	30,650	30,650
Total	\$ 630,452	\$ 663,947		\$ 660,463

- 1. Accident years end 6/30.
- 2. Column (4) is based on columns (1) through (3).

Incurred Loss Development (\$000) Limited to \$150,000 Per Occurrence As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$8,656	\$11,744	\$9,169	\$9,612	\$9,428	\$9,237	\$9,148	\$9,149	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$9,048	\$8,973
2010	8,965	9,102	7,794	6,870	6,756	6,782	6,779	6,816	6,616	6,616	6,616	6,616	6,616	6,616	6,616	
2011	8,812	11,034	7,549	7,126	7,158	7,140	6,969	6,894	6,894	6,769	6,769	6,769	6,769	6,769		
2012	9,580	10,625	7,636	7,388	7,363	7,363	7,294	7,294	7,293	7,293	7,293	7,293	7,293			
2013	9,525	9,929	7,827	7,130	6,592	6,717	6,717	6,722	6,712	6,712	6,712	6,712				
2014	11,113	11,873	9,305	8,325	8,459	8,259	8,163	8,163	8,163	8,163	8,193					
2015	11,432	12,131	10,649	9,839	9,514	9,267	9,206	9,206	9,056	9,061						
2016	10,395	10,838	9,638	8,342	8,508	7,993	8,173	7,911	7,911							
2017	10,320	13,385	10,194	9,966	9,378	9,100	9,176	9,270								
2018	10,156	10,588	8,833	8,341	8,270	8,110	7,904									
2019	10,421	10,976	9,748	8,572	8,211	8,046										
2020	10,880	12,888	10,551	10,092	10,025											
2021	9,415	12,293	11,635	10,773												
2022	11,853	14,487	12,503													
2023	13,782	14,598	,													
2024	13,426	,														
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.357	0.781	1.048	0.981	0.980	0.990	1.000	0.981	1.000	1.000	1.000	1.000	1.000	1.008	0.992	
2010	1.015	0.856	0.881	0.983	1.004	1.000	1.006	0.971	1.000	1.000	1.000	1.000	1.000	1.000		
2011	1.252	0.684	0.944	1.004	0.997	0.976	0.989	1.000	0.982	1.000	1.000	1.000	1.000			
2012	1.109	0.719	0.967	0.997	1.000	0.991	1.000	1.000	1.000	1.000	1.000	1.000				
2013	1.042	0.788	0.911	0.924	1.019	1.000	1.001	0.999	1.000	1.000	1.000					
2014	1.068	0.784	0.895	1.016	0.976	0.988	1.000	1.000	1.000	1.004						
2015	1.061	0.878	0.924	0.967	0.974	0.993	1.000	0.984	1.001							
2016	1.043	0.889	0.866	1.020	0.940	1.023	0.968	1.000								
2017	1.297	0.762	0.978	0.941	0.970	1.008	1.010									
2018	1.043	0.834	0.944	0.991	0.981	0.975										
2019	1.053	0.888	0.879	0.958	0.980											
2020	1.185	0.819	0.957	0.993												
2021	1.306	0.947	0.926													
2022	1.222	0.863														
2023	1.059															
Vol Wtd Avg	1.136	0.822	0.932	0.981	0.982	0.995	0.997	0.991	0.998	1.001	1.000	1.000	1.000	1.005	0.992	
3 Yr Vol Wtd Avg	1.181	0.874	0.922	0.981	0.977	1.002	0.994	0.994	1.000	1.001	1.000	1.000	1.000			
4 Yr Vol Wtd Avg	1.181	0.877	0.927	0.971	0.967	1.000	0.995	0.995	1.000	1.001	1.000	1.000				
5 Yr Vol Wtd Avg	1.158	0.870	0.937	0.980	0.969	0.998	0.996	0.996	0.997	1.001	1.000					
Prior Selection	1.234	0.883	0.925	0.982	0.983	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.181	0.874	0.937	0.981	0.982	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	0.932	0.789	0.902	0.963	0.982	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	1.073	1.267	1.108	1.038	1.018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
rano to oit	1.073	1.201	1.100	1.000	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

^{1.} Accident years end 6/30.

Paid Loss Development (\$000) Limited to \$150,000 Per Occurrence As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$757	\$2,147	\$5,433	\$7,562	\$8,527	\$8,702	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973	\$8,973
2010	996	2,482	4,752	5,799	5,996	6,333	6,530	6,766	6,616	6,616	6,616	6,616	6,616	6,616	6,616	
2011	924	2,545	4,954	5,891	6,128	6,269	6,269	6,444	6,744	6,769	6,769	6,769	6,769	6,769		
2012	1,018	2,819	5,322	6,178	7,138	7,288	7,294	7,294	7,293	7,293	7,293	7,293	7,293			
2013	822	2,212	4,260	5,851	6,417	6,717	6,717	6,712	6,712	6,712	6,712	6,712				
2014	1,097	2,755	5,058	6,614	7,854	8,004	8,013	8,163	8,163	8,163	8,163					
2015	1,373	3,150	4,909	6,899	8,248	8,756	8,881	9,031	9,031	9,031						
2016	1,564	3,434	4,995	5,875	7,149	7,348	7,393	7,611	7,611							
2017	1,553	3,785	5,439	7,715	8,207	8,582	8,766	8,920								
2018	1,281	3,121	5,157	5,849	6,668	7,273	7,893									
2019	1,359	3,029	4,428	5,814	6,458	6,918										
2020	1,692	4,020	5,274	7,275	8,260											
2021	1,516	3,827	5,336	7,220												
2022	1,599	3,420	5,212	•												
2023	1,944	4,089														
2024	1,363															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	2.838	2.531	1.392	1.128	1.021	1.031	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2010	2.493	1.915	1.220	1.034	1.056	1.031	1.036	0.978	1.000	1.000	1.000	1.000	1.000	1.000		
2011	2.754	1.947	1.189	1.040	1.023	1.000	1.028	1.047	1.004	1.000	1.000	1.000	1.000			
2012	2.769	1.888	1.161	1.155	1.021	1.001	1.000	1.000	1.000	1.000	1.000	1.000				
2013	2.692	1.926	1.373	1.097	1.047	1.000	0.999	1.000	1.000	1.000	1.000					
2014	2.510	1.836	1.308	1.187	1.019	1.001	1.019	1.000	1.000	1.000						
2015	2.295	1.558	1.405	1.196	1.062	1.014	1.017	1.000	1.000							
2016	2.195	1.455	1.176	1.217	1.028	1.006	1.029	1.000								
2017	2.437	1.437	1.418	1.064	1.046	1.021	1.018									
2018	2.437	1.652	1.134	1.140	1.091	1.085										
2019	2.229	1.462	1.313	1.111	1.071											
2020	2.376	1.312	1.379	1.135												
2021	2.525	1.394	1.353													
2022	2.139	1.524														
2023	2.104															
Vol Wtd Avg	2.403	1.650	1.294	1.126	1.043	1.019	1.016	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
3 Yr Vol Wtd Avg	2.241	1.404	1.351	1.129	1.068	1.037	1.021	1.000	1.000	1.000	1.000	1.000	1.000			
4 Yr Vol Wtd Avg	2.275	1.416	1.295	1.110	1.058	1.030	1.020	1.000	1.000	1.000	1.000	1.000				
5 Yr Vol Wtd Avg	2.267	1.459	1.321	1.130	1.058	1.025	1.017	1.000	1.001	1.000	1.000					
Prior Selection	2.339	1.442	1.286	1.142	1.048	1.013	1.009	1.008	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	2.267	1.459	1.321	1.130	1.068	1.025	1.021	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	5.529	2.439	1.672	1.265	1.120	1.049	1.024	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	0.181	0.410	0.598	0.790	0.893	0.953	0.977	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Natio to Oil	0.101	0.410	0.590	0.790	0.093	0.900	0.811	0.557	0.555	1.000	1.000	1.000	1.000	1.000	1.000	1.000

^{1.} Accident years end 6/30.

Developed Experience - Loss Limited to \$150,000 Per Occurrence (\$000) As of June 30, 2024

			Limited			Limited	Limited
		Incurred	Incurred		Paid	Paid	Development
	Limited	Factor to	Development	Limited	Factor to	Developed	Methods
Accident	Incurred	Ultimate	Ultimate	Paid	Ultimate	Ultimate	Selection
Year	(Data)	(Ex. PLP-9)	(1) x (2)	(Data)	(Ex. PLP-10)	(4) x (5)	(Note 2)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 109,989	1.000	\$ 109,989	\$ 109,989	1.000	\$ 109,989	\$ 109,989
2009	8,973	1.000	8,973	8,973	1.000	8,973	8,973
2010	6,616	1.000	6,616	6,616	1.000	6,616	6,616
2011	6,769	1.000	6,769	6,769	1.000	6,769	6,769
2012	7,293	1.000	7,293	7,293	1.000	7,293	7,293
2013	6,712	1.000	6,712	6,712	1.000	6,712	6,712
2014	8,193	1.000	8,193	8,163	1.000	8,163	8,193
2015	9,061	1.000	9,061	9,031	1.000	9,031	9,061
2016	7,911	1.000	7,911	7,611	1.001	7,616	7,911
2017	9,270	1.000	9,270	8,920	1.003	8,947	9,270
2018	7,904	1.000	7,904	7,893	1.024	8,082	7,904
2019	8,046	1.000	8,046	6,918	1.049	7,259	8,046
2020	10,025	0.982	9,843	8,260	1.120	9,251	9,843
2021	10,773	0.963	10,376	7,220	1.265	9,133	10,376
2022	12,503	0.902	11,281	5,212	1.672	8,713	9,997
2023	14,598	0.789	11,519	4,089	2.439	9,972	10,745
2024	13,426	0.932	12,512	1,363	5.529	7,537	10,025
Total	\$ 258,062		\$ 252,268	\$ 221,033		\$ 240,058	\$ 247,723

- 1. Accident years end 6/30.
- 2. Column (7) is based on columns (3) and (6).

Loss Limited to \$150,000 Per Occurrence Severity Analysis (\$000) As of June 30, 2024

Accident Year	Limited Development Methods Selection (Ex. PLP-11) (1)	Selected Ultimate CWP Occurrence Count (Ex. PLP-3) (2)	Limited Indicated Severity (1) / (2) (3)	On-Level Trend Factor (Note 3) (4)	Indicated On-Level Severity (3) x (4)	Selected On-Level Severity (Note 4) (6)	Limited Projected Severity (6) / (4) (7)	Limited Projected Ultimate (2) x (7) (8)
						. ,	,	. ,
Prior	\$ 109,989	10,700	\$ 10.279	1.605	\$ 16.495			
2009	8,973	532	16.867	1.558	26.279			
2010	6,616	576	11.487	1.513	17.375			
2011	6,769	569	11.897	1.469	17.471			
2012	7,293	518	14.079	1.426	20.073			
2013	6,712	540	12.429	1.384	17.205			
2014	8,193	581	14.112	1.344	18.966			
2015	9,061	571	15.866	1.305	20.701			
2016	7,911	637	12.421	1.267	15.735			
2017	9,270	618	14.988	1.230	18.434			
2018	7,904	527	14.992	1.194	17.901			
2019	8,046	564	14.256	1.159	16.526			
2020	9,843	542	18.164	1.126	20.443			
2021	10,376	496	20.933	1.093	22.874			
2022	9,997	516	19.388	1.061	20.568			
2023	10,745	625	17.196	1.030	17.712	\$ 18.900	\$ 18.350	\$ 11,466
2024	10,025	589	17.008	1.000	17.008	18.900	18.900	11,140
Total	\$ 247,723	19,701	Las	2013-2022 Average: st Analysis - Trended:				

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (4) is based on an annual trend of 3.0% for all years.
- 4. Column (6) is based on Column (5).

Selected Ultimate Loss Limited to \$150,000 Per Occurrence (\$000) As of June 30, 2024

Accident Year	Limited Incurred (Data)	Limited Development Methods Selection (Ex. PLP-11)	Limited Projected Ultimate (Ex. PLP-12)	Selected Ultimate Limited Loss (Note 2)
	(1)	(2)	(3)	(4)
Prior 2009	\$ 109,989 8,973	\$ 109,989 8,973		\$ 109,989 8,973
2010	6,616	6,616		6,616
2011	6,769	6,769		6,769
2012 2013	7,293 6,712	7,293 6,712		7,293 6,712
2014	8,193	8,193		
2015	9,061	9,061		8,193 9,061
2016	7,911	7,911		
2017				7,911
2018	9,270	9,270		9,270
2019	7,904 8,046	7,904		7,904
2020	8,046	8,046		8,046
	10,025	9,843		9,843
2021	10,773	10,376		10,376
2022	12,503	9,997	Φ 44 400	9,997
2023	14,598	10,745	\$ 11,466	11,106
2024	13,426	10,025	11,140	11,140
Total	\$ 258,062	\$ 247,723		\$ 249,199

- 1. Accident years end 6/30.
- 2. Column (4) is based on columns (1) through (3).

Selected Ultimate Loss Excess of \$150,000 Per Occurrence (\$000) As of June 30, 2024

Accident Year	Excess Incurred (Note 2) (1)	Selected Ultimate Limited Loss (Ex. PLP-13) (2)	Increased Limits Factor (Note 3)	Expected Excess Amount (2) x [(3) - 1] (4)	Estimated % Reported (Note 4) (5)	Bornhuetter- Ferguson Estimate (1) + (4) x [1 - (5)] (6)	Selected Ultimate Excess Loss (Note 5) (7)
Prior	\$ 193,753				100.0%		\$ 193,753
2009	5,648				100.0%		5,648
2010	4,074				100.0%		4,074
2011	18,880				99.7%		18,880
2012	11,944				99.0%		11,944
2013	9,777				98.0%		9,777
2014	16,349				96.7%		16,349
2015	12,832				95.2%		12,832
2016	26,768				93.5%		26,768
2017	10,684	\$ 9,270	2.559	\$ 14,453	84.5%	\$ 12,931	12,931
2018	6,674	7,904	2.595	12,609	81.1%	9,052	9,052
2019	4,892	8,046	2.632	13,134	78.1%	7,763	7,763
2020	10,818	9,843	2.670	16,442	74.9%	14,943	14,943
2021	14,517	10,376	2.709	17,736	71.6%	19,562	19,562
2022	6,977	9,997	2.749	17,487	65.4%	13,034	15,261
2023	9,883	11,106	2.790	19,880	55.9%	18,659	19,473
2024	7,919	11,140	2.832	20,407	29.1%	22,393	20,407
Total	\$ 372,390						\$ 419,417

- 1. Accident years end 6/30.
- 2. Column (1) = Exhibit PLP-6, Column (1) Exhibit PLP-11, Column (1).
- 3. Column (3) is based on historical CJPIA closed claim information.
- 4. Column (5) is based on our selected loss development patterns.
- 5. Column (7) is Column (1) through 2017 and based on columns (4) and (6) for 2018 through 2024.

Total Limits Incurred ALAE Development (\$000) As of June 30, 2024

Accident							7100	1 00110 00, <u>2</u>	-02-1							
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$2,075	\$7,549	\$9,855	\$11,292	\$11,517	\$11,722	\$11,772	\$11,772	\$11,673	\$11,666	\$11,666	\$11,666	\$11,666	\$11,703	\$11,857	\$11,711
2010	1,841	5,623	7,432	7,454	7,388	7,997	8,129	8,430	8,155	8,156	8,156	8,156	8,156	8,156	8,156	
2011	1,690	6,904	9,993	12,294	12,700	12,884	13,177	13,421	13,560	13,453	13,660	13,660	13,660	13,792		
2012	2,576	6,947	7,763	8,440	8,400	8,508	8,502	8,495	8,492	8,512	8,502	8,502	8,502			
2013	1,503	5,514	7,427	7,988	8,267	8,282	8,287	8,297	8,281	8,418	8,418	8,418				
2014	1,566	7,571	9,276	11,793	11,578	11,478	11,320	11,325	11,321	11,321	11,321					
2015	5,248	11,217	10,499	11,518	12,196	12,373	12,279	12,616	12,541	12,580						
2016	2,431	7,526	9,343	10,143	11,582	11,873	12,165	12,125	12,280							
2017	1,461	6,540	9,234	10,488	10,501	11,241	11,265	11,774								
2018	1,528	5,971	6,940	8,267	9,272	9,686	9,933									
2019	2,049	6,296	7,726	8,072	9,034	9,273										
2020	2,494	6,889	8,210	9,791	10,066											
2021	2,279	8,091	9,231	10,483												
2022	2,177	8,927	10,044													
2023	1,760	8,845														
2024	2,970															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	3.638	1.306	1.146	1.020	1.018	1.004	1.000	0.992	0.999	1.000	1.000	1.000	1.003	1.013	0.988	
2010	3.054	1.322	1.003	0.991	1.082	1.017	1.037	0.967	1.000	1.000	1.000	1.000	1.000	1.000		
2011	4.084	1.447	1.230	1.033	1.015	1.023	1.019	1.010	0.992	1.015	1.000	1.000	1.010			
2012	2.697	1.117	1.087	0.995	1.013	0.999	0.999	1.000	1.002	0.999	1.000	1.000				
2013	3.668	1.347	1.076	1.035	1.002	1.001	1.001	0.998	1.017	1.000	1.000					
2014	4.835	1.225	1.271	0.982	0.991	0.986	1.000	1.000	1.000	1.000						
2015	2.137	0.936	1.097	1.059	1.015	0.992	1.027	0.994	1.003							
2016	3.096	1.241	1.086	1.142	1.025	1.025	0.997	1.013								
2017	4.475	1.412	1.136	1.001	1.070	1.002	1.045									
2018	3.907	1.162	1.191	1.122	1.045	1.025										
2019	3.073	1.227	1.045	1.119	1.026											
2020	2.762	1.192	1.193	1.028												
2021	3.550	1.141	1.136													
2022	4.100	1.125														
2023	5.025															
Vol Wtd Avg	3.379	1.211	1.134	1.042	1.026	1.007	1.014	0.998	1.001	1.003	1.000	1.000	1.005	1.008	0.988	
3 Yr Vol Wtd Avg	4.160	1.150	1.126	1.086	1.048	1.017	1.023	1.002	1.005	1.000	1.000	1.000	1.005	1.000	0.000	
4 Yr Vol Wtd Avg	3.760	1.166	1.140	1.062	1.042	1.010	1.017	1.001	1.005	1.005	1.000	1.000	1.000			
5 Yr Vol Wtd Avg	3.629	1.165	1.139	1.079	1.035	1.005	1.015	1.001	1.002	1.004	1.000	1.000				
o ni voi vita ivg	0.020	1.100	1.100	1.070	1.000	1.000	1.010	1.001	1.002	1.004	1.000					
Prior Selection	3.436	1.224	1.128	1.084	1.028	1.006	1.006	1.005	1.004	1.004	1.003	1.002	1.001	1.001	1.000	1.000
Selected	3.629	1.165	1.139	1.079	1.035	1.007	1.006	1.005	1.004	1.004	1.003	1.002	1.001	1.000	1.000	1.000
		. ===	4.64-		4.00-	4.00-						4 00-		4.00-	4.00-	4.00-
Cumulative	5.552	1.530	1.313	1.153	1.069	1.032	1.025	1.019	1.014	1.010	1.006	1.003	1.001	1.000	1.000	1.000
Ratio to Ult	0.180	0.654	0.761	0.867	0.936	0.969	0.975	0.981	0.986	0.990	0.994	0.997	0.999	1.000	1.000	1.000

^{1.} Accident years end 6/30.

Total Limits Paid ALAE Development (\$000) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$206	\$2,961	\$7,493	\$9,674	\$10,999	\$11,535	\$11,670	\$11,699	\$11,666	\$11,666	\$11,666	\$11,666	\$11,666	\$11,671	\$11,696	\$11,700
2010	148	1,838	5,251	6,464	6,810	7,590	7,917	8,146	8,155	8,156	8,156	8,156	8,156	8,156	8,156	
2011	185	2,904	7,801	11,142	12,080	12,510	12,767	13,021	13,406	13,451	13,484	13,576	13,645	13,744		
2012	179	2,444	6,103	7,643	8,280	8,499	8,502	8,495	8,492	8,502	8,502	8,502	8,502			
2013	125	2,233	5,340	7,358	8,000	8,282	8,283	8,281	8,281	8,418	8,418	8,418				
2014	249	2,650	6,680	9,681	11,042	11,195	11,316	11,320	11,321	11,321	11,321					
2015	487	3,372	7,481	10,093	11,548	11,930	11,990	12,494	12,527	12,556						
2016	517	3,127	6,680	8,767	10,789	11,476	11,784	11,986	12,122							
2017	181	1,981	6,660	9,173	9,981	10,679	11,026	11,614								
2018	198	1,959	4,754	6,650	8,223	9,139	9,780									
2019	295	2,177	4,751	6,609	7,896	8,613										
2020	453	2,627	5,076	7,532	9,068											
2021	446	2,223	5,255	8,135												
2022	143	1,661	5,244													
2023	127	1,992														
2024	302															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	14.393	2.530	1.291	1.137	1.049	1.012	1.002	0.997	1.000	1.000	1.000	1.000	1.000	1.002	1.000	
2010	12.448	2.856	1.231	1.054	1.115	1.043	1.029	1.001	1.000	1.000	1.000	1.000	1.000	1.000		
2011	15.735	2.686	1.428	1.084	1.036	1.021	1.020	1.030	1.003	1.002	1.007	1.005	1.007			
2012	13.634	2.498	1.252	1.083	1.026	1.000	0.999	1.000	1.001	1.000	1.000	1.000				
2013	17.848	2.391	1.378	1.087	1.035	1.000	1.000	1.000	1.017	1.000	1.000					
2014	10.625	2.521	1.449	1.141	1.014	1.011	1.000	1.000	1.000	1.000						
2015	6.922	2.219	1.349	1.144	1.033	1.005	1.042	1.003	1.002							
2016	6.053	2.136	1.313	1.231	1.064	1.027	1.017	1.011								
2017	10.943	3.362	1.377	1.088	1.070	1.032	1.053									
2018	9.916	2.427	1.399	1.237	1.111	1.070										
2019	7.368	2.182	1.391	1.195	1.091											
2020	5.801	1.932	1.484	1.204												
2021	4.986	2.364	1.548													
2022	11.637	3.157														
2023	15.708															
Vol Wtd Avg	9.180	2.476	1.373	1.138	1.055	1.021	1.019	1.006	1.003	1.001	1.002	1.002	1.003	1.001	1.000	
3 Yr Vol Wtd Avg	8.213	2.392	1.477	1.212	1.089	1.041	1.037	1.005	1.005	1.000	1.003	1.002	1.003			
4 Yr Vol Wtd Avg	7.278	2.339	1.458	1.174	1.082	1.031	1.028	1.004	1.004	1.001	1.002	1.002				
5 Yr Vol Wtd Avg	7.296	2.356	1.438	1.187	1.070	1.027	1.024	1.003	1.004	1.001	1.002					
Prior Selection	6.938	2.416	1.387	1.173	1.055	1.016	1.014	1.008	1.005	1.005	1.004	1.004	1.004	1.004	1.000	1.000
Selected	7.296	2.356	1.438	1.187	1.070	1.027	1.024	1.005	1.004	1.003	1.003	1.002	1.001	1.001	1.000	1.000
Cumulative	33.648	4.612	1.957	1.361	1.147	1.072	1.044	1.019	1.014	1.010	1.007	1.004	1.002	1.001	1.000	1.000
Ratio to Ult	0.030	0.217	0.511	0.735	0.872	0.933	0.958	0.981	0.986	0.990	0.993	0.996	0.998	0.999	1.000	1.000
	0.000	5.2.7	0.0.1	350	0.0.2	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000		

^{1.} Accident years end 6/30.

Developed Experience - Total Limits ALAE (\$000) As of June 30, 2024

Accident Year	Incurred ALAE (Data) (1)	Incurred Factor to Ultimate (Ex. PLP-15) (2)	Incurred Development Ultimate (1) x (2) (3)	Paid ALAE (Data) (4)	Paid Factor to Ultimate (Ex. PLP-16) (5)	Paid Developed Ultimate (4) x (5) (6)	Development Methods Selection (Note 2) (7)
Prior	\$ 170,861	1.000	\$ 170,861	\$ 170,860	1.000	\$ 170,860	\$ 170,861
2009	11,711	1.000	11,711	11,700	1.000	11,700	11,711
2010	8,156	1.000	8,156	8,156	1.000	8,156	8,156
2011	13,792	1.000	13,792	13,744	1.001	13,757	13,792
2012	8,502	1.001	8,511	8,502	1.002	8,519	8,515
2013	8,418	1.003	8,444	8,418	1.004	8,452	8,448
2014	11,321	1.006	11,389	11,321	1.007	11,401	11,395
2015	12,580	1.010	12,706	12,556	1.010	12,682	12,694
2016	12,280	1.014	12,453	12,122	1.014	12,293	12,373
2017	11,774	1.019	12,000	11,614	1.019	11,836	11,918
2018	9,933	1.025	10,184	9,780	1.044	10,206	10,195
2019	9,273	1.032	9,573	8,613	1.072	9,232	9,403
2020	10,066	1.069	10,756	9,068	1.147	10,400	10,637
2021	10,483	1.153	12,087	8,135	1.361	11,073	11,749
2022	10,044	1.313	13,191	5,244	1.957	10,265	13,191
2023	8,845	1.530	13,533	1,992	4.612	9,185	13,533
2024	2,970	5.552	16,488	302	33.648	10,160	16,488
Total	\$ 331,009		\$ 355,833	\$ 312,127		\$ 340,176	\$ 355,058

- 1. Accident years end 6/30.
- 2. Column (7) is based on columns (3) and (6).

Total Limits ALAE Severity Analysis (\$000) As of June 30, 2024

		Selected						
	Development	Ultimate		On-Level	Indicated	Selected		
	Methods	CWP Occurrence	Indicated	Trend	On-Level	On-Level	Projected	Projected
Accident	Selection	Count	Severity	Factor	Severity	Severity	Severity	Ultimate
Year	(Ex. PLP-17)	(Ex. PLP-3)	(1) / (2)	(Note 3)	(3) x (4)	(Note 4)	(6) / (4)	(2) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prior	\$ 170,861	10,700	\$ 15.968	1.373	\$ 21.921			
2009	11,711	532	22.013	1.346	29.626			
2010	8,156	576	14.159	1.319	18.683			
2011	13,792	569	24.239	1.294	31.356			
2012	8,515	518	16.438	1.268	20.847			
2013	8,448	540	15.644	1.243	19.452			
2014	11,395	581	19.627	1.219	23.925			
2015	12,694	571	22.226	1.195	26.562			
2016	12,373	637	19.426	1.172	22.761			
2017	11,918	618	19.270	1.149	22.135			
2018	10,195	527	19.338	1.126	21.778			
2019	9,403	564	16.660	1.104	18.394			
2020	10,637	542	19.630	1.082	21.248			
2021	11,749	496	23.704	1.061	25.155			
2022	13,191	516	25.581	1.040	26.614			
2023	13,533	625	21.657	1.020	22.090	\$ 22.600	\$ 22.157	\$ 13,845
2024	16,488	589	27.974	1.000	27.974	22.600	22.600	13,321
Total	\$ 355,058	19,701		2018-2022 Average:	22.638			
			Las	st Analysis - Trended:	19.584			

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (4) is based on an annual trend of 2.0%.
- 4. Column (6) is based on Column (5).

Selected Ultimate Total Limits ALAE (\$000) As of June 30, 2024

		Development		
	Incurred	Methods	Projected	Selected
Accident	ALAE	Selection	Ultimate	Ultimate
Year	(Data)	(Ex. PLP-17)	(Ex. PLP-18)	(Note 2)
	(1)	(2)	(3)	(4)
Delta	Φ 470.004	Φ 470.004		ф. 470.004
Prior	\$ 170,861	\$ 170,861		\$ 170,861
2009	11,711	11,711		11,711
2010	8,156	8,156		8,156
2011	13,792	13,792		13,792
2012	8,502	8,515		8,515
2013	8,418	8,448		8,448
2014	11,321	11,395		11,395
2015	12,580	12,694		12,694
2016	12,280	12,373		12,373
2017	11,774	11,918		11,918
2018	9,933	10,195		10,195
2019	9,273	9,403		9,403
2020	10,066	10,637		10,637
2021	10,483	11,749		11,749
2022	10,044	13,191		13,191
2023	8,845	13,533	\$ 13,845	13,689
2024	2,970	16,488	13,321	13,321
Total	\$ 331,009	\$ 355,058		\$ 352,047

- 1. Accident years end 6/30.
- 2. Column (4) is based on columns (1) through (3).

Selected Ultimate Total Limits Loss & ALAE (\$000) As of June 30, 2024

Accident Year	Incurred Amount (Data) (1)	Selected Ultimate Total Limits Loss (Ex. PLP-8) (2)	Selected Ultimate Limited Loss (Ex. PLP-13) (3)	Selected Ultimate Excess Loss (Ex. PLP-14) (4)	Ultimate Limited + Excess Loss (3) + (4) (5)	Selected Ultimate Loss (Note 2) (6)	Selected Ultimate ALAE (Ex. PLP-19) (7)	Selected Ultimate (6) + (7) (8)	Prior Ultimate (Note 3) (9)	Change (8) - (9) (10)
Prior	\$ 474,602	\$ 303,741	\$ 109,989	\$ 193,753	\$ 303,741	\$ 303,741	\$ 170,861	\$ 474,602	\$ 474,607	\$ (5)
2009	26,332	14,622	8,973	5,648	14,622	14,622	11,711	26,332	26,554	(221)
2010	18,846	10,690	6,616	4,074	10,690	10,690	8,156	18,846	18,885	(39)
2011	39,442	25,661	6,769	18,880	25,650	25,655	13,792	39,447	37,454	1,993
2012	27,739	19,316	7,293	11,944	19,237	19,277	8,515	27,792	27,937	(146)
2013	24,907	16,737	6,712	9,777	16,489	16,613	8,448	25,061	25,276	(215)
2014	35,864	25,221	8,193	16,349	24,543	24,882	11,395	36,277	36,624	(348)
2015	34,473	22,870	9,061	12,832	21,894	22,382	12,694	35,076	35,445	(369)
2016	46,959	35,426	7,911	26,768	34,679	35,053	12,373	47,425	47,401	24
2017	31,728	21,104	9,270	12,931	22,201	21,652	11,918	33,571	33,478	93
2018	24,511	16,394	7,904	9,052	16,956	16,675	10,195	26,870	27,340	(470)
2019	22,210	14,064	8,046	7,763	15,809	14,937	9,403	24,339	24,835	(496)
2020	30,909	23,112	9,843	14,943	24,786	23,949	10,637	34,586	30,172	4,414
2021	35,773	27,872	10,376	19,562	29,938	28,905	11,749	40,654	36,430	4,224
2022	29,524	22,528	9,997	15,261	25,258	25,258	13,191	38,448	38,998	(550)
2023	33,326	30,456	11,106	19,473	30,579	30,579	13,689	44,268	40,951	3,317
2024	24,315	30,650	11,140	20,407	31,547	31,547	13,321	44,868	41,521	3,347
Total	\$ 961,461	\$ 660,463	\$ 249,199	\$ 419,417	\$ 668,616	\$ 666,415	\$ 352,047	\$ 1,018,461	\$ 1,003,908	\$ 14,553

- 1. Accident years end 6/30.
- 2. Column (6) is based on columns (2) and (5).
- 3. Column (9) is from Milliman's prior report dated 10/23/23, adjusted to current payroll volume.

Selected Future Other Recoverable (\$000) As of June 30, 2024

Accident Year	Gross Incurred ss & ALAE (Data) (1)	Re	Total ecoveries (Data) (2)	or Oc	ecoveries n Excess currences (Data) (3)	Other ecoveries (2) - (3)	Indicated Ratio (4) / (1) (5)	Selected Ratio (Note 2) (6)	Lo	Selected Ultimate ss & ALAE x. PLP-20) (7)	Red	Future Other coverable (7)x(6)-(4),0] (8)
Prior	\$ 474,602	\$	37,741	\$	19,961	\$ 17,780	0.037	0.037	\$	474,602	\$	-
2009	26,332		361		_	361	0.014	0.014		26,332		_
2010	18,846		883		-	883	0.047	0.047		18,846		-
2011	39,442		1,489		700	788	0.020	0.020		39,447		0
2012	27,739		88		-	88	0.003	0.003		27,792		0
2013	24,907		1,174		-	1,174	0.047	0.047		25,061		7
2014	35,864		188		-	188	0.005	0.005		36,277		2
2015	34,473		1,520		619	901	0.026	0.026		35,076		16
2016	46,959		15,951		15,696	255	0.005	0.005		47,425		3
2017	31,728		3,389		2,787	603	0.019	0.019		33,571		35
2018	24,511		181		30	151	0.006	0.006		26,870		15
2019	22,210		330		-	330	0.015	0.015		24,339		32
2020	30,909		446		-	446	0.014	0.014		34,586		53
2021	35,773		322		-	322	0.009	0.009		40,654		44
2022	29,524		93		-	93	0.003	0.016		38,448		531
2023	33,326		33		-	33	0.001	0.016		44,268		686
2024	24,315		-		-	-	0.000	0.016		44,868		728
Total	\$ 961,461	\$	64,189	\$	39,793	\$ 24,396			\$	1,018,461	\$	2,151

^{1.} Accident years end 6/30.

^{2.} Column (6) is selected based on column (5).

Future

Excess Loss & ALAE Recoveries (\$000) As of June 30, 2024

Accident Year	Gross Ultimate Loss & ALAE (Ex. PLP-20) (1)	Gross Paid Loss & ALAE (Data) (2)	Gross Loss & ALAE Reserves (1) - (2) (3)	Loss & ALAE Case Reserves Excess of Retention (Data) (4)	Specific Retention (Note 2) (5)	Excess Factor (Note 3) (6)	External and Sequoia Pacific Excess Recoverable (Note 4) (7)
Prior	\$ 474,602	\$ 474,466	\$ 136	\$ 136	Multiple	0.000	\$ 136
2009	26,332	26,321	11	-	\$ 2,000		0
2010	18,846	18,846	-	-	5,000		-
2011	39,447	39,052	396	390	5,000		10
2012	27,792	27,739	52	-	5,000		1
2013	25,061	24,907	154	-	5,000		10
2014	36,277	35,834	443	-	5,000		28
2015	35,076	34,420	656	-	2,000		70
2016	47,425	46,401	1,024	-	2,000		169
2017	33,571	31,217	2,353	-	2,000		1,022
2018	26,870	24,347	2,523	36	500		1,556
2019	24,339	19,974	4,365	-	5,000		744
2020	34,586	20,572	14,014	1,349	3,000		2,756
2021	40,654	24,689	15,965	0	3,000		3,634
2022	38,448	14,633	23,815	33	3,000		4,471
2023	44,268	6,416	37,852	64	3,000		5,371
2024	44,868	1,665	43,203	58	3,000		6,548
Total	\$ 1,018,461	\$ 871,500	\$ 146,961	\$ 2,066			\$ 26,528

- 1. Accident years end 6/30.
- 2. Exhibit 4 contains the complete retention history. For 2020 and subsequent, Sequoia Pacific retains the layer from \$3 million to \$5 million for 2020 through 2022, and the layer from \$3 million to \$6 million for 2023 and 2024, up to an aggregate amount. Once Sequoia's aggregate is exhausted, the Authority retains that additional layer.
- 3. Excess factors based on CJPIA historical closed claim data, and assumed to be 0 for accident years 2008 and prior.
- 4. For accident years prior to 2009, column (7) = Max[(3) x (6), (4)]. For accident years 2009 and subsequent, excess recoverable on unpaid loss & ALAE is estimated on Pages 2 17 of this exhibit.

Future Excess Recoverable - Accident Year 2009 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE	Data	\$26,321
(2) Excess of \$2M SIR Paid Loss & ALAE	Data	0
(3) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(4) \$3M Aggregate Deductible, \$2M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$3M, (2) - (3)]	0
(5) Paid Loss & ALAE Applicable to Quota Share	(2) - (3) - (4)	0
(6) Retained Quota Share on Paid Loss & ALAE	40% x (5)	0
(7) Excess Insurance Recoverable on Paid Loss & ALAE	(2) - (4) - (6)	0
(8) Other Recoveries on Paid Loss & ALAE	Data	361
(9) Retained Paid Loss & ALAE	(1) - (7) - (8)	25,960
(10) Total Limits Ultimate Loss & ALAE	(Ex. PLP-20)	26,332
(11) Total Limits Unpaid Loss & ALAE	(10) - (1)	11
(12) \$2M SIR Excess Loss & ALAE Factor	(Note 2)	0.140
(13) Excess of \$2M SIR Ultimate Loss & ALAE	(11) x (12) + (2)	2
(14) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.035
(15) Excess of \$10M SIR Ultimate Loss & ALAE	(11) x (14) + (3)	0
(16) \$3M Aggregate Deductible, \$2M - \$10M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (13) - (15)]	1
(17) Ultimate Loss & ALAE Applicable to Quota Share	(13) - (15) - (16)	0
(18) Retained Quota Share on Ultimate Loss & ALAE	40% x (17)	0
(19) Future Excess Recoverable	(13) - (16) - (18) - (7)	0

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2010 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE	Data	\$18,846
(2) Excess of \$5M SIR Paid Loss & ALAE	Data	0
(3) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(4) \$2.5M Aggregate Deductible, \$5M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (2) - (3)]	0
(5) Excess Insurance Recoverable on Paid Loss & ALAE	(2) - (4)	0
(6) Other Recoveries on Paid Loss & ALAE	Data	883
(7) Retained Paid Loss & ALAE	(1) - (5) - (6)	17,963
(8) Total Limits Ultimate Loss & ALAE	(Ex. PLP-20)	18,846
(9) Total Limits Unpaid Loss & ALAE	(8) - (1)	0
(10) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.070
(11) Excess of \$5M SIR Ultimate Loss & ALAE	(9) x (10) + (2)	0
(12) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.037
(13) Excess of \$10M SIR Ultimate Loss & ALAE	$(9) \times (12) + (3)$	0
(14) \$2.5M Aggregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min[\$2.5M, (11) - (13)]	0
(15) Future Excess Recoverable	(11) - (14) - (5)	0

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2011 (\$000) As of June 30, 2024

	Item	Source	Value
(1) Total Limit	s Paid Loss & ALAE	Data	\$39,052
(2) Excess of	\$5M SIR Paid Loss & ALAE	Data	0
(3) Excess of	\$10M SIR Paid Loss & ALAE	Data	0
(4) Excess of	\$15M SIR Paid Loss & ALAE	Data	0
(5) \$2.5M Agg	regate Deductible, \$5M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (2) - (3)]	0
(6) \$3M Aggre	egate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (3) - (4)]	0
(7) Excess Ins	surance Recoverable on Paid Loss & ALAE	(2) - (5) - (6)	0
(8) Other Red	overies on Paid Loss & ALAE	Data	788
(9) Retained I	Paid Loss & ALAE	(1) - (7) - (8)	38,263
(10) Total Limit	s Ultimate Loss & ALAE	(Ex. PLP-20)	39,447
(11) Total Limit	s Unpaid Loss & ALAE	(10) - (1)	396
(12) \$5M SIR E	Excess Loss & ALAE Factor	(Note 2)	0.072
(13) Excess of	\$5M SIR Ultimate Loss & ALAE	(11) x (12) + (2)	28
(14) \$10M SIR	Excess Loss & ALAE Factor	(Note 2)	0.038
(15) Excess of	\$10M SIR Ultimate Loss & ALAE	(11) x (14) + (3)	15
(16) \$15M SIR	Excess Loss & ALAE Factor	(Note 2)	0.025
(17) Excess of	\$15M SIR Ultimate Loss & ALAE	(11) x (16) + (4)	10
(18) \$2.5M Agg	gregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min[\$2.5M, (13) - (15)]	13
(19) \$3M Aggre	egate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (15) - (17)]	5
(20) Future Exc	cess Recoverable	(13) - (18) - (19) - (7)	10

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2012 (\$000) As of June 30, 2024

	Item	Source	Value
(1) Total Limits Paid Loss & ALAE		Data	\$27,739
(2) Excess of \$5M SIR Paid Loss & ALA	AE	Data	1,280
(3) Excess of \$10M SIR Paid Loss & Al	.AE	Data	0
(4) Excess of \$15M SIR Paid Loss & Al	AE	Data	0
(5) \$2.5M Aggregate Deductible, \$5M -	\$10M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (2) - (3)]	1,280
(6) \$3M Aggregate Deductible, \$10M -	\$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (3) - (4)]	0
(7) Excess Insurance Recoverable on F	Paid Loss & ALAE	(2) - (5) - (6)	0
(8) Other Recoveries on Paid Loss & A	LAE	Data	88
(9) Retained Paid Loss & ALAE		(1) - (7) - (8)	27,651
(10) Total Limits Ultimate Loss & ALAE		(Ex. PLP-20)	27,792
(11) Total Limits Unpaid Loss & ALAE		(10) - (1)	52
(12) \$5M SIR Excess Loss & ALAE Fact	or	(Note 2)	0.074
(13) Excess of \$5M SIR Ultimate Loss &	ALAE	(11) x (12) + (2)	1,284
(14) \$10M SIR Excess Loss & ALAE Fac	etor	(Note 2)	0.039
(15) Excess of \$10M SIR Ultimate Loss 8	& ALAE	(11) x (14) + (3)	2
(16) \$15M SIR Excess Loss & ALAE Fac	etor	(Note 2)	0.026
(17) Excess of \$15M SIR Ultimate Loss 8	& ALAE	(11) x (16) + (4)	1
(18) \$2.5M Aggregate Deductible, \$5M -	\$10M SIR Layer - Ultimate Loss & ALAE	Min[\$2.5M, (13) - (15)]	1,282
(19) \$3M Aggregate Deductible, \$10M -	\$15M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (15) - (17)]	1
(20) Future Excess Recoverable		(13) - (18) - (19) - (7)	1

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2013 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE	Data	\$24,907
(2) Excess of \$5M SIR Paid Loss & ALAE	Data	0
(3) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(4) Excess of \$15M SIR Paid Loss & ALAE	Data	0
(5) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (3) - (4)]	0
(6) Excess Insurance Recoverable on Paid Loss & ALAE	(2) - (5)	0
(7) Other Recoveries on Paid Loss & ALAE	Data	1,174
(8) Retained Paid Loss & ALAE	(1) - (6) - (7)	23,733
(9) Total Limits Ultimate Loss & ALAE	(Ex. PLP-20)	25,061
(10) Total Limits Unpaid Loss & ALAE	(9) - (1)	154
(11) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.076
(12) Excess of \$5M SIR Ultimate Loss & ALAE	(10) x (11) + (2)	12
(13) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.040
(14) Excess of \$10M SIR Ultimate Loss & ALAE	$(10) \times (13) + (3)$	6
(15) \$15M SIR Excess Loss & ALAE Factor	(Note 2)	0.027
(16) Excess of \$15M SIR Ultimate Loss & ALAE	(10) x (15) + (4)	4
(17) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (14) - (16)]	2
(18) Future Excess Recoverable	(12) - (17) - (6)	10

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2014 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE	Data	\$35,834
(2) Excess of \$5M SIR Paid Loss & ALAE	Data	0
(3) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(4) Excess of \$15M SIR Paid Loss & ALAE	Data	0
(5) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (3) - (4)]	0
(6) Excess Insurance Recoverable on Paid Loss & ALAE	(2) - (5)	0
(7) Other Recoveries on Paid Loss & ALAE	Data	188
(8) Retained Paid Loss & ALAE	(1) - (6) - (7)	35,646
(9) Total Limits Ultimate Loss & ALAE	(Ex. PLP-20)	36,277
(10) Total Limits Unpaid Loss & ALAE	(9) - (1)	443
(11) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.078
(12) Excess of \$5M SIR Ultimate Loss & ALAE	(10) x (11) + (2)	35
(13) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.042
(14) Excess of \$10M SIR Ultimate Loss & ALAE	(10) x (13) + (3)	18
(15) \$15M SIR Excess Loss & ALAE Factor	(Note 2)	0.028
(16) Excess of \$15M SIR Ultimate Loss & ALAE	(10) x (15) + (4)	12
(17) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (14) - (16)]	6
(18) Future Excess Recoverable	(12) - (17) - (6)	28

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2015 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE	Data	\$34,420
(2) Excess of \$2M SIR Paid Loss & ALAE	Data	3,733
(3) Excess of \$5M SIR Paid Loss & ALAE	Data	0
(4) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(5) Excess of \$15M SIR Paid Loss & ALAE	Data	0
(6) \$2.5M Aggregate Deductible, \$2M - \$5M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (2) - (3)]	2,500
(7) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (4) - (5)]	0
(8) Paid Loss & ALAE Applicable to Quota Share	(2) - (3) - (6)	1,233
(9) Retained Quota Share on Paid Loss & ALAE	50% x (8)	617
(10) Excess Insurance Recoverable on Paid Loss & ALAE	(2) - (6) - (7) - (9)	617
(11) Other Recoveries on Paid Loss & ALAE	Data	901
(12) Retained Paid Loss & ALAE	(1) - (10) - (11)	32,903
(13) Total Limits Ultimate Loss & ALAE	(Ex. PLP-20)	35,076
(14) Total Limits Unpaid Loss & ALAE	(13) - (1)	656
(15) \$2M SIR Excess Loss & ALAE Factor	(Note 2)	0.161
(16) Excess of \$2M SIR Ultimate Loss & ALAE	(14) x (15) + (2)	3,839
(17) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.081
(18) Excess of \$5M SIR Ultimate Loss & ALAE	$(14) \times (17) + (3)$	53
(19) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.043
(20) Excess of \$10M SIR Ultimate Loss & ALAE	(14) x (19) + (4)	28
(21) \$15M SIR Excess Loss & ALAE Factor	(Note 2)	0.029
(22) Excess of \$15M SIR Ultimate Loss & ALAE	(14) x (21) + (5)	19
(23) \$2.5M Aggregate Deductible, \$2M - \$5M SIR Layer - Ultimate Loss & ALAE	Min[\$2.5M, (16) - (18)]	2,500
(24) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (20) - (22)]	9
(25) Ultimate Loss & ALAE Applicable to Quota Share	(16) - (18) - (23)	1,286
(26) Retained Quota Share on Ultimate Loss & ALAE	50% x (25)	643
(27) Future Excess Recoverable	(16) - (23) - (24) - (26) - (10)	70

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2016 (\$000) As of June 30, 2024

ltem	Source	Value
(1) Total Limits Paid Loss & ALAE	Data	\$46,401
(2) Excess of \$2M SIR Paid Loss & ALAE	Data	21,218
(3) Excess of \$5M SIR Paid Loss & ALAE	Data	15,753
(4) Excess of \$10M SIR Paid Loss & ALAE	Data	10,753
(5) Excess of \$15M SIR Paid Loss & ALAE	Data	5,753
(6) \$2.5M Aggregate Deductible, \$2M - \$5M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (2) - (3)]	2,500
(7) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (4) - (5)]	3,000
(8) Excess Insurance Recoverable on Paid Loss & ALAE	(2) - (6) - (7)	15,718
(9) Other Recoveries on Paid Loss & ALAE	Data	255
(10) Retained Paid Loss & ALAE	(1) - (8) - (9)	30,428
(11) Total Limits Ultimate Loss & ALAE	(Ex. PLP-20)	47,425
(12) Total Limits Unpaid Loss & ALAE	(11) - (1)	1,024
(13) \$2M SIR Excess Loss & ALAE Factor	(Note 2)	0.165
(14) Excess of \$2M SIR Ultimate Loss & ALAE	(12) x (13) + (2)	21,387
(15) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.083
(16) Excess of \$5M SIR Ultimate Loss & ALAE	$(12) \times (15) + (3)$	15,838
(17) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.045
(18) Excess of \$10M SIR Ultimate Loss & ALAE	$(12) \times (17) + (4)$	10,799
(19) \$15M SIR Excess Loss & ALAE Factor	(Note 2)	0.030
(20) Excess of \$15M SIR Ultimate Loss & ALAE	(12) x (19) + (5)	5,784
(21) \$2.5M Aggregate Deductible, \$2M - \$5M SIR Layer - Ultimate Loss & ALAE	Min[\$2.5M, (14) - (16)]	2,500
(22) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min[\$3M, (18) - (20)]	3,000
(23) Future Excess Recoverable	(14) - (21) - (22) - (8)	169

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.

Future Excess Recoverable - Accident Year 2017 (\$000) As of June 30, 2024

	Item	Source	Value
(1) Total	Limits Paid Loss & ALAE - Primary Program	Data	\$31,217
(2) Total	Limits Paid Loss & ALAE - Excess Program	Data	1,840
(3) Exces	ss of \$2M SIR Paid Loss & ALAE	Data	5,287
(4) Exces	ss of \$5M SIR Paid Loss & ALAE	Data	2,287
(5) Exces	ss of \$10M SIR Paid Loss & ALAE	Data	0
(6) Exces	ss of \$15M SIR Paid Loss & ALAE	Data	0
(7) \$2.51	M Aggregate Deductible, \$2M - \$5M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (3) - (4)]	2,500
(8) \$3M	Aggregate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (5) - (6)]	0
(9) Exces	ss Insurance Recoverable on Paid Loss & ALAE	(3) - (7) - (8)	2,787
(10) Other	r Recoveries on Paid Loss & ALAE	Data	727
(11) Retai	ned Paid Loss & ALAE	(1) + (2) - (9) - (10)	29,544
(12) Total	Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	33,571
(13) Total	Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	1,983
(14) Total	Limits Unpaid Loss & ALAE	(12) + (13) - (1) - (2)	2,496
(15) \$2M	SIR Excess Loss & ALAE Factor	(Note 2)	0.169
(16) Exces	ss of \$2M SIR Ultimate Loss & ALAE	[(12)+(13)]x(15)x18% + (3)	6,366
(17) \$5M	SIR Excess Loss & ALAE Factor	(Note 2)	0.085
(18) Exces	ss of \$5M SIR Ultimate Loss & ALAE	[(12)+(13)]x(17)x18% + (4)	2,832
(19) \$10M	SIR Excess Loss & ALAE Factor	(Note 2)	0.046
(20) Exces	ss of \$10M SIR Ultimate Loss & ALAE	[(12)+(13)]x(19)x18% + (5)	294
(21) \$15M	SIR Excess Loss & ALAE Factor	(Note 2)	0.031
(22) Exces	ss of \$15M SIR Ultimate Loss & ALAE	[(12)+(13)]x(21)x18% + (6)	197
(23) \$2.5N	И Agg Factor for \$2M - \$5M Layer	(Note 2)	0.390
(24) \$2.51	M Aggregate Deductible, \$2M - \$5M SIR Layer - Ultimate Loss & ALAE	Min{\$2.5M, [(16)-(18)]x(23)}	2,500
(25) \$3M	Agg Factor for \$10M - \$15M Layer	(Note 2)	0.590
(26) \$3M	Aggregate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min{\$3M, [(20)-(22)]x(25)}	57
(27) Futur	e Excess Recoverable	(16) - (24) - (26) - (9)	1,022
(28) Futur	e Excess Recoverable - Primary Program	(27)	1,022
(29) Futur	e Excess Recoverable - Excess Program	(27) - (28)	0

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.

Future Excess Recoverable - Accident Year 2018 (\$000) As of June 30, 2024

	ltem	Source	Value
(1)	Total Limits Paid Loss & ALAE - Primary Program	Data	\$24,347
(2)	Total Limits Paid Loss & ALAE - Excess Program	Data	1,452
(3)	Excess of \$500K SIR Paid Loss & ALAE	Data	5,604
(4)	Excess of \$2M SIR Paid Loss & ALAE	Data	0
(5)	Excess of \$5M SIR Paid Loss & ALAE	Data	0
(6)	Excess of \$10M SIR Paid Loss & ALAE	Data	0
(7)	Excess of \$15M SIR Paid Loss & ALAE	Data	0
(8)	\$6.5M Aggregate Deductible, \$500K - \$2M SIR Layer - Paid Loss & ALAE	Min[\$6.5M, (3) - (4)]	5,604
(9)	\$2.5M Aggregate Deductible, \$2M - \$5M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (4) - (5)]	0
(10) \$2.5M Aggregate Deductible, \$5M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$2.5M, (5) - (6)]	0
(11) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Paid Loss & ALAE	Min[\$3M, (6) - (7)]	0
(12) Paid Loss & ALAE Applicable to Quota Share	(3) - (4) - (8)	0
(13) Retained Quota Share on Paid Loss & ALAE	50% x (12)	0
(14) Excess Insurance Recoverable on Paid Loss & ALAE	(3) - (8) - (9) - (10) - (11) - (13)	0
(15) Other Recoveries on Paid Loss & ALAE	Data	161
(16) Retained Paid Loss & ALAE	(1) + (2) - (14) - (15)	25,637
(17) Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	26,870
(18) Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	1,895
(19) Total Limits Unpaid Loss & ALAE	(17) + (18) - (1) - (2)	2,966
(20) \$500K SIR Excess Loss & ALAE Factor	(Note 2)	0.371
(21) Excess of \$500K SIR Ultimate Loss & ALAE	[(17)+(18)]x(20)x21% + (3)	9,254 *
(22) \$2M SIR Excess Loss & ALAE Factor	(Note 2)	0.172
(23) Excess of \$2M SIR Ultimate Loss & ALAE	[(17)+(18)]x(22)x24% + (4)	1,191
(24) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.088
(25) Excess of \$5M SIR Ultimate Loss & ALAE	[(17)+(18)]x(24)x24% + (5)	604
(26) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.047
(27) Excess of \$10M SIR Ultimate Loss & ALAE	[(17)+(18)]x(26)x24% + (6)	328
(28) \$15M SIR Excess Loss & ALAE Factor	(Note 2)	0.032
(29) Excess of \$15M SIR Ultimate Loss & ALAE	[(17)+(18)]x(28)x24% + (7)	220
(30) \$6.5M Agg Factor for \$500K - \$2M Layer	(Note 2)	0.520
(31) \$6.5M Aggregate Deductible, \$500K - \$2M SIR Layer - Ultimate Loss & ALAE	(Note 4)	6,500
(32) \$2.5M Agg Factor for \$2M - \$5M Layer	(Note 2)	0.390
(33) \$2.5M Aggregate Deductible, \$2M - \$5M SIR Layer - Ultimate Loss & ALAE	Min{\$2.5M, [(23)-(25)]x(32)}	229
(34) \$2.5M Agg Factor for \$5M - \$10M Layer	(Note 2)	0.450
(35) \$2.5M Aggregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min{\$2.5M, [(25)-(27)]x(34)}	124
(36) \$3M Agg Factor for \$10M - \$15M Layer	(Note 2)	0.590
(37) \$3M Aggregate Deductible, \$10M - \$15M SIR Layer - Ultimate Loss & ALAE	Min{\$3M, [(27)-(29)]x(36)}	64
(38) Ultimate Loss & ALAE Applicable to Quota Share	Max[(21) - (23) - (31), 0]	1,564
(39) Retained Quota Share on Paid Loss & ALAE	50% x (38)	782
(40) Future Excess Recoverable	(21)-(31)-(33)-(35)-(37)-(39)-(14)	1,556
(41) Future Excess Recoverable - Primary Program	(40)	1,556
(42) Future Excess Recoverable - Excess Program	(40) - (41)	0

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.
- $4. \ \ \text{Selecting the full amount of coverage given the high incurred to-date amount of $5.3 million in the layer.}$
- 5. (*) Also giving equal weight to the expected method, [(17)+(18)]x(20).

Future Excess Recoverable - Accident Year 2019 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE - Primary Program	Data	\$19,974
(2) Total Limits Paid Loss & ALAE - Excess Program	Data	3,503
(3) Excess of \$5M SIR Paid Loss & ALAE	Data	0
(4) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(5) Excess of \$20M SIR Paid Loss & ALAE	Data	0
(6) \$1M Aggregate Deductible, \$5M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$1M, (3) - (4)]	0
(7) \$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Paid Loss & ALAE	Min[\$3M, (4) - (5)]	0
(8) Excess Insurance Recoverable on Paid Loss & ALAE	(3) - (6) - (7)	0
(9) Other Recoveries on Paid Loss & ALAE	Data	333
(10) Retained Paid Loss & ALAE	(1) + (2) - (8) - (9)	23,144
(11) Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	24,339
(12) Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	4,500
(13) Total Limits Unpaid Loss & ALAE	(11) + (12) - (1) - (2)	5,362
(14) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.089
(15) Excess of \$5M SIR Ultimate Loss & ALAE	[(11)+(12)]x(14)x44% + (3)	1,135
(16) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.049
(17) Excess of \$10M SIR Ultimate Loss & ALAE	[(11)+(12)]x(16)x44% + (4)	618
(18) \$20M SIR Excess Loss & ALAE Factor	(Note 2)	0.024
(19) Excess of \$20M SIR Ultimate Loss & ALAE	[(11)+(12)]x(18)x44% + (5)	308
(20) \$1M Agg Factor for \$5M - \$10M Layer	(Note 2)	0.200
(21) \$1M Aggregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min{\$1M, [(15)-(17)]x(20)}	103
(22) \$3M Agg Factor for \$10M - \$20M Layer	(Note 2)	0.380
(23) \$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	Min{\$3M, [(17)-(19)]x(22)}	118
(24) Future Excess Recoverable	(15) - (21) - (23) - (8)	914
(25) Future Excess Recoverable - Primary Program	(24) x [(11) - (1)] / (13)	744
(26) Future Excess Recoverable - Excess Program	(24) - (25)	170

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.

Future Excess Recoverable - Accident Year 2020 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Incurred Loss & ALAE - Primary Program	Data	\$30,909
(2) Total Limits Incurred Loss & ALAE - Excess Program	Data	17,234
(3) Excess of \$3M SIR Incurred Loss & ALAE	Data	9,263
(4) Excess of \$5M SIR Incurred Loss & ALAE	Data	5,914
(5) Excess of \$10M SIR Incurred Loss & ALAE	Data	914
(6) Excess of \$20M SIR Incurred Loss & ALAE	Data	0
(7) \$5M Aggregate, \$3M - \$5M SIR Layer - Incurred Loss & ALAE	Min[\$5M, (3) - (4)]	3,349
(8) \$1M Aggregate Deductible, \$5M - \$10M SIR Layer - Incurred Loss & ALAE	Min[\$1M, (4) - (5)]	1,000
(9) \$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Incurred Loss & ALA	E Min[\$3M, (5) - (6)]	914
(10) SPRC Excess Insurance Recoverable on Incurred Loss & ALAE	(7) + (8) + (9)	5,263
(11) External Excess Insurance Recoverable on Incurred Loss & ALAE	(4) - (8) - (9)	4,000
(12) Total Excess Insurance Recoverable on Incurred Loss & ALAE	(10) + (11)	9,263
(13) Other Recoveries on Paid Loss & ALAE	Data	485
(14) Retained Incurred Loss & ALAE	(1) + (2) - (12) - (13)	38,394
(15) Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	34,586
(16) Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	18,076
(17) Total Limits IBNR Loss & ALAE	(15) + (16) - (1) - (2)	4,519
(18) \$3M SIR Excess Loss & ALAE Factor	(Note 2)	0.136
(19) Excess of \$3M SIR Expected Loss & ALAE	[(15)+(16)]x(18)	7,147
(20) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.092
(21) Excess of \$5M SIR Expected Loss & ALAE	[(15)+(16)]x(20)	4,838
(22) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.050
(23) Excess of \$10M SIR Expected Loss & ALAE	[(15)+(16)]x(22)	2,646
(24) \$20M SIR Excess Loss & ALAE Factor	(Note 2)	0.025
(25) Excess of \$20M SIR Expected Loss & ALAE	[(15)+(16)]x(24)	1,325
(26) \$5M Agg Factor for \$3M - \$5M Layer	(Note 2)	0.900
(27) \$5M Aggregate, \$3M - \$5M SIR Layer - Ultimate Loss & ALAE	$Min{\$5M, [(19)-(21)]x(26)x24\% + (7)}$	3,847
(28) \$1M Agg Factor for \$5M - \$10M Layer	(Note 2)	0.200
(29) \$1M Aggregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	$Min{\$1M, [(21)-(23)]x(28)x26\% + (8)}$	1,000
(30) \$3M Agg Factor for \$10M - \$20M Layer	(Note 2)	0.380
(31) \$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Ultimate Loss & ALA	E Min{ $$3M$, [(23)-(25)]x(30)x28% + (9)}	1,056
(32) Sequoia Pacific Future Excess Recoverable	(27) + (29) + (31) - \$0 Paid	5,903
(33) External Future Excess Recoverable	(21) - (29) - (31) - \$0 Paid	5,122
(34) Total Future Excess Recoverable	(32) + (33)	11,025
(35) Total Future Excess Recoverable - Primary Program	(34) x 25%*	2,756
(36) Total Future Excess Recoverable - Excess Program	(34) - (35)	8,269

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.
- 4. (*) The allocation percentage is based on the allocation of Total Limits and Excess Layer incurred and case reserves.

Future Excess Recoverable - Accident Year 2021 (\$000) As of June 30, 2024

	Item	Source	Value
(1)	Total Limits Paid Loss & ALAE - Primary Program	Data	\$24,689
(2)	Total Limits Paid Loss & ALAE - Excess Program	Data	6,600
(3)	Excess of \$3M SIR Paid Loss & ALAE	Data	2,929
(4)	Excess of \$5M SIR Paid Loss & ALAE	Data	929
(5)	Excess of \$10M SIR Paid Loss & ALAE	Data	0
(6)	Excess of \$20M SIR Paid Loss & ALAE	Data	0
(7)	\$5M Aggregate, \$3M - \$5M SIR Layer - Paid Loss & ALAE	Min[\$5M, (3) - (4)]	2,000
(8)	\$2M Aggregate Deductible, \$5M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$2M, (4) - (5)]	929
(9)	\$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Paid Loss & ALAE	Min[\$3M, (5) - (6)]	0
(10)	SPRC Excess Insurance Recoverable on Paid Loss & ALAE	(7) + (8) + (9)	2,929
(11)	External Excess Insurance Recoverable on Paid Loss & ALAE	(4) - (8) - (9)	0
(12)	Total Excess Insurance Recoverable on Paid Loss & ALAE	(10) + (11)	2,929
(13)	Other Recoveries on Paid Loss & ALAE	Data	464
(14)	Retained Paid Loss & ALAE	(1) + (2) - (12) - (13)	27,897
(15)	Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	40,654
(16)	Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	12,288
(17)	Total Limits Unpaid Loss & ALAE	(15) + (16) - (1) - (2)	21,652
(18)	\$3M SIR Excess Loss & ALAE Factor	(Note 2)	0.139
(19)	Excess of \$3M SIR Ultimate Loss & ALAE	[(15)+(16)]x(18)x72% + (3)	8,228
(20)	\$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.094
(21)	Excess of \$5M SIR Ultimate Loss & ALAE	[(15)+(16)]x(20)x72% + (4)	4,527
(22)	\$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.052
(23)	Excess of \$10M SIR Ultimate Loss & ALAE	[(15)+(16)]x(22)x72% + (5)	1,976
(24)	\$20M SIR Excess Loss & ALAE Factor	(Note 2)	0.026
(25)	Excess of \$20M SIR Ultimate Loss & ALAE	[(15)+(16)]x(24)x72% + (6)	994
(26)	\$5M Agg Factor for \$3M - \$5M Layer	(Note 2)	0.900
(27)	\$5M Aggregate, \$3M - \$5M SIR Layer - Ultimate Loss & ALAE	Min{\$5M, [(19)-(21)]x(26)}	3,331
(28)	\$2M Agg Factor for \$5M - \$10M Layer	(Note 2)	0.380
(29)	\$2M Aggregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min{\$2M, [(21)-(23)]x(28)}	969
(30)	\$2M Agg Factor for 20% of \$5M - \$10M Layer (above first \$2M in Layer)	(Note 2)	0.120
(31)	\$2M Aggregate Deductible, 20% of \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min{\$2M, [(21)-(23)]x(30)}	306
(32)	\$3M Agg Factor for \$10M - \$20M Layer	(Note 2)	0.380
(33)	\$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	Min{\$3M, [(23)-(25)]x(32)}	373
(34)	Sequoia Pacific Future Excess Recoverable	(27) + (29) + (31) + (33) - (10)	2,051
(35)	External Future Excess Recoverable	(21) - (29) - (31) - (33) - (11)	2,878
(36)	Total Future Excess Recoverable	(34) + (35)	4,929
(37)	Total Future Excess Recoverable - Primary Program	(36) x [(15) - (1)] / (17)	3,634
(38)	Total Future Excess Recoverable - Excess Program	(36) - (37)	1,295

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.

Future Excess Recoverable - Accident Year 2022 (\$000) As of June 30, 2024

Item	Source	Value
(1) Total Limits Paid Loss & ALAE - Primary Program	Data	\$14,633
(2) Total Limits Paid Loss & ALAE - Excess Program	Data	7,324
(3) Excess of \$3M SIR Paid Loss & ALAE	Data	1,050
(4) Excess of \$5M SIR Paid Loss & ALAE	Data	0
(5) Excess of \$10M SIR Paid Loss & ALAE	Data	0
(6) Excess of \$20M SIR Paid Loss & ALAE	Data	0
(7) \$5M Aggregate, \$3M - \$5M SIR Layer - Paid Loss & ALAE	Min[\$5M, (3) - (4)]	1,050
(8) \$2M Aggregate Deductible, \$5M - \$10M SIR Layer - Paid Loss & ALAE	Min[\$2M, (4) - (5)]	0
(9) \$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Paid Loss & ALAE	Min[\$3M, (5) - (6)]	0
(10) SPRC Excess Insurance Recoverable on Paid Loss & ALAE	(7) + (8) + (9)	1,050
(11) External Excess Insurance Recoverable on Paid Loss & ALAE	(4) - (8) - (9)	0
(12) Total Excess Insurance Recoverable on Paid Loss & ALAE	(10) + (11)	1,050
(13) Other Recoveries on Paid Loss & ALAE	Data	197
(14) Retained Paid Loss & ALAE	(1) + (2) - (12) - (13)	20,711
(15) Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	38,448
(16) Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	19,559
(17) Total Limits Unpaid Loss & ALAE	(15) + (16) - (1) - (2)	36,050
(18) \$3M SIR Excess Loss & ALAE Factor	(Note 2)	0.142
(19) Excess of \$3M SIR Ultimate Loss & ALAE	[(15)+(16)]x(18)x86% + (3)	8,150
(20) \$5M SIR Excess Loss & ALAE Factor	(Note 2)	0.097
(21) Excess of \$5M SIR Ultimate Loss & ALAE	[(15)+(16)]x(20)x86% + (4)	4,835
(22) \$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.053
(23) Excess of \$10M SIR Ultimate Loss & ALAE	[(15)+(16)]x(22)x86% + (5)	2,667
(24) \$20M SIR Excess Loss & ALAE Factor	(Note 2)	0.027
(25) Excess of \$20M SIR Ultimate Loss & ALAE	[(15)+(16)]x(24)x86% + (6)	1,347
(26) \$5M Agg Factor for \$3M - \$5M Layer	(Note 2)	0.900
(27) \$5M Aggregate, \$3M - \$5M SIR Layer - Ultimate Loss & ALAE	Min{\$5M, [(19)-(21)]x(26)}	2,983
(28) \$2M Agg Factor for \$5M - \$10M Layer	(Note 2)	0.380
(29) \$2M Aggregate Deductible, \$5M - \$10M SIR Layer - Ultimate Loss & ALAE	Min{\$2M, [(21)-(23)]x(28)}	824
(30) \$3M Agg Factor for \$10M - \$20M Layer	(Note 2)	0.380
(31) \$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	Min{\$3M, [(23)-(25)]x(30)}	501
(32) \$2M Agg Factor for 30% of \$10M - \$20M Layer (above first \$3M in Layer)	(Note 2)	0.160
(33) \$2M Aggregate, 30% of \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	Min{\$2M, [(23)-(25)]x(32)}	211
(34) Sequoia Pacific Future Excess Recoverable	(27) + (29) + (31) + (33) - (10)	3,470
(35) External Future Excess Recoverable	(21) - (29) - (31) - (33) - (11)	3,299
(36) Total Future Excess Recoverable	(34) + (35)	6,769
(37) Total Future Excess Recoverable - Primary Program	(36) x [(15) - (1)] / (17)	4,471
(38) Total Future Excess Recoverable - Excess Program	(36) - (37)	2,297

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.

Future Excess Recoverable - Accident Year 2023 (\$000) As of June 30, 2024

	Item	Source	Value
(1)	Total Limits Incurred Loss & ALAE - Primary Program	Data	\$33,326
(2)	Total Limits Incurred Loss & ALAE - Excess Program	Data	23,316
(3)	Excess of \$3M SIR Incurred Loss & ALAE	Data	3,839
(4)	Excess of \$6M SIR Incurred Loss & ALAE	Data	775
(5)	Excess of \$10M SIR Incurred Loss & ALAE	Data	0
(6)	Excess of \$20M SIR Incurred Loss & ALAE	Data	0
(7)	Excess of \$30M SIR Incurred Loss & ALAE	Data	0
(8)	\$9M Aggregate, \$3M - \$6M SIR Layer - Incurred Loss & ALAE	Min[\$9M, (3) - (4)]	3,064
(9)	\$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Incurred Loss & ALAE	Min[\$3M, (5) - (6)]	0
(10)	\$2M Aggregate Deductible, \$20M - \$30M SIR Layer - Incurred Loss & ALAE	Min[\$2M, (6) - (7)]	0
(11)	SPRC Excess Insurance Recoverable on Incurred Loss & ALAE	(8) + (9)	3,064
(12)	External Excess Insurance Recoverable on Incurred Loss & ALAE	(4) - (9)	775
(13)	Total Excess Insurance Recoverable on Incurred Loss & ALAE	(11) + (12)	3,839
(14)	Other Recoveries on Paid Loss & ALAE	Data	37
(15)	Retained Incurred Loss & ALAE	(1) + (2) - (13) - (14)	52,766
(16)	Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	44,268
(17)	Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	28,084
(18)	Total Limits IBNR Loss & ALAE	(16) + (17) - (1) - (2)	15,710
(19)	\$3M SIR Excess Loss & ALAE Factor	(Note 2)	0.146
(20)	Excess of \$3M SIR Expected Loss & ALAE	[(16)+(17)]x(19)	10,535
(21)	\$6M SIR Excess Loss & ALAE Factor	(Note 2)	0.086
(22)	Excess of \$6M SIR Expected Loss & ALAE	[(16)+(17)]x(21)	6,211
(23)	\$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.055
(24)	Excess of \$10M SIR Expected Loss & ALAE	[(16)+(17)]x(23)	3,985
(25)	\$20M SIR Excess Loss & ALAE Factor	(Note 2)	0.028
(26)	Excess of \$20M SIR Expected Loss & ALAE	[(16)+(17)]x(25)	2,022
(27)	\$30M SIR Excess Loss & ALAE Factor	(Note 2)	0.018
(28)	Excess of \$30M SIR Expected Loss & ALAE	[(16)+(17)]x(27)	1,304
(29)	\$9M Agg Factor for \$3M - \$6M Layer	(Note 2)	0.960
(30)	\$9M Aggregate, \$3M - \$6M SIR Layer - Ultimate Loss & ALAE	$Min{\$9M, [(20)-(22)]x(29)x74\% + (8)}$	6,154
(31)	\$3M Agg Factor for \$10M - \$20M Layer	(Note 2)	0.380
(32)	\$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	$Min{\$3M, [(24)-(26)]x(31)x76\% + (9)}$	566
(33)	\$7.5M Agg Factor for 25% of \$10M - \$20M Layer (above first \$3M in Layer)	(Note 2)	0.160
(34)	\$7.5M Aggregate, 25% of \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	$Min{\$7.5M, [(24)-(26)]x(33)x77\% + 0.25x((5)-(6)-(9))}$	243
(35)	\$2M Agg Factor for \$20M - \$30M Layer	(Note 2)	0.250
(36)	\$2M Aggregate Deductible, \$20M - \$30M SIR Layer - Ultimate Loss & ALAE	$Min{\$2M, [(26)-(28)]x(35)x80\% + (10)}$	144
(37)	\$3M Agg Factor for 10% of \$20M - \$30M Layer (above first \$2M in Layer)	(Note 2)	0.110
(38)	\$3M Aggregate, 10% of \$20M - \$30M SIR Layer - Ultimate Loss & ALAE	$Min\{\$3M, [(26)-(28)]x(37)x80\% + 0.10x((6)-(7)-(10))\}\}$	64
(39)	Sequoia Pacific Future Excess Recoverable	(30) + (32) + (34) + (38) - (11)	3,962
(40)	External Future Excess Recoverable	(22) - (32) - (34) - (38) - (12)	4,564
(41)	Total Future Excess Recoverable	(39) + (40)	8,526
(42)	Total Future Excess Recoverable - Primary Program	(41) x 63%*	5,371
(43)	Total Future Excess Recoverable - Excess Program	(41) - (42)	3,154

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.
- 4. (*) The allocation percentage is based on the allocation of Total Limits and Excess Layer incurred and case reserves.

Future Excess Recoverable - Accident Year 2024 (\$000) As of June 30, 2024

	Item	Source	Value
(1)	Total Limits Paid Loss & ALAE - Primary Program	Data	\$1,665
(2)	Total Limits Paid Loss & ALAE - Excess Program	Data	718
(3)	Excess of \$3M SIR Paid Loss & ALAE	Data	0
(4)	Excess of \$6M SIR Paid Loss & ALAE	Data	0
(5)	Excess of \$10M SIR Paid Loss & ALAE	Data	0
(6)	Excess of \$20M SIR Paid Loss & ALAE	Data	0
(7)	\$9M Aggregate, \$3M - \$6M SIR Layer - Paid Loss & ALAE	Min[\$9M, (3) - (4)]	0
(8)	\$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Paid Loss & ALAE	Min[\$3M, (5) - (6)]	0
(9)	SPRC Excess Insurance Recoverable on Paid Loss & ALAE	(7) + (8)	0
(10)	External Excess Insurance Recoverable on Paid Loss & ALAE	(4) - (8)	0
(11)	Total Excess Insurance Recoverable on Paid Loss & ALAE	(9) + (10)	0
(12)	Other Recoveries on Paid Loss & ALAE	Data	0
(13)	Retained Paid Loss & ALAE	(1) + (2) - (11) - (12)	2,383
(14)	Total Limits Ultimate Loss & ALAE - Primary Program	(Ex. PLP-20)	44,868
(15)	Total Limits Ultimate Loss & ALAE - Excess Program	(Ex. ELP-13)	27,615
(16)	Total Limits Unpaid Loss & ALAE	(14) + (15) - (1) - (2)	70,100
(17)	\$3M SIR Excess Loss & ALAE Factor	(Note 2)	0.149
(18)	Excess of \$3M SIR Ultimate Loss & ALAE	[(14)+(15)]x(17)x100% + (3)	10,802
(19)	\$6M SIR Excess Loss & ALAE Factor	(Note 2)	0.088
(20)	Excess of \$6M SIR Ultimate Loss & ALAE	[(14)+(15)]x(19)x100% + (4)	6,394
(21)	\$10M SIR Excess Loss & ALAE Factor	(Note 2)	0.057
(22)	Excess of \$10M SIR Ultimate Loss & ALAE	[(14)+(15)]x(21)x100% + (5)	4,115
(23)	\$20M SIR Excess Loss & ALAE Factor	(Note 2)	0.029
(24)	Excess of \$20M SIR Ultimate Loss & ALAE	[(14)+(15)]x(23)x100% + (6)	2,097
(25)	\$9M Agg Factor for \$3M - \$6M Layer	(Note 2)	0.960
(26)	\$9M Aggregate, \$3M - \$6M SIR Layer - Ultimate Loss & ALAE	Min{\$9M, [(18)-(19)]x(25)}	4,231
(27)	\$3M Agg Factor for \$10M - \$20M Layer	(Note 2)	0.380
(28)	\$3M Aggregate Deductible, \$10M - \$20M SIR Layer - Ultimate Loss & ALAE	Min{\$3M, [(22)-(24)]x(27)}	767
(29)	Sequoia Pacific Future Excess Recoverable	(26) + (28) - (9)	4,998
(30)	External Future Excess Recoverable	(20) - (28) - (10)	5,627
(31)	Total Future Excess Recoverable	(29) + (30)	10,625
(32)	Total Future Excess Recoverable - Primary Program	(31) x [(14) - (1)] / (16)	6,548
(33)	Total Future Excess Recoverable - Excess Program	(31) - (32)	4,077

- 1. Accident years end 6/30.
- 2. Excess factors based on historical CJPIA closed claim information.
- 3. Unless otherewise noted, each figure includes both Primary and Excess Program amounts.

Reported Occurrence Count Development As of June 30, 2024

							AS 0	i June 30, 2	2024							
Accident	40	0.4	00	40	00	70	0.4	00	400	400	400	444	450	400	400	400
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	1,316	1,615	1,636	1,644	1,650	1,652	1,653	1,655	1,654	1,654	1,654	1,654	1,654	1,654	1,655	1,656
2010	1,511	1,831	1,859	1,865	1,871	1,872	1,875	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	
2011	1,509	1,827	1,835	1,844	1,850	1,854	1,854	1,855	1,855	1,852	1,852	1,852	1,852	1,852		
2012	1,305	1,621	1,634	1,639	1,642	1,642	1,642	1,642	1,640	1,641	1,641	1,641	1,641			
2013	1,312	1,618	1,634	1,636	1,638	1,637	1,637	1,632	1,632	1,634	1,634	1,634				
2014	1,381	1,690	1,709	1,718	1,720	1,720	1,718	1,718	1,719	1,719	1,720					
2015	1,294	1,571	1,581	1,587	1,590	1,591	1,591	1,592	1,592	1,593	, -					
2016	1,436	1,696	1,710	1,715	1,719	1,720	1,724	1,726	1,727							
2017	1,526	1,846	1,861	1,860	1,861	1,862	1,867	1,869	,							
2018	1,149	1,426	1,437	1,446	1,449	1,449	1,449									
2019	1,360	1,609	1,619	1,622	1,626	1,629	, -									
2020	1,145	1,383	1,410	1,424	1,429	,										
2021	1,050	1,309	1,324	1,337	, -											
2022	1,175	1,480	1,502	.,												
2023	1,536	1,926	.,													
2024	1,424	,-														
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.227	1.013	1.005	1.004	1.001	1.001	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.001	1.001	
2010	1.212	1.015	1.003	1.003	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
2011	1.211	1.004	1.005	1.003	1.002	1.000	1.001	1.000	0.998	1.000	1.000	1.000	1.000			
2012	1.242	1.008	1.003	1.002	1.000	1.000	1.000	0.999	1.001	1.000	1.000	1.000				
2013	1.233	1.010	1.001	1.001	0.999	1.000	0.997	1.000	1.001	1.000	1.000					
2014	1.224	1.011	1.005	1.001	1.000	0.999	1.000	1.001	1.000	1.001						
2015	1.214	1.006	1.004	1.002	1.001	1.000	1.001	1.000	1.001							
2016	1.181	1.008	1.003	1.002	1.001	1.002	1.001	1.001								
2017	1.210	1.008	0.999	1.001	1.001	1.003	1.001									
2018	1.241	1.008	1.006	1.002	1.000	1.000										
2019	1.183	1.006	1.002	1.002	1.002											
2020	1.208	1.020	1.010	1.004												
2021	1.247	1.011	1.010													
2022	1.260	1.015														
2023	1.254															
Vol Wtd Avg	1.222	1.010	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	
3 Yr Vol Wtd Avg	1.254	1.015	1.007	1.003	1.001	1.002	1.001	1.000	1.001	1.000	1.000	1.000	1.000			
4 Yr Vol Wtd Avg	1.243	1.013	1.007	1.002	1.001	1.001	1.001	1.000	1.001	1.000	1.000	1.000				
5 Yr Vol Wtd Avg	1.230	1.012	1.005	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000					
Prior Selection	1.226	1.010	1.004	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.230	1.012	1.005	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	1.260	1.024	1.012	1.007	1.005	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	0.794	0.976	0.988	0.993	0.995	0.996	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
rano to on	0.70-7	0.070	0.000	0.000	0.000	0.000	0.007	0.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

^{1.} Accident years end 6/30.

ULAE Reserves (\$000) As of June 30, 2024

				ULAE P	aid in	Year				Paid			Reported	Factor	IBNR	Open		Gross ss & ALAE		
			Co	overage						ss & ALAE	ULAE		Occurrence	to	Occurrence	Occurrence		Reserve	l	ULAE
Calendar	TP	PA Fees	Li	tigation	Adn	ninistration		Total	Pa	iid in Year	Ratio	Accident	Count	Ultimate	Count	Count	(E	x. PLP-22,	R	eserve
Year	((Data)	((Data)		(Data)	(1)	+ (2) + (3)		(Data)	(4) / (5)	Year	(Data)	(Ex. PLP-23)	(7) x [(8) - 1]	(Data)		Pg. 1)	(1	Note 2)
		(1)		(2)		(3)		(4)		(5)	(6)		(7)	(8)	(9)	(10)		(11)		(12)
												Prior	33,757	1.000	-	1	\$	136	\$	7
2009	\$	2,298	\$	-	\$	162	\$	2,461	\$	46,164	5.3%	2009	1,656	1.000	-	1		11		1
2010		2,429		-		201		2,630		41,676	6.3%	2010	1,876	1.000	-	-		-		-
2011		2,629		-		214		2,843		33,478	8.5%	2011	1,852	1.000	-	1		396		20
2012		2,632		-		227		2,860		30,751	9.3%	2012	1,641	1.000	-	-		52		-
2013		2,389		-		240		2,629		24,881	10.6%	2013	1,634	1.000	-	-		154		-
2014		2,513		-		239		2,751		23,053	11.9%	2014	1,720	1.000	-	1		443		22
2015		2,475		-		241		2,716		23,264	11.7%	2015	1,593	1.000	-	1		656		33
2016		2,400		-		248		2,648		30,292	8.7%	2016	1,727	1.001	2	2		1,024		75
2017		2,358		-		255		2,613		39,783	6.6%	2017	1,869	1.002	4	3		2,353		183
2018		2,505		-		240		2,745		31,036	8.8%	2018	1,449	1.003	4	6		2,523		179
2019		2,524		-		235		2,759		34,633	8.0%	2019	1,629	1.004	7	16		4,365		281
2020		2,307		-		247		2,554		30,714 *	8.3%	2020	1,429	1.005	7	27		14,014		848
2021		2,401		-		257		2,658		26,179	10.2%	2021	1,337	1.007	9	80		15,965		882
2022		2,481		-		259		2,740		22,647	12.1%	2022	1,502	1.012	18	104		23,815		1,367
2023		2,145		-		449		2,593		24,590	10.5%	2023	1,926	1.024	47	169		37,852		2,302
2024		2,313		-		457		2,770		40,529	6.8%	2024	1,424	1.260	370	394		43,203		3,206
										Selected	10.0%	Total	60,021		468	806	\$	146,961	\$	9,405

- 1. Calendar and Accident years end 6/30.
- 2. Column (12) = $10.0\% \times (11) \times [(9) + 50\% \times (10)] / [(9) + (10)]$.
- 3. (*) Excludes \$20.3 million in payments on large occurrence 1936109.

Retained Reserve (\$000) As of June 30, 2024

Accident Year	Gross Ultimate Loss & ALAE (Ex. PLP-20) (1)	Gross Paid Loss & ALAE (Data) (2)	Indicated Gross Reserve (1) - (2) (3)	Future Other Recoverable (Ex. PLP-21) (4)	Future Excess Recoverable (Ex. PLP-22)	Retained Loss & ALAE Reserve (3) - (4) - (5) (6)	ULAE Reserve (Ex. PLP-24) (7)	Undiscounted Retained Loss & LAE Reserve (6) + (7) (8)	2.00% Discount Factor (9)	Discounted Retained Loss & LAE Reserve (8) x (9) (10)
Prior	\$ 474,602	\$ 474,466	\$ 136	\$ -	\$ 136	\$ 0	\$ 7	\$ 7	1.000	\$ 7
2009	26,332	26,321	11	-	0	11	1	11	1.000	11
2010	18,846	18,846	-	_	-	_	-	-	1.000	_
2011	39,447	39,052	396	0	10	386	20	405	0.990	401
2012	27,792	27,739	52	0	1	51	-	51	0.983	50
2013	25,061	24,907	154	7	10	137	-	137	0.985	135
2014	36,277	35,834	443	2	28	412	22	434	0.977	424
2015	35,076	34,420	656	16	70	570	33	603	0.971	585
2016	47,425	46,401	1,024	3	169	852	75	927	0.964	894
2017	33,571	31,217	2,353	35	1,022	1,296	183	1,479	0.956	1,414
2018	26,870	24,347	2,523	15	1,556	953	179	1,132	0.956	1,082
2019	24,339	19,974	4,365	32	744	3,589	281	3,871	0.956	3,701
2020	34,586	20,572	14,014	53	2,756	11,205	848	12,053	0.953	11,490
2021	40,654	24,689	15,965	44	3,634	12,287	882	13,169	0.957	12,599
2022	38,448	14,633	23,815	531	4,471	18,812	1,367	20,180	0.961	19,402
2023	44,268	6,416	37,852	686	5,371	31,795	2,302	34,097	0.959	32,696
2024	44,868	1,665	43,203	728	6,548	35,926	3,206	39,132	0.949	37,132
Total	\$ 1,018,461	\$ 871,500	\$ 146,961	\$ 2,151	\$ 26,528	\$ 118,282	\$ 9,405	\$ 127,687	0.956	\$ 122,023

Notes:

1. Accident years end 6/30.

Retained Ultimate Loss & ALAE (\$000) As of June 30, 2024

Accident Year	Gross Incurred Loss & ALAE (Data) (1)	Gross Paid Loss & ALAE (Data) (2)	Other Recoveries (Ex. PLP-21) (3)	Recoveries on Excess Occurrences (Data) (4)	Retained Paid Loss & ALAE (2) - (3) - (4) (5)	Undiscounted Retained Reserve (Ex. PLP-25) (6)	Retained Ultimate Loss & ALAE (5) + (6) (7)	Prior Retained Ultimate (Note 3) (8)	Change (7) - (8) (9)
Prior	\$ 474,602	\$ 474,466	\$ 17,780	\$ 19,961	\$ 436,724	\$ 0	\$ 436,724	\$ 436,694	\$ 31
2009	26,332	26,321	361	-	25,960	11	25,971	26,182	(211)
2010	18,846	18,846	883	-	17,963	-	17,963	17,999	(35)
2011	39,442	39,052	788	700	37,563	386	37,949	36,562	1,387
2012	27,739	27,739	88	-	27,651	51	27,702	27,842	(140)
2013	24,907	24,907	1,174	-	23,733	137	23,870	24,058	(188)
2014	35,864	35,834	188	-	35,646	412	36,058	36,374	(316)
2015	34,473	34,420	901	619	32,900	570	33,470	34,289	(819)
2016	46,959	46,401	255	15,696	30,451	852	31,303	31,728	(425)
2017	31,728	31,217	603	2,787	27,828	1,296	29,124	28,173	950
2018	24,511	24,347	151	30	24,166	953	25,119	24,955	164
2019	22,210	19,974	330	-	19,644	3,589	23,233	23,502	(268)
2020	30,909	20,572	446	-	20,126	11,205	31,331	27,148	4,183
2021	35,773	24,689	322	2,929	21,439	12,287	33,725	31,958	1,767
2022	29,524	14,633	93	1,050	13,490	18,812	32,303	33,274	(971)
2023	33,326	6,416	33	-	6,383	31,795	38,178	34,884	3,294
2024	24,315	1,665	-	-	1,665	35,926	37,591	34,531	3,060
Total	\$ 961,461	\$ 871,500	\$ 24,396	\$ 43,771	\$ 803,333	\$ 118,282	\$ 921,614	\$ 910,153	\$ 11,462

^{1.} Accident years end 6/30.

^{3.} Column (8) is from Milliman's prior report dated 10/23/23, adjusted to current payroll volume.

Selected Ultimate Amounts - Excluding Departed Members (\$000) As of June 30, 2024

All Members

			All Me	ilibers				
Payroll (\$Millions) (Data) (1)	CWP Occurrence Count (Data) (2)	Total Limits Incurred Loss (Data) (3)	Incurred ALAE (Data) (4)	Limited Incurred Loss (Data) (5)	Ultimate CWP Occurrence Count (Ex. PLP-3) (6)	Ultimate Total Limits Incurred Loss (Ex. PLP-8) (7)	Ultimate Incurred ALAE (Ex. PLP-19) (8)	Ultimate Limited Incurred Loss (Ex. PLP-13) (9)
807 803	569 518	\$ 25,650 19,237	\$ 13,792 8,502	\$ 6,769 7,293	569 518	\$ 25,661 19,316	\$ 13,792 8,515	\$ 6,769 7,293
796	540	16,489	8,418	6,712	540	16,737	8,448	6,712
811	580	24,543	11,321	8,193	581	25,221	11,395	8,193
788	570	21,894	12,580	9,061	571	22,870	12,694	9,061
821	635	34,679	12,280	7,911	637	35,426	12,373	7,911
772	616	19,953	11,774	9,270	618	21,104	11,918	9,270
794	523	14,578	9,933	7,904	527	16,394	10,195	7,904
773	556	12,938	9,273	8,046	564	14,064	9,403	8,046
785	527	20,843	10,066	10,025	542	23,112	10,637	9,843
799	468	25,290	10,483	10,773	496	27,872	11,749	10,376
839	465	19,480	10,044	12,503	516	22,528	13,191	9,997
876	557	24,481	8,845	14,598	625	30,456	13,689	11,106
888	269	21,346	2,970	13,426	589	30,650	13,321	11,140
	7,393	\$ 301,399	\$ 140,282	\$ 132,484	7,893	\$ 331,410	\$ 161,320	\$ 123,620
			Active Mer	mbers Only				
					Ultimate	Ultimate		Ultimate
Payroll	CWP Occurrence	Total Limits		Limited	CWP Occurrence	Total Limits	Ultimate	Limited
(\$Millions)	Count	Incurred Loss	Incurred ALAE	Incurred Loss	Count	Incurred Loss	Incurred ALAE	Incurred Loss
(Data)	(Data)	(Data)	(Data)	(Data)	(11) x (6) / (2)	(12) x (7) / (3)	(13) x (8) / (4)	(14) x (9) / (5)
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
643	474	\$ 24,170	\$ 11,624	\$ 5,615	474	\$ 24,181	\$ 11,624	\$ 5,615
								5,411
								4,433
			· ·					6,411
								6,919
								7,180
			· ·					8,269
								7,201
			· ·					7,769
			· ·					9,836
			· ·					10,366
								9,997
888	265	24,325	2,970	13,389	581	30,262	13,321	10,992 11,109
	6,749	\$ 269,494	\$ 123,141	\$ 120,329	7,243	\$ 298,291	\$ 144,049	\$ 111,508
ears end 6/30. ssed with pay. nber data excludes th Vernon Victorville Laguna Hills La Mesa	Burney Maywood Las Virgenes CO	G	•		Belvedere Cudahy San Luis Obispo Los Alamitos	Calexico Commerce Pico Rivera Fountain Valley	Irwindale La Verne Area B Sierra Madre	
	(\$Millions) (Data) (1) 807 803 796 811 788 821 772 794 773 785 799 839 876 888 Payroll (\$Millions) (Data) (10) 643 638 638 650 659 699 717 746 773 785 799 839 876 888	(\$Millions) Count (Data) (1) (2) 807 569 803 518 796 540 811 580 788 570 821 635 772 616 794 523 773 556 785 527 799 468 839 465 876 557 888 269 7,393 Payroll (WP Occurrence (\$Millions) (Data) (10) (11) 643 474 638 425 638 433 650 470 659 487 6699 555 717 584 746 501 773 549 785 521 799 463 839 465 876 557 888 265 6749 ears end 6/30. seed with pay. nber data excludes the following departed in Vernon Burney Vernon Burney Vernon Burney Vornon	(\$Millions) Count (Data) Incurred Loss (Data) (1) (2) (3) 807 569 \$ 25,650 803 518 19,237 796 540 16,489 811 580 24,543 788 570 21,894 821 635 34,679 772 616 19,953 794 523 14,578 773 556 12,938 785 527 20,843 799 468 25,290 839 465 19,480 876 557 24,481 888 269 21,346 7,393 \$ 301,399 84 25,290 838 465 19,480 876 557 24,481 888 269 21,346 7,393 \$ 301,399 863 425 15,850 638 425 15,850 638 <td> Payroll (Data) CWP Occurrence (Data) (Data) (</td> <td> Payroll (SMillions)</td> <td> Payroll (SMillions) (Data)</td> <td> Payroll (SMillons)</td> <td> Payroll GWP Occurrence Total Limits Count Co</td>	Payroll (Data) CWP Occurrence (Data) (Data) (Payroll (SMillions)	Payroll (SMillions) (Data)	Payroll (SMillons)	Payroll GWP Occurrence Total Limits Count Co

Selected Funding Parameters (\$000) As of June 30, 2024

Active	Members	Only
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Accident Year	Payroll (\$Millions) (Data) (1)	Ultimate CWP Occurrence Count (Ex. PLP-27, Pg. 1)((2)	Ultimate Total Limits Incurred Loss Ex. PLP-27, Pg. 1 (3)	Ultimate Incurred ALAE)(E <u>x. PLP-27, Pg.</u> (4)	Ultimate Limited Incurred Loss 1)(Ex. PLP-27, Pg. 1) (5)	On-Level Frequency (Note 3) (6)	On-Level Total Limits Loss Severity (Note 4) (7)	On-Level Total Limits ALAE Severity (Note 5) (8)	On-Level Limited Loss Severity (Note 6) (9)
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023	643 638 638 650 659 699 717 746 773 785 799 839	474 425 433 470 488 557 586 505 557 536 490 516 625	\$ 24,181 15,915 10,584 18,781 17,780 34,679 14,078 14,395 13,546 23,104 27,860 22,528 30,262	\$ 11,624 6,826 5,162 8,568 10,600 11,361 9,497 8,772 9,055 10,637 11,747 13,191 13,689	\$ 5,615 5,411 4,433 6,411 6,919 7,180 8,269 7,201 7,769 9,836 10,366 9,997 10,992	0.737 0.666 0.679 0.723 0.740 0.797 0.818 0.677 0.721 0.683 0.614 0.614	\$ 84.942 59.955 37.629 59.091 51.861 85.260 31.596 36.068 29.575 50.452 63.908 47.255 50.365	\$ 31.723 20.368 14.824 22.199 25.960 23.911 18.606 19.560 17.940 21.493 25.422 26.614 22.345	\$ 17.395 18.152 14.170 18.313 18.501 16.339 17.345 17.027 16.162 20.665 23.098 20.568 18.118
Accident Year	Projected Frequency Trend (Note 7) (10)	Projected TL Loss Severity Trend (Note 8) (11)	Projected TL ALAE Severity Trend (Note 9) (12)	Projected Limited Loss Severity Trend (Note 10) (13)	11,109 Selected 2024 Level: Projected Frequency Sel (6) x (10) (14) 0.664	Projected Total Limits Loss Severity Sel (7) x (11) (15) \$ 54.080	\$ 52.000 Projected Total Limits ALAE Severity Sel (8) x (12) (16) \$ 23.052	\$ 22.600 Projected Limited Loss Severity Sel (9) x (13) (17) \$ 19.467	19.132 \$ 18.900
2026 2027 2028 2029 Notes:	1.000 1.000 1.000 1.000	1.082 1.125 1.170 1.217	1.040 1.061 1.082 1.104	1.061 1.093 1.126 1.159	0.664 0.664 0.664 0.664	56.243 58.493 60.833 63.266	23.513 23.983 24.463 24.952	20.051 20.653 21.272 21.910	

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (6) = (2) / (1) x Exhibit PLP-3, Column (4).
- 4. Column (7) = (3) / (2) x Exhibit PLP-7, Column (4).
- 5. Column (8) = (4) / (2) x Exhibit PLP-18, Column (4).
- 6. Column (9) = (5) / (2) x Exhibit PLP-12, Column (4).
- 7. Column (10) is based on a 0.0% annual trend.
- 8. Column (11) is based on a 4.0% annual trend.
- 9. Column (12) is based on a 2.0% annual trend.

- 10. Column (13) is based on a 3.0% annual trend.
- 11. Active member data excludes the following departed members:

Vernon	Las Virgenes COG	Belvedere	Pico Rivera
Victorville	Local Government Services	Cudahy	La Verne
Laguna Hills	Regional Government Services	San Luis Obispo	Fountain Valley
La Mesa	Marin County Major Crimes Task Force	Los Alamitos	Irwindale
Burney	South Pasadena	Calexico	Area B
Maywood	West Hollywood	Commerce	Sierra Madre

Selected Gross Loss & ALAE Rates For Accident Years Ending June 30, 2025, 2026, 2027, 2028, and 2029

		Total Limits Loss		Limited Loss		Excess Loss		Limited +		Total Lim	nits ALAE	Selected
	Projected	Projected		Projected		Increased		Excess	Selected	Projected		Gross
	Frequency	Severity	Projected	Severity	Projected	Limits	Projected	Projected	Loss	Severity	Projected	Loss & ALAE
Accident	(Ex. PLP-27,	(Ex. PLP-27,	Rate	(Ex. PLP-27,	Rate	Factor	Rate	Rate	Rate	(Ex. PLP-27,	Rate	Rate
Year	Pg. 2)	Pg. 2)	(1) x (2) / 10	Pg. 2)	(1) x (4) / 10	(Note 3)	(5) x [(6) - 1]	(5) + (7)	(Note 4)	Pg. 2)	(1) x (10) / 10	(9) + (11)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2025	0.664	\$54.080	\$3.59	\$19.467	\$1.29	2.875	\$2.42	\$3.72	\$3.63	\$23.052	\$1.53	\$5.16
2026	0.664	56.243	3.73	20.051	1.33	2.918	2.55	3.89	3.78	23.513	1.56	5.35
2027	0.664	58.493	3.88	20.653	1.37	2.963	2.69	4.06	3.94	23.983	1.59	5.54
2028	0.664	60.833	4.04	21.272	1.41	3.009	2.84	4.25	4.11	24.463	1.62	5.73
2029	0.664	63.266	4.20	21.910	1.45	3.056	2.99	4.45	4.28	24.952	1.66	5.94

	Estimat	ed Split	I	Payroll (\$Millions)		Gross Loss & ALAE Rate			
	Police	General		General		Police	Gen. Govt.		
Accident	(Ex. PLP-27,	Government	Police	Government	Total	(12)x(13)x	(12)x(14)x		
Year	Pg. 7)	1 - (13)	(Data)	(Data)	(Data)	(17)/(15)	(17)/(16)		
	(13)	(14)	(15)	(16)	(17)	(18)	(19)		
2025	24%	76%	\$100	\$788	\$888	\$11.01	\$4.42		
2026	24%	76%	100	788	888	11.40	4.58		
2027	24%	76%	100	788	888	11.80	4.74		
2028	24%	76%	100	788	888	12.22	4.91		
2029	24%	76%	100	788	888	12.66	5.09		

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (6) is based on historical CJPIA closed claim information.
- 4. Column (9) based on columns (3) and (8).
- 5. Severity is shown in thousands of dollars.

Excess Insurance Recoverable - Accident Year 2025 As of June 30, 2024

							Loss & A	LAE Rate
						Aggregate		General
		Layer	•	AAD	Layer %	Limit	Police	Government
(1)	\$0	-	Unlimited	N/A	100%	N/A	\$11.0066	\$4.4219
(2)	\$0	_	\$500,000	N/A	100%	N/A	6.1375	2.6788
(3)	\$500,000	-	\$1,000,000	N/A	100%	N/A	1.3635	0.4868
(4)	\$1,000,000	-	\$2,000,000	N/A	100%	N/A	1.1770	0.4131
(5)	\$2,000,000	\$2,000,000 - \$3,000,000		N/A	100%	N/A	0.5666	0.1984
(6)	\$3,000,000	\$3,000,000 - \$6,000,000		N/A	100%	N/A	0.7298	0.2620
(7)	\$6,000,000 - \$10,000,000		N/A	100%	N/A	0.3888	0.1355	
(8)	\$10,000,000	-	\$15,000,000	N/A	100%	N/A	0.2125	0.0781
(9)	\$15,000,000	-	\$20,000,000	N/A	100%	N/A	0.1128	0.0422
(10)	\$20,000,000 - \$30,000,000		N/A	100%	N/A	0.1542	0.0444	
(11)	\$30,000,000	\$30,000,000 - \$45,000,000		N/A	100%	N/A	0.0666	0.0305
(12)	\$45,000,000	00,000 - \$50,000,000		N/A	100%	N/A	0.0130	0.0061
(13)	\$50,000,000			N/A	100%	N/A	0.0842	0.0459
(14)	\$3,000,000	-	\$6,000,000	N/A	100%	\$12M	0.7152	0.2568
(15)	\$10,000,000	-	\$15,000,000	N/A	100%	\$3M	0.1254	0.0461
	Excess	s Reco	verable					
(16)			ding Sequioa Pacific	Layers*			\$0.9068	\$0.3366
(17)	(7)++(11)+(1 \$1M SIR	3)-(15))				3.5056	1.2562
(17)	(4)++(13)						3.3030	1.2002
(18)	\$2M SIR						2.3286	0.8431
` '	(5)++(13)							
(19)	\$6M SIR						1.0321	0.3827
	(7)++(13)							

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PLP-27, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. (*) Current retention includes the following layers:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC)

\$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

5. Estimated using the following payroll assumptions.

\$100M - PLP - Police

\$788M - PLP - General Goverment

\$73M - ELP - Police

Excess Insurance Recoverable - Accident Year 2026 As of June 30, 2024

							Loss & A	LAE Rate
						Aggregate		General
		Layer	·	AAD	Layer %	Limit	Police	Government
(1)	\$0	-	Unlimited	N/A			\$11.3966	\$4.5786
(2)	\$0	-	\$500,000	N/A	100%	N/A	6.2977	2.7481
(3)	\$500,000	-	\$1,000,000	N/A	100%	N/A	1.4168	0.5069
(4)	\$1,000,000	-	\$2,000,000	N/A	100%	N/A	1.2282	0.4320
(5)	\$2,000,000	-	\$3,000,000	N/A	100%	N/A	0.5934	0.2083
(6)	\$3,000,000	-	\$6,000,000	N/A	100%	N/A	0.7669	0.2761
(7)	\$6,000,000	- \$10,000,000		N/A	100%	N/A	0.4102	0.1434
(8)	\$10,000,000	-	\$15,000,000	N/A	100%	N/A	0.2248	0.0829
(9)	\$15,000,000	-	\$20,000,000	N/A	100%	N/A	0.1196	0.0449
(10)	\$20,000,000	-	\$30,000,000	N/A	100%	N/A	0.1636	0.0474
(11)	\$30,000,000	-	\$45,000,000	N/A	100%	N/A	0.0711	0.0326
(12)	\$45,000,000	-	\$50,000,000	N/A	100%	N/A	0.0139	0.0065
(13)	\$50,000,000	-	Unlimited	N/A	100%	N/A	0.0906	0.0494
(14)	\$3,000,000	-	\$6,000,000	N/A	100%	\$12M	0.7516	0.2706
(15)	\$10,000,000	-	\$15,000,000	N/A	100%	\$3M	0.1327	0.0489
	Excess	s Reco	verable					
(16)	Current Retention (7)++(11)+(13)		ing Sequioa Pacific L	ayers*			\$0.9611	\$0.3582
(17)	\$1M SIR	-, (-,					3.6822	1.3235
(18)	(4)++(13) \$2M SIR						2.4540	0.8915
	(5)++(13)							
(19)	\$6M SIR						1.0937	0.4071
	(7)++(13)							

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PLP-27, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. (*) Current retention includes the following layers:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC)

\$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

5. Estimated using the following payroll assumptions.

\$100M - PLP - Police

\$788M - PLP - General Goverment

\$73M - ELP - Police

Excess Insurance Recoverable - Accident Year 2027 As of June 30, 2024

							Loss & A	LAE Rate
						Aggregate		General
		Layer		AAD	Layer %	Limit	Police	Government
(1)	\$0	-	Unlimited	N/A			\$11.8020	\$4.7414
(2)	\$0	-	\$500,000	N/A	100%	N/A	6.4619	2.8193
(3)	\$500,000	-	\$1,000,000	N/A	100%	N/A	1.4721	0.5277
(4)	\$1,000,000	-	\$2,000,000	N/A	100%	N/A	1.2817	0.4518
(5)	\$2,000,000	-	\$3,000,000	N/A	100%	N/A	0.6214	0.2186
(6)	\$3,000,000	-	\$6,000,000	N/A	100%	N/A	0.8058	0.2908
(7)	\$6,000,000	6,000,000 - \$10,000,000		N/A	100%	N/A	0.4326	0.1517
(8)	\$10,000,000	-	\$15,000,000	N/A	100%	N/A	0.2379	0.0880
(9)	\$15,000,000	-	\$20,000,000	N/A	100%	N/A	0.1268	0.0478
(10)	\$20,000,000	-	\$30,000,000	N/A	100%	N/A	0.1735	0.0505
(11)	\$30,000,000	-	\$45,000,000	N/A	100%	N/A	0.0759	0.0348
(12)	\$45,000,000	-	\$50,000,000	N/A	100%	N/A	0.0149	0.0070
(13)	\$50,000,000	-	Unlimited	N/A	100%	N/A	0.0974	0.0533
(14)	\$3,000,000	-	\$6,000,000	N/A	100%	\$12M	0.7897	0.2850
(15)	\$10,000,000	-	\$15,000,000	N/A	100%	\$3M	0.1403	0.0519
	Excess	s Reco	verable					
(16)			ing Sequioa Pacific L	ayers*			\$1.0187	\$0.3812
	(7)++(11)+(1	3)-(15)						
(17)	\$1M SIR						3.8680	1.3944
	(4)++(13)							
(18)	\$2M SIR						2.5863	0.9426
	(5)++(13)							
(19)	\$6M SIR						1.1591	0.4331
	(7)++(13)							

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PLP-27, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. (*) Current retention includes the following layers:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC)

\$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

5. Estimated using the following payroll assumptions.

\$100M - PLP - Police

\$788M - PLP - General Goverment

\$73M - ELP - Police

Excess Insurance Recoverable - Accident Year 2028 As of June 30, 2024

							Loss & A	LAE Rate
						Aggregate		General
		Layer		AAD	Layer %	Limit	Police	Government
(4)	••			21/2			* 40.0000	* * * * * * * * * *
(1)	\$0	-	Unlimited	N/A			\$12.2232	\$4.9106
(2)	\$0	-	\$500,000	N/A	100%	N/A	6.6304	2.8922
(3)	\$500,000	-	\$1,000,000	N/A	100%	N/A	1.5295	0.5494
(4)	\$1,000,000	-	\$2,000,000	N/A	100%	N/A	1.3375	0.4725
(5)	\$2,000,000	-	\$3,000,000	N/A	100%	N/A	0.6507	0.2295
(6)	\$3,000,000	-	\$6,000,000	N/A	100%	N/A	0.8467	0.3064
(7)	\$6,000,000	0,000 - \$10,000,000		N/A	100%	N/A	0.4564	0.1604
(8)	\$10,000,000	-	\$15,000,000	N/A	100%	N/A	0.2517	0.0934
(9)	\$15,000,000	-	\$20,000,000	N/A	100%	N/A	0.1344	0.0509
(10)	\$20,000,000	-	\$30,000,000	N/A	100%	N/A	0.1841	0.0538
(11)	\$30,000,000	-	\$45,000,000	N/A	100%	N/A	0.0811	0.0373
(12)	\$45,000,000	-	\$50,000,000	N/A	100%	N/A	0.0160	0.0075
(13)	\$50,000,000	-	Unlimited	N/A	100%	N/A	0.1047	0.0574
(14)	\$3,000,000	-	\$6,000,000	N/A	100%	\$12M	0.8298	0.3003
(15)	\$10,000,000	-	\$15,000,000	N/A	100%	\$3M	0.1485	0.0551
	Excess	s Reco	verable					
(16)	Current Retention	includ	ing Sequioa Pacific I	Layers*			\$1.0799	\$0.4056
	(7)++(11)+(1	3)-(15)						
(17)	\$1M SIR						4.0633	1.4690
	(4)++(13)							
(18)	\$2M SIR						2.7258	0.9965
	(5)++(13)							
(19)	\$6M SIR						1.2284	0.4606
	(7)++(13)							

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PLP-27, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. (*) Current retention includes the following layers:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC)

\$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

5. Estimated using the following payroll assumptions.

\$100M - PLP - Police

\$788M - PLP - General Goverment

\$73M - ELP - Police

Excess Insurance Recoverable - Accident Year 2029 As of June 30, 2024

							Loss & A	LAE Rate
						Aggregate		General
		Layer		AAD	Layer %	Limit	Police	Government
(1)	\$0	-	Unlimited	N/A			\$12.6609	\$5.0865
(2)	\$0	_	\$500,000	N/A	100%	N/A	6.8029	2.9671
(3)	\$500,000	-	\$1,000,000	N/A	100%	N/A	1.5892	0.5718
(4)	\$1,000,000	-	\$2,000,000	N/A	100%	N/A	1.3958	0.4941
(5)	\$2,000,000	-	\$3,000,000	N/A	100%	N/A	0.6815	0.2408
(6)	\$3,000,000	-	\$6,000,000	N/A	100%	N/A	0.8898	0.3227
(7)	\$6,000,000	0,000 - \$10,000,000		N/A	100%	N/A	0.4814	0.1697
(8)	\$10,000,000	-	\$15,000,000	N/A	100%	N/A	0.2663	0.0991
(9)	\$15,000,000	-	\$20,000,000	N/A	100%	N/A	0.1425	0.0541
(10)	\$20,000,000	-	\$30,000,000	N/A	100%	N/A	0.1953	0.0574
(11)	\$30,000,000	-	\$45,000,000	N/A	100%	N/A	0.0866	0.0398
(12)	\$45,000,000	-	\$50,000,000	N/A	100%	N/A	0.0171	0.0080
(13)	\$50,000,000	-	Unlimited	N/A	100%	N/A	0.1126	0.0618
(14)	\$3,000,000	-	\$6,000,000	N/A	100%	\$12M	0.8720	0.3163
(15)	\$10,000,000	-	\$15,000,000	N/A	100%	\$3M	0.1571	0.0584
	Excess	s Reco	verable					
(16)			ing Sequioa Pacific L	ayers*			\$1.1448	\$0.4315
(17)	(7)++(11)+(13) \$1M SIR	3)-(15)					4.2689	1.5475
, ,	(4)++(13)							
(18)	\$2M SIR						2.8731	1.0535
	(5)++(13)							
(19)	\$6M SIR						1.3019	0.4899
•	(7)++(13)							

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PLP-27, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. (*) Current retention includes the following layers:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC)

\$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

5. Estimated using the following payroll assumptions.

\$100M - PLP - Police

\$788M - PLP - General Goverment

\$73M - ELP - Police

Retained Funding Rates
For Accident Years Ending June 30, 2025, 2026, 2027, 2028, and 2029

		oss & ALAE 2-27, Pg. 3)		Recoverable 7, Pg. 4a-4e)		ecoverable ote 2)		LAE ote 3)	Retained I	counted Loss & LAE		d Investment 00% Interest]	Retained	ounted Loss & LAE
Accident	Deller	0	Deller	0	Deller	0	Deller	0	Police	Government	Deller	0	Police	Government
Year	Police (1)	Government (2)	Police (3)	Government (4)	Police (5)	Government (6)	Police (7)	(8)	(1)-(3)-(5)+(7) (9)	(<u>2)-(4)-(6)+(8)</u> (10)	Police (11)	Government (12)	(9)-(11) (13)	<u>(10)-(12)</u> (14)
	(1)	(2)	(3)	(4)	(3)	(0)	(1)	(6)	(9)	(10)	(11)	(12)	(13)	(14)
						Current Retent	tion includir	ng Sequoia Pa	cific Layers (*))				
2025	\$11.01	\$4.42	\$0.91	\$0.34	\$0.18	\$0.07	\$1.10	\$0.44	\$11.02	\$4.46	\$0.72	\$0.29	\$10.30	\$4.17
2026	11.40	4.58	0.96	0.36	0.19	0.07	1.14	0.46	11.39	4.60	0.74	0.30	10.65	4.30
2027	11.80	4.74	1.02	0.38	0.19	0.08	1.18	0.47	11.77	4.76	0.77	0.31	11.00	4.45
2028	12.22	4.91	1.08	0.41	0.20	0.08	1.22	0.49	12.17	4.92	0.79	0.32	11.37	4.60
2029	12.66	5.09	1.14	0.43	0.21	0.08	1.27	0.51	12.58	5.08	0.82	0.33	11.76	4.75
							\$11	/I SIR						
2025	\$11.01	\$4.42	\$3.51	\$1.26	\$0.18	\$0.07	\$1.10	\$0.44	\$8.42	\$3.54	\$0.55	\$0.23	\$7.87	\$3.31
2026	11.40	4.58	3.68	1.32	0.19	0.07	1.14	0.46	8.67	3.64	0.56	0.24	8.10	3.40
2027	11.80	4.74	3.87	1.39	0.19	0.08	1.18	0.47	8.92	3.74	0.58	0.24	8.34	3.50
2028	12.22	4.91	4.06	1.47	0.20	0.08	1.22	0.49	9.18	3.85	0.60	0.25	8.59	3.60
2029	12.66	5.09	4.27	1.55	0.21	0.08	1.27	0.51	9.45	3.96	0.62	0.26	8.84	3.71
							\$21	/I SIR						
2025	\$11.01	\$4.42	\$2.33	\$0.84	\$0.18	\$0.07	\$1.10	\$0.44	\$9.60	\$3.95	\$0.63	\$0.26	\$8.97	\$3.69
2026	11.40	4.58	2.45	0.89	0.19	0.07	1.14	0.46	9.90	4.07	0.64	0.27	9.25	3.81
2027	11.80	4.74	2.59	0.94	0.19	0.08	1.18	0.47	10.20	4.20	0.66	0.27	9.54	3.92
2028	12.22	4.91	2.73	1.00	0.20	0.08	1.22	0.49	10.52	4.33	0.69	0.28	9.84	4.04
2029	12.66	5.09	2.87	1.05	0.21	0.08	1.27	0.51	10.85	4.46	0.71	0.29	10.14	4.17
							\$51	/I SIR						
2025	\$11.01	\$4.42	\$1.03	\$0.38	\$0.18	\$0.07	\$1.10	\$0.44	\$10.90	\$4.41	\$0.71	\$0.29	\$10.19	\$4.12
2026	11.40	4.58	1.09	0.41	0.19	0.07	1.14	0.46	11.26	4.55	0.73	0.30	10.52	4.26
2027	11.80	4.74	1.16	0.43	0.19	0.08	1.18	0.47	11.63	4.71	0.76	0.31	10.87	4.40
2028	12.22	4.91	1.23	0.46	0.20	0.08	1.22	0.49	12.02	4.86	0.78	0.32	11.24	4.54
2029	12.66	5.09	1.30	0.49	0.21	0.08	1.27	0.51	12.42	5.02	0.81	0.33	11.61	4.70

Notes:

- 1. Accident years end 6/30.
- 2. Other Recoverable = Gross Loss & ALAE Rate x Selected Other Recoverable Ratio of 1.6% from Exhibit PLP-21.
- 3. ULAE = Gross Loss & ALAE Rate x Selected ULAE Ratio of 10.0% from Exhibit PLP-24.
- 4. (*) Reflects the following layers:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC)

\$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

Retained Funding Rates - Alternate Discount Assumptions For Accident Years Ending June 30, 2025, 2026, 2027, 2028, and 2029

		counted Loss & LAE		d Investment 00% Interest]		ed at 1.00% Loss & LAE	•	d Investment 00% Interest]		ed at 2.00% Loss & LAE	•	d Investment 00% Interest]		ed at 3.00% Loss & LAE
Accident	Police	Government			Police	Government			Police	Government			Police	Government
Year	_(Page 5)	_(Page 5)_	Police	Government	(1)-(3)	(2)-(4)	Police	Government	(1)-(7)	(2)-(8)	Police	Government	(1)-(11)	(2)-(12)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
						Current Reten	ition includin	ng Sequoia Paci	fic Layers (*)				
2025	\$11.02	\$4.46	\$0.37	\$0.15	\$10.65	\$4.31	\$0.72	\$0.29	\$10.30	\$4.17	\$1.05	\$0.42	\$9.97	\$4.03
2026	11.39	4.60	0.38	0.15	11.01	4.45	0.74	0.30	10.65	4.30	1.08	0.44	10.31	4.17
2027	11.77	4.76	0.39	0.16	11.38	4.60	0.77	0.31	11.00	4.45	1.12	0.45	10.65	4.31
2028	12.17	4.92	0.41	0.16	11.76	4.75	0.79	0.32	11.37	4.60	1.16	0.47	11.01	4.45
2029	12.58	5.08	0.42	0.17	12.16	4.91	0.82	0.33	11.76	4.75	1.20	0.48	11.38	4.60
							\$1N	/I SIR						
2025	\$8.42	\$3.54	\$0.28	\$0.12	\$8.14	\$3.42	\$0.55	\$0.23	\$7.87	\$3.31	\$0.80	\$0.34	\$7.62	\$3.20
2026	8.67	3.64	0.29	0.12	8.38	3.52	0.56	0.24	8.10	3.40	0.82	0.35	7.84	3.29
2027	8.92	3.74	0.30	0.13	8.62	3.62	0.58	0.24	8.34	3.50	0.85	0.36	8.07	3.39
2028	9.18	3.85	0.31	0.13	8.88	3.72	0.60	0.25	8.59	3.60	0.87	0.37	8.31	3.49
2029	9.45	3.96	0.32	0.13	9.14	3.83	0.62	0.26	8.84	3.71	0.90	0.38	8.55	3.59
							\$21	/I SIR						
2025	\$9.60	\$3.95	\$0.32	\$0.13	\$9.28	\$3.82	\$0.63	\$0.26	\$8.97	\$3.69	\$0.91	\$0.38	\$8.69	\$3.57
2026	9.90	4.07	0.33	0.14	9.57	3.93	0.64	0.27	9.25	3.81	0.94	0.39	8.96	3.68
2027	10.20	4.20	0.34	0.14	9.86	4.06	0.66	0.27	9.54	3.92	0.97	0.40	9.23	3.80
2028	10.52	4.33	0.35	0.14	10.17	4.18	0.69	0.28	9.84	4.04	1.00	0.41	9.52	3.91
2029	10.85	4.46	0.36	0.15	10.48	4.31	0.71	0.29	10.14	4.17	1.03	0.42	9.82	4.04
							\$51	/I SIR						
2025	\$10.90	\$4.41	\$0.37	\$0.15	\$10.53	\$4.26	\$0.71	\$0.29	\$10.19	\$4.12	\$1.04	\$0.42	\$9.86	\$3.99
2026	11.26	4.55	0.38	0.15	10.88	4.40	0.73	0.30	10.52	4.26	1.07	0.43	10.19	4.12
2027	11.63	4.71	0.39	0.16	11.24	4.55	0.76	0.31	10.87	4.40	1.11	0.45	10.53	4.26
2028	12.02	4.86	0.40	0.16	11.62	4.70	0.78	0.32	11.24	4.54	1.14	0.46	10.88	4.40
2029	12.42	5.02	0.42	0.17	12.00	4.85	0.81	0.33	11.61	4.70	1.18	0.48	11.24	4.55

Notes:

\$6M ground-up specific retention (First \$3M CJPIA; Above is SPRC) \$3M annual aggregate deductible in the \$5M excess \$10M layer (SPRC)

^{1.} Accident years end 6/30.

^{2. (*)} Reflects the following layers:

Distribution of Retained Losses (\$000) As of June 30, 2024

			irred Loss & <i>P</i> Paid Recoverie				ent Incurred L Paid Recoverie		ALAE	Police
A:-14	0 - \$30K	\$30	OK - \$750K	\$ 5750K +	\$ 0 - \$30K	\$30	OK - \$750K	;	\$750K +	% of Total
Accident Year	Layer (Data)		Layer (Data)	Layer	Layer (Data)		Layer		Layer	[(1) + (2) + (3)]/
real	 (Data) (1)		(Data) (2)	 (Data) (3)	 (Data) (4)		(Data) (5)		(Data) (6)	$\underline{[(1) + + (6)]}$
	(1)		(2)	(3)	(4)		(3)		(0)	(7)
Prior	\$ 16,738	\$	52,123	\$ 19,947	\$ 77,114	\$	150,843	\$	120,095	20%
2009	942		6,419	780	4,788		12,695		347	31%
2010	747		1,662	11	4,141		9,172		2,230	13%
2011	983		2,913	167	4,273		11,370		18,247	11%
2012	703		3,386	1,341	4,412		10,774		7,035	20%
2013	578		3,317	2,211	4,182		9,149		4,297	26%
2014	886		3,982	7,578	5,164		11,182		6,882	35%
2015	832		4,016	1,559	4,758		15,559		6,229	19%
2016	735		3,305	2,871	5,017		10,646		8,435	22%
2017	636		2,457	846	5,425		14,341		4,634	14%
2018	787		4,001	1,464	4,651		11,713		1,715	26%
2019	434		2,192	221	4,947		13,384		702	13%
2020	522		2,919	1,056	5,363		14,762		5,840	15%
2021	373		3,142	1,208	5,435		16,833		8,460	13%
2022	321		1,631	3,332	5,990		17,917		239	18%
2023	509		1,529	-	6,921		19,538		4,795	6%
2024	448		1,738	2,308	5,772		11,332		2,718	18%
Total	\$ 27,175	\$	100,733	\$ 46,900	\$ 158,351	\$	361,212	\$	202,901	19%
Distribution 2009-2019	13%		58%	29%	21%		54%		25%	21%
Distribution 2018-2022	10%		59%	31%	22%		63%		14%	17%
Selected %	12%		58%	30%	22%		57%		21%	24%

Notes:

1. Accident years end 6/30.

Reconciliation to Loss Data As of June 30, 2024

	Item	Milliman Exhibit	Value	CJPIA Loss Run Field	Value
(1)	Retained Paid Loss		a. b. c.	Net Payment Loss Recovery Loss* a + b	\$485,313,468 (\$48,072,880) \$437,240,587
(2)	Retained Paid ALAE		a. b. c.	Net Payment Expense Recovery Expense Paid* a + b	\$258,798,358 (\$10,492,677) \$248,305,681
(3)	Retained Paid Loss & ALAE - Da	taseed Claims		Prior CJPIA Data	\$121,765,066
(4)	Paid Loss & ALAE Retained by S	equoia Pacific			\$3,978,459
(5)	Retained Paid Loss & ALAE	Ex. PLP-26, Col. (5)	\$803,332,875	(1) + (2) + (3) - (4)	\$803,332,875
(6)	Loss Recovered		a. b. c.	-Recovery Loss Subrogation Claims** a + b	\$48,072,880 \$0 \$48,072,880
(7)	ALAE Recovered			-Recovery Expense Paid	\$10,492,677
(8)	Loss & ALAE Recovered - Datas	eed claims		Prior CJPIA Data	\$5,623,451
(9)	Loss & ALAE Recovered	Ex. PLP-26, Col. (3) + Col. (4)	\$68,167,467	(4) + (6) + (7) + (8)	\$68,167,467
(10)	Loss Case Reserves			Net Reserve Loss	\$71,078,516
(11)	ALAE Case Reserves			Net Reserve Expense	\$18,882,270
(12)	Loss & ALAE Case Reserves - D	ataseed Claims		Prior CJPIA Data	\$0
(13)	Incurred Loss & ALAE	Ex. PLP-26, Col. (1)	\$961,461,127	(5)+(9)+(10)+(11)+(12)	\$961,461,127

- 1. CJPIA Loss Run values are the sum of the individual claim amounts from "2 PLP Loss Run 20240630 Client Download 1 of 2.xlsx" and "2 PLP Loss Run 20240630 Client Download 2 of 2.xlsx" provided to Milliman on August 14, 2024.
- 2. Dataseed claims are closed claims from 1997 and prior, taken from data previously provided by CJPIA.
- 3. (*) Net columns in the loss run are actually gross of recoveries. Adjusting to be net of recoveries.
- 4. (**) Excluding claims with LOB equal to "Subrogation" in the loss run per CJPIA.

Reported Lost-Time Claim Count Development (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	309	368	377	382	386	388	390	390	391	390	390	389	389	390	389	389
2010	297	365	377	384	387	389	392	393	393	392	393	393	393	394	394	
2011	333	386	406	412	416	416	416	416	415	415	415	416	415	415		
2012	311	374	392	400	405	407	407	406	406	407	407	407	407			
2013	288	327	339	341	348	349	348	349	349	349	349	349				
2014	267	315	321	324	326	326	326	326	326	327	327					
2015	273	333	345	351	353	355	356	357	357	358						
2016	220	287	301	307	310	311	311	311	311							
2017	250	318	325	326	329	331	332	331								
2018	252	312	324	335	337	337	339									
2019	249	301	318	327	331	334										
2020	206	267	287	290	293											
2021	240	295	320	323	200											
2022	238	305	330	020												
2023	232	286	330													
2024	247	200														
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.191	1.024	1.013	1.010	1.005	1.005	1.000	1.003	0.997	1.000	0.997	1.000	1.003	0.997	1.000	
2010	1.229	1.033	1.019	1.008	1.005	1.008	1.003	1.000	0.997	1.003	1.000	1.000	1.003	1.000		
2011	1.159	1.052	1.015	1.010	1.000	1.000	1.000	0.998	1.000	1.000	1.002	0.998	1.000			
2012	1.203	1.048	1.020	1.013	1.005	1.000	0.998	1.000	1.002	1.000	1.000	1.000				
2013	1.135	1.037	1.006	1.021	1.003	0.997	1.003	1.000	1.000	1.000	1.000					
2014	1.180	1.019	1.009	1.006	1.000	1.000	1.000	1.000	1.003	1.000						
2015	1.220	1.036	1.017	1.006	1.006	1.003	1.003	1.000	1.003							
2016	1.305	1.049	1.020	1.010	1.003	1.000	1.000	1.000								
2017	1.272	1.022	1.003	1.009	1.006	1.003	0.997									
2018	1.238	1.038	1.034	1.006	1.000	1.006										
2019	1.209	1.056	1.028	1.012	1.009											
2020	1.296	1.075	1.010	1.010												
2021	1.229	1.085	1.009													
2022	1.282	1.082														
2023	1.233															
Vol Wtd Avg	1.220	1.046	1.016	1.010	1.004	1.002	1.000	1.000	1.000	1.000	1.000	0.999	1.002	0.999	1.000	
3 Yr Vol Wtd Avg	1.248	1.081	1.016	1.009	1.005	1.003	1.000	1.000	1.002	1.000	1.001	0.999	1.002			
4 Yr Vol Wtd Avg	1.259	1.074	1.021	1.009	1.005	1.003	1.000	1.000	1.002	1.000	1.001	0.999				
5 Yr Vol Wtd Avg	1.248	1.067	1.017	1.009	1.005	1.002	1.001	1.000	1.002	1.001	1.000					
Prior Selection	1.252	1.072	1.019	1.009	1.004	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.259	1.074	1.021	1.009	1.005	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	1.410	1.120	1.043	1.021	1.012	1.007	1.004	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	0.709	0.893	0.959	0.979	0.988	0.993	0.996	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000

^{1.} Accident years end 6/30.

Developed Experience - Reported Lost-Time Claim Count (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims)
As of June 30, 2024

	Cumulative Reported		Developed Ultimate
	LT Claim	Factor to	LT Claim
Accident	Count	Ultimate	Count
Year	(Data)	(Ex. PWCP-1)	(1) x (2)
	(1)	(2)	(3)
Prior	6,894	1.000	6,894
2009	389	1.000	389
2010	394	1.000	394
2011	415	1.000	415
2012	407	1.000	407
2013	349	1.000	349
2014	327	1.000	327
2015	358	1.000	358
2016	311	1.001	311
2017	331	1.002	332
2018	339	1.004	340
2019	334	1.007	336
2020	293	1.012	297
2021	323	1.021	330
2022	330	1.043	344
2023	286	1.120	320
2024	247	1.410	348
Total	12,327		12,492

- 1. Accident years end 6/30.
- 2. LT is lost time.

Selected Ultimate Lost-Time Claim Count (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	Developed Ultimate LT Claim Count (Ex. PWCP-2) (1)	Payroll (\$Millions) (Data) (2)	Indicated Frequency (1) / (2) (3)	Industry On-Level Factor (Note 3) (4)	Residual Trend Factor (Note 4) (5)	Indicated On-Level Frequency (3) x (4) x (5) (6)	Selected On-Level Frequency (Note 5)	Projected Frequency _(7) / (4) / (5) 	Projected Ultimate LT Claim Count (2) x (8) (9)	Selected Ultimate LT Claim Count (Note 6) (10)	Prior Ultimate LT Claim Count (Note 7) (11)	Change (10) - (11) (12)
Prior	6,894									6,894	6,894	_
2009	389	767	0.507	0.548	1.250	0.348				389	389	-
2010	394	756	0.521	0.519	1.232	0.333				394	394	-
2011	415	726	0.572	0.528	1.214	0.366				415	415	-
2012	407	717	0.567	0.526	1.196	0.356				407	407	-
2013	349	713	0.489	0.527	1.178	0.304				349	349	-
2014	327	725	0.451	0.543	1.161	0.285				327	327	-
2015	358	702	0.510	0.577	1.143	0.336				358	357	1
2016	311	734	0.424	0.604	1.126	0.289				311	312	(1)
2017	332	764	0.434	0.642	1.110	0.309				332	333	(1)
2018	340	752	0.453	0.668	1.093	0.331				340	339	1
2019	336	779	0.432	0.685	1.077	0.319				336	334	2
2020	297	792	0.375	0.788	1.061	0.313				297	295	2
2021	330	804	0.410	0.812	1.046	0.348				330	332	(2) 5
2022	344	848	0.406	0.882	1.030	0.369				344	339	5
2023	320	888	0.361	0.934	1.015	0.342				320	338	(18)
2024	348	854	0.408	1.000	1.000	0.408	0.353	0.353	301	317	298	19
Total	12,492			20	021-2023 Average:					12,460	12,452	8
				Last A	Analysis - Trended:	0.351						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (4) is based on information provided by the WCIRB.
- 4. Column (5) is based on an annual trend of 1.5%.
- 5. Column (7) is based on Column (6).
- 6. Column (10) is a weighted average of columns (1) and (9).
- 7. Column (11) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

Incurred Indemnity Development (\$000)

(Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$2,477	\$4,744	\$6,355	\$6,865	\$7,444	\$7,531	\$7,757	\$7,718	\$7,829	\$7,872	\$7,902	\$7,827	\$7,823	\$7,834	\$7,834	\$7,995
2010	2,877	4,922	6,198	7,070	7,275	7,621	7,755	7,757	7,792	7,804	7,795	7,747	7,823	7,890	7,895	
2011	2,862	5,106	6,959	7,794	8,324	8,411	8,478	8,748	8,810	8,815	8,883	8,794	8,791	8,800		
2012	3,056	6,421	8,017	8,881	9,613	10,162	9,897	9,793	9,830	9,955	9,892	11,277	11,468			
2013	3,632	7,509	8,500	9,060	9,320	9,514	10,341	10,680	10,536	10,604	10,604	10,485				
2014	3,466	5,927	7,486	7,550	8,123	8,350	8,321	8,422	8,339	8,567	8,674					
2015	3,863	6,974	9,198	10,178	10,945	11,284	11,528	11,774	11,576	11,575						
2016	3,934	6,622	8,051	8,653	8,979	9,067	9,112	9,147	9,259							
2017	4,903	11,067	12,598	13,625	15,290	15,681	15,565	15,562								
2018	4,563	7,313	9,193	10,720	10,603	10,946	11,167									
2019	5,396	9,277	11,083	12,698	13,250	13,329										
2020	4,783	7,828	9,481	11,215	11,836											
2021	6,635	10,038	11,687	12,818												
2022	4,814	10,379	13,300													
2023	5,163	11,203														
2024	4,285															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.915	1.340	1.080	1.084	1.012	1.030	0.995	1.014	1.005	1.004	0.991	0.999	1.001	1.000	1.021	
2010	1.711	1.259	1.141	1.029	1.047	1.018	1.000	1.005	1.001	0.999	0.994	1.010	1.009	1.001		
2011	1.784	1.363	1.120	1.068	1.010	1.008	1.032	1.007	1.001	1.008	0.990	1.000	1.001			
2012	2.101	1.249	1.108	1.082	1.057	0.974	0.989	1.004	1.013	0.994	1.140	1.017				
2013	2.068	1.132	1.066	1.029	1.021	1.087	1.033	0.986	1.006	1.000	0.989					
2014	1.710	1.263	1.009	1.076	1.028	0.997	1.012	0.990	1.027	1.012						
2015	1.805	1.319	1.107	1.075	1.031	1.022	1.021	0.983	1.000							
2016	1.683	1.216	1.075	1.038	1.010	1.005	1.004	1.012								
2017	2.257	1.138	1.082	1.122	1.026	0.993	1.000									
2018	1.603	1.257	1.166	0.989	1.032	1.020										
2019	1.719	1.195	1.146	1.043	1.006											
2020	1.637	1.211	1.183	1.055												
2021	1.513	1.164	1.097													
2022	2.156	1.281														
2023	2.170															
Vol Wtd Avg	1.848	1.230	1.107	1.059	1.025	1.014	1.010	0.999	1.007	1.002	1.023	1.007	1.004	1.000	1.021	
3 Yr Vol Wtd Avg	1.903	1.220	1.139	1.030	1.021	1.004	1.008	0.994	1.010	1.001	1.040	1.009	1.004			
4 Yr Vol Wtd Avg	1.844	1.214	1.145	1.056	1.019	1.008	1.009	0.992	1.010	1.003	1.030	1.007				
5 Yr Vol Wtd Avg	1.819	1.221	1.130	1.054	1.021	1.007	1.013	0.994	1.009	1.002	1.023					
Prior Selection	1.735	1.203	1.164	1.053	1.025	1.015	1.013	1.011	1.009	1.007	1.006	1.004	1.002	1.000	1.000	1.000
Selected	1.903	1.214	1.145	1.056	1.019	1.015	1.014	1.012	1.010	1.008	1.007	1.005	1.003	1.002	1.001	1.005
Cumulative	3.089	1.623	1.337	1.168	1.105	1.085	1.069	1.054	1.042	1.031	1.023	1.016	1.011	1.008	1.006	1.005
Ratio to Ult	0.324	0.616	0.748	0.856	0.905	0.922	0.935	0.949	0.960	0.970	0.977	0.984	0.989	0.992	0.994	0.995
5 01	0.021	0.0.0	JJ	0.000	0.000	0.022	0.000	0.0.0	0.000	0.0.0	0.0.7	0.004	0.000	0.002	0.00	0.000

^{1.} Accident years end 6/30.

Paid Indemnity Development (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
\$1,209	\$3,487	\$4,728	\$5,971	\$6,595	\$6,835	\$7,138	\$7,269	\$7,415	\$7,511	\$7,586	\$7,601	\$7,612	\$7,640	\$7,658	\$7,685
1,354	3,202	4,416	5,680	6,575	7,215	7,470	7,561	7,666	7,717	7,736	7,714	7,770	7,768	7,873	
1,814	3,686	5,463	6,685	7,184	7,533	7,924	8,092	8,169	8,254	8,268	8,395	8,421	8,444		
1,517	3,973	5,804	6,875	7,828	8,487	8,964	9,123	9,201	9,304	9,368	9,926	10,279			
1,693	4,844	6,376	7,459	8,202	8,671	8,905	9,549	10,061	10,200	10,238	10,273				
1,488	3,962	5,743	6,511	6,982	7,792	7,902	7,946	8,185	8,224	8,333					
2,074	4,427	6,988	8,729	9,601	10,208	10,421	10,737	10,868	10,929						
2,036	4,727	6,338	7,293	8,013	8,304	8,633	8,741	8,913							
	5,457	9,776	11,507	13,740											
	4,679	6,735	8,043	9,135											
				10,685	11,171										
					,										
			,	.,											
			,												
		,													
2,087	0,000														
12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2.884	1.356	1.263	1.104	1.036	1.044	1.018	1.020	1.013	1.010	1.002	1.001	1.004	1.002	1.004	
2.366	1.379	1.286	1.158	1.097	1.035	1.012	1.014	1.007	1.002	0.997	1.007	1.000	1.013		
2.032	1.482	1.224	1.075	1.048	1.052	1.021	1.010	1.010	1.002	1.015	1.003	1.003			
2.618	1.461	1.185	1.139	1.084	1.056	1.018	1.009	1.011	1.007	1.060	1.036				
2.860	1.316	1.170	1.100	1.057	1.027	1.072	1.054	1.014	1.004	1.003					
2.662	1.449	1.134	1.072	1.116	1.014	1.006	1.030	1.005	1.013						
2.134	1.579	1.249	1.100	1.063	1.021	1.030	1.012	1.006							
2.322	1.341	1.151	1.099	1.036	1.040	1.013	1.020								
2.842	1.791	1.177	1.194	1.045	1.022	1.016									
2.345	1.439	1.194	1.136	1.094	1.027										
2.536	1.288	1.215	1.068	1.045											
3.237	1.462	1.217	1.115												
2.939	1.325	1.145													
2.998	1.340														
2.717															
2.636	1.422	1.196	1.115	1.064	1.032	1.023	1.021	1.009	1.006	1.017	1.013	1.002	1.008	1.004	
2.871	1.366	1.189	1.104	1.058			1.020	1.008	1.008			1.002			
2.931	1.347	1.190	1.131	1.054	1.026	1.017	1.028	1.009	1.006	1.020	1.013				
2.850	1.361	1.187	1.125	1.056	1.025	1.027	1.025	1.009	1.006	1.017					
3.033	1.367	1.210	1.128	1.058	1.026	1.024	1.022	1.018	1.011	1.005	1.003	1.003	1.002	1.001	1.020
2.871	1.347	1.190	1.131	1.054	1.026	1.021	1.017	1.017	1.013	1.009	1.008	1.006	1.004	1.002	1.035
6.415	2 23/	1 650	1 30/	1 232	1 170	1 140	1 116	1 007	1 080	1.065	1 056	1 047	1 041	1 037	1.035
0.415	0.448	0.603	0.717	0.811	0.855	0.877	0.896	0.911	0.926	0.939	0.947	0.955	0.961	0.964	0.966
	\$1,209 1,354 1,814 1,517 1,693 1,488 2,074 2,036 1,920 1,995 2,522 1,582 2,492 2,520 3,165 2,087 12-24 2,884 2,366 2,032 2,618 2,860 2,662 2,134 2,322 2,842 2,345 2,536 3,237 2,939 2,998 2,717 2,636 2,871 2,931 2,850 3,033 2,871 6,415	\$1,209 \$3,487 1,354 3,202 1,814 3,686 1,517 3,973 1,693 4,844 1,488 3,962 2,074 4,427 2,036 4,727 1,992 5,457 1,995 4,679 2,522 6,396 1,582 5,122 2,492 7,324 2,520 7,556 3,165 8,599 2,087 12-24 24-36 2.884 1.356 2.366 1.379 2.032 1.482 2.618 1.461 2.860 1.316 2.662 1.449 2.134 1.579 2.322 1.341 2.842 1.791 2.345 1.439 2.536 1.288 3.237 1.462 2.939 1.325 2.998 1.340 2.717 2.636 1.422 2.871 1.366 2.931 1.347 2.850 1.361 3.033 1.367 2.871 1.347 6.415 2.234	\$1,209 \$3,487 \$4,728 1,354 3,202 4,416 1,814 3,686 5,463 1,517 3,973 5,804 1,693 4,844 6,376 1,488 3,962 5,743 2,074 4,427 6,988 2,036 4,727 6,338 1,920 5,457 9,776 1,995 4,679 6,735 2,522 6,396 8,236 1,582 5,122 7,491 2,492 7,324 9,700 2,520 7,556 10,129 3,165 8,599 2,087 12-24 24-36 36-48 2.884 1.356 1.263 2.366 1.379 1.286 2.032 1,482 1.224 2.618 1,461 1.185 2.860 1,316 1.170 2.662 1,449 1.134 2.134 1,579 1,249 2.322 1,341 1,151 2.842 1,791 1,177 2.345 1,439 1,194 2.536 1,288 1,215 3,237 1,462 1,217 2.939 1,325 1,145 2.998 1,340 2.717 2.636 1,422 1,196 2.871 1,366 1,189 2.931 1,347 1,190 2.871 1,367 1,210 2.871 1,367 1,210	\$1,209 \$3,487 \$4,728 \$5,971 1,354 3,202 4,416 5,680 1,814 3,686 5,463 6,685 1,517 3,973 5,804 6,875 1,693 4,844 6,376 7,459 1,488 3,962 5,743 6,511 2,074 4,427 6,988 8,729 2,036 4,727 6,338 7,293 1,920 5,457 9,776 11,507 1,995 4,679 6,735 8,043 2,522 6,396 8,236 10,008 1,582 5,122 7,491 9,119 2,492 7,324 9,700 11,106 2,520 7,556 10,129 3,165 8,599 2,087 12-24 24-36 36-48 48-60 2.884 1,356 1,263 1,104 2.366 1,379 1,286 1,158 2.032 1,482 1,224 1,075 2,618 1,461 1,185 1,139 2.860 1,316 1,170 1,100 2.662 1,449 1,134 1,072 2,134 1,579 1,249 1,100 2,322 1,341 1,151 1,099 2,842 1,791 1,177 1,194 2,345 1,439 1,194 1,136 2,536 1,288 1,215 1,068 3,237 1,462 1,217 1,115 2,939 1,325 1,145 2,998 1,340 2,717 2,636 1,422 1,196 1,115 2,871 1,366 1,189 1,104 2,931 1,347 1,190 1,131 2,850 1,361 1,187 1,125 3,033 1,367 1,210 1,128 2,871 1,347 1,190 1,131 6,415 2,234 1,659 1,394	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 1,354 3,202 4,416 5,680 6,575 1,814 3,686 5,463 6,685 7,184 1,517 3,973 5,804 6,875 7,828 1,693 4,844 6,376 7,459 8,202 1,488 3,962 5,743 6,511 6,982 2,074 4,427 6,988 8,729 9,601 2,036 4,727 6,338 7,293 8,013 1,920 5,457 9,776 11,507 13,740 1,995 4,679 6,735 8,043 9,135 2,522 6,396 8,236 10,008 10,685 1,582 5,122 7,491 9,119 10,166 2,492 7,324 9,700 11,106 2,520 7,556 10,129 3,165 8,599 2,087 12-24 24-36 36-48 48-60 60-72 2.884 1,356 1,263 1,104 1,036 2,366 1,379 1,286 1,158 1,097 2,032 1,482 1,224 1,075 1,048 2,618 1,461 1,185 1,139 1,084 2,662 1,449 1,134 1,072 1,116 2,134 1,579 1,249 1,100 1,057 2,662 1,449 1,134 1,072 1,116 2,134 1,579 1,249 1,100 1,063 2,322 1,341 1,151 1,099 1,036 2,842 1,791 1,177 1,194 1,045 2,345 1,439 1,194 1,136 1,094 2,536 1,288 1,215 1,068 1,045 3,237 1,462 1,217 1,115 2,939 1,325 1,145 2,998 1,340 2,717 2,636 1,422 1,196 1,115 1,064 2,871 1,367 1,210 1,128 1,058 2,871 1,347 1,190 1,131 1,054 2,871 1,347 1,190 1,131 1,054 2,871 1,347 1,190 1,131 1,054 4,415 2,234 1,659 1,394 1,233	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 1,354 3,202 4,416 5,680 6,575 7,215 1,814 3,686 5,463 6,685 7,184 7,533 1,517 3,973 5,804 6,875 7,828 8,487 1,693 4,844 6,376 7,459 8,202 8,671 1,488 3,962 5,743 6,511 6,982 7,792 2,074 4,427 6,988 8,729 9,601 10,208 2,036 4,727 6,338 7,293 8,013 8,304 1,920 5,457 9,776 11,507 13,740 14,351 1,995 4,679 6,735 8,043 9,135 9,993 2,522 6,396 8,236 10,008 10,685 11,171 1,582 5,122 7,491 9,119 10,166 2,492 7,324 9,700 11,106 2,520 7,556 10,129 3,165 8,599 2,087 12-24 24-36 36-48 48-60 60-72 72-84 2.884 1.356 1.263 1.104 1.036 1.044 2.366 1.379 1.286 1.158 1.097 1.035 2.032 1.482 1.224 1.075 1.048 1.052 2.618 1.461 1.185 1.139 1.084 1.056 2.860 1.316 1.170 1.100 1.057 1.027 2.662 1.449 1.134 1.072 1.116 1.014 2.134 1.579 1.249 1.100 1.063 1.021 2.345 1.439 1.194 1.136 1.094 1.022 2.345 1.439 1.194 1.136 1.094 1.027 2.536 1.288 1.215 1.068 1.045 3.237 1.462 1.217 1.115 2.998 1.340 2.717 2.636 1.422 1.196 1.115 1.064 1.032 2.850 1.361 1.187 1.125 1.056 1.025 3.033 1.367 1.210 1.128 1.058 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 2.871 1.347 1.190 1.131 1.054 1.026 3.033 1.367 1.210 1.128 1.058 1.026 3.034 1.056 1.025 3.034 1.056 1.059 1.094 1.233 1.170	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 1,354 3,202 4,416 5,680 6,575 7,215 7,470 1,814 3,686 5,463 6,685 7,184 7,533 7,924 1,517 3,973 5,804 6,875 7,828 8,487 8,964 1,693 4,844 6,376 7,459 8,202 8,671 8,905 1,488 3,962 5,743 6,511 6,982 7,792 7,902 2,074 4,427 6,988 8,729 9,601 10,208 10,421 2,036 4,727 6,338 7,293 8,013 8,304 8,633 1,920 5,457 9,776 11,507 13,740 14,351 14,671 1,995 4,679 6,735 8,043 9,135 9,993 10,263 2,522 6,396 8,236 10,008 10,685 11,171 1,582 5,122 7,491 9,119 10,166 2,492 7,324 9,700 11,106 2,492 7,324 9,700 11,106 2,492 7,324 9,700 11,106 2,520 7,556 10,129 3,165 8,599 2,087 12-24 24-36 36-48 48-60 60-72 72-84 84-96 2.884 1.356 1.263 1.104 1.036 1.044 1.018 2.366 1.379 1.286 1.158 1.097 1.035 1.012 2.032 1.482 1.224 1.075 1.048 1.052 1.021 2.618 1.461 1.185 1.139 1.084 1.056 1.018 2.860 1.316 1.170 1.100 1.057 1.027 1.072 2.662 1.449 1.134 1.072 1.116 1.014 1.006 2.134 1.579 1.249 1.100 1.063 1.021 1.030 2.322 1.341 1.151 1.099 1.036 1.040 1.013 2.842 1.791 1.177 1.194 1.045 1.022 1.016 2.345 1.439 1.194 1.136 1.094 1.027 2.536 1.288 1.215 1.068 1.045 3.237 1.462 1.217 1.115 2.998 1.340 2.717 2.636 1.422 1.196 1.115 1.064 1.032 1.023 2.993 1.325 1.145 2.998 1.340 2.871 1.366 1.189 1.104 1.058 1.028 1.020 2.931 1.347 1.190 1.131 1.054 1.026 1.017 2.850 1.361 1.187 1.125 1.056 1.025 1.027 3.033 1.367 1.210 1.128 1.058 1.026 1.024 2.871 1.347 1.190 1.131 1.054 1.026 1.021 4.021 4.021 4.022 4.023 4.023 4.024 4.025 4.025 4.026 4.026 4.027 4.028 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.029 4.020 4.020 4.020 4.020 4.020 4.021 4.020 4.021 4.020 4.021 4.022	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 \$7,269 \$1,354 \$3,202 \$4,416 \$5,680 \$6,575 \$7,215 \$7,470 \$7,561 \$1,814 \$3,686 \$5,463 \$6,685 \$7,184 \$7,533 \$7,924 \$8,092 \$1,517 \$3,973 \$5,804 \$6,875 \$7,828 \$8,487 \$8,964 \$9,123 \$1,693 \$4,844 \$6,376 \$7,459 \$8,202 \$8,671 \$8,905 \$9,549 \$1,488 \$3,962 \$5,743 \$6,511 \$6,982 \$7,792 \$7,902 \$7,946 \$2,074 \$4,427 \$6,988 \$7,293 \$8,013 \$8,304 \$8,633 \$8,741 \$1,920 \$4,679 \$6,735 \$8,043 \$9,135 \$9,993 \$10,263 \$2,522 \$6,396 \$8,236 \$10,008 \$10,685 \$11,171 \$1,995 \$4,679 \$6,735 \$8,043 \$9,135 \$9,993 \$10,263 \$2,522 \$6,396 \$8,236 \$10,008 \$10,685 \$11,171 \$1,582 \$5,122 \$7,491 \$9,119 \$10,166 \$2,492 \$7,324 \$9,700 \$11,106 \$2,520 \$7,556 \$10,129 \$3,165 \$8,599 \$2,087 \$14,421 \$1,144 \$1,185 \$1,139 \$1,084 \$1,052 \$1,021 \$1,010 \$2,683 \$1,346 \$1,170 \$1,140 \$1,057 \$1,027 \$1,072 \$1,054 \$1,491 \$1,140 \$1,140 \$1,060 \$1,340 \$1,141 \$1,150 \$1,141 \$1,151 \$1,141 \$1,1	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 \$7,269 \$7,415 \$1,354 \$3,202 \$4,416 \$5,680 \$6,575 \$7,215 \$7,470 \$7,561 \$7,666 \$1,814 \$3,686 \$5,463 \$6,685 \$7,184 \$7,533 \$7,924 \$8,092 \$8,169 \$1,517 \$3,973 \$5,804 \$6,875 \$7,828 \$8,487 \$8,964 \$9,123 \$9,201 \$1,693 \$4,844 \$6,376 \$7,459 \$8,202 \$8,671 \$8,905 \$9,549 \$10,001 \$1,488 \$3,962 \$5,743 \$6,511 \$6,982 \$7,792 \$7,902 \$7,946 \$8,185 \$2,074 \$4,427 \$6,988 \$7,29 \$9,601 \$10,208 \$10,421 \$10,737 \$10,868 \$2,036 \$4,727 \$6,338 \$7,293 \$8,013 \$8,304 \$8,633 \$8,741 \$8,913 \$1,920 \$5,457 \$9,776 \$11,507 \$13,740 \$14,351 \$14,671 \$14,911 \$1,995 \$4,679 \$6,735 \$8,043 \$9,135 \$9,993 \$10,263 \$2,522 \$6,396 \$8,236 \$10,008 \$10,685 \$11,171 \$1,955 \$4,679 \$9,700 \$11,106 \$2,920 \$7,556 \$10,129 \$3,165 \$8,599 \$2,087 \$11,106 \$1,026 \$1,024 \$1,020 \$1,014 \$1,007 \$2,032 \$1,482 \$1,224 \$1,075 \$1,048 \$1,052 \$1,021 \$1,010 \$1,010 \$2,618 \$1,461 \$1,185 \$1,139 \$1,084 \$1,056 \$1,018 \$1,009 \$1,014 \$2,662 \$1,449 \$1,134 \$1,072 \$1,116 \$1,014 \$1,006 \$1,030 \$1,015 \$2,322 \$1,341 \$1,151 \$1,099 \$1,035 \$1,021 \$1,054 \$1,005 \$2,322 \$1,341 \$1,151 \$1,099 \$1,036 \$1,024 \$1,022 \$1,006 \$2,323 \$1,462 \$1,217 \$1,115 \$2,939 \$1,325 \$1,145 \$2,938 \$1,340 \$2,157 \$1,115 \$2,939 \$1,325 \$1,145 \$2,938 \$1,340 \$2,157 \$1,025 \$1,027 \$1,025 \$1,008 \$2,327 \$1,462 \$1,217 \$1,115 \$2,939 \$1,325 \$1,145 \$2,939 \$1,340 \$1,187 \$1,190 \$1,131 \$1,054 \$1,026 \$1,024 \$1,022 \$1,008 \$2,871 \$1,366 \$1,189 \$1,104 \$1,056 \$1,025 \$1,027 \$1,002 \$1,008 \$2,871 \$1,366 \$1,189 \$1,104 \$1,056 \$1,025 \$1,027 \$1,005 \$1,008 \$2,931 \$1,347 \$1,190 \$1,131 \$1,054 \$1,026 \$1,021 \$1,020 \$1,020 \$1,008 \$2,931 \$1,347 \$1,190 \$1,131 \$1,054 \$1,026 \$1,021 \$1,017 \$1,017 \$1,017 \$2,871 \$1,347 \$1,190 \$1,131 \$1,054 \$1,026 \$1,021 \$1,010 \$1,010 \$2,101 \$2,101 \$1,010 \$1,010 \$2,101 \$1,010 \$1,010 \$2,101 \$1,010	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 \$7,269 \$7,415 \$7,511 \$1,354 \$3,202 \$4,416 \$5,680 \$6,575 7,215 7,470 7,561 7,666 7,717 1,814 3,686 5,463 6,685 7,184 7,533 7,924 8,092 8,169 8,254 1,517 3,973 5,804 6,875 7,828 8,487 8,964 9,123 9,201 9,304 1,693 4,844 6,376 7,459 8,202 8,671 8,905 9,549 10,061 10,200 1,488 3,962 5,743 6,511 6,982 7,792 7,902 7,946 8,185 8,224 2,074 4,427 6,988 8,729 9,601 10,208 10,421 10,737 10,868 10,929 2,036 4,727 6,338 7,293 8,013 8,304 8,633 8,741 8,913 1,995 4,679 6,735 8,043 9,135 9,993 10,263 1,920 5,467 9,776 11,507 13,740 14,351 14,671 14,911 1,582 5,122 7,491 9,119 10,166 2,520 7,556 10,129 8,599 2,087	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 \$7,269 \$7,415 \$7,511 \$7,586 \$1,384 \$3,202 \$4,416 \$5,680 \$6,575 \$7,215 \$7,470 \$7,561 \$7,666 \$7,717 \$7,736 \$1,814 \$3,686 \$5,463 \$6,685 \$7,184 \$7,533 \$7,924 \$8,092 \$8,169 \$8,254 \$2,688 \$1,617 \$3,973 \$5,604 \$6,875 \$7,828 \$8,487 \$8,964 \$9,123 \$9,201 \$9,304 \$9,368 \$1,693 \$4,844 \$6,376 \$7,459 \$8,202 \$8,671 \$8,905 \$9,549 \$10,061 \$10,200 \$10,238 \$1,488 \$3,962 \$5,743 \$6,511 \$6,982 \$7,792 \$7,902 \$7,946 \$8,185 \$8,224 \$8,333 \$2,074 \$4,427 \$6,338 \$7,293 \$9,601 \$10,208 \$10,421 \$10,737 \$10,868 \$10,929 \$2,036 \$4,727 \$6,338 \$7,293 \$9,601 \$10,208 \$10,421 \$10,737 \$10,868 \$10,929 \$2,036 \$4,727 \$6,338 \$7,293 \$8,013 \$8,304 \$8,633 \$8,741 \$8,913 \$1,920 \$5,457 \$9,776 \$11,507 \$13,740 \$14,351 \$14,671 \$1,4911 \$1,995 \$4,679 \$6,735 \$8,043 \$9,135 \$9,993 \$10,263 \$2,522 \$6,336 \$8,236 \$10,008 \$10,865 \$11,171 \$1,582 \$5,122 \$7,491 \$9,119 \$10,166 \$2,520 \$7,556 \$10,129 \$3,165 \$8,599 \$2,087 \$1,507 \$1,507 \$1,048 \$10,529 \$1,024 \$1,007 \$1,000 \$0,997 \$2,032 \$1,482 \$1,224 \$1,075 \$1,044 \$1,055 \$1,012 \$1,014 \$1,007 \$1,002 \$0,997 \$2,032 \$1,482 \$1,224 \$1,075 \$1,048 \$1,052 \$1,021 \$1,014 \$1,007 \$1,002 \$0,997 \$2,032 \$1,482 \$1,224 \$1,075 \$1,048 \$1,055 \$1,012 \$1,014 \$1,007 \$1,002 \$0,997 \$2,032 \$1,482 \$1,224 \$1,075 \$1,048 \$1,055 \$1,012 \$1,014 \$1,007 \$1,002 \$0,997 \$2,032 \$1,482 \$1,224 \$1,075 \$1,048 \$1,055 \$1,012 \$1,014 \$1,007 \$1,002 \$2,966 \$1,316 \$1,170 \$1,100 \$1,057 \$1,027 \$1,054 \$1,014 \$1,004 \$1,003 \$2,662 \$1,449 \$1,134 \$1,072 \$1,116 \$1,044 \$1,006 \$1,030 \$1,005 \$1,013 \$2,344 \$1,579 \$1,249 \$1,100 \$1,005 \$1,022 \$1,016 \$2,337 \$1,462 \$1,217 \$1,115 \$2,399 \$1,325 \$1,145 \$2,399 \$1,325 \$1,145 \$2,399 \$1,325 \$1,145 \$2,399 \$1,325 \$1,145 \$2,399 \$1,325 \$1,145 \$2,399 \$1,325 \$1,145 \$2,399 \$1,325 \$1,145 \$1,099 \$1,006 \$1,027 \$2,891 \$1,340 \$2,177 \$1,156 \$1,094 \$1,025 \$1,025 \$1,009 \$1,006 \$1,007 \$2,891 \$1,340 \$2,141 \$1,151 \$1,099 \$1,056 \$1,025 \$1,027 \$1,025 \$1,009 \$1,006 \$1,017 \$3,033 \$1,367 \$1,210 \$1,128 \$1,058 \$1,026 \$1,024 \$1,022 \$1,018 \$1,011 \$1,006 \$1,020 \$2,891 \$1,340 \$1,149 \$1,156 \$1,096 \$1,025 \$1,025 \$1,027 \$1,009 \$1,006 \$1,00	\$1,209 \$3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 \$7,269 \$7,415 \$7,511 \$7,586 \$7,601 \$1,354 \$3,202 \$4,416 \$5,680 \$6,575 \$7,215 \$7,470 \$7,661 \$7,666 \$7,717 \$7,736 \$7,714 \$1,814 \$3,086 \$5,463 \$6,865 \$7,184 \$7,533 \$7,924 \$6,092 \$8,169 \$8,224 \$2,828 \$3,95 \$1,517 \$3,973 \$5,804 \$6,875 \$7,828 \$8,487 \$8,964 \$9,123 \$9,201 \$9,304 \$9,368 \$9,926 \$1,693 \$4,844 \$6,376 \$7,459 \$8,202 \$8,671 \$8,905 \$9,549 \$10,061 \$10,200 \$10,238 \$10,273 \$1,488 \$3,962 \$7,43 \$6,511 \$6,982 \$7,792 \$7,902 \$7,946 \$8,185 \$8,224 \$8,333 \$2,074 \$4,427 \$6,988 \$7,299 \$9,601 \$10,208 \$10,421 \$10,737 \$10,868 \$10,929 \$2,036 \$4,727 \$6,338 \$7,293 \$8,013 \$8,034 \$8,633 \$8,741 \$8,913 \$1,920 \$5,457 \$9,776 \$11,507 \$13,740 \$14,351 \$14,671 \$14,911 \$1,995 \$4,679 \$6,735 \$8,043 \$9,135 \$9,993 \$10,263 \$2,522 \$6,996 \$8,336 \$10,008 \$11,171 \$1,066 \$2,522 \$7,491 \$9,119 \$10,166 \$2,522 \$7,556 \$10,129 \$3,165 \$8,599 \$2,087 \$1,882 \$1,356 \$1,286 \$1,186 \$1,097 \$1,035 \$10,121 \$1,010 \$1,002 \$1,001 \$2,001 \$2,002 \$1,482 \$1,224 \$1,075 \$1,048 \$1,052 \$1,021 \$1,010 \$1,007 \$1,002 \$1,001 \$2,002 \$2,800 \$1,361 \$1,167 \$1,170 \$1,008 \$1,056 \$1,361 \$1,461 \$1,185 \$1,139 \$1,084 \$1,052 \$1,021 \$1,010 \$1,010 \$1,002 \$1,015 \$1,003 \$2,860 \$1,316 \$1,170 \$1,100 \$1,057 \$1,077 \$1,077 \$1,077 \$1,078 \$1,008 \$1,340 \$2,144 \$1,156 \$1,241 \$1,151 \$1,099 \$1,340 \$1,241 \$1,151 \$1,099 \$1,340 \$1,241 \$1,151 \$1,099 \$1,340 \$1,241 \$1,151 \$1,099 \$1,340 \$1,241 \$1,151 \$1,099 \$1,045 \$1,022 \$1,015 \$1,033 \$1,026 \$1,241 \$1,151 \$1,099 \$1,340 \$1,241 \$1,151 \$1,099 \$1,045 \$1,022 \$1,016 \$1,022 \$1,016 \$1,020 \$1,017 \$1,010 \$1,00	\$\begin{array}{c c c c c c c c c c c c c c c c c c c	\$\frac{1}{1,354}\$ 3,487 \$4,728 \$5,971 \$6,595 \$6,835 \$7,138 \$7,269 \$7,415 \$7,511 \$7,586 \$7,601 \$7,612 \$7,610 \$1,334 \$3,202 \$4,416 5,680 6,575 7,215 7,470 7,581 7,686 7,717 7,736 7,714 7,770 7,788 1,814 3,686 5,463 6,685 7,184 7,573 7,924 8,092 8,198 8,224 8,288 8,395 8,421 8,444 1,517 3,973 5,804 6,875 7,828 8,487 8,964 9,123 9,201 9,304 9,368 9,926 10,279 1,983 4,444 6,376 7,469 8,202 8,671 8,905 9,549 10,001 10,200 10,238 10,273 1,982 1,074 4,427 6,988 8,729 9,601 10,208 10,421 10,737 10,868 10,929 1,925 1	\$\begin{tabular}{c c c c c c c c c c c c c c c c c c c

^{1.} Accident years end 6/30.

^{2. 192-}ult factor based on tail factor implied by incurred development factors.

Developed Experience - Indemnity (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	Cumulative Incurred Indemnity (Data) (1)	Incurred Factor to Ultimate (Ex. PWCP-4) (2)	Dev U	relopment Velopm	umulative Paid ndemnity (Data) (4)	Paid Factor to Ultimate (Ex. PWCP-5) (5)	Paid Developed Ultimate (4) x (5) (6)	1 S II	velopment Methods Selection Indemnity (Note 2) (7)
Prior	\$ 98,160	1.005	\$	98,651	\$ 97,403	1.035	\$ 100,813	\$	98,651
2009	7,995	1.005		8,035	7,685	1.035	7,954		8,035
2010	7,895	1.006		7,943	7,873	1.037	8,165		7,943
2011	8,800	1.008		8,870	8,444	1.041	8,789		8,870
2012	11,468	1.011		11,594	10,279	1.047	10,766		11,594
2013	10,485	1.016		10,654	10,273	1.056	10,845		10,654
2014	8,674	1.023		8,875	8,333	1.065	8,879		8,875
2015	11,575	1.031		11,938	10,929	1.080	11,799		11,938
2016	9,259	1.042		9,645	8,913	1.097	9,781		9,645
2017	15,562	1.054		16,264 *	14,911	1.116	16,337 *		16,301
2018	11,167	1.069		11,937	10,263	1.140	11,697		11,817
2019	13,329	1.085		14,462	11,171	1.170	13,067		14,113
2020	11,836	1.105		13,082	10,166	1.233	12,535		12,809
2021	12,818	1.168		14,966	11,106	1.394	15,480		15,223
2022	13,300	1.337		17,781	10,129	1.659	16,802		17,292
2023	11,203	1.623		18,182	8,599	2.234	19,212		18,525
2024	4,285	3.089		13,236	2,087	6.415	13,391		13,236
Total	\$ 267,810		\$	296,115	\$ 248,564		\$ 296,312	\$	295,520

- 1. Accident years end 6/30.
- 2. Column (7) is a weighted average of columns (3) and (6).
- 3. (*) Adjusted to reflect no future development on claim # CJP038341IN.

Indemnity Severity Analysis (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	Development Methods Selection Indemnity (Ex. PWCP-6) (1)	Selected Ultimate LT Claim Count (Ex. PWCP-3) (2)	Indicated Severity (1) / (2) (3)	Industry On-Level Factor (Note 3) (4)	Residual Trend Factor (Note 4) (5)	Indicated On-Level Severity (3) x (4) x (5) (6)	On- Sev (No	ected Level verity ote 5) (7)	5	rojected Severity / (4) / (5) (8)	L In	rojected Iltimate demnity 2) x (8) (9)
Prior	\$ 98,651	6,894	\$ 14.310	1.285	1.873	\$ 34.444						
2009	8,035	389	20.655	1.226	1.801	45.601						
2010	7,943	394	20.159	1.261	1.732	44.011						
2011	8,870	415	21.374	1.288	1.665	45.843						
2012	11,594	407	28.487	1.317	1.601	60.076						
2013	10,654	349	30.526	1.364	1.539	64.105						
2014	8,875	327	27.140	1.313	1.480	52.759						
2015	11,938	358	33.347	1.299	1.423	61.639						
2016	9,645	311	31.012	1.327	1.369	56.316						
2017	16,301	332	49.099	1.320	1.316	85.278						
2018	11,817	340	34.755	1.277	1.265	56.180						
2019	14,113	336	42.003	1.203	1.217	61.454						
2020	12,809	297	43.127	1.140	1.170	57.530						
2021	15,223	330	46.131	1.129	1.125	58.570						
2022	17,292	344	50.266	1.063	1.082	57.802	\$	59.180	\$	51.464	\$	17,704
2023	18,525	320	57.892	1.042	1.040	62.756		59.180		54.593		17,470
2024	13,236	317	41.755	1.000	1.000	41.755		59.180		59.180		18,760
Total	\$ 295,520	12,460		20)19-2021 Average:	59.184						
				Last A	nalysis - Trended:	60.250						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (4) is based on information provided by the WCIRB.
- 4. Column (5) is based on an annual residual trend of 4.0%.
- 5. Column (7) is based on Column (6).

Selected Ultimate Indemnity (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	1	umulative Incurred ndemnity (Data) (1)	l S	velopment Methods Selection ndemnity . PWCP-6)	L In	rojected Ultimate demnity PWCP-7) (3)	(Ir	Selected Ultimate Indemnity (Note 2) (4)	Ir	Prior Ultimate Indemnity (Note 3) (5)	thange 4) - (5) (6)
Prior	\$	98,160	\$	98,651			\$	98,651	\$	98,170	\$ 481
2009		7,995		8,035				8,035		7,834	201
2010		7,895		7,943				7,943		7,890	53
2011		8,800		8,870				8,870		8,808	62
2012		11,468		11,594				11,594		11,345	249
2013		10,485		10,654				10,654		10,731	(78)
2014		8,674		8,875				8,875		8,731	144
2015		11,575		11,938				11,938		11,904	34
2016		9,259		9,645				9,645		9,509	136
2017		15,562		16,301				16,301		16,183	117
2018		11,167		11,817				11,817		11,609	207
2019		13,329		14,113				14,113		14,517	(404)
2020		11,836		12,809				12,809		12,780	29
2021		12,818		15,223				15,223		15,572	(349)
2022		13,300		17,292	\$	17,704		17,429		17,230	199
2023		11,203		18,525		17,470		18,174		17,663	511
2024		4,285		13,236		18,760		18,760		17,873	887
Total	\$	267,810	\$	295,520			\$	300,830	\$	298,349	\$ 2,481

- 1. Accident years end 6/30.
- 2. Column (4) is a weighted average of columns (1) through (3).
- 3. Column (5) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

Incurred Medical Development (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$5,009	\$7,270	\$9,072	\$7,769	\$7,342	\$7,161	\$7,239	\$7,185	\$7,279	\$7,122	\$7,049	\$7,114	\$7,297	\$7,244	\$7,131	\$7,117
2010	5,661	7,750	9,420	9,687	9,512	9,755	10,029	12,151	12,218	12,189	13,310	13,316	13,434	13,371	13,213	. ,
2011	4,530	7,678	8,775	8,108	8,220	7,959	8,355	8,190	8,056	8,039	7,896	7,828	7,765	7,638	,	
2012	6,308	9,773	10,222	10,735	10,506	11,357	11,140	10,942	10,687	10,341	10,507	10,538	10,402	,,000		
2013	6,099	9,594	10,860	12,188	13,209	14,660	13,987	13,590	13,195	13,664	13,741	13,952	.0,.02			
2014	5,027	7,189	8,843	9,970	8,909	8,248	7,986	7,804	7,856	7,877	7,710	.0,002				
2015	5,399	8,719	11,546	12,717	13,092	14,152	14,583	14,302	11,552	11,309	7,710					
2016	5,350	9,001	9,926	8,734	8,336	8,093	7,894	8,033	8,213	11,000						
2017	7,169	13,595	14,392	13,308	13,760	13,099	13,462	13,525	0,210							
2018	7,265	10,293	11,146	10,246	9,498	9,339	9,292	10,020								
2019	7,948	12,922	13,751	13,764	14,034	12,955	0,202									
2020	4,640	7,672	9,043	8,716	8,413	12,000										
2021	4,542	7,540	8,760	8,586	0,410											
2022	4,714	7,828	10,038	0,500												
2023	4,285	7,982	10,000													
2024	4,437	1,502														
2024	7,701															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
roui	12 27	24 00	00 40	40 00	00 12	12 04	0+00	00 100	100 120	120 102	102 144	144 100	100 100	100 100	100 102	102 010
2009	1.452	1.248	0.856	0.945	0.975	1.011	0.993	1.013	0.978	0.990	1.009	1.026	0.993	0.984	0.998	
2010	1.369	1.215	1.028	0.982	1.026	1.028	1.212	1.006	0.998	1.092	1.001	1.009	0.995	0.988	0.000	
2011	1.695	1.143	0.924	1.014	0.968	1.050	0.980	0.984	0.998	0.982	0.991	0.992	0.984	0.000		
2012	1.549	1.046	1.050	0.979	1.081	0.981	0.982	0.977	0.968	1.016	1.003	0.987	0.001			
2013	1.573	1.132	1.122	1.084	1.110	0.954	0.972	0.971	1.036	1.006	1.015	0.007				
2014	1.430	1.230	1.127	0.894	0.926	0.968	0.977	1.007	1.003	0.979						
2015	1.615	1.324	1.101	1.029	1.081	1.030	0.981	0.808	0.979							
2016	1.682	1.103	0.880	0.954	0.971	0.975	1.018	1.022	0.070							
2017	1.896	1.059	0.925	1.034	0.952	1.028	1.005									
2018	1.417	1.083	0.919	0.927	0.983	0.995	1.000									
2019	1.626	1.064	1.001	1.020	0.923	0.000										
2020	1.653	1.179	0.964	0.965	0.020											
2021	1.660	1.162	0.980	0.000												
2022	1.661	1.282	0.000													
2023	1.863															
2020	1.000															
Vol Wtd Avg	1.610	1.150	0.988	0.994	1.003	1.001	1.011	0.962	0.996	1.017	1.005	1.003	0.991	0.987	0.998	
3 Yr Vol Wtd Avg	1.724	1.208	0.985	0.976	0.949	1.004	0.998	0.916	1.008	1.002	1.005	0.997	0.991	0.001	0.000	
4 Yr Vol Wtd Avg	1.706	1.157	0.967	0.993	0.953	1.012	0.994	0.933	0.998	0.998	1.004	1.003	0.001			
5 Yr Vol Wtd Avg	1.682	1.140	0.957	0.987	0.982	1.005	0.989	0.942	0.998	1.020	1.005	1.000				
o ii voi vita ii g	1.002	1.140	0.007	0.007	0.002	1.000	0.000	0.012	0.000	1.020	1.000					
Prior Selection	1.658	1.170	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1 1101 0010011011	1.000		1.000	1.000	1.000		1.000					1.000	1.000		1.000	1.000
Selected	1.724	1.208	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	2.084	1.208	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	0.480	0.828	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

^{1.} Accident years end 6/30.

^{2.} Boxed factors include the impact of medical cost containment expenses being moved to ALAE, and are excluded from averages.

Paid Medical Development (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$1,619	\$3,331	\$4,200	\$4,822	\$5,422	\$5,694	\$5,891	\$6,143	\$6,230	\$6,305	\$6,398	\$6,533	\$6,590	\$6,614	\$6,632	\$6,703
2010	1,667	3,624	4,778	5,800	6,419	7,198	7,807	8,147	8,736	9,139	9,284	9,498	9,560	9,746	10,163	
2011	1,662	3,635	4,498	5,235	5,995	6,317	6,606	6,732	6,910	6,977	7,067	7,132	7,212	7,261		
2012	1,778	3,623	5,268	6,402	7,087	8,063	8,647	8,788	8,985	9,150	9,239	9,306	9,481	, -		
2013	2,129	4,489	5,678	6,697	7,726	8,824	9,947	10,652	11,119	11,453	11,640	11,918	-,			
2014	1,372	2,977	3,861	4,823	5,298	5,854	6,330	6,528	6,739	6,858	6,999	,				
2015	1,527	3,336	5,062	6,414	7,376	7,961	8,442	8,951	9,779	9,844	0,000					
2016	1,536	3,247	4,225	5,173	5,788	6,037	6,416	6,517	6,753	0,044						
2017	1,858	5,136	8,330	9,335	10,707	11,246	11,745	11,905	0,700							
2018	1,631	3,884	5,396	6,177	6,907	7,314	7,558	11,000								
2019	2,644	5,566	6,754	7,994	9,504	9,929	7,000									
2020	828	2,676	4,784	5,594	6,198	3,323										
2021	1,185	3,077	4,704	5,527	0,190											
2022		3,393	5,193	5,527												
2022	1,234 1,383	3,557	5,195													
2024	1,385	3,337														
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
rodi	12 27	24 00	00 40	40 00	00 12	12 04	0+00	00 100	100 120	120 102	102 1-1-1	144 100	100 100	100 100	100 102	102 011
2009	2.058	1.261	1.148	1.124	1.050	1.035	1.043	1.014	1.012	1.015	1.021	1.009	1.004	1.003	1.011	
2010	2.174	1.318	1.214	1.107	1.121	1.085	1.044	1.072	1.046	1.016	1.023	1.007	1.019	1.043		
2011	2.187	1.237	1.164	1.145	1.054	1.046	1.019	1.026	1.010	1.013	1.009	1.011	1.007	1.010		
2012	2.037	1.454	1.215	1.107	1.138	1.072	1.016	1.022	1.018	1.010	1.007	1.019	1.007			
2013	2.109	1.265	1.179	1.154	1.142	1.127	1.071	1.044	1.030	1.016	1.024	1.010				
2014	2.171	1.297	1.249	1.099	1.105	1.081	1.031	1.032	1.018	1.021	1.024					
2015	2.185	1.517	1.267	1.150	1.079	1.060	1.060	1.093	1.007	1.021						
2016	2.114	1.301	1.224	1.119	1.043	1.063	1.016	1.036	1.007							
2017	2.764	1.622	1.121	1.119	1.043	1.044	1.014	1.000								
2017	2.382	1.389	1.145	1.118	1.059	1.033	1.014									
2019	2.105	1.213	1.143	1.1189	1.035	1.000										
2019	3.231	1.788	1.164	1.109	1.045											
				1.100												
2021 2022	2.597 2.750	1.438 1.531	1.249													
2022		1.551														
2023	2.572															
Vol Wtd Avg	2.310	1.393	1.189	1.134	1.079	1.065	1.035	1.045	1.021	1.015	1.017	1.012	1.011	1.027	1.011	
3 Yr Vol Wtd Avg	2.638	1.575	1.197	1.144	1.051	1.046	1.029	1.058	1.019	1.015	1.015	1.012	1.011			
4 Yr Vol Wtd Avg	2.744	1.438	1.184	1.145	1.049	1.049	1.029	1.053	1.019	1.015	1.017	1.012				
5 Yr Vol Wtd Avg	2.512	1.428	1.166	1.141	1.055	1.054	1.039	1.047	1.017	1.015	1.017					
Prior Selection	2.497	1.405	1.152	1.147	1.059	1.058	1.049	1.049	1.020	1.015	1.014	1.013	1.010	1.007	1.003	1.065
Selected	2.638	1.575	1.197	1.144	1.053	1.049	1.049	1.029	1.028	1.024	1.020	1.016	1.012	1.008	1.004	1.065
Cumulative	8.081	3.064	1.946	1.625	1.420	1.348	1.285	1.225	1.190	1.157	1.130	1.108	1.091	1.078	1.069	1.065
Ratio to Ult	0.124	0.326	0.514	0.615	0.704	0.742	0.778	0.816	0.840	0.864	0.885	0.902	0.917	0.928	0.935	0.939

^{1.} Accident years end 6/30.

^{2. 192-}ult factor based on tail factor implied by incurred development factors.

Developed Experience - Medical (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

			Incurred							
	Medical						Development			
	Cumulative	Incurred	Development	Incurred	Cumulative	Paid	Development	Paid	Methods	
	Incurred	Factor to	Factor	Developed	Paid	Factor to	Factor	Developed	Selection	
Accident	Medical	Ultimate	Adjustment	Ultimate	Medical	Ultimate	Adjustment	Ultimate	Medical	
Year	(Data)	(Ex. PWCP-9)	(Ex. PWCP-19)	$(1) \times (2) \times (3)$	(Data)	(Ex. PWCP-10)	(Ex. PWCP-19) (5) x (6) x (7)		(Note 2)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Prior	\$ 102,030	1.000	1.000	\$ 102,030	\$ 97,722	1.065	0.995	\$ 103,604	\$ 102,030	
2009	7,117	1.000	1.000	7,117	6,703	1.065	0.996	7,110	7,117	
2010	13,213	1.000	1.000	13,213	10,163	1.069	0.996	10,827	13,213	
2011	7,638	1.000	1.000	7,638	7,261	1.078	0.997	7,804	7,638	
2012	10,402	1.000	1.000	10,402	9,481	1.091	0.999	10,329	10,402	
2013	13,952	1.000	1.000	13,952	11,918	1.108	1.000	13,207	13,952	
2014	7,710	1.000	1.000	7,710	6,999	1.130	1.000	7,912	7,710	
2015	11,309	1.000	1.000	11,309	9,844	1.157	1.000	11,394	11,309	
2016	8,213	1.000	1.000	8,213	6,753	1.190	1.000	8,035	8,213	
2017	13,525	1.000	1.000	13,525 *	11,905	1.225	1.000	13,894 *	13,525	
2018	9,292	1.000	1.000	9,292	7,558	1.285	1.000	9,713	9,292	
2019	12,955	1.000	1.000	12,955	9,929	1.348	1.000	13,389	12,955	
2020	8,413	1.000	1.000	8,413	6,198	1.420	1.000	8,803	8,413	
2021	8,586	1.000	1.000	8,586	5,527	1.625	1.000	8,980	8,586	
2022	10,038	1.000	1.000	10,038	5,193	1.946	1.000	10,104	10,038	
2023	7,982	1.208	1.000	9,644	3,557	3.064	1.000	10,897	10,062	
2024	4,437	2.084	1.000	9,245	1,385	8.081	1.000	11,196	9,245	
Total	\$ 256,809			\$ 263,280	\$ 218,096			\$ 267,197	\$ 263,698	

- 1. Accident years end 6/30.
- 2. Column (9) is a weighted average of columns (4) and (8).
- 3. (*) Adjusted to reflect no future development on claim # CJP038341IN.

Medical Severity Analysis (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Development Methods Selection Medical (Ex. PWCP-11) (1)	Selected Ultimate LT Claim Count (Ex. PWCP-3) (2)	Indicated Severity (1) / (2) (3)	Industry On-Level Factor (Note 3) (4)	Residual Trend Factor (Note 4) (5)	Indicated On-Level Severity (3) x (4) x (5) (6)	On- Sev (No	ected Level verity ote 5)	5	rojected Severity / (4) / (5) (8)	L	rojected Ultimate Medical 2) x (8) (9)
Prior	\$ 102,030	6,894	\$ 14.800	0.943	1.000	\$ 13.960						
2009	7,117	389	18.295	0.902	1.000	16.503						
2010	13,213	394	33.535	0.922	1.000	30.932						
2011	7,638	415	18.404	0.960	1.000	17.660						
2012	10,402	407	25.557	1.038	1.000	26.538						
2013	13,952	349	39.977	1.133	1.000	45.301						
2014	7,710	327	23.576	1.162	1.000	27.402						
2015	11,309	358	31.588	1.192	1.000	37.638						
2016	8,213	311	26.407	1.227	1.000	32.393						
2017	13,525	332	40.737	1.219	1.000	49.672						
2018	9,292	340	27.329	1.160	1.000	31.691						
2019	12,955	336	38.558	1.128	1.000	43.487						
2020	8,413	297	28.326	1.071	1.000	30.324						
2021	8,586	330	26.019	1.077	1.000	28.023						
2022	10,038	344	29.179	1.045	1.000	30.496	\$	33.380	\$	31.938	\$	10,987
2023	10,062	320	31.444	1.024	1.000	32.200		33.380		32.596		10,431
2024	9,245	317	29.164	1.000	1.000	29.164		33.380		33.380		10,581
Total	\$ 263,698	12,460		20)18-2021 Average:	33.381						
				35.125								

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (4) is based on information provided by the WCIRB.
- 4. Column (5) is based on an annual trend of 0.0%.
- 5. Column (7) is based on Column (6).

Selected Ultimate Medical (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Cumulative Incurred Medical (Data)	Development Methods Selection Medical (Ex. PWCP-11) (2)	Projected Ultimate Medical (Ex. PWCP-12) (3)	Initial Selected Ultimate Medical (Note 2) (4)	Cumulative Paid Medical (Data) (5)	Medical Fee Schedule Change Provision 4.8% x [(4)-(5)] (6)	Final Selected Ultimate Medical (4)+(6)	Prior Ultimate Medical (Note 3) (8)	Change (7) - (8) (9)	
Prior	\$ 102,030	\$ 102,030		\$ 102,030	\$ 97,722	\$207	\$ 102,237	\$ 102,211	\$ 26	
2009	7,117	7,117		7,117	6,703	20	7,137	7,155	(18)	
2010	13,213	13,213		13,213	10,163	146	13,359	13,545	(186)	
2011	7,638	7,638		7,638	7,261	18	7,656	7,792	(136)	
2012	10,402	10,402		10,402	9,481	44	10,446	10,598	(152)	
2013	13,952	13,952		13,952	11,918	98	14,050	13,842	207	
2014	7,710	7,710		7,710	6,999	34	7,744	7,926	(182)	
2015	11,309	11,309		11,309	9,844	70	11,379	11,637	(258)	
2016	8,213	8,213		8,213	6,753	70	8,283	8,106	177	
2017	13,525	13,525		13,525	11,905	78	13,603	13,544	58	
2018	9,292	9,292		9,292	7,558	83	9,375	9,436	(61)	
2019	12,955	12,955		12,955	9,929	145	13,101	14,252	(1,151)	
2020	8,413	8,413		8,413	6,198	106	8,519	8,865	(346)	
2021	8,586	8,586		8,586	5,527	147	8,733	8,968	(235)	
2022	10,038	10,038	\$ 10,987	10,354	5,193	248	10,602	10,823	(221)	
2023	7,982	10,062	10,431	10,185	3,557	318	10,503	11,340	(837)	
2024	4,437	9,245	10,581	10,581	1,385	441	11,023	10,053	970	
Total	\$ 256,809	\$ 263,698		\$ 265,473	\$ 218,096	\$ 2,274	\$ 267,748	\$ 270,093	\$ (2,345)	

^{1.} Accident years end 6/30.

^{2.} Column (4) is a weighted average of columns (1) through (3).

^{3.} Column (8) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

Incurred ALAE Development (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$699	\$1,228	\$1,646	\$1,903	\$2,239	\$2,336	\$2,426	\$2,464	\$2,497	\$2,526	\$2,559	\$2,573	\$2,632	\$2,607	\$2,643	\$2,613
2010	863	1,435	1,912	2,539	2,683	2,854	2,932	3,243	3,267	3,799	3,316	3,363	3,352	3,345	3,331	- ,
2011	622	1,358	2,222	2,358	2,543	2,561	2,687	2,765	2,745	2,794	2,826	2,823	2,807	2,787	0,00.	
2012	901	2,538	2,909	3,190	3,528	3,719	3,701	3,721	3,730	3,774	3,811	3,849	3,829	2,707		
2013	1,410	2,464	2,870	3,192	3,550	3,692	3,720	3,619	3,610	3,656	3,655	3,629	3,023			
2014	1,288	1,927	2,498	2,859	2,844	2,839	2,836	2,870	2,913	2,989	2,958	0,023				
2015	1,579	2,413	3,149	3,470	3,506	3,670	3,765	3,811	3,803	3,773	2,330					
2016	1,569	2,413	2,783	2,587	2,554	2,566	2,602	2,641	2,592	3,113						
2017	1,962	3,215	3,592	3,409	3,494	3,502	3,646	3,578	2,392							
2017	2,155	2,862	3,180	3,319	3,233	3,299	3,283	3,376								
		3,040					3,203									
2019	1,970		3,636	3,768	3,506	3,371										
2020	1,432	2,521	2,795	2,751	2,787											
2021	1,523	2,439	2,750	2,817												
2022	1,668	2,996	3,548													
2023	1,684	3,078														
2024	1,700															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	1.757	1.341	1.156	1.177	1.043	1.039	1.015	1.013	1.012	1.013	1.006	1.023	0.991	1.014	0.989	
2010	1.664	1.332	1.328	1.057	1.064	1.027	1.106	1.007	1.163	0.873	1.014	0.997	0.998	0.996		
2011	2.183	1.636	1.061	1.078	1.007	1.049	1.029	0.993	1.018	1.012	0.999	0.994	0.993			
2012	2.819	1.146	1.097	1.106	1.054	0.995	1.005	1.002	1.012	1.010	1.010	0.995				
2013	1.748	1.165	1.112	1.112	1.040	1.007	0.973	0.998	1.013	1.000	0.993					
2014	1.496	1.297	1.145	0.995	0.998	0.999	1.012	1.015	1.026	0.990						
2015	1.529	1.305	1.102	1.010	1.047	1.026	1.012	0.998	0.992							
2016	1.572	1.128	0.930	0.987	1.005	1.014	1.015	0.982								
2017	1.639	1.117	0.949	1.025	1.002	1.041	0.981									
2018	1.328	1.111	1.044	0.974	1.021	0.995										
2019	1.543	1.196	1.037	0.930	0.961											
2020	1.760	1.109	0.984	1.013												
2021	1.601	1.128	1.024													
2022	1.796	1.184														
2023	1.828															
Vol Wtd Avg	1.638	1.181	1.047	1.024	1.022	1.018	1.014	1.001	1.033	0.979	1.004	1.001	0.994	1.004	0.989	
3 Yr Vol Wtd Avg	1.746	1.143	1.017	0.968	0.994	1.018	1.002	0.998	1.009	1.000	1.001	0.995	0.994			
4 Yr Vol Wtd Avg	1.749	1.158	1.024	0.983	0.996	1.020	1.004	0.998	1.010	1.003	1.004	1.001				
5 Yr Vol Wtd Avg	1.700	1.148	1.007	0.984	1.007	1.016	0.997	0.999	1.011	0.974	1.004					
3																
Prior Selection	1.668	1.138	1.024	1.014	1.012	1.011	1.010	1.009	1.007	1.006	1.005	1.004	1.002	1.001	1.000	1.000
Selected	1.749	1.158	1.024	1.013	1.009	1.008	1.007	1.007	1.006	1.005	1.004	1.003	1.002	1.001	1.000	1.000
Cumulative	2.212	1.264	1.092	1.067	1.053	1.044	1.036	1.028	1.021	1.015	1.010	1.006	1.003	1.001	1.000	1.000
Ratio to Ult	0.452	0.791	0.916	0.937	0.949	0.958	0.966	0.972	0.979	0.985	0.990	0.994	0.997	0.999	1.000	1.000

^{1.} Accident years end 6/30.

^{2.} Boxed factors include the impact of medical cost containment expenses being moved to ALAE, and are excluded from averages.

Paid ALAE Development (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

							As o	f June 30, 2	2024							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$221	\$820	\$1,301	\$1,627	\$1,920	\$2,097	\$2,224	\$2,311	\$2,352	\$2,385	\$2,414	\$2,440	\$2,469	\$2,491	\$2,509	\$2,538
2010	365	995	1,500	1,944	2,281	2,537	2,681	2,761	2,824	2,844	2,876	2,906	2,923	2,964	2,983	
2011	265	871	1,482	1,885	2,134	2,325	2,442	2,516	2,577	2,602	2,631	2,657	2,677	2,713		
2012	279	1,332	2,054	2,484	2,872	3,134	3,308	3,404	3,472	3,535	3,579	3,618	3,662			
2013	594	1,516	2,065	2,406	2,689	2,908	3,058	3,185	3,258	3,329	3,357	3,416				
2014	463	1,179	1,708	2,111	2,303	2,435	2,546	2,621	2,720	2,779	2,823					
2015	559	1,353	2,012	2,476	2,757	2,990	3,135	3,296	3,434	3,516						
2016	551	1,243	1,667	1,899	2,012	2,119	2,227	2,284	2,340							
2017	673	1,726	2,287	2,606	2,852	3,058	3,196	3,273								
2018	599	1,359	1,901	2,236	2,491	2,716	2,907									
2019	472	1,404	2,037	2,473	2,748	2,907										
2020	327	1,036	1,610	1,921	2,196											
2021	399	1,192	1,716	2,091												
2022	562	1,555	2,293													
2023	621	1,806														
2024	582															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	3.706	1.587	1.250	1.180	1.092	1.060	1.039	1.018	1.014	1.012	1.011	1.012	1.009	1.007	1.011	
2010	2.722	1.508	1.296	1.173	1.112	1.057	1.030	1.023	1.007	1.011	1.010	1.006	1.014	1.006		
2011	3.284	1.702	1.272	1.132	1.090	1.050	1.030	1.024	1.009	1.011	1.010	1.008	1.013			
2012	4.768	1.543	1.209	1.156	1.091	1.056	1.029	1.020	1.018	1.012	1.011	1.012				
2013	2.551	1.362	1.165	1.118	1.082	1.051	1.042	1.023	1.022	1.009	1.018					
2014	2.548	1.449	1.236	1.091	1.057	1.046	1.029	1.038	1.022	1.016						
2015	2.422	1.487	1.230	1.113	1.085	1.049	1.051	1.042	1.024							
2016	2.256	1.341	1.140	1.059	1.053	1.051	1.026	1.024								
2017	2.566	1.325	1.139	1.094	1.072	1.045	1.024									
2018	2.269	1.399	1.176	1.114	1.090	1.070										
2019	2.972	1.451	1.214	1.111	1.058											
2020	3.171	1.555	1.193	1.143												
2021	2.990	1.440	1.218													
2022	2.768	1.474														
2023	2.907															
Vol Wtd Avg	2.789	1.458	1.206	1.122	1.080	1.053	1.034	1.027	1.017	1.012	1.012	1.009	1.012	1.007	1.011	
3 Yr Vol Wtd Avg	2.878	1.485	1.209	1.121	1.073	1.055	1.034	1.036	1.023	1.012	1.013	1.009	1.012			
4 Yr Vol Wtd Avg	2.928	1.476	1.200	1.114	1.069	1.053	1.033	1.032	1.021	1.012	1.012	1.009				
5 Yr Vol Wtd Avg	2.937	1.460	1.186	1.104	1.072	1.052	1.035	1.029	1.019	1.012	1.012					
Prior Selection	2.948	1.456	1.179	1.106	1.076	1.047	1.038	1.030	1.020	1.011	1.010	1.009	1.008	1.008	1.003	1.031
Selected	2.878	1.476	1.200	1.121	1.069	1.053	1.033	1.032	1.023	1.012	1.012	1.012	1.011	1.009	1.007	1.020
Cumulative	7.635	2.652	1.797	1.497	1.335	1.249	1.185	1.147	1.111	1.087	1.074	1.061	1.048	1.037	1.027	1.020
Ratio to Ult	0.131	0.377	0.556	0.668	0.749	0.801	0.844	0.872	0.900	0.920	0.931	0.943	0.954	0.965	0.974	0.980

^{1.} Accident years end 6/30.

^{2. 192-}ult factor based on tail factor implied by incurred development factors.

Developed Experience - ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Cumulative Incurred ALAE (Data) (1)	Incurred Factor to Ultimate (Ex. PWCP-14) (2)	Incurred ALAE Development Factor Adjustment (Ex. PWCP-20) (3)	Deve UI	curred elopment ltimate (2) x (3) (4)	Cu	umulative Paid ALAE (Data) (5)	Paid Factor to Ultimate (Ex. PWCP-15) (6)	Paid ALAE Development Factor Adjustment (Ex. PWCP-20) (7)	l	Paid eveloped Ultimate x (6) x (7) (8)	N S	velopment Methods Selection ALAE (Note 2) (9)
Prior	\$ 27,525	1.000	1.000	\$	27,525	\$	26,923	1.020	1.005	\$	27,594	\$	27,525
2009	2,613	1.000	1.000		2,613		2,538	1.020	1.004		2,599		2,613
2010	3,331	1.000	1.000		3,331		2,983	1.027	1.005		3,078		3,331
2011	2,787	1.001	1.000		2,790		2,713	1.037	1.004		2,824		2,790
2012	3,829	1.003	1.000		3,841		3,662	1.048	1.002		3,846		3,841
2013	3,629	1.006	1.000		3,651		3,416	1.061	1.000		3,624		3,651
2014	2,958	1.010	1.000		2,988		2,823	1.074	1.000		3,031		2,988
2015	3,773		1.000		3,830		3,516	1.087	1.000		3,821		3,830
2016	2,592	1.021	1.000		2,647		2,340	1.111	1.000		2,601		2,647
2017	3,578	1.028	1.000		3,679		3,273	1.147	1.000		3,754		3,679
2018	3,283	1.036	1.000		3,399		2,907	1.185	1.000		3,445		3,399
2019	3,371	1.044	1.000		3,519		2,907	1.249	1.000		3,630		3,519
2020	2,787	1.053	1.000		2,935		2,196	1.335	1.000		2,932		2,933
2021	2,817		1.000		3,005		2,091	1.497	1.000		3,130		3,068
2022	3,548	1.092	1.000		3,875		2,293	1.797	1.000		4,121		3,998
2023	3,078	1.264	1.000		3,892		1,806	2.652	1.000		4,790		4,191
2024	1,700	2.212	1.000		3,760		582	7.635	1.000		4,442		3,760
Total	\$ 77,198	1		\$	81,280	\$	68,969			\$	83,264	\$	81,763

^{1.} Accident years end 6/30.

^{2.} Column (9) is a weighted average of columns (4) and (8).

ALAE Severity Analysis (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Development Methods Selection ALAE (Ex. PWCP-16) (1)	Selected Ultimate LT Claim Count (Ex. PWCP-3) (2)	Indicated Severity (1) / (2) (3)	Industry On-Level Factor (Note 3) (4)	Residual Trend Factor (Note 4) (5)	Indicated On-Level Severity (3) x (4) x (5) (6)	O S	elected n-Level everity Note 5)	5	rojected Severity / (4) / (5) (8)	U	rojected Iltimate ALAE 2) x (8) (9)
Prior	\$ 27,525	6,894	\$ 3.993	1.431	1.000	\$ 5.713						
2009	2,613	389	6.717	1.279	1.000	8.588						
2010	3,331	394	8.455	1.237	1.000	10.456						
2011	2,790	415	6.723	1.179	1.000	7.926						
2012	3,841	407	9.437	1.173	1.000	11.068						
2013	3,651	349	10.460	1.213	1.000	12.690						
2014	2,988	327	9.136	1.238	1.000	11.310						
2015	3,830	358	10.699	1.284	1.000	13.733						
2016	2,647	311	8.511	1.312	1.000	11.169						
2017	3,679	332	11.083	1.325	1.000	14.684						
2018	3,399	340	9.998	1.267	1.000	12.667						
2019	3,519	336	10.472	1.245	1.000	13.040						
2020	2,933	297	9.877	1.208	1.000	11.928						
2021	3,068	330	9.296	1.243	1.000	11.554						
2022	3,998	344	11.623	1.148	1.000	13.341	\$	12.300	\$	10.716	\$	3,686
2023	4,191	320	13.098	1.040	1.000	13.621		12.300		11.827		3,785
2024	3,760	317	11.862	1.000	1.000	11.862		12.300		12.300		3,899
Total	\$ 81,763	12,460			2018-2021 Average							
				Las	t Analysis - Trended	: 11.908						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (4) is based on information provided by the WCIRB.
- 4. Column (5) is based on an annual trend of 0.0%.
- 5. Column (7) is based on Column (6).

Selected Ultimate ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

			Dev	velopment								
	Cı	umulative	N	/lethods	Pi	rojected	S	Selected		Prior		
	I	ncurred	S	election	L	Iltimate	ι	Jltimate	ι	Jltimate		
Accident		ALAE		ALAE		ALAE		ALAE		ALAE	Cl	hange
Year		(Data)	(Ex.	PWCP-16)	(Ex.	PWCP-17)	(Note 2)	(Note 3)	(4	-) - (5)
		(1)	<u></u>	(2)		(3)		(4)		(5)		(6)
Prior	\$	27,525	\$	27,525			\$	27,525	\$	27,515	\$	10
2009		2,613		2,613				2,613		2,643		(30)
2010		3,331		3,331				3,331		3,349		(18)
2011		2,787		2,790				2,790		2,817		(27)
2012		3,829		3,841				3,841		3,877		(36)
2013		3,629		3,651				3,651		3,699		(49)
2014		2,958		2,988				2,988		3,043		(55)
2015		3,773		3,830				3,830		3,899		(68)
2016		2,592		2,647				2,647		2,732		(85)
2017		3,578		3,679				3,679		3,809		(130)
2018		3,283		3,399				3,399		3,443		(43)
2019		3,371		3,519				3,519		3,718		(199)
2020		2,787		2,933				2,933		2,931		3
2021		2,817		3,068				3,068		3,273		(205)
2022		3,548		3,998	\$	3,686		3,894		3,789		105
2023		3,078		4,191		3,785		4,056		3,638		418
2024		1,700		3,760		3,899		3,899		3,437		462
Total	\$	77,198	\$	81,763			\$	81,662	\$	81,610	\$	52

- 1. Accident years end 6/30.
- 2. Column (4) is a weighted average of columns (1) through (3).
- 3. Column (5) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

California Joint Powers Insurance Authority Medical Cost Containment Shift (\$000)

Exhibit PWCP-19

As of June 30, 2024

	Б.:		E 30, 2024		
	Paid		Expected	E	
	ALAE	Expected	% of Ultimate	Expected MCC	Paid
	Age-to-Ultimate	% of Ultimate	Non-MCC	Paid as Medical	Medical
	Factor	MCC Paid	Medical Paid	As % of	Age-to-Ultimate
	As of	As of	As of	Medical as of	Factor
Accident	6/30/2024	6/30/2012	6/30/2024	6/30/2024	Adjustment
Year	(Ex. PWCP-15)	(Note 2)	(Note 3)	(Note 4)	$(3) \times (4) + [1 - (4)]$
	(1)	(2)	(3)	(4)	(5)
Prior	1.020	0.749	0.939	0.074	0.995
2009	1.020	0.668	0.939	0.066	0.996
2010	1.027	0.556	0.935	0.056	0.996
2011	1.037	0.377	0.928	0.039	0.997
2012	1.048	0.131	0.917	0.014	0.999
2013	1.061	0.000	0.902	0.000	1.000
2014	1.074	0.000	0.885	0.000	1.000
2015	1.087	0.000	0.864	0.000	1.000
2016	1.111	0.000	0.840	0.000	1.000
2017	1.147	0.000	0.816	0.000	1.000
2018	1.185	0.000	0.778	0.000	1.000
2019	1.249	0.000	0.742	0.000	1.000
2020	1.335	0.000	0.704	0.000	1.000
2021	1.497	0.000	0.615	0.000	1.000
2022	1.797	0.000	0.514	0.000	1.000
2023	2.652	0.000	0.326	0.000	1.000
2024	7.635	0.000	0.124	0.000	1.000
	Incurred		Expected		
	Incurred ALAE	Expected	Expected % of Ultimate	Expected MCC	Incurred
		Expected % of Ultimate	•	Expected MCC Incurred as Medical	
	ALAE		% of Ultimate	•	
	ALAE Age-to-Ultimate	% of Ultimate	% of Ultimate Non-MCC	Incurred as Medical	Medical
Accident	ALAE Age-to-Ultimate Factor	% of Ultimate MCC Paid	% of Ultimate Non-MCC Medical Incurred	Incurred as Medical As % of	Medical Age-to-Ultimate
Accident Year	ALAE Age-to-Ultimate Factor As of	% of Ultimate MCC Paid As of	% of Ultimate Non-MCC Medical Incurred As of	Incurred as Medical As % of Medical as of	Medical Age-to-Ultimate Factor
	ALAE Age-to-Ultimate Factor As of 6/30/2024	% of Ultimate MCC Paid As of 6/30/2012	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024	Incurred as Medical As % of Medical as of 6/30/2024	Medical Age-to-Ultimate Factor Adjustment
	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14)	% of Ultimate MCC Paid As of 6/30/2012 (2)	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5)	As % of Medical as of 6/30/2024 (Note 6)	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)]
	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14)	% of Ultimate MCC Paid As of 6/30/2012 (2)	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5)	As % of Medical as of 6/30/2024 (Note 6)	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)]
Year	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6)	% of Ultimate MCC Paid As of 6/30/2012 (2) (7)	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8)	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9)	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10)
Year Prior	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000	% of Ultimate MCC Paid As of 6/30/2012 (2) (7)	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8)	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000
Year Prior 2009	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000
Prior 2009 2010	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000
Prior 2009 2010 2011	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.003	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014 2015	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016 2017	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021 1.028	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021 1.028 1.036	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021 1.028 1.036 1.044	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021 1.028 1.036 1.044 1.053	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021 1.028 1.036 1.044 1.053 1.067	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000
Prior 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022	ALAE Age-to-Ultimate Factor As of 6/30/2024 (Ex. PWCP-14) (6) 1.000 1.000 1.000 1.001 1.003 1.006 1.010 1.015 1.021 1.028 1.036 1.044 1.053 1.067 1.092	% of Ultimate MCC Paid As of 6/30/2012 (2) (7) 0.749 0.668 0.556 0.377 0.131 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	% of Ultimate Non-MCC Medical Incurred As of 6/30/2024 (Note 5) (8) 1.000	Incurred as Medical As % of Medical as of 6/30/2024 (Note 6) (9) 0.070 0.063 0.053 0.036 0.013 0.000	Medical Age-to-Ultimate Factor Adjustment (8) x (9) + [1 - (9)] (10) 1.000

- 1. Accident years end 6/30.
- 2. Column (2) = 1 / (1) for the appropriate maturity.
- 3. Column (3) = 1 / Ex. PWCP-11, Col (6).
- 4. Column (4) = $0.100 \times (2) / [0.100 \times (2) + (3)]$.
- 5. Column (8) = 1 / Ex. PWCP-11, Col (2).
- 6. Column (9) = $0.100 \times (7) / [0.100 \times (7) + (8)]$.

California Joint Powers Insurance Authority Medical Cost Containment Shift (\$000) As of June 30, 2024

	Paid			Expected			
	ALAE	Expected	Expected	% of Ultimate	Expected MCC	MCC Paid	Paid
	Age-to-Ultimate	% of Ultimate	% of Ultimate	Non-MCC	Paid as ALAE	Age-to-Ultimate	ALAE
	Factor	MCC Paid	MCC Paid	ALAE Paid	As % of	Factor	Age-to-Ultimate
	As of	As of	As of	As of	ALAE as of	As of	Factor
Accident	6/30/2024	6/30/2012	6/30/2024	6/30/2024	6/30/2024	6/30/2024	Adjustment
Year	(Ex. PWCP-15)	(Note 2)	(Note 2)	1 / (1)	(Note 3)	[1 - (2)] / [(3) - (2)]	(Note 4)
I eai							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	1.020	0.749	0.980	0.980	0.076	1.085	1.005
2009	1.020	0.668	0.980	0.980	0.100	1.063	1.004
2010	1.027	0.556	0.974	0.974	0.130	1.063	1.005
2011	1.037	0.377	0.965	0.965	0.176	1.060	1.004
2012	1.048	0.131	0.954	0.954	0.232	1.056	1.002
2013	1.061	0.000	0.943	0.943	0.259	1.061	1.000
2014	1.074	0.000	0.931	0.931	0.259	1.074	1.000
2015	1.087	0.000	0.920	0.920	0.259	1.087	1.000
2016	1.111	0.000	0.900	0.900	0.259	1.111	1.000
2017	1.147	0.000	0.872	0.872	0.259	1.147	1.000
2018	1.185	0.000	0.844	0.844	0.259	1.185	1.000
2019	1.249	0.000	0.801	0.801	0.259	1.249	1.000
2020	1.335	0.000	0.749	0.749	0.259	1.335	1.000
2021	1.497	0.000	0.668	0.668	0.259	1.497	1.000
2022	1.797	0.000	0.556	0.556	0.259	1.797	1.000
2023	2.652	0.000	0.377	0.377	0.259	2.652	1.000
2023	7.635	0.000	0.131	0.131	0.259	7.635	1.000
2024	7.033	0.000	0.131	0.131	0.239	7.035	1.000
	Incurred			Expected			
	ALAE	Expected	Expected	% of Ultimate	Expected MCC	MCC Incurred	Incurred
	Age-to-Ultimate	% of Ultimate	% of Ultimate	Non-MCC	Incurred as ALAE	Age-to-Ultimate	ALAE
	Factor	MCC Paid	MCC Incurred	ALAE Incurred	As % of	Factor	Age-to-Ultimate
	As of	As of	As of	As of	ALAE as of	As of	Factor
Accident	6/30/2024	6/30/2012	6/30/2024	6/30/2024	6/30/2024	6/30/2024	Adjustment
Year	(Ex. PWCP-14)	(2)	1 / (8)	1 / (8)	(Note 5)	[1 <u>- (9)] / [(10) - (</u> 9)]	(Note 6)
	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Prior	1.000	0.749	1.000	1.000	0.081	1.000	1.000
2009	1.000	0.668	1.000	1.000	0.104	1.000	1.000
2010	1.000	0.556	1.000	1.000	0.134	1.000	1.000
2010	1.001	0.377	0.999	0.999	0.179	1.000	1.000
2012	1.003	0.131	0.997	0.997	0.233	1.002	1.000
2012	1.005	0.000	0.994	0.994	0.259	1.005	1.000
2013	1.010	0.000	0.990	0.990	0.259	1.010	1.000
2015	1.015	0.000	0.985	0.985	0.259	1.015	1.000
2016	1.021	0.000	0.979	0.979	0.259	1.021	1.000
2017	1.028	0.000	0.972	0.972	0.259	1.028	1.000
2018	1.036	0.000	0.966	0.966	0.259	1.036	1.000
2019	1.044	0.000	0.958	0.958	0.259	1.044	1.000
2020	1.053	0.000	0.949	0.949	0.259	1.053	1.000
2021	1.067	0.000	0.937	0.937	0.259	1.067	1.000
2022	1.092	0.000	0.916	0.916	0.259	1.092	1.000
2023	1.264	0.000	0.791	0.791	0.259	1.264	1.000
2024	2.212	0.000	0.452	0.452	0.259	2.212	1.000

- 1. Accident years end 6/30.
- 2. Columns (2) and (3) = 1/(1) for the appropriate maturities.
- 3. Column (5) = $0.350 \times [(3) (2)] / \{0.350 \times [(3) (2)] + (4)\}$.
- 4. Column (7) = $(6) / (1) \times (5) + [1 (5)]$.
- 5. Column (12) = $0.350 \times [(10) (9)] / \{0.350 \times [(10) (9)] + (11)\}$.
- 6. Column (14) = (13) / (8) x (12) + [1 (12)].

Selected Ultimate Loss & ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	l Ir	Selected Ultimate Indemnity I PWCP-8) (1)	Selected Ultimate Medical PWCP-13) (2)	ι	Selected JItimate ALAE PWCP-18) (3)	ı	Total Selected Ultimate + (2) + (3) (4)	Prior Ultimate (Note 2) (5)	Change 4) - (5) (6)
Prior	\$	98,651	\$ 102,237	\$	27,525	\$	228,413	\$ 227,895	\$ 517
2009		8,035	7,137		2,613		17,784	17,632	152
2010		7,943	13,359		3,331		24,633	24,783	(150)
2011		8,870	7,656		2,790		19,316	19,417	(101)
2012		11,594	10,446		3,841		25,881	25,820	62
2013		10,654	14,050		3,651		28,354	28,273	81
2014		8,875	7,744		2,988		19,606	19,700	(93)
2015		11,938	11,379		3,830		27,147	27,439	(292)
2016		9,645	8,283		2,647		20,575	20,347	228
2017		16,301	13,603		3,679		33,583	33,537	46
2018		11,817	9,375		3,399		24,591	24,488	103
2019		14,113	13,101		3,519		30,732	32,486	(1,754)
2020		12,809	8,519		2,933		24,261	24,576	(315)
2021		15,223	8,733		3,068		27,024	27,813	(789)
2022		17,429	10,602		3,894		31,925	31,842	83
2023		18,174	10,503		4,056		32,732	32,680	53
2024		18,760	11,023		3,899		33,682	31,363	2,319
Total	\$	300,830	\$ 267,748	\$	81,662	\$	650,240	\$ 650,091	\$ 149

- 1. Accident years end 6/30.
- 2. Column (5) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

Paid Section 4850 Benefits Development (\$000) (Excludes AY 2020-22 COVID-19 Claims)

As of June 30, 2024

							As of	June 30, 20)24							
Accident																
Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
2009	\$681	\$1,802	\$2,086	\$2,085	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100
2010	780	1,241	1,398	1,461	1,646	1,736	1,736	1,772	1,772	1,772	1,772	1,772	1,772	1,771	1,771	
2011	1,000	1,826	2,145	2,302	2,321	2,322	2,322	2,322	2,322	2,322	2,322	2,322	2,321	2,321		
2012	825	1,761	1,992	2,177	2,231	2,194	2,200	2,199	2,199	2,199	2,199	2,199	2,199			
2013	1,160	2,690	2,955	3,061	3,074	3,082	3,070	3,096	3,096	3,096	3,086	3,076				
2014	1,048	2,613	2,995	3,026	3,047	3,082	3,081	3,081	3,081	3,081	3,081					
2015	1,411	2,604	3,474	3,634	3,744	3,924	3,924	3,924	3,924	3,924						
2016	1,421	2,570	2,827	2,990	3,098	3,187	3,187	3,187	3,187							
2017	1,469	3,181	3,482	3,628	3,816	3,897	3,897	3,896								
2018	1,440	2,560	2,786	3,044	3,094	3,329	3,349									
2019	1,921	4,026	4,217	4,221	4,229	4,177										
2020	1,054	2,491	3,193	3,605	3,480											
2021	1,803	3,821	4,450	4,456												
2022	1,770	4,672	4,353													
2023	1,806	4,057														
2024	891															
Accident																
Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-Ult
2009	2.646	1.158	1.000	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
2010	1.590	1.127	1.045	1.126	1.055	1.000	1.021	1.000	1.000	1.000	1.000	1.000	0.999	1.000		
2011	1.827	1.175	1.073	1.008	1.001	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000			
2012	2.135	1.131	1.093	1.025	0.983	1.003	1.000	1.000	1.000	1.000	1.000	1.000				
2013	2.320	1.098	1.036	1.004	1.002	0.996	1.009	1.000	1.000	0.997	0.997					
2014	2.495	1.146	1.010	1.007	1.011	1.000	1.000	1.000	1.000	1.000						
2015	1.846	1.334	1.046	1.030	1.048	1.000	1.000	1.000	1.000							
2016	1.809	1.100	1.058	1.038	1.027	1.000	1.000	1.000								
2017	2.165	1.095	1.046	1.048	1.021	1.000	1.000									
2018	1.777	1.096	1.085	1.016	1.076	1.006										
2019	2.103	1.044	1.001	1.002	0.988											
2020	2.139	1.282	1.129	0.965												
2021	2.118	1.165	1.001													
2022	2.639	0.932														
2023	2.246															
Vol Wtd Avg	2.128	1.119	1.044	1.018	1.019	1.000	1.002	1.000	1.000	0.999	0.999	1.000	1.000	1.000	1.000	
3 Yr Vol Wtd Avg	2.333	1.092	1.036	0.994	1.024	1.002	1.000	1.000	1.000	0.999	0.999	1.000	1.000			
4 Yr Vol Wtd Avg	2.298	1.079	1.045	1.007	1.024	1.001	1.000	1.000	1.000	0.999	0.999	1.000				
5 Yr Vol Wtd Avg	2.254	1.082	1.045	1.013	1.029	1.001	1.002	1.000	1.000	0.999	0.999					
Prior Selection	2.256	1.136	1.059	1.042	1.025	1.004	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	2.298	1.079	1.045	1.036	1.019	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cumulative	2.749	1.196	1.109	1.061	1.024	1.005	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ratio to Ult	0.364	0.836	0.902	0.943	0.976	0.995	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ratio to Oil	0.004	0.000	0.002	0.070	0.010	0.000	0.555	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

- 1. Accident years end 6/30.
- 2. The 2007 diagonal had a shift between 4850 and indemnity payments due to an upgrade in the claims tracking software.
- 3. The 2009 diagonal had a shift between 4850 and indemnity payments due to changes in the reporting requirements.
- 4. The 2020 diagonal is valued as of 5/31/2020. The 2019 and 2020 diagonals loss development factors are adjusted to assume development in June 2020 includes one-thirteenth of the development from 5/31/2020 to 6/30/2021.

Selected Ultimate Section 4850 Benefits (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Cumulative Paid Section 4850 Differential (Data) (1)	4850 Paid Factor to Ultimate (Ex. PWCP-22)	Section 4850 Differential Developed Ultimate (1) x (2) (3)	Developed Average Indemnity (Incl. Sec 4850) (Ex. PWCP-6) (4)	Section 4850 Differential Ratio (3) / (4) (5)	Ultimate Indemnity (Incl. Sec 4850) (Ex. PWCP-8) (6)	Projected Ultimate Section 4850 Differential Sel (5) x (6) (7)	Cumulative Incurred Section 4850 Differential (Data) (8)	Selected Ultimate Section 4850 Differential Benefits (Note 2) (9)	Prior Ultimate Section 4850 Differential Benefits (Note 3) (10)	Change (9) - (10) (11)	Section 4850 Recoverable and Credit (9) - (1) (12)
Prior	\$ 14,825	1.000	\$ 14,825	\$ 98,651	0.150	\$ 98,651		\$ 14,826	\$ 14,826	\$ 14,826	\$ -	\$ 1
2009	1,050	1.000	1,050	8,035	0.131	8,035		1,100	1,100	1,100	-	51
2010	797	1.000	797	7,943	0.100	7,943		810	810	810	-	14
2011	994	1.000	994	8,870	0.112	8,870		1,049	1,049	1,049	-	56
2012	844	1.000	844	11,594	0.073	11,594		844	844	850	(6)	0
2013	1,299	1.000	1,299	10,654	0.122	10,654		1,299	1,299	1,311	(12)	-
2014	1,284	1.000	1,284	8,875	0.145	8,875		1,284	1,284	1,284	-	-
2015	1,550	1.000	1,550	11,938	0.130	11,938		1,575	1,575	1,575	(0)	25
2016	1,374	1.000	1,374	9,645	0.142	9,645		1,374	1,374	1,376	(1)	0
2017	1,764	1.000	1,764	16,301	0.108	16,301		1,765	1,765	1,773	(8)	1
2018	1,242	1.001	1,243	11,817	0.105	11,817		1,251	1,251	1,251	(0)	9
2019	1,504	1.005	1,511	14,113	0.107	14,113		1,504	1,511	1,660	(149)	8
2020	1,394	1.024	1,428	12,809	0.111	12,809		1,439	1,439	1,507	(67)	45
2021	1,710	1.061	1,814	15,223	0.119	15,223		1,895	1,895	2,076	(181)	186
2022	1,664	1.109	1,845	17,292	0.107	17,429		1,855	1,855	1,955	(101)	190
2023	1,314	1.196	1,573	18,525	0.085	18,174	\$ 2,181	1,528	1,775	1,943	(168)	461
2024	359	2.749	988	13,236	0.075	18,760	2,251	878	2,251	2,046	205	1,892
Total	\$ 34,968		\$ 36,182	\$ 295,520	0.122	\$ 300,830		\$ 36,278	\$ 37,905	\$ 38,394	\$ (489)	\$ 2,938

2013-2022 Average: 0.120 Prior 0.118

Selected 0.120

^{1.} Accident years end 6/30.

^{2.} Column (9) is a weighted average of columns (3), (7), and (8).

^{3.} Column (10) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

Selected Future Other Recoverable (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

	Gross				Selected	Future
	Incurred	Other	Indicated	Selected	Ultimate	Other
Accident	Loss & ALAE	Recoveries	Ratio	Ratio	Loss & ALAE	Recoverable
Year	(Data)	(Data)	(2) / (1)	(Note 2)	(Ex. PWCP-21)	Max[(5)x(4)-(2),0]
	(1)	(2)	(3)	(4)	(5)	(6)
Prior	\$ 227,715	\$ 3,387	0.015	0.015	\$ 228,413	\$ 10
2009	17,725	115	0.006	0.006	17,784	0
2010	24,439	437	0.018	0.018	24,633	3
2011	19,224	491	0.026	0.026	19,316	2
2012	25,699	111	0.004	0.004	25,881	1
2013	28,066	58	0.002	0.002	28,354	1
2014	19,341	233	0.012	0.012	19,606	3
2015	26,657	257	0.010	0.010	27,147	5
2016	20,063	253	0.013	0.013	20,575	6
2017	32,665	316	0.010	0.010	33,583	9
2018	23,741	191	0.008	0.008	24,591	7
2019	29,655	428	0.014	0.014	30,732	16
2020	23,036	178	0.008	0.011	24,261	84
2021	24,221	65	0.003	0.011	27,024	228
2022	26,886	112	0.004	0.011	31,925	233
2023	22,263	50	0.002	0.011	32,732	304
2024	10,421	-	0.000	0.011	33,682	364
Total	\$ 601,817	\$ 6,683			\$ 650,240	\$ 1,277

- 1. Accident years end 6/30.
- 2. Column (4) is selected based on column (3).

Excess Loss & ALAE Recoveries (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

					Exte	rnal Excess (Covera	ge				5	Sequoia Pacific (S	PRC) Coverage						
				Loss & AL			Е	xcess	Exc	cess			Loss & ALAE	Percent	,	SPRC	SF	PRC		Total
	Gross	Gross	Gross	Case Rese	ves		Rec	coverable	Recov	/erable			Case Reserves	Unreported	Rec	overable	Reco	verable	F	uture
	Ultimate	Paid	Loss & ALAE	Excess of	f Specific	Excess	On	Unpaid	On	Paid	SPRC Retained	SPRC Layer	In SPRC	In SPRC	On	Unpaid	On	Paid	E	xcess
Accident	Loss & ALAE	Loss & ALAE	Reserves	Retentio	n Retention	Factor	Loss	s & ALAE	Loss 8	& ALAE	Layer	Factor	Layer	Layer	Los	s & ALAE	Loss	& ALAE	Rec	overable
Year	(Ex. PWCP-21)	(Data)	(1) - (2)	(Data)	(Note 2)	(Note 3)	1)	Note 4)	(No	te 5)	(Note 2)	(Note 3)	(Data)	(Note 6)	1)	Note 7)	(No	ote 8)	(7)+(8))+(13)+(14)
	(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)	(11)	(12)		(13)	(14)		(15)
Prior	\$ 228,413	\$ 222,048	\$ 6,365	\$ 3	51 Multiple	0.000	\$	351	\$	56									\$	407
2009	17,784	16,926	858		- \$ 2,000	0.013		11		-										11
2010	24,633	21,019	3,614	2,7	32 2,000	0.015		2,782		-										2,782
2011	19,316	18,418	897		- 2,000	0.015		14		-										14
2012	25,881	23,421	2,460		- 2,000	0.016		39		-										39
2013	28,354	25,607	2,747	8-	19 2,000	0.016		849		86										935
2014	19,606	18,156	1,450		- 2,000	0.015		22		(0)										22
2015	27,147	24,289	2,859		- 2,000	0.016		46		-										46
2016	20,575	18,006	2,569		- 2,000	0.017		43		-										43
2017	33,583	30,089	3,494		- 2,000	0.017		60		-										60
2018	24,591	20,728	3,863		- 2,000	0.018		70		-										70
2019	30,732	24,007	6,726	5	95 2,000	0.020		595		-										595
2020	24,261	18,560	5,701		- 2,000	0.023		129		-	\$1Mxs\$1M, \$3M Agg	0.033	\$ -	46%	\$	364	\$	-		493
2021	27,024	18,724	8,300	1:	22 2,000	0.026		214		405	\$1Mxs\$1M, \$3M Agg	0.036	-	50%		491		223		1,333
2022	31,925	17,615	14,310		- 2,000	0.026		376		(34)	\$1Mxs\$1M, \$3M Agg	0.037	-	55%		905		-		1,248
2023	32,732	13,962	18,771		- 2,000	0.029		539		-	\$1Mxs\$1M, \$3M Agg	0.039	-	60%		1,021		-		1,560
2024	33,682	4,055	29,627		- 2,000	0.031		925		-	\$1Mxs\$1M, \$3M Agg	0.041	-	72%		1,395		-		2,319
Total	\$ 650,240	\$ 535,629	\$ 114,610	\$ 4,6	99		\$	7,063	\$	513			\$ -		\$	4,176	\$	223	\$	11,975

- 1. Accident years end 6/30.
- 2. Exhibit 4 contains the complete retention history.
- 3. Excess factors based on historical CJPIA claim data.
- 4. Column (7) = Max[(4), (3) x (6)].
- 5. Column (8) is equal to the difference between paid loss & ALAE amounts above the retention on open claims, less excess recoveries from the CJPIA loss run.
- 6. Column (12) is from the 6/30/2024 Sequoia Pacific report.
- 7. Column (13) is a weighted average of the Expected method {(1) x (10)} and the Incurred BF method {(1) x (10) x (12) + (11)}.
- 8. Column (14) is equal to the difference between paid loss & ALAE amounts in SPRC layer on open claims, less excess recoveries from the CJPIA loss run.

ULAE Reserves (\$000) (Includes All COVID-19 Claims) As of June 30, 2024

Calendar Year	PA Fees Data) (1)	L	ULAE Partoverage intigation (Data)	in Year Administration (Data) (3)	Total + (2) + (3) (4)		ss & ALAE aid in Year (Data) (5)	ULAE Ratio (4) / (5) (6)	Accident Year	Reported LT Claim Count (Data)	Ultimate LT Claim Count (Ex. PWCP-3) (8)	IBNR LT Claim Count (7) - (8)	Open LT Claim Count (Data) (10)	ı	Gross ss & ALAE Reserve PWCP-27)	R	ULAE Reserve Note 3) (12)
									Prior	6,894	6,894	-	103	\$	6,365	\$	261
2009	\$ 1,498	\$	-	\$ 188	\$ 1,686	\$	16,305	10.3%	2009	389	389	-	15		858		35
2010	1,792		-	197	1,989		16,066	12.4%	2010	394	394	-	10		3,614		148
2011	1,684		-	212	1,896		18,756	10.1%	2011	415	415	-	12		897		37
2012	1,584		-	218	1,802		20,778	8.7%	2012	407	407	-	21		2,460		101
2013	1,621		-	195	1,816		22,965	7.9%	2013	349	349	-	21		2,747		113
2014	1,621		-	224	1,845		23,056	8.0%	2014	327	327	-	14		1,450		59
2015	2,053		-	226	2,279		21,196	10.8%	2015	358	358	-	26		2,859		143
2016	2,104		-	233	2,337		21,674	10.8%	2016	311	311	-	26		2,569		128
2017	2,219		-	239	2,458		24,151	10.2%	2017	331	332	1	24		3,494		182
2018	2,255		-	242	2,497		25,580	9.8%	2018	339	340	1	47		3,863		197
2019	2,037		-	244	2,281		24,747 *	9.2%	2019	334	336	2	59		6,726		347
2020	2,223		-	256	2,479		24,793	10.0%	2020	314	318	4	67		5,750		304
2021	2,353		_	266	2,619		25,572	10.2%	2021	417	424	7	94		8,477		453
2022	2,461		_	274	2,735		29,679	9.2%	2022	520	534	14	162		14,474		781
2023	2,738		-	256	2,994		28,737	10.4%	2023	286	320	34	152		18,771		1,110
2024	2,819		-	239	3,058		28,482	10.7%	2024	247	317	70	153		29,627		1,946
					Selecte	ed (2	014 & Prior)	8.2%	Total	12,632	12,765	133	1,006	\$	115,000	\$	6,346

10.0%

Notes:
1. Calendar and Accident years end 6/30.

Selected (2015 & Subsequent)

^{2.} LT is lost time.

^{3.} For 2014 & Prior, Column (12) = 8.2% x (11) x [(9) + 50% x (10)] / [(9) + (10)]. For 2015 & Subsequent, Column (12) = 10.0% x (11) x [(9) + 50% x (10)] / [(9) + (10)].

^{4. (*)} Excludes \$4.4 million in payments on large claim CJP038341IN.

Retained Reserve (\$000) (Includes All COVID-19 Claims) As of June 30, 2024

Accident Year	Gross Ultimate Loss & ALAE (Ex. PWCP-21) (1)	Gross Paid Loss & AL (Data)		Gross Loss & ALAE Reserve (1) - (2) (3)	Dif Red an	tion 4850 ferential coverable d Credit PWCP-23) (4)	Red	Future Other coverable PWCP-24) (5)	Red	Future Excess coverable PWCP-25)	Los:	etained s & ALAE deserve 4) - (5) - (6) (7)	F	ULAE Reserve PWCP-26) (8)	R Los F	iscounted etained ss & LAE Reserve 7) + (8)	D	2.00% discount Factor (10)	F Lo F	secounted Retained less & LAE Reserve 9) x (10) (11)
Prior	\$ 228,413	\$ 222,0	18	\$ 6,365	\$	1	\$	10	\$	407	\$	5,947	\$	261	\$	6,207		0.929	\$	5,767
2009	17,784	16,9	26	858		51		-		11		796		35		832		0.858		714
2010	24,633	21,0	19	3,614		14		3		2,782		815		148		963		0.860		829
2011	19,316	18,4	18	897		56		2		14		826		37		862		0.860		742
2012	25,881	23,4	21	2,460		-		1		39		2,420		101		2,521		0.864		2,178
2013	28,354	25,6	07	2,747		-		1		935		1,811		113		1,924		0.866		1,666
2014	19,606	18,1	56	1,450		-		3		22		1,425		59		1,485		0.869		1,290
2015	27,147	24,2	39	2,859		25		5		46		2,783		143		2,926		0.870		2,545
2016	20,575	18,0	06	2,569		-		6		43		2,520		128		2,648		0.868		2,300
2017	33,583	30,0	39	3,494		1		9		60		3,424		182		3,606		0.875		3,154
2018	24,591	20,7	28	3,863		9		7		70		3,778		197		3,975		0.877		3,486
2019	30,732	24,0	07	6,726		8		16		595		6,107		347		6,454		0.883		5,699
2020	25,056	19,3	06	5,750		45		84		493		5,128		304		5,431		0.890		4,836
2021	28,714	20,2	37	8,477		186		228		1,333		6,730		453		7,183		0.900		6,465
2022	33,155	18,6	31	14,474		191		233		1,248		12,802		781		13,583		0.907		12,323
2023	32,732	13,9	52	18,771		461		304		1,560		16,446		1,110		17,556		0.917		16,093
2024	33,682	4,0	55	29,627		1,892		364		2,319		25,052		1,946		26,999		0.925		24,966
Total	\$ 653,953	\$ 538,9	53	\$ 115,000	\$	2,940	\$	1,276	\$	11,975	\$	98,809	\$	6,346	\$	105,155		0.904	\$	95,049

^{1.} Accident years end 6/30.

^{2.} Accident years 2020 through 2022 include COVID-19 claim amounts from Exhibit PWCP-29.

Retained Ultimate Loss & ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Gross Incurred Loss & ALAE (Data) (1)	Gross Paid Loss & ALAE (Data) (2)	Paid Section 4850 Differential (Data) (3)	Other Recoveries (Data) (4)	Excess Recoveries (Data) (5)	Retained Paid Loss & ALAE (2) - (3) - (4) - (5) (6)	Retained Loss & ALAE Reserve (Ex. PWCP-27)	Retained Ultimate Loss & ALAE (6) + (7) (8)	Prior Retained Ultimate Loss & ALAE (Note 2) (9)	Change (8) - (9) (10)
Prior	\$ 227,715	\$ 222,048	\$ 14,825	\$ 3,387	\$ 4,737	\$ 199,098	\$ 5,947	\$ 205,045	\$ 203,346	\$ 1,699
2009	17,725	16,926	1,050	115	5	15,756	796	16,552	16,387	165
2010	24,439	21,019	797	437	-	19,785	815	20,600	20,751	(150)
2011	19,224	18,418	994	491	-	16,933	826	17,759	17,856	(97)
2012	25,699	23,421	844	111	42	22,424	2,420	24,845	24,684	161
2013	28,066	25,607	1,299	58	207	24,043	1,811	25,854	25,993	(139)
2014	19,341	18,156	1,284	233	20	16,619	1,425	18,044	18,107	(63)
2015	26,657	24,289	1,550	257	0	22,481	2,783	25,264	25,543	(278)
2016	20,063	18,006	1,374	253	1	16,378	2,520	18,897	18,657	240
2017	32,665	30,089	1,764	316	4,804	23,205	3,424	26,629	26,560	70
2018	23,741	20,728	1,242	191	-	19,295	3,778	23,072	22,942	130
2019	29,655	24,007	1,504	428	0	22,075	6,107	28,182	28,787	(606)
2020	23,036	18,560	1,394	178	95	16,893	5,079	21,972	22,269	(297)
2021	24,221	18,724	1,710	65	738	16,211	6,553	22,764	23,942	(1,178)
2022	26,886	17,615	1,664	112	74	15,765	12,639	28,403	28,137	266
2023	22,263	13,962	1,314	50	-	12,598	16,446	29,043	28,343	701
2024	10,421	4,055	359	-	-	3,695	25,052	28,747	25,656	3,092
Total	\$ 601,817	\$ 535,629	\$ 34,968	\$ 6,683	\$ 10,725	\$ 483,254	\$ 98,420	\$ 581,674	\$ 577,959	\$ 3,715

^{1.} Accident years end 6/30.

^{2.} Column (9) is from Milliman's prior report dated 10/23/2023, adjusted to current payroll volume.

Data (\$000) (COVID-19 Claims - Excluded from Analysis) As of June 30, 2024

Accident Year	Total Reported Claim Count (Data) (1)	Total Open Claim Count (Data) (2)	Los	Gross Paid s & ALAE (Data) (3)	lr Los	Gross ncurred s & ALAE (Data) (4)	Secti Diff	Paid ion 4850 erential Data)	Section Difference	case on 4850 erential Data)	Reco (D	ther overies (ata)	Ot Reco	ase her veries ata)	Reco (Da	cess veries ata) 9)	Exc Rese (Da		Loss	etained Paid s & ALAE 5) - (7) - (9) (11)	lr Los	etained ncurred s & ALAE 5) (10) (12)
2020	164	1	\$	745	\$	794	\$	24	\$	-	\$	8	\$	-	\$	-	\$	-	\$	713	\$	762
2021	337	6		1,513		1,690		169		0		-		-		-		-		1,344		1,521
2022	352	4		1,066		1,230		197		1		-		-		-		-		869		1,032
Total	853	11	\$	3,324	\$	3,714	\$	390	\$	1	\$	8	\$	-	\$	-	\$	_	\$	2,926	\$	3,315

^{1.} Accident years end 6/30.

California Joint Powers Insurance Authority Exhibit PWCP-30
Page 1 of 7

Selected Ultimate Amounts - Excluding Departed Members (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

				AII Me	embers				
Accident Year	Payroll (\$Millions) (Data) (1)	LT Claim Count (Data) (2)	Incurred Indemnity (Data) (3)	Incurred Medical (Data) (4)	Incurred ALAE (Data) (5)	LT Claim Count (Ex. PWCP-3) (6)	Ultimate Indemnity (Ex. PWCP-8) (7)	Ultimate Medical (Ex. PWCP-13) (8)	Ultimate ALAE (Ex. PWCP-18) (9)
2011	726	415	\$ 8,800	\$ 7,638	\$ 2,787	415	\$ 8,870	\$ 7,656	\$ 2,790
2012	717	407	11,468	10,402	3,829	407	11,594	10,446	3,841
2013	713	349	10,485	13,952	3,629	349	10,654	14,050	3,651
2014	725	327	8,674	7,710	2,958	327	8,875	7,744	2,988
2015	702	358	11,575	11,309	3,773	358	11,938	11,379	3,830
2016	734	311	9,259	8,213	2,592	311	9,645	8,283	2,647
2017	764	331	15,562	13,525	3,578	332	16,301	13,603	3,679
2018	752	339	11,167	9,292	3,283	340	11,817	9,375	3,399
2019	779	334	13,329	12,955	3,371	336	14,113	13,101	3,519
2020	792	293	11,836	8,413	2,787	297	12,809	8,519	2,933
2021	804	323	12,818	8,586	2,817	330	15,223	8,733	3,068
2022	848	330	13,300	10,038	3,548	344	17,429	10,602	3,894
2023	888	286	11,203	7,982	3,078	320	18,174	10,503	4,056
2024	854	247	4,285	4,437	1,700	317	18,760	11,023	3,899
Total		4,650	\$ 153,759	\$ 134,449	\$ 43,730	4,783	\$ 186,201	\$ 145,015	\$ 48,194
				Active Me	mbers Only				
						Ultimate			
	Payroll	LT Claim	Incurred	Incurred	Incurred	LT Claim	Ultimate	Ultimate	Ultimate
Accident	(\$Millions)	Count	Indemnity	Medical	ALAE	Count	Indemnity	Medical	ALAE
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(11) x (6) / (2)	(12) x (7) / (3)	(13) x (8) / (4)	(14) x (9) / (5)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)

						Ultimate			
	Payroll	LT Claim	Incurred	Incurred	Incurred	LT Claim	Ultimate	Ultimate	Ultimate
Accident	(\$Millions)	Count	Indemnity	Medical	ALAE	Count	Indemnity	Medical	ALAE
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(11) x (6) / (2)	(12) x (7) / (3)	(13) x (8) / (4)	(14) x (9) / (5)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
2011	601	367	\$ 7,976	\$ 6,904	\$ 2,541	367	\$ 8,040	\$ 6,920	\$ 2,543
2012	593	341	8,658	8,764	3,126	341	8,754	8,801	3,135
2013	599	301	8,777	10,504	2,747	301	8,918	10,577	2,763
2014	609	267	7,694	6,423	2,308	267	7,872	6,451	2,331
2015	619	322	10,778	10,392	3,276	322	11,117	10,457	3,325
2016	658	294	8,663	7,679	2,438	294	9,024	7,745	2,489
2017	687	308	14,670	12,739	3,339	309	15,366	12,812	3,434
2018	711	333	11,055	9,133	3,237	334	11,698	9,214	3,352
2019	740	332	13,313	12,944	3,367	334	14,096	13,089	3,515
2020	752	291	11,827	8,403	2,782	295	12,798	8,510	2,929
2021	762	316	12,662	8,450	2,735	323	15,039	8,595	2,978
2022	805	330	13,300	10,038	3,548	344	17,429	10,602	3,894
2023	842	286	11,203	7,982	3,078	320	18,174	10,503	4,056
2024	854	247	4,285	4,437	1,700	317	18,760	11,023	3,899
Total		4,335	\$ 144,860	\$ 124,790	\$ 40,221	4,468	\$ 177,084	\$ 135,298	\$ 44,643

Notes:

- 1. Accident years end 6/30.
- 2. LT is lost time.
- ${\it 3. \ Active\ member\ data\ excludes\ the\ following\ departed\ members:}$

Maywood Regional Government Services Belvedere Pico Rivera Vernon Calexico Victorville Las Virgenes COG South Pasadena Cudahy Sierra Madre Commerce **Local Government Services** West Hollywood Los Alamitos Burney Azusa

Selected Funding Parameters (\$000) As of June 30, 2024

Active Members Only

		Ultimate					On-Level	On-Level	On-Level
	Payroll	LT Claim	Ultimate	Ultimate	Ultimate	On-Level	Indemnity	Medical	ALAE
Accident	(\$Millions)	Count	Indemnity	Medical	ALAE	Frequency	Severity	Severity	Severity
Year	(Data)	(Page 1)	(Page 1)	(Page 1)	(Page 1)	(Note 3)	(Note 4)	(Note 5)	(Note 6)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2011	601	367	\$ 8,040	\$ 6,920	\$ 2,543	0.391	\$ 46.985	\$ 18.094	\$ 8.170
2012	593	341	8,754	8,801	3,135	0.361	54.135	26.799	10.783
2013	599	301	8,918	10,577	2,763	0.312	62.218	39.821	11.138
2014	609	267	7,872	6,451	2,331	0.276	57.315	28.084	10.808
2015	619	322	11,117	10,457	3,325	0.343	63.815	38.695	13.255
2016	658	294	9,024	7,745	2,489	0.304	55.738	32.314	11.111
2017	687	309	15,366	12,812	3,434	0.320	86.394	50.568	14.726
2018	711	334	11,698	9,214	3,352	0.343	56.618	31.993	12.715
2019	740	334	14,096	13,089	3,515	0.333	61.749	44.199	13.104
2020	752	295	12,798	8,510	2,929	0.328	57.879	30.884	11.991
2021	762	323	15,039	8,595	2,978	0.360	59.142	28.672	11.465
2022	805	344	17,429	10,602	3,894	0.388	58.261	32.210	12.994
2023	842	320	18,174	10,503	4,056	0.360	61.564	33.611	13.181
2024	854	317	18,760	11,023	3,899	0.371	59.180	34.772	12.300
					Selected 2024 Level:	0.359	\$ 59.212	\$ 31.499	\$ 12.547
		Projected	Projected	Projected					
	Projected	Indemnity	Medical	ALAE		Projected	Projected	Projected	
	Frequency	Severity	Severity	Severity	Projected	Indemnity	Medical	ALAE	
Accident	Trend	Trend	Trend	Trend	Frequency	Severity	Severity	Severity	
Year	(Note 7)	(Note 8)	(Note 9)	(Note 10)	Sel (6) x (10)	Sel (7) x (11)	Sel (8) x (12)	Sel (9) x (13)	
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
2025	0.976	1.079	1.026	1.040	0.350	\$ 63.869	\$ 32.322	\$ 13.049	
2026	0.933	1.164	1.052	1.082	0.335	68.906	33.124	13.571	
2027	0.892	1.255	1.078	1.125	0.320	74.339	33.947	14.114	
2028	0.853	1.354	1.105	1.170	0.306	80.202	34.790	14.678	
2029	0.816	1.461	1.132	1.217	0.293	86.526	35.655	15.265	

Notes:

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (6) = $(2) / (1) \times Ex. PWCP-3 Col. (4) \times Ex. PWCP-3 Col. (5)$.
- 4. Column (7) = (3) / (2) x Ex. PWCP-7 Col. (4) x Ex. PWCP-7 Col. (5).
- 5. Column (8) = (4) / (2) x Ex. PWCP-12 Col. (4) x Ex. PWCP-12 Col. (5).
- 6. Column (9) = (5) / (2) x Ex. PWCP-17 Col. (4) x Ex. PWCP-17 Col. (5).
- 7. Column (10) is based on information provided by the WCIRB and a 1.5% residual trend.
- 8. Column (11) is based on information provided by the WCIRB and a 4.0% residual trend.
- 9. Column (12) is based on information provided by the WCIRB and a 0.0% residual trend.

- 10. Column (13) is based on information provided by the WCIRB and a 0.0% residual trend.
- 11. Departed members include:

Vernon South Pasadena
Victorville West Hollywood
Burney Belvedere
Maywood Cudahy
Las Virgenes COG Los Alamitos
Local Government Services Calexico
Regional Government Services Commerce

Azusa Pico Rivera Sierra Madre

Selected Gross Loss & ALAE Rate For Accident Years Ending June 30, 2025, 2026, 2027, 2028, and 2029

			Inden	Indemnity		Med	ical			ALA	λE		5	Selected	Selected
	Projected	Р	rojected	_	Р	rojected			P	rojected				Gross	Gross
	Frequency	5	Severity	Projected	5	Severity	Projec	ted	S	Severity	Proje	ected	Los	ss & ALAE	Loss & ALAE
Accident	(Ex. PWCP-30,	(Ex.	PWCP-30,	Rate	(Ex.	PWCP-30,	Rate	е	(Ex.	PWCP-30,	Ra	ite	;	Severity	Rate
Year	Pg. 2)		Pg. 2)	(1) x (2) / 10		Pg. 2)	(1) x (4)	/ 10		Pg. 2)	(1) x (6) / 10	(2)	+ (4) + (6)	(3) + (5) + (7)
	(1)		(2)	(3)		(4)	(5)			(6)	(7	7)		(8)	(9)
2025	0.350	\$	63.869	\$2.24	\$	32.322	\$	1.13	\$	13.049		\$0.46	\$	109.239	\$3.83
2026	0.335		68.906	2.31		33.124		1.11		13.571		0.45		115.601	3.87
2027	0.320		74.339	2.38		33.947		1.09		14.114		0.45		122.400	3.92
2028	0.306		80.202	2.46		34.790		1.07		14.678		0.45		129.670	3.97
2029	0.293		86.526	2.54		35.655		1.04		15.265		0.45		137.446	4.03

	Estimate	ed Split		Payroll (\$Millions)		Gross Loss 8	ALAE Rate
	Public Safety	General		General		Public Safety	Gen. Govt.
Accident	(Ex. PWCP-30,	Government	Public Safety	Government	Total	(9)x(10)x	(9)x(11)x
Year	Pg. 7)	1 - (10)	(Data)	(Data)	(Data)	(14)/(12)	(14)/(13)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2025	55%	45%	\$176	\$677	\$854	\$10.20	\$2.17
2026	55%	45%	176	677	854	10.32	2.20
2027	55%	45%	176	677	854	10.45	2.22
2028	55%	45%	176	677	854	10.58	2.25
2029	55%	45%	176	677	854	10.72	2.28

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Severity is shown in thousands of dollars.

Excess Insurance Recoverable - Accident Year 2025 As of June 30, 2024

					Loss & A	LAE Rate
					Public	General
		Layer		AAD	Safety	Government
(1)	\$0	-	Unlimited	N/A	\$10.1955	\$2.1710
(2)	\$0	-	\$500,000	N/A	7.8923	1.9535
(3)	\$500,000	-	\$1,000,000	N/A	1.1226	0.1363
(4)	\$1,000,000	-	\$1,500,000	N/A	0.4443	0.0403
(5)	\$1,500,000	-	\$2,000,000	N/A	0.2294	0.0170
(6)	\$2,000,000	-	\$5,000,000	N/A	0.3832	0.0206
(7)	\$5,000,000	-	Unlimited	N/A	0.1236	0.0032
	Exces	s Recov	verable			
(8)	\$1M SIR				1.1805	0.0812
	(4)++(7)					
(9)	\$2M SIR (6)+(7)				0.5068	0.0238
(10)	\$5M SIR (7)				0.1236	0.0032
	\' /					

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PWCP-30, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. Estimated using the following payroll assumptions.

\$176M - PWCP - Public Safety

\$677M - PWCP - General Goverment

\$99M - EWC - Police

Excess Insurance Recoverable - Accident Year 2026 As of June 30, 2024

					Loss & A	LAE Rate
					Public	General
		Layer		AAD	Safety	Government
(1)	\$0	-	Unlimited	N/A	\$10.3168	\$2.1968
(2)	\$0	-	\$500,000	N/A	7.8664	1.9597
(3)	\$500,000	-	\$1,000,000	N/A	1.1759	0.1468
(4)	\$1,000,000	-	\$1,500,000	N/A	0.4724	0.0443
(5)	\$1,500,000	-	\$2,000,000	N/A	0.2462	0.0189
(6)	\$2,000,000	-	\$5,000,000	N/A	0.4173	0.0233
(7)	\$5,000,000	-	Unlimited	N/A	0.1387	0.0037
	Exces	s Recov	verable			
(8)	\$1M SIR				1.2745	0.0903
. ,	(4)++(7)					
(9)	\$2M SIR				0.5560	0.0271
	(6)+(7)					
(10)	\$5M SIR				0.1387	0.0037
	(7)					

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PWCP-30, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. Estimated using the following payroll assumptions.

\$176M - PWCP - Public Safety

\$677M - PWCP - General Goverment

\$99M - EWC - Police

Excess Insurance Recoverable - Accident Year 2027 As of June 30, 2024

					Loss & A	LAE Rate
					Public	General
		Layer		AAD	Safety	Government
(1)	\$0	-	Unlimited	N/A	\$10.4453	\$2.2242
(2)	\$0	-	\$500,000	N/A	7.8398	1.9659
(3)	\$500,000	-	\$1,000,000	N/A	1.2304	0.1580
(4)	\$1,000,000	-	\$1,500,000	N/A	0.5017	0.0486
(5)	\$1,500,000	-	\$2,000,000	N/A	0.2640	0.0210
(6)	\$2,000,000	-	\$5,000,000	N/A	0.4539	0.0264
(7)	\$5,000,000	-	Unlimited	N/A	0.1555	0.0044
	Exces	s Recov	/erable			
(8)	\$1M SIR				1.3751	0.1003
	(4)++(7)					
(9)	\$2M SIR				0.6094	0.0308
	(6)+(7)					
(10)	\$5M SIR				0.1555	0.0044
	(7)					

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PWCP-30, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. Estimated using the following payroll assumptions.

\$176M - PWCP - Public Safety

\$677M - PWCP - General Goverment

\$99M - EWC - Police

Excess Insurance Recoverable - Accident Year 2028 As of June 30, 2024

					Loss & A	LAE Rate
					Public	General
		Layer		AAD	Safety	Government
(1)	\$0	-	Unlimited	N/A	\$10.5812	\$2.2531
(2)	\$0	-	\$500,000	N/A	7.8126	1.9721
(3)	\$500,000	-	\$1,000,000	N/A	1.2862	0.1697
(4)	\$1,000,000	-	\$1,500,000	N/A	0.5323	0.0532
(5)	\$1,500,000	-	\$2,000,000	N/A	0.2827	0.0233
(6)	\$2,000,000	-	\$5,000,000	N/A	0.4933	0.0298
(7)	\$5,000,000	-	Unlimited	N/A	0.1741	0.0051
	Exces	s Recov	/erable			
(8)	\$1M SIR				1.4824	0.1114
	(4)++(7)					
(9)	\$2M SIR				0.6674	0.0349
	(6)+(7)					
(10)	\$5M SIR				0.1741	0.0051
	(7)					

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PWCP-30, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. Estimated using the following payroll assumptions.

\$176M - PWCP - Public Safety

\$677M - PWCP - General Goverment

\$99M - EWC - Police

Excess Insurance Recoverable - Accident Year 2029 As of June 30, 2024

					Loss & ALAE Rate				
					Public	General			
		Layer		AAD	Safety	Government			
(1)	\$0	-	Unlimited	N/A	\$10.7247	\$2.2837			
(2)	\$0	-	\$500,000	N/A	7.7846	1.9782			
(3)	\$500,000	-	\$1,000,000	N/A	1.3432	0.1820			
(4)	\$1,000,000	-	\$1,500,000	N/A	0.5641	0.0582			
(5)	\$1,500,000	-	\$2,000,000	N/A	0.3025	0.0258			
(6)	\$2,000,000	-	\$5,000,000	N/A	0.5355	0.0335			
(7)	\$5,000,000	-	Unlimited	N/A	0.1948	0.0060			
	Exces	s Recov	verable						
(8)	\$1M SIR				1.5969	0.1235			
(9)	(4)++(7) \$2M SIR (6)+(7)				0.7303	0.0395			
(10)	\$5M SIR (7)				0.1948	0.0060			

Notes:

- 1. Accident years end 6/30.
- 2. Gross rates from Ex. PWCP-30, Pg. 3.
- 3. Distribution of rates by layer based on historical CJPIA closed claim information.
- 4. Estimated using the following payroll assumptions.

\$176M - PWCP - Public Safety

\$677M - PWCP - General Goverment

\$99M - EWC - Police

Retained Funding Rates For Accident Years Ending June 30, 2025, 2026, 2027, 2028, and 2029

		ss & ALAE P-30, Pg. 3)		ecoverable 0, Pg. 4a - 4e)		ion Reduction ite 2)		ecoverable ote 3)		LAE ote 4)	Undisc Retained L	ounted oss & LAE		I Investment 00% Interest)		ounted Loss & LAE
Accident Year	Public Safety	General Government	Public Safety	General Government	Public Safety	General Government	Public Safety	General Government	Public Safety	General Government	Pub. Safety (1)-(3)-(5)- (7)+(9)	Gen. Govt. (2)-(4)-(6)- (8)+(10)	Public Safety	General Government	Public Safety (11)-(13)	General Government (12)-(14)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
								\$1M	SIR							
2025	\$10.20	\$2.17	\$1.18	\$0.08	\$0.72	\$0.15	\$0.11	\$0.02	\$1.02	\$0.22	\$9.21	\$2.13	\$0.76	\$0.17	\$8.45	\$1.96
2026	10.32	2.20	1.27	0.09	0.74	0.16	0.11	0.02	1.03	0.22	9.22	2.15	0.76	0.18	8.47	1.97
2027	10.45	2.22	1.38	0.10	0.76	0.16	0.11	0.02	1.04	0.22	9.24	2.16	0.76	0.18	8.48	1.98
2028	10.58	2.25	1.48	0.11	0.79	0.17	0.11	0.02	1.06	0.23	9.26	2.18	0.76	0.18	8.50	2.00
2029	10.72	2.28	1.60	0.12	0.81	0.17	0.12	0.02	1.07	0.23	9.27	2.19	0.76	0.18	8.51	2.01
								\$2M	SIR							
2025	\$10.20	\$2.17	\$0.51	\$0.02	\$0.72	\$0.15	\$0.11	\$0.02	\$1.02	\$0.22	\$9.88	\$2.19	\$0.81	\$0.18	\$9.07	\$2.01
2026	10.32	2.20	0.56	0.03	0.74	0.16	0.11	0.02	1.03	0.22	9.94	2.21	0.82	0.18	9.13	2.03
2027	10.45	2.22	0.61	0.03	0.76	0.16	0.11	0.02	1.04	0.22	10.01	2.23	0.82	0.18	9.19	2.05
2028	10.58	2.25	0.67	0.03	0.79	0.17	0.11	0.02	1.06	0.23	10.07	2.25	0.83	0.18	9.25	2.07
2029	10.72	2.28	0.73	0.04	0.81	0.17	0.12	0.02	1.07	0.23	10.14	2.28	0.83	0.19	9.31	2.09
								\$5M	SIR							
2025	\$10.20	\$2.17	\$0.12	\$0.00	\$0.72	\$0.15	\$0.11	\$0.02	\$1.02	\$0.22	\$10.27	\$2.21	\$0.84	\$0.18	\$9.42	\$2.03
2026	10.32	2.20	0.14	0.00	0.74	0.16	0.11	0.02	1.03	0.22	10.36	2.23	0.85	0.18	9.51	2.05
2027	10.45	2.22	0.16	0.00	0.76	0.16	0.11	0.02	1.04	0.22	10.46	2.26	0.86	0.19	9.60	2.07
2028	10.58	2.25	0.17	0.01	0.79	0.17	0.11	0.02	1.06	0.23	10.57	2.28	0.87	0.19	9.70	2.09
2029	10.72	2.28	0.19	0.01	0.81	0.17	0.12	0.02	1.07	0.23	10.68	2.31	0.88	0.19	9.80	2.12

Notes:

MILLIMAN REPORT

^{1.} Accident years end 6/30.

^{2. 4850} Provision Reduction = Gross Loss & ALAE Rates in Col. (1) and (2) x Selected Section 4850 Recoverable Ratio of 12.0% on Ex. PWCP-23 x ratio of overall Indemnity to Loss & ALAE Rates.

^{3.} Other Recoverable Rate = Gross Loss & ALAE Rates in Col. (1) and (2) x Selected Other Recoverable Ratio of 1.1% on Ex. PWCP-24.

^{4.} ULAE Rate = Gross Loss & ALAE Rates in Col. (1) and (2) x Selected ULAE Ratio of 10.0% on Ex. PWCP-26.

Retained Funding Rates - Alternate Discount Assumptions For Accident Years Ending June 30, 2025, 2026, 2027, 2028, and 2029

		counted Loss & LAE		I Investment 00% Interest)		ted at 1.00% Loss & LAE		l Investment 00% Interest)		ed at 2.00% Loss & LAE		d Investment 00% Interest)		d at 3.00% Loss & LAE
	Public	General		, o , oo. c , o	Public	General			Public	General			Public	General
Accident	Safety	Government	Public	General	Safety	Government	Public	General	Safety	Government	Public	General	Safety	Government
Year	(Page 5)	(Page 5)	Safety	Government	(1)-(3)	(2)-(4)	Safety	Government	(1)-(7)	(2)-(8)	Safety	Government	(1)-(11)	(2)-(12)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
							\$1N	1 SIR						
2025	\$9.21	\$2.13	\$0.40	\$0.09	\$8.81	\$2.04	\$0.76	\$0.17	\$8.45	\$1.96	\$1.08	\$0.25	\$8.13	\$1.88
2026	9.22	2.15	0.40	0.09	8.82	2.05	0.76	0.18	8.47	1.97	1.08	0.25	8.15	1.89
2027	9.24	2.16	0.40	0.09	8.84	2.07	0.76	0.18	8.48	1.98	1.08	0.25	8.16	1.91
2028	9.26	2.18	0.40	0.09	8.86	2.08	0.76	0.18	8.50	2.00	1.08	0.25	8.17	1.92
2029	9.27	2.19	0.40	0.09	8.87	2.10	0.76	0.18	8.51	2.01	1.08	0.26	8.19	1.94
							\$2N	1 SIR						
2025	\$9.88	\$2.19	\$0.43	\$0.09	\$9.45	\$2.09	\$0.81	\$0.18	\$9.07	\$2.01	\$1.16	\$0.26	\$8.73	\$1.93
2026	9.94	2.21	0.43	0.10	9.51	2.11	0.82	0.18	9.13	2.03	1.16	0.26	8.78	1.95
2027	10.01	2.23	0.43	0.10	9.57	2.13	0.82	0.18	9.19	2.05	1.17	0.26	8.84	1.97
2028	10.07	2.25	0.44	0.10	9.64	2.15	0.83	0.18	9.25	2.07	1.18	0.26	8.89	1.99
2029	10.14	2.28	0.44	0.10	9.70	2.18	0.83	0.19	9.31	2.09	1.19	0.27	8.95	2.01
							\$5N	1 SIR						
2025	\$10.27	\$2.21	\$0.44	\$0.10	\$9.82	\$2.11	\$0.84	\$0.18	\$9.42	\$2.03	\$1.20	\$0.26	\$9.06	\$1.95
2026	10.36	2.23	0.45	0.10	9.91	2.14	0.85	0.18	9.51	2.05	1.21	0.26	9.15	1.97
2027	10.46	2.26	0.45	0.10	10.01	2.16	0.86	0.19	9.60	2.07	1.22	0.26	9.24	1.99
2027	10.40	2.28	0.46	0.10	10.01	2.18	0.87	0.19	9.70	2.09	1.24	0.27	9.33	2.01
2029	10.57	2.31	0.46	0.10	10.11	2.10	0.88	0.19	9.80	2.12	1.24	0.27	9.43	2.04
_520	10.00	2.01	0.10	0.10	10.21	2.21	0.00	0.10	0.00	2.12	1.20	0.21	0.10	2.01

^{1.} Accident years end 6/30.

Distribution of Retained Losses (\$000) (Includes All COVID-19 Claims) As of June 30, 2024

Public Safety Incurred Loss & ALAE

Non-Public Safety Incurred Loss & ALAE

	N	let of Pa	aid Recoverie	es		N	let of P	, aid Recoverie	es		Public Safety
	\$ 0 - \$50K	\$50	K - \$100K	\$	S100K +	\$ 0 - \$50K	\$50	K - \$100K	\$	3100K +	% of Total
Accident	Layer		Layer		Layer	Layer		Layer		Layer	[(1) + (2) + (3)]/
Year	(Data)		(Data)		(Data)	(Data)		(Data)		(Data)	[(1) + + (6)]
	(1)		(2)		(3)	 (4)		(5)		(6)	(7)
Prior	\$ 31,816	\$	13,266	\$	22,838	\$ 77,449	\$	24,785	\$	36,792	33%
2009	3,362		1,402		2,176	5,680		1,479		2,525	42%
2010	3,672		1,723		5,067	5,798		1,971		2,615	50%
2011	3,784		1,693		3,797	5,107		1,977		1,817	51%
2012	4,229		1,688		5,523	6,586		2,652		4,177	46%
2013	4,095		2,416		7,703	5,178		1,873		4,376	55%
2014	4,057		1,957		4,573	4,338		1,227		1,904	59%
2015	4,912		2,466		7,346	5,006		1,972		3,380	59%
2016	4,360		2,042		4,966	4,568		1,420		1,333	61%
2017	5,262		2,839		7,605	5,080		1,882		3,554	60%
2018	5,084		2,424		4,512	5,091		1,905		3,475	53%
2019	5,776		3,024		6,740	4,724		1,745		5,547	56%
2020	5,519		2,818		7,583	3,919		1,307		1,221	71%
2021	6,019		3,025		6,602	4,420		1,737		2,044	66%
2022	6,189		3,341		6,398	5,601		2,606		1,930	61%
2023	4,986		2,824		5,424	5,173		1,492		836	64%
2024	3,277		888		712	3,705		639		322	51%
Total	\$ 106,401	\$	49,837	\$	109,564	\$ 157,421	\$	52,668	\$	77,847	48%
Distribution 2009-2019	37%		18%		45%	51%		18%		31%	54%
Distribution 2018-2022	38%		19%		42%	50%		20%		30%	61%
Selected %	37%		19%		44%	51%		18%		31%	55%

^{1.} Accident years end 6/30.

Reconciliation to Loss Data As of June 30, 2024

	Item		Milliman Exhibit	Value		CJPIA Loss Run Field	Value
(1) Gross Paid Loss & ALAE	a.	Excluding COVID-19 claims	Ex. PWCP-28, Col. (2)	\$535,629,034	a.	Gross Paid	\$520,939,655
	b.	COVID-19 claims	Ex. PWCP-29 pg , Col. (3)	3,323,961	b.	4850 Diff (Voucher)	18,013,341
	C.	Total (a+b)		\$538,952,995	C.	Adjusted (a+b)	\$538,952,995
(2) Paid Section 4850 Differential	a.	Excluding COVID-19 claims	Ex. PWCP-28, Col. (3)	\$34,967,539			
	b.	COVID-19 claims	Ex. PWCP-29 pg , Col. (5)	389,634			
	C.	Total (a+b)		\$35,357,173		(Note 3)	\$35,357,173
(3) Other Recoveries	a.	Excluding COVID-19 claims	Ex. PWCP-28, Col. (4)	\$6,682,880	a.	Other Recoveries	\$10,719,583
	b.	COVID-19 claims	Ex. PWCP-29 pg , Col. (7)	8,403	b.	Duplicate Excess Recoveries (Note 4)	4,028,300
	C.	Total (a+b)		\$6,691,284	C.	Adjusted (a-b)	\$6,691,284
(4) Excess Recoveries	a.	Excluding COVID-19 claims	Ex. PWCP-28, Col. (5)	\$10,724,662			
	b.	COVID-19 claims	Ex. PWCP-29 pg , Col. (9)	0			
	C.	Total (a+b)		\$10,724,662		Excess Recoveries	\$10,724,662
(5) Loss & ALAE Case Reserves						Gross Reserves	\$66,577,589
(6) Gross Incurred Loss & ALAE	a.	Excluding COVID-19 claims	Ex. PWCP-28, Col. (1)	\$601,816,840			
	b.	COVID-19 claims	Ex. PWCP-29 pg , Col. (4)	3,713,744			
	C.	Total (a+b)		\$605,530,584		(1) + (5)	\$605,530,584

- 1. Accident years end 6/30.
- 2. CJPIA Loss Run values are from "5 PWCP Loss Run 20240630.xlsx" provided to Milliman on July 22, 2024.
- 3. For CJPIA data, Line (2) is equal to the sum of fields [4850 Diff (Voucher)] and [4850 Diff (Check)].
- 4. Other Recoveries column in the provided loss run includes duplicated Excess Recoveries for some claims.

Developed Experience - Closed With Pay Occurrence Count As of June 30, 2024

Accident Year	CWP Occurrence Count (Data) (1)	Factor to Ultimate (Ex. PLP-2)	Developed Ultimate CWP Occurrence Count (1) x (2) (3)
2017	56	1.004	56
2018	44	1.008	44
2019	89	1.015	90
2020	90	1.028	93
2021	126	1.059	133
2022	147	1.109	163
2023	191	1.200	229
2024	114	2.011	229
Total	857		1,038

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.

Selected Ultimate Closed With Pay Occurrence Count As of June 30, 2024

Accident Year	Developed Ultimate CWP Occurrence Count (Ex. ELP-1) (1)	(\$	Payroll Millions) (Data) (2)	Indicated Frequency (1) / (2) (3)	On-Level Trend Factor (Ex. PLP-3) (4)	Indicated On-Level Frequency (3) x (4) (5)	Selected On-Level Frequency (Ex. PLP-3) (6)	Projected Frequency (6) / (4) (7)	Projected Ultimate CWP Occurrence Count (2) x (7) (8)	Selected Ultimate CWP Occurrence Count (Note 3) (9)	Prior Ultimate CWP Occurrence Count (Note 4) (10)	Change (9) - (10) (11)
2017	56	\$	86	0.657	1.000	0.657				56	56	(0)
2018	44		90	0.493	1.000	0.493				44	44	(0)
2019	90		152	0.595	1.000	0.595				90	89	1
2020	93		179	0.516	1.000	0.516				93	93	(1)
2021	133		279	0.479	1.000	0.479				133	128	5
2022	163		342	0.477	1.000	0.477				163	201	(38)
2023	229		360	0.636	1.000	0.636	0.664	0.664	239	234	232	2
2024	229		407	0.563	1.000	0.563	0.664	0.664	271	271		
Total	1,038									1,085		

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (9) is based on columns (1) and (8).
- 4. Column (10) is from Milliman's prior report dated 10/23/23.

Developed Experience - Total Limits Loss (\$000) As of June 30, 2024

Accident Year	Loss (Data) (1)	Occ	Large ncurred currences Note 2) (2)	Incurred Factor to Ultimate (Ex. PLP-6) (3)	Dev L	ncurred velopment Ultimate (2)]x(3)+(2) (4)	 Paid Loss (Data) (5)	Occ	Large Paid currences Note 2) (6)	Paid Factor to Ultimate (Ex. PLP-6) (7)	ι	Paid eveloped Jltimate (6)]x(7)+(2) (8)	M Se	velopment Methods election Note 3) (9)
2017	\$ 1,207	\$	-	1.054	\$	1,272	\$ 1,207	\$	-	1.132	\$	1,366	\$	1,319
2018	826		-	1.070		884	826		-	1.180		975		929
2019	2,089		-	1.088		2,273	1,813		-	1.237		2,242		2,257
2020	14,081		10,000	1.109		14,525	3,056		-	1.305		13,987		14,525
2021	6,471		-	1.132		7,327	3,474		-	1.531		5,317		7,327
2022	10,254		-	1.156		11,859	4,603		-	2.380		10,954		11,859
2023	17,945		6,750	1.212		20,317	9,455		6,750	4.172		18,034		20,317
2024	10,939		-	1.636		17,897	568		-	9.927		5,639		17,897
Total	\$ 63,812	\$	16,750		\$	76,353	\$ 25,000	\$	6,750		\$	58,514	\$	76,430

- 1. Accident years end 6/30.
- 2. Columns (2) and (6) are ground-up amounts on occurrences with incurred loss greater than \$5.0 million.
- 3. Column (9) is based on columns (4) and (8).

Total Limits Loss Severity Analysis (\$000) As of June 30, 2024

Accident Year	N S	velopment Methods election x. ELP-3) (1)	Selected Ultimate CWP Occurrence Count (Ex. ELP-2) (2)	S	dicated Severity 1) / (2) (3)	On-Level Trend Factor (Ex. PLP-7) (4)	;	ndicated On-Level Severity (3) x (4)	C	Selected On-Level Severity Note 3) (6)	5	rojected Severity (6) / (4) (7)	L	rojected Ultimate (2) x (7) (8)
2017	\$	1,319	56	\$	23.462	1.316	\$	30.874						
2018		929	44		20.950	1.265		26.508						
2019		2,257	90		24.986	1.217		30.399						
2020		14,525	93		156.949	1.170		183.608						
2021		7,327	133		54.901	1.125		61.756						
2022		11,859	163		72.749	1.082		78.686						
2023		20,317	234		86.759	1.040		90.229	\$	75.400	\$	72.500	\$	16,978
2024		17,897	271		66.159	1.000		66.159		75.400		75.400		20,397
Total	\$	76,430	1,085		2017	7-2022 Weighted Avg:	\$	75.385						
						PLP Selection:		52.000						
						Selected:		75.400						

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (6) is based on Column (5).

Selected Ultimate Total Limits Loss (\$000) As of June 30, 2024

Accident Year	Incurred Loss (Data) (1)		N Se	relopment lethods election (. ELP-3) (2)	L	rojected Iltimate k. ELP-4) (3)	U	elected Iltimate Note 2) (4)
2017	\$	1,207	\$	1,319			\$	1,319
2018	*	826	•	929			•	929
2019		2,089		2,257				2,257
2020		14,081		14,525				14,525
2021		6,471		7,327				7,327
2022		10,254		11,859				11,859
2023		17,945		20,317	\$	16,978		20,317
2024		10,939		17,897		20,397		20,397
Total	\$	63,812	\$	76,430			\$	78,930

- 1. Accident years end 6/30.
- 2. Column (4) is based on columns (1) through (3).

Developed Experience - Loss Limited to \$150,000 Per Occurrence (\$000) As of June 30, 2024

				I	Limited					Limited	I	Limited
			Incurred	l.	ncurred			Paid		Paid	Dev	velopment
	1	Limited	Factor to	Dev	velopment	I	_imited	Factor to	De	eveloped	N	/lethods
Accident	- 1	ncurred	Ultimate	ι	Jltimate		Paid	Ultimate	ι	Jltimate	S	election
Year		(Data)	(Ex. PLP-11)	((1) x (2)		(Data)	(Ex. PLP-11)	((4) x (5)	(Note 2)
		(1)	(2)		(3)		(4)	(5)		(6)		(7)
2017	\$	614	1.000	\$	614	\$	614	1.003	\$	616	\$	614
2018		576	1.000		576		576	1.024		590		576
2019		1,399	1.000		1,399		1,123	1.049		1,178		1,399
2020		2,052	0.982		2,015		1,377	1.120		1,543		2,015
2021		3,504	0.963		3,374		1,981	1.265		2,506		3,374
2022		5,529	0.902		4,989		2,453	1.672		4,101		4,545
2023		7,034	0.789		5,551		1,620	2.439		3,950		4,750
2024		6,430	0.932		5,992		568	5.529		3,141		4,566
Total	\$	27,138		\$	24,510	\$	10,312		\$	17,624	\$	21,840

- 1. Accident years end 6/30.
- 2. Column (7) is based on columns (3) and (6).

Loss Limited to \$150,000 Per Occurrence Severity Analysis (\$000) As of June 30, 2024

Accident Year	Limited Development Methods Selection (Ex. ELP-6) (1)		Selected Ultimate CWP Occurrence Count (Ex. ELP-2) (2)	Limited Indicated Severity (1) / (2) (3)		On-Level Trend Factor (Ex. PLP-12) (4)	Indicated On-Level Severity (3) x (4) (5)		C S	Selected On-Level Severity (Note 3) (6)		Limited Projected Severity (6) / (4) (7)		Limited Projected Ultimate (2) x (7) (8)	
		(')	(=)		(0)	(· /		(0)		(0)		(,)		(0)	
2017	\$	614	56	\$	10.927	1.230	\$	13.438							
2018		576	44		12.985	1.194		15.505							
2019		1,399	90		15.482	1.159		17.948							
2020		2,015	93		21.774	1.126		24.506							
2021		3,374	133		25.286	1.093		27.631							
2022		4,545	163		27.882	1.061		29.580							
2023		4,750	234		20.284	1.030		20.893	\$	23.900	\$	23.204	\$	5,434	
2024		4,566	271		16.880	1.000		16.880		23.900		23.900		6,465	
Total	\$	21,840	21,840 1,085	2017-2022 Weighted Avg: \$		23.868									
						PLP Selection:		18.900							
						Selected:		23.900							

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (6) is based on Column (5).

Selected Ultimate Loss Limited to \$150,000 Per Occurrence (\$000) As of June 30, 2024

Accident Year	In	Limited Incurred (Data) (1)		Limited Development Methods Selection (Ex. ELP-6) (2)		Limited Projected Ultimate (Ex. ELP-7) (3)		Selected Ultimate Limited Loss (Note 2) (4)		
2017	\$	614	\$	614			\$	614		
2018		576		576				576		
2019		1,399		1,399				1,399		
2020		2,052		2,015				2,015		
2021		3,504		3,374				3,374		
2022		5,529		4,545				4,545		
2023		7,034		4,750	\$	5,434		5,092		
2024		6,430		4,566		6,465		6,465		
Total	\$	27,138	\$	21,840			\$	24,081		

- 1. Accident years end 6/30.
- 2. Column (4) is based on columns (1) through (3).

Selected Ultimate Loss Excess of \$150,000 Per Occurrence (\$000) As of June 30, 2024

Accident Year	lr	Excess ncurred Note 2) (1)	UI Li	elected timate mited Loss ELP-8)	Lir Fa <u>(Ex. P</u>	eased nits ctor <u>LP-14)</u> 3)	E Ai	nplied xcess mount x [(3) - 1] (4)	R	timated % deported <u>s. PLP-14)</u> (5)	Fer Es (1) [1	huetter- rguson timate + (4) x - (5)]	U E	elected Iltimate Excess Loss Note 3)
2017	\$	592	\$	614		2.559	\$	958		84.5%	\$	741	\$	741
2018		250		576		2.595		919		81.1%		423		671
2019		690		1,399		2.632		2,283		78.1%		1,189		1,189
2020		12,028		2,015		2.670		3,366		74.9%		12,873		12,873
2021		2,968		3,374		2.709		5,768		71.6%		4,609		4,609
2022		4,725		4,545		2.749		7,950		65.4%		7,479		7,714
2023		10,911		5,092		2.790		9,115		55.9%		14,935		14,935
2024		4,509		6,465		2.832		11,844		29.1%		12,909		11,844
Total	\$	36,673											\$	54,575

- 1. Accident years end 6/30.
- 2. Column (1) = Exhibit ELP-3, Column (1) Exhibit ELP-6, Column (1).
- 3. Column (7) is based on columns (4) and (6)

Developed Experience - Total Limits ALAE (\$000) As of June 30, 2024

Accident Year	 ncurred ALAE (Data) (1)	Incurred Factor to Ultimate (Ex. PLP-17) (2)	Dev L	ncurred velopment Ultimate 1) x (2) (3)	Paid ALAE (Data) (4)	Paid Factor to Ultimate (Ex. PLP-17) (5)	ι	Paid eveloped JItimate (4) x (5) (6)	N S	velopment Vethods election Note 2) (7)
2017	\$ 634	1.019	\$	646	\$ 634	1.019	\$	646	\$	646
2018	626	1.025		642	626	1.044		653		648
2019	2,012	1.032		2,077	1,690	1.072		1,811		2,077
2020	3,154	1.069		3,370	2,360	1.147		2,707		3,370
2021	4,182	1.153		4,822	3,126	1.361		4,256		4,633
2022	5,559	1.313		7,300	2,721	1.957		5,326		7,300
2023	5,371	1.530		8,217	1,187	4.612		5,475		8,217
2024	1,367	5.552		7,588	150	33.648		5,032		7,588
Total	\$ 22,903		\$	34,661	\$ 12,494		\$	25,905	\$	34,478

- 1. Accident years end 6/30.
- 2. Column (7) is based on columns (3) and (6).

Total Limits ALAE Severity Analysis (\$000) As of June 30, 2024

Accident Year	N S	velopment Methods election (ELP-10)	Selected Ultimate CWP Occurrence Count (Ex. ELP-2) (2)	S	dicated Severity 1) / (2)	On-Level Trend Factor (Ex. PLP-18) (4)	(Indicated On-Level Severity (3) x (4) (5)	C S	Selected On-Level Severity Note 3) (6)	5	rojected Severity (6) / (4) (7)	UI	ojected timate 2) x (7) (8)
2017	\$	646	56	\$	11.486	1.149	\$	13.194						
2018		648	44		14.603	1.126		16.446						
2019		2,077	90		22.992	1.104		25.385						
2020		3,370	93		36.413	1.082		39.415						
2021		4,633	133		34.716	1.061		36.841						
2022		7,300	163		44.781	1.040		46.591						
2023		8,217	234		35.089	1.020		35.791	\$	34.400	\$	33.725	\$	7,898
2024		7,588	271		28.051	1.000		28.051		34.400		34.400		9,306
Total	\$	34,478	1,085		201	7-2022 Weighted Avg	: \$	34.355						
						PLP Selection:		22.600						
						Selected:		34.400						

- 1. Accident years end 6/30.
- 2. CWP is closed with pay.
- 3. Column (6) is based on Column (5).

Selected Ultimate Total Limits ALAE (\$000) As of June 30, 2024

Accident Year	 ncurred ALAE (Data) (1)	N S	relopment lethods election . ELP-10)	U	rojected Itimate ELP-11) (3)	Ĺ	elected Ultimate Note 2) (4)
2017	\$ 634	\$	646			\$	646
2018	626		648				648
2019	2,012		2,077				2,077
2020	3,154		3,370				3,370
2021	4,182		4,633				4,633
2022	5,559		7,300				7,300
2023	5,371		8,217	\$	7,898		8,057
2024	1,367		7,588		9,306		9,306
Total	\$ 22,903	\$	34,478			\$	36,036

- 1. Accident years end 6/30.
- 2. Column (4) is based on columns (1) through (3).

Selected Ultimate Total Limits Loss & ALAE (\$000) As of June 30, 2024

Accident Year	A	ncurred Amount (Data) (1)	L To	delected Ultimate tal Limits Loss k. ELP-5)	l	Selected Ultimate Limited Loss x. ELP-8)	L E	elected Iltimate Excess Loss (. ELP-9) (4)	Li E	Ultimate mited + Excess Loss 3) + (4) (5)	U	elected Itimate Loss Note 2)	U	elected Iltimate ALAE . ELP-12) (7)	l	Selected Ultimate (6) + (7) (8)	U	Prior Iltimate Note 3) (9)	Change 8) - (9) (10)
2017	\$	1,840	\$	1,319	\$	614	\$	741	\$	1,355	\$	1,337	\$	646	\$	1,983	\$	2,025	\$ (42)
2018		1,452		929		576		671		1,247		1,247		648		1,895		1,644	250
2019		4,101		2,257		1,399		1,189		2,588		2,423		2,077		4,500		5,221	(721)
2020		17,234		14,525		2,015		12,873		14,888		14,706		3,370		18,076		9,183	8,893
2021		10,653		7,327		3,374		4,609		7,983		7,655		4,633		12,288		11,832	456
2022		15,813		11,859		4,545		7,714		12,260		12,260		7,300		19,559		18,901	658
2023		23,316		20,317		5,092		14,935		20,027		20,027		8,057		28,084		16,511	11,573
2024		12,306		20,397		6,465		11,844		18,309		18,309		9,306		27,615			
Total	\$	86,715	\$	78,930	\$	24,081	\$	54,575	\$	78,656	\$	77,963	\$	36,036	\$	113,999	\$	65,317	\$ 21,067

- 1. Accident years end 6/30.
- 2. Column (6) is based on columns (2) and (5).
- 3. Column (9) is from Milliman's prior report dated 10/23/23.

Selected Future Other Recoverable (\$000) As of June 30, 2024

Accident Year	Ir Los:	Gross acurred s & ALAE (Data) (1)	Rec (E	Total overies Data) (2)	Recover on Exposure (Date (3)	ccess rences ata)	Rece (2)	ther overies 1 - (3) (4)	Indicated Ratio (4) / (1) (5)	Selected Ratio (Ex. PLP-21) (6)	U Loss	elected Itimate & ALAE ELP-13)	O Reco Max[(7)	uture other overable ox(6)-(4),0] (8)
2017	\$	1,840	\$	124	\$	-	\$	124	0.067	0.019	\$	1,983	\$	-
2018		1,452		11		-		11	0.007	0.006		1,895		1
2019		4,101		3		-		3	0.001	0.015		4,500		64
2020		17,234		39		-		39	0.002	0.014		18,076		222
2021		10,653		142		-		142	0.013	0.009		12,288		-
2022		15,813		104		-		104	0.007	0.016		19,559		214
2023		23,316		5		-		5	0.000	0.016		28,084		451
2024		12,306		-		-		-	0.000	0.016		27,615		448

Note:

1. Accident years end 6/30.

Gross Loss & ALAE IBNR Allocation by Member (\$000) As of June 30, 2024

															Payro	ll (\$Milli	ions)													
							Foun	tain	Herm	osa							Pacifi	С	Sa	nta	Sar	ı Luis					W	est	V	/est
Accident	Alha	mbra		zusa	Comr		Valle		Bea			met	Irwind		La Ve	erne	Grove			arita		ispo	Stan			'ista		/ina	Holl	ywood
Year	(Da	ata)	([ata)	(Da	ata)	(Dat	a)	(Da	ta)	(Da	ata)	(Dat	ta)	(Da	ta)	(Data)	(Da	ata)	(D	ata)	(Dat	a)	(D	ata)	(Da	ata)	(D	oata)
	(1)		(2)	(3	3)	(4))	(5)	(6	3)	(7))	(8)	(9)		(1	0)	(11)	(12	!)	(13)	(1	4)	(15)
2017	\$	-	\$	28	\$	20	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	38	\$	-	\$	-	\$	-	\$	-
2018		-		28		21		-		-		-		-		-		-		-		41		-		-		-		-
2019		37		28		22		-		-		-		9		16		-		-		41		-		-		-		-
2020		37		29		20		-		-		-		10		15		-		-		40		-		-		-		30
2021		38		29		16		-		-		26		10		16		9		-		41		4		27		33		30
2022		40		29		16		-		-		28		11		18		9		47		43		4		29		35		32
2023		42		30		17		-		-		31		13		18		10		50		46		4		30		37		33
2024		42		31		17		28		16		32		13		18		10		50		46		4		30		38		34

								Paid Loss &	ALAE						
				Fountain	Hermosa	ı			Pacific	Santa	San Luis			West	West
Accident	Alhambra	Azusa	Commerce	Valley	Beach	Hemet	Irwindale	La Verne	Grove	Clarita	Obispo	Stanton	Vista	Covina	Hollywood
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)
	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2017	\$ -	\$ 1,346	\$ 207	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287	\$ -	\$ -	\$ -	\$ -
2018	-	385	517	-	-	-	-	-	-	-	550	-	-	-	-
2019	1,883	217	422	-	-	-	5	184	-	-	792	-	-	-	-
2020	1,512	1,711	666	-	-	-	566	56	-	-	486	-	-	-	418
2021	559	2,081	126	-	-	1,149	7	489	24	-	1,088	3	126	534	415
2022	186	2,154	133	-	-	1,906	113	251	173	730	349	300	237	251	541
2023	285	886	106	-	-	7,691	17	50	57	327	299	19	304	421	180
2024	83	53	22	7	9	114	11	19	25	115	36	6	4	199	16
Total	\$ 4.507	\$ 8.832	\$ 2.197	\$ 7	\$ 9	\$ 10.860	\$ 720	\$ 1.049	\$ 279	\$ 1.173	\$ 3.888	\$ 327	\$ 671	\$ 1.405	\$ 1.569

							Los	s & ALAE Cas	e Reserves						
				Fountain	Hermosa				Pacific	Santa	San Luis			West	West
Accident	Alhambra	Azusa	Commerce	Valley	Beach	Hemet	Irwindale	La Verne	Grove	Clarita	Obispo	Stanton	Vista	Covina	Hollywood
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	87	421	84	-	-	-	-	-	-	-	5	-	-	-	-
2020	452	152	10,371	-	-	-	-	-	-	-	49	-	-	-	795
2021	297	722	-	-	-	1,877	-	687	-	-	46	-	81	341	2
2022	-	2,289	293	-	-	2,220	317	170	-	1,440	542	-	287	249	681
2023	758	25	271	-	-	4,338	-	352	343	1,393	1,051	120	2	2,559	1,462
2024	982	605	58	90	107	4,508	690	573	10	751	120	385	176	1,370	1,164
Total	\$ 2,576	\$ 4,215	\$ 11,077	\$ 90	\$ 107	\$ 12,943	\$ 1,007	\$ 1,782	\$ 353	\$ 3,584	\$ 1,814	\$ 505	\$ 545	\$ 4,520	\$ 4,104

Note:

1. Accident years end 6/30.

MILLIMAN REPORT California Joint Powers Insurance Authority Exhibit ELP-15 Page 2 of 2

Gross Loss & ALAE IBNR Allocation by Member (\$000) As of June 30, 2024

							Distribution - P	ayroll (\$Millions), bas	sed on Page 1						
Accident Year	Alhambra	Azusa	Commerce	Fountain Valley	Hermosa Beach	Hemet	Irwindale	La Verne	Pacific Grove	Santa Clarita	San Luis Obispo	Stanton	Vista	West Covina	West Hollywood
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2017	-	0.32	0.23	-	-	-	-	-	-	-	0.44	-	-	-	-
2018	-	0.32	0.23	-	-	-	-	-	-	-	0.45	-	-	-	-
2019	0.24	0.19	0.14	-	-	-	0.06	0.10	-	-	0.27	-	-	-	-
2020	0.21	0.16	0.11	-	-	-	0.05	0.08	-	-	0.22	-	-	-	0.17
2021	0.14	0.10	0.06	-	-	0.09	0.04	0.06	0.03	-	0.15	0.01	0.10	0.12	0.11
2022	0.12	0.09	0.05	-	-	0.08	0.03	0.05	0.03	0.14	0.13	0.01	0.08	0.10	0.09
2023	0.12	0.08	0.05	- 0.07	- 0.04	0.09	0.03	0.05	0.03	0.14	0.13	0.01	0.08	0.10	0.09
2024	0.10	0.08	0.04	0.07	0.04	0.08	0.03	0.05	0.02	0.12	0.11	0.01	0.07	0.09	0.08
							Distribution - Pa	aid Loss & ALAE, ba	sed on Page 1						
				Fountain	Hermosa			·	Pacific	Santa	San Luis			West	West
Accident Year	Alhambra	Azusa	Commerce	Valley	Beach	Hemet	Irwindale	La Verne	Grove	Clarita	Obispo	Stanton	Vista	Covina	Hollywood
	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2017	_	0.73	0.11	_	_	_	_	_	_	_	0.16	_	_	_	_
2018	-	0.73	0.36	-	-	-	-	-	-	-	0.38	-	-	-	-
2019	0.54	0.06	0.12	_	_	-	0.00	0.05	_	-	0.23	_	_	_	_
2020	0.28	0.32	0.12	_	-	-	0.10	0.01	_	_	0.09	_	_	_	0.08
2021	0.08	0.32	0.02	-	_	0.17	0.00	0.07	0.00	_	0.16	0.00	0.02	0.08	0.06
2022	0.03	0.29	0.02	-	_	0.26	0.02	0.03	0.02	0.10	0.05	0.04	0.03	0.03	0.07
2023	0.03	0.08	0.01	-	-	0.72	0.00	0.00	0.01	0.03	0.03	0.00	0.03	0.04	0.02
2024	0.12	0.07	0.03	0.01	0.01	0.16	0.02	0.03	0.03	0.16	0.05	0.01	0.01	0.28	0.02
Accident Year	Alhambra	Azusa	Commerce	Fountain Valley	Hermosa Beach	Hemet	Irwindale	ALAE Case Reserve	Pacific Grove	Santa Clarita	San Luis Obispo	Stanton	Vista	West Covina	West Hollywood
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018			.	-	-	-	-	-	-	-		-	-	-	-
2019	0.15	0.70	0.14	-	-	-	-	-	-	-	0.01	-	-	-	-
2020	0.04	0.01	0.88	-	-	-	-	-	-	-	0.00	-	-	-	0.07
2021	0.07	0.18	- 0.00	-	-	0.46	- 0.04	0.17	-	0.47	0.01	-	0.02	0.08	0.00
2022	-	0.27	0.03	-	-	0.26	0.04	0.02	-	0.17	0.06	- 0.04	0.03	0.03	0.08
2023 2024	0.06 0.08	0.00	0.02	0.04	0.01	0.34 0.39	0.06	0.03	0.03 0.00	0.11	0.08	0.01 0.03	0.00	0.20	0.12 0.10
2024	0.06	0.05	0.01	0.01	0.01	0.39	0.06	0.05	0.00	0.06	0.01	0.03	0.02	0.12	0.10
							Se	lected IBNR Allocation							
		_	_	Fountain	Hermosa				Pacific	Santa	San Luis			West	West
Accident	Alhambra	Azusa	Commerce	Valley	Beach	Hemet	Irwindale	La Verne	Grove	Clarita	Obispo	Stanton	Vista	Covina	Hollywood
Year	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)
	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)
2017		1.00	-								_				
2018		0.27	0.36								0.37				
2019	0.48	0.16	0.12								0.24				
2020	0.14	0.13	0.56				0.03	_			0.13				0.01
2021	0.11	0.18	0.04			0.19	0.02	0.08	0.02		0.13	0.01	0.06	0.10	0.06
2022	0.06	0.18	0.04			0.17	0.03	0.04	0.02	0.14	0.09	0.02	0.06	0.07	0.08
2023	0.08	0.06	0.03			0.30	0.02	0.03	0.02	0.11	0.09	0.01	0.05	0.12	0.08
2024	0.07	0.11	0.03	0.07	0.04	0.20	0.02	0.04	0.02	0.10	0.08	0.01	0.05	0.08	0.08
Notes:	ars end 6/30.														

An Actuarial Analysis of the Self-Insurance Program as of June 30, 2024

^{1.} Accident years end 6/30.

^{2.} Based on columns (1) through (45).

Gross Loss & ALAE IBNR by Member (\$000) As of June 30, 2024

	Gross	Gross	Gross	Gross							Sel	ected IBNR Alloca	tion						
	Ultimate	Paid	Loss & ALAE	Loss & ALAE				Fountain	Hermosa				Pacific	Santa	San Luis			West	West
Accident	Loss & ALAE	Loss & ALAE	Case Reserves	IBNR	Alhambra	Azusa	Commerce	Valley	Beach	Hemet	Irwindale	La Verne	Grove	Clarita	Obispo	Stanton	Vista	Covina	Hollywood
Year	(Ex. ELP-13)	(Data)	(Data)	(1) - (2) - (3)	(Ex. ELP-15)	(Ex. ELP-15)	(Ex. ELP-15)	(Ex. ELP-15)	(Ex. ELP-15)	(Ex. ELP-15)	(Ex. ELP-15)	(Ex. ELP-15)							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
2017	\$ 1,983	\$ 1,840	\$ -	\$ 143		1.00	-	-	-		-								
2018	1,895	1,452	-	443	-	0.27	0.36	-	-	-	-	-	-	-	0.37	-	-	-	-
2019	4,500	3,503	598	399	0.48	0.16	0.12	-	-	-	-	-	-	-	0.24	-	-	-	-
2020	18,076	5,416	11,818	842	0.14	0.13	0.56	-	-	-	0.03	-	-	-	0.13	-	-	-	0.01
2021	12,288	6,600	4,053	1,635	0.11	0.18	0.04	-	-	0.19	0.02	0.08	0.02	-	0.13	0.01	0.06	0.10	0.06
2022	19,559	7,324	8,489	3,747	0.06	0.18	0.04	-	-	0.17	0.03	0.04	0.02	0.14	0.09	0.02	0.06	0.07	0.08
2023	28,084	10,642	12,674	4,768	0.08	0.06	0.03	-	-	0.30	0.02	0.03	0.02	0.11	0.09	0.01	0.05	0.12	0.08
2024	27,615	718	11,588	15,309	0.07	0.11	0.03	0.07	0.04	0.20	0.02	0.04	0.02	0.10	0.08	0.01	0.05	0.08	0.08

															Loss &	ALAE IBNE	₹													
							F	ountain	He	mosa							P	acific		Santa	S	an Luis						West	1	Vest
Accident	Al	lhambra		Azusa	Co	mmerce	,	Valley	В	each	- 1	Hemet	Irw	indale	La	a Verne	(Grove	(Clarita	C	bispo	St	anton	١	Vista	(Covina	Hol	llywood
Year	(4) x (5)	(4) x (6)		4) x (7)	(4	1) x (8)		x (9)	(4) x (10)		x (11)) x (12)) x (13)) x (14)	(4) x (15)		x (16)) x (17)	(4) x (18)		x (19)
		(20)		(21)		(22)		(23)		24)		(25)		(26)		(27)		(28)		(29)		(30)	(31)		(32)		(33)		(34)
2017	\$		\$	143	\$	_	\$		\$		\$		\$	_	\$		\$	_	\$		\$		\$	-	\$		\$		\$	
2018		-		120		159		-		-		-		-		-		-		-		164		-		-		-		-
2019		192		64		48		-		-		-		-		-		-		-		96		-		-		-		-
2020		118		109		471		-		-		-		25		-		-		-		109		-		-		-		8
2021		180		294		65		-		-		311		33		131		33		-		212		16		98		163		98
2022		225		674		150		-		-		637		112		150		75		525		337		75		225		262		300
2023		381		286		143		-		-		1,430		95		143		95		524		429		48		238		572		381
2024		1,046		1,757		460		1,039		600		3,067		293		627		251		1,568		1,297		167		711		1,213		1,214
Total	\$	2,141	\$	3,447	\$	1,497	\$	1,039	\$	600	\$	5,444	\$	558	\$	1,051	\$	454	\$	2,617	\$	2,644	\$	306	\$	1,272	\$	2,211	\$	2,001

1 --- 0 AL AE IDND

Note:

\$ 113,999 \$ 37,494 \$ 49,221 \$ 27,284

Accident years end 6/30.

Member Retained Unpaid Loss & ALAE Summary (\$000) As of June 30, 2024

Member Retained Unpaid Loss & ALAE

																Undisc	counted	t														
							Fo	untain	He	rmosa							P	acific		Santa	Sa	an Luis						West	1	West		
Accident	All	hambra		Azusa	Co	mmerce	\	/alley	В	each	H	lemet	Irw	indale	La	a Verne	(Grove		Clarita	C)bispo	St	anton		Vista	(Covina	Но	llywood		Total
Year	(F	Page 2)	(F	Page 3)	(P	age 4)	(P	age 5)	(P	age 6)	(P	age 7)	(Pa	age 8)	(F	Page 9)	(Pa	age 10)	(F	Page 11)	(Pa	age 12)	(Pa	ge 13)	(F	Page 14)	(P	age 15)	(P	age 16)	(1) +	++ (15)
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)		(13)		(14)		(15)		(16)
2017	\$	-	\$	74	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	74
2018		-		61		81		-		-		-		-		-		-		-		103		-		-		-		-		245
2019		210		204		100		-		-		-		-		-		-		-		65		-		-		-		-		579
2020		524		202		56		-		-		-		10		-		-		-		117		-		-		-		242		1,152
2021		419		416		32		-		-		703		13		159		13		-		177		6		72		460		50		2,520
2022		152		440		359		-		-		1,507		140		146		30		418		711		12		243		431		803		5,390
2023		986		138		331		-		-		2,914		38		409		308		695		1,260		70		92		2,968		1,192		11,402
2024		1,533		1,271		276		616		390		2,926		508		741		108		1,214		866		349		440		2,223		1,667		15,127
Total	\$	3,824	\$	2,806	\$	1,235	\$	616	\$	390	\$	8,050	\$	710	\$	1,454	\$	460	\$	2,327	\$	3,299	\$	436	\$	846	\$	6,082	\$	3,954	\$	36,489

Member Retained Unpaid Loss & ALAE

																2.00% D	iscouri	.eu														
							Fo	untain	He	rmosa										Santa	Sa	an Luis					1	Nest	1	West		
Accident	Al	hambra		Azusa	Co	mmerce	V	alley	В	each	- 1	Hemet	In	windale	La	Verne	(Prove		Clarita	C	Obispo	Sta	inton		Vista	C	ovina	Ho	llywood		Total
Year	(F	Page 2)	(F	Page 3)	(F	age 4)	(Pa	age 5)	(Pa	age 6)	(F	Page 7)	(F	Page 8)	(P:	age 9)	(Pa	ige 10)	(F	Page 11)	(P	age 12)	(Pag	ge 13)	(Pa	age 14)	(Pa	age 15)	(Pa	age 16)	(17)	++ (31)
		(17)		(18)		(19)	((20)	((21)		(22)		(23)		(24)		(25)		(26)		(27)	(2	28)		(29)		(30)		(31)		(32)
2017	\$	-	\$	71	\$	-	\$	-	\$	_	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	71
2018		-		58		78		-		-		-		-		-		-		-		98		-		-		-		-		235
2019		201		195		95		-		-		-		-		-		-		-		62		-		-		-		-		554
2020		500		193		53		-		-		-		10		-		-		-		112		-		-		-		230		1,098
2021		401		398		31		-		-		673		13		152		13		-		169		5		69		440		48		2,411
2022		146		423		345		-		-		1,449		134		140		29		402		683		11		233		414		772		5,182
2023		946		132		317		-		-		2,794		36		392		296		666		1,209		67		88		2,846		1,143		10,933
2024		1,454		1,206		262		585		370		2,776		482		703		102		1,152		822		331		417		2,110		1,582		14,354
Total	\$	3 648	\$	2 676	\$	1 181	\$	585	s	370	\$	7 692	\$	676	\$	1 387	\$	440	\$	2 220	\$	3 155	\$	414	\$	808	\$	5.810	\$	3 775	\$	34 837

^{1.} Accident years end 6/30.

Member Retained Loss & ALAE (\$000) - Alhambra (MRL = \$750,000) As of June 30, 2024

													, 10 o. ou.,														
			Gross		Gross				Member Retained		Member etained			to-Gross IBN	R Ratio		Gross	Re	ember etained	R	lember etained	R	ember etained		M Re	counted ember etained	
			Paid	ıl	ncurred	F	Future		Paid	li li	ncurred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	U	Itimate	ι	Jnpaid	2.00%	U	npaid	
	Accident	Los	s & ALAE	Los	s & ALAE	Red	coverable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	- 1	BNR	I	BNR	Loss	s & ALAE	Loss	& ALAE	Discount	Loss	& ALAE	
	Year		(Data)		(Data)	1)	Note 2)		(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9)	x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13) x (14)	
_			(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)	(14)		(15)	
	2019	\$	1,883	\$	1,970	\$	9	\$	1,861	\$	1,948	0.988	0.989	0.691	0.691	\$	192	\$	132	\$	2,071	\$	210	0.956	\$	201	
	2020		1,512		1,964		8		1,234		1,687	0.816	0.859	0.686	0.686		118		81		1,759		524	0.953		500	
	2021		559		856		-		559		856	1.000	1.000	0.680	0.680		180		122		978		419	0.957		401	
	2022		186		186		-		186		186	1.000	1.000	0.675	0.675		225		152		338		152	0.961		146	
	2023		285		1,042		27		285		1,042	1.000	1.000	0.670	0.670		381		256		1,271		986	0.959		946	
	2024		83		1,065		38		83		958	1.000	0.900	0.665	0.665		1,046		695		1,615		1,533	0.949		1,454	
	Total	\$	4,507	\$	7,083	\$	83	\$	4,208	\$	6,677					\$	2,141	\$	1,438	\$	8,032	\$	3,824		\$	3,648	

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Alhambra.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Azusa (MRL = \$150,000 starting 2021/22 and \$250,000 otherwise) As of June 30, 2024

												, 10 01 0 011													
		Gross		Gross				lember etained		Member etained	Membe	er Retained-	to-Gross IBN	IR Ratio	(Gross		ember etained		ember etained		ember etained		Me	counted ember etained
		Paid	- 1	ncurred		Future		Paid	Ir	ncurred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	Ul	ltimate	l	Jnpaid	2.00%	U	npaid
Accident	Los	s & ALAE	Los	s & ALAE	Re	coverable	Loss	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		BNR		BNR	Loss	& ALAE	Loss	& ALAE	Discount	Loss	& ALAE
Year		(Data)		(Data)	(Note 2)	(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9) x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13) x (14)
•		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)	(14)		(15)
2017	\$	1,346	\$	1,346	\$	-	\$	530	\$	530	0.394	0.394	0.516	0.516	\$	143	\$	74	\$	604	\$	74	0.956	\$	71
2018		385		385		-		385		385	1.000	1.000	0.511	0.511		120		61		446		61	0.956		58
2019		217		638		45		217		434	1.000	0.680	0.507	0.507		64		32		421		204	0.956		195
2020		1,711		1,862		3		714		864	0.417	0.464	0.501	0.501		109		55		916		202	0.953		193
2021		2,081		2,803		-		604		874	0.290	0.312	0.495	0.495		294		146		1,020		416	0.957		398
2022		2,154		4,443		58		775		1,001	0.360	0.225	0.403	0.403		674		272		1,215		440	0.961		423
2023		886		911		1		275		300	0.310	0.329	0.398	0.398		286		114		413		138	0.959		132
2024		53		658		23		53		658	1.000	1.000	0.392	0.392		1,757		689		1,324		1,271	0.949		1,206
Total	\$	8,832	\$	13,046	\$	130	\$	3,552	\$	5,046					\$	3,447	\$	1,442	\$	6,358	\$	2,806		\$	2,676

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Azusa.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Commerce (MRL = \$250,000) As of June 30, 2024

		Gross		Gross				lember etained		Member etained	Membe	er Retained-	to-Gross IBN	R Ratio	(Gross		mber ained		lember etained		lember etained		M	counted ember etained
		Paid	I	ncurred	F	Future		Paid	li	ncurred	Implied	Implied			Loss	s & ALAE	Loss 8	& ALAE	U	Itimate	ι	Jnpaid	2.00%	U	Inpaid
Accident	Los	s & ALAE	Los	s & ALAE	Red	coverable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR	IB	BNR	Loss	s & ALAE	Loss	& ALAE	Discount	Loss	& ALAE
Year		(Data)		(Data)	1)	Note 2)	((Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9)	x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13	3) x (14)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	('	11)		(12)		(13)	(14)		(15)
2017	\$	207	\$	207	\$	_	\$	207	\$	207	1.000	1.000	0.516	0.516	\$	_	\$	_	\$	207	\$	_	0.956	\$	-
2018		517		517		-		467		467	0.903	0.903	0.511	0.511		159		81		548		81	0.956		78
2019		422		506		9		422		506	1.000	1.000	0.507	0.507		48		24		522		100	0.956		95
2020		666		11,037		195		355		369	0.533	0.033	0.501	0.501		471		236		411		56	0.953		53
2021		126		126		-		126		126	1.000	1.000	0.495	0.495		65		32		158		32	0.957		31
2022		133		426		7		133		426	1.000	1.000	0.490	0.490		150		73		492		359	0.961		345
2023		106		377		10		106		377	1.000	1.000	0.484	0.484		143		69		437		331	0.959		317
2024		22		80		2		22		80	1.000	1.000	0.478	0.478		460		220		298		276	0.949		262
Total	\$	2.197	\$	13.274	\$	223	\$	1.836	\$	2.557					\$	1.497	\$	737	\$	3,071	\$	1.235		\$	1.181

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Commerce.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Fountain Valley (MRL = \$300,000) As of June 30, 2024

		Gro	oss		Gross				Meml Retair			lember etained	Membe	er Retained-	to-Gross IBN	R Ratio	(Gross		ember etained		ember tained		ember etained		Me	ounted ember tained
Ac	cident	Pa Loss &			ncurred s & ALAE		Future coverabl	e	Paid Loss & /			ncurred s & ALAE	Implied Paid	Implied Incurred	Expected	Selected		s & ALAE IBNR		& ALAE BNR		timate & ALAE		Inpaid & ALAE	2.00% Discount		npaid & ALAE
	Year	(Da			(Data) (2)		Note 2)	- -	(Data (4)			(Data) (5)	(4) / (1) (6)	(5) / (2)	(Note 3) (8)	(Note 4)		ELP-16) (10)	(9)	x (10)	(5) +	(11) - (3) (12)	(1	2) - (4) (13)	Factor (14)	(13)	x (14)
,	2024	¢ ('	, 7	¢	97	¢	(3)		¢ (+)	7	¢	97	1.000	1.000	0.510	0.510	¢	1,039	œ.	530	œ '	623	œ	616	0.949	¢ '	585
4	2024	Ф	1	φ	91	ф	•)	Ф	1	Ф	97	1.000	1.000	0.510	0.510	Ф	1,039	Ф	550	Ф	023	Ф	616	0.949	Ф	505
7	Γotal	\$	7	\$	97	\$	3	3	\$	7	\$	97					\$	1,039	\$	530	\$	623	\$	616		\$	585

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Fountain Valley.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Hermosa Beach (MRL = \$250,000) As of June 30, 2024

	Gro	oss	(Gross				Member Retained	Member Retained	Membe	er Retained-	to-Gross IBN	R Ratio	Gr	oss		ember tained		ember etained		ember etained		Me	ounted ember tained
Accident		ALAE	Loss	s & ALAE	Red	Future coverable	Lo	Paid ss & ALAE	Incurred ss & ALAE	Implied Paid	Implied Incurred	Expected	Selected	IB	& ALAE NR	16	& ALAE BNR	Loss	timate & ALAE	Loss	Inpaid & ALAE	2.00% Discount	Loss	npaid & ALAE
Year		ata) 1)	((2)	(I	(3)	_	(Data) (4)	 (Data) (5)	<u>(4) / (1)</u> (6)	(5) / (2)	(Note 3) (8)	(Note 4) (9)		LP-16) (0)		x (10) (11)		(11) - (3) (12)	_	<u>2) - (4)</u> (13)	Factor (14)		15)
2024	\$	9	\$	116	\$	4	\$	9	\$ 116	1.000	1.000	0.478	0.478	\$	600	\$	287	\$	399	\$	390	0.949	\$	370
Total	\$	9	\$	116	\$	4	\$	9	\$ 116					\$	600	\$	287	\$	399	\$	390		\$	370

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Hermosa Beach.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Hemet (MRL = \$1,000,000 starting mid-2024, and \$250,000 otherwise) As of June 30, 2024

		Gross		Gross				lember etained		Member Retained	Membe	er Retained-	to-Gross IBN	IR Ratio		Gross		lember etained		lember etained		lember etained		М	counted ember etained
		Paid	I	ncurred	F	uture		Paid	li	ncurred	Implied	Implied			Loss	s & ALAE	Loss	s & ALAE	U	Iltimate	ι	Jnpaid	2.00%	U	Inpaid
Accident	Los	s & ALAE	Los	ss & ALAE	Rec	overable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Los	s & ALAE	Los	s & ALAE	Discount	Loss	& ALAE
Year		(Data)		(Data)	(1)	Note 2)		(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9) x (10)	(5) +	- (11) - (3)	(1	12) - (4)	Factor	(13) x (14)
	Accident Year (Data) 2021 \$ 1,14 2022 1,90			(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)	(14)		(15)
2021	\$	1,149	\$	3,026	\$	-	\$	1,149	\$	1,698	1.000	0.561	0.495	0.495	\$	311	\$	154	\$	1,852	\$	703	0.957	\$	673
2022		1,906		4,126		56		1,233		2,483	0.647	0.602	0.490	0.490		637		312		2,739		1,507	0.961		1,449
2023		7,691		12,029		154		646		3,022	0.084	0.251	0.484	0.484		1,430		693		3,560		2,914	0.959		2,794
2024		114		4,622		174		114		1,747	1.000	0.378	0.478	0.478		3,067		1,467		3,040		2,926	0.949		2,776
Total	\$	10,860	\$	23,803	\$	385	\$	3,142	\$	8,951					\$	5,444	\$	2,625	\$	11,191	\$	8,050		\$	7,692

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Hemet.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Irwindale (MRL = \$150,000) As of June 30, 2024

_	Accident Year	Loss	Gross Paid s & ALAE Data) (1)	lı Los	Gross ncurred ss & ALAE (Data) (2)	Red	Future coverable Note 2)	R Los	Member detained Paid s & ALAE (Data) (4)	R Ii Los	Member detained courred s & ALAE (Data) (5)	Member Implied Paid (4) / (1) (6)	er Retained- Implied Incurred (5) / (2) (7)	Expected (Note 3) (8)	Selected (Note 4)	Gross Loss & AL IBNR (Ex. ELP- (10)		Member Retained Loss & ALA IBNR (9) x (10) (11)	λE	Member Retained Ultimate Loss & ALAF (5) + (11) - (3		Member Retained Unpaid Loss & ALAE (12) - (4) (13)	2.00% Discount Factor (14)	Me Re Ui Loss (13)	ember tained npaid & ALAE (x (14)	
	2019	\$	5	\$	5	\$	-	\$	3	\$	3	0.583	0.583	0.419	0.419	\$	_	\$	-	\$ 3		\$ -	0.956	\$	-	
	2020 2021		566 7		566 7		-		314 7		314 7	0.554 1.000	0.554 1.000	0.414 0.408	0.414 0.408		25 33		0 3	325 21		10 13	0.953 0.957		10 13	
	2022		113		430		8		112		214	0.987	0.497	0.403	0.403		12		5	251		140	0.961		134	
	2023		17		17		-		17		17	1.000	1.000	0.398	0.398		95	3	8	55	5	38	0.959		36	
	2024		11		701		27		11		431	1.000	0.615	0.392	0.392	2	93	11	5	519)	508	0.949		482	
	Total	\$	720	\$	1,727	\$	35	\$	464	\$	987					\$ 5	58	\$ 22	2	\$ 1,174	ļ	\$ 710		\$	676	

Notes:

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Irwindale.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Discounted

Member Retained Loss & ALAE (\$000) - La Verne (MRL = \$250,000) As of June 30, 2024

												, 10 o. ou.,	0 00, 202.												
		Gross		Gross				ember etained		Member tetained	Membe	er Retained-I	to-Gross IBN	R Ratio	(Gross		mber ained		ember etained		ember etained		М	counted lember etained
		Paid	lı lı	ncurred	F	uture		Paid	li li	ncurred	Implied	Implied			Loss	s & ALAE	Loss 8	& ALAE	Ul	timate	ι	Inpaid	2.00%	U	Jnpaid
Accident	Los	s & ALAE	Los	s & ALAE	Rec	overable	Loss	& ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	1	IBNR	IB	NR	Loss	& ALAE	Loss	& ALAE	Discount	Loss	s & ALAE
Year		(Data)		(Data)	(1)	Note 2)	(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9)	c (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13	3) x (14)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	(1	11)		(12)		(13)	(14)		(15)
2019	\$	184	\$	184	\$	-	\$	184	\$	184	1.000	1.000	0.507	0.507	\$	-	\$	-	\$	184	\$	-	0.956	\$	-
2020		56		56		-		56		56	1.000	1.000	0.501	0.501		-		-		56		-	0.953		-
2021		489		1,175		-		355		449	0.726	0.382	0.495	0.495		131		65		513		159	0.957		152
2022		251		421		4		251		328	1.000	0.778	0.490	0.490		150		73		397		146	0.961		140
2023		50		403		13		50		403	1.000	1.000	0.484	0.484		143		69		459		409	0.959		392
2024		19		592		22		19		482	1.000	0.814	0.478	0.478		627		300		760		741	0.949		703
Total	\$	1,049	\$	2,831	\$	39	\$	915	\$	1,901					\$	1,051	\$	508	\$	2,369	\$	1,454		\$	1,387

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to La Verne.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Pacific Grove (MRL = \$150,000) As of June 30, 2024

	G	iross	C	Gross				lember etained		Member Retained	Membe	er Retained-	to-Gross IBN	IR Ratio	G	ross		ember tained		ember etained		lember etained		Ме	ounted mber tained
			In	curred	F	uture		Paid	I	ncurred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	U	ltimate	U	Jnpaid	2.00%	Ur	npaid
Accident	Loss	& ALAE	Loss	& ALAE	Rec	overable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	IE	BNR	IE	BNR	Loss	& ALAE		s & ALAE	Discount		& ALAE
Year	([Data)	(Data)	(N	Note 2)		(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9)	x (10)		(11) - (3)		2) - (4)	Factor		x (14)
	Year (Data) (1)			(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)	((10)	([11)		(12)		(13)	(14)	(15)
2021	\$	24	\$	24	\$	-	\$	20	\$	20	0.856	0.856	0.408	0.408	\$	33	\$	13	\$	33	\$	13	0.957	\$	13
2022		173		173		-		173		173	1.000	1.000	0.403	0.403		75		30		203		30	0.961		29
2023		57		401		12		57		340	1.000	0.848	0.398	0.398		95		38		366		308	0.959		296
2024		25		35		0		25		35	1.000	1.000	0.392	0.392		251		98		133		108	0.949		102
Total	\$	279	\$	632	\$	13	\$	275	\$	568					\$	454	\$	180	\$	735	\$	460		\$	440

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Pacific Grove.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Santa Clarita (MRL = \$100,000) As of June 30, 2024

		G	ross	(Gross				lember etained		Member Retained	Membe	r Retained-	to-Gross IBN	R Ratio	(Gross		ember etained		lember etained		lember etained		М	counted ember etained
			Paid		curred	F	uture		Paid		ncurred	Implied	Implied	10-01033 IDIV	TYTALO		s & ALAE		& ALAE		Itimate		Jnpaid	2.00%		Inpaid
Accide	nt l	Loss	& ALAE	Loss	s & ALAE	Rec	coverable	Loss	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR	11	BNR	Los	s & ALAE	Los	s & ALAE	Discount	Loss	& ALAE
Year	·	(D	ata)	((Data)	(١	Note 2)	(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	Ex.	ELP-16)	(9)	x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13) x (14)
			(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	-	(11)		(12)		(13)	(14)		(15)
2022	!	\$	730	\$	2,170	\$	_	\$	544	\$	785	0.745	0.362	0.338	0.338	\$	525	\$	177	\$	962	\$	418	0.961	\$	402
2023			327		1,719		12		327		859	1.000	0.500	0.333	0.333		524		175		1,022		695	0.959		666
2024			115		867		0		115		816	1.000	0.941	0.328	0.328		1,568		514		1,329		1,214	0.949		1,152
Total	l	\$	1,173	\$	4,757	\$	13	\$	986	\$	2,460					\$	2,617	\$	865	\$	3,313	\$	2,327		\$	2,220

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Santa Clarita.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - San Luis Obispo (MRL = \$500,000) As of June 30, 2024

	,	Gross Paid		Gross ocurred	F	- -uture	R	lember etained Paid	R	Member letained ncurred	Membe	er Retained-t	to-Gross IBN	R Ratio		Gross s & ALAE	Re	ember tained & ALAE	Re	lember etained Iltimate	Re	ember etained Jnpaid	2.00%	Me Re	counted ember tained npaid
Accident	Los	s & ALAE	Loss	s & ALAE	Red	overable	Loss	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	I	BNR	IE	BNR	Loss	s & ALAE	Loss	& ALAE	Discount	Loss	& ALAE
Year		Data)	(Data)	1)	Note 2)	(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9)	x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13) x (14)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	((11)		(12)		(13)	(14)		(15)
2017	\$	287	\$	287	\$	_	\$	279	\$	279	0.972	0.972	0.635	0.635	\$	_	\$	-	\$	279	\$	_	0.956	\$	_
2018		550		550		-		539		539	0.981	0.981	0.629	0.629		164		103		643		103	0.956		98
2019		792		798		-		792		798	1.000	1.000	0.625	0.625		96		60		858		65	0.956		62
2020		486		536		-		473		522	0.972	0.975	0.620	0.620		109		68		590		117	0.953		112
2021		1,088		1,135		-		505		552	0.464	0.486	0.614	0.614		212		131		682		177	0.957		169
2022		349		891		36		349		891	1.000	1.000	0.609	0.609		337		205		1,060		711	0.961		683
2023		299		1,350		50		294		1,345	0.984	0.997	0.603	0.603		429		259		1,554		1,260	0.959		1,209
2024		36		156		29		36		156	1.000	1.000	0.598	0.598		1,297		775		902		866	0.949		822
Total	\$	3,888	\$	5,702	\$	115	\$	3,268	\$	5,082					\$	2,644	\$	1,600	\$	6,568	\$	3,299		\$	3,155

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to San Luis Obispo.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Stanton (MRL = \$100,000) As of June 30, 2024

	G	ross	(Gross				lember etained		Member Retained	Membe	er Retained-	to-Gross IBN	R Ratio	(Gross		mber tained		ember etained		ember etained		Me	ounted mber ained
	F	Paid	In	curred	F	uture		Paid		Incurred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	U	ltimate	U	Inpaid	2.00%	Un	paid
Accident	Loss	& ALAE	Loss	& ALAE	Rec	coverable	Loss	s & ALAE	Los	ss & ALAE	Paid	Incurred	Expected	Selected	- 1	BNR	IE	BNR	Loss	& ALAE	Loss	& ALAE	Discount	Loss	& ALAE
Year	([Data)	(Data)	(١	Note 2)	((Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	ELP-16)	(9)	x (10)	(5) +	(11) - (3)	(1:	2) - (4)	Factor	(13)	x (14)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	(11)		(12)		(13)	(14)	(15)
2021	\$	3	\$	3	\$	_	\$	3	\$	3	1.000	1.000	0.343	0.343	\$	16	\$	6	\$	8	\$	6	0.957	\$	5
2022		300		300		14		107		107	0.356	0.356	0.338	0.338		75		25		118		12	0.961		11
2023		19		139		37		19		110	1.000	0.791	0.333	0.333		48		16		88		70	0.959		67
2024		6		391		5		6		304	1.000	0.779	0.328	0.328		167		55		354		349	0.949		331
Total	\$	327	\$	832	\$	56	\$	134	\$	523					\$	306	\$	102	\$	569	\$	436		\$	414

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Stanton.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - Vista (MRL = \$150,000) As of June 30, 2024

	G	iross		Gross				Member Letained		Member tetained	Membe	er Retained-	to-Gross IBN	IR Ratio	(Gross		ember tained		lember etained		ember etained		Me	ounted ember tained
	F	Paid	Ir	ncurred	- 1	Future		Paid	lı	ncurred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	U	ltimate	L	Jnpaid	2.00%	Ur	npaid
Accident	Loss	& ALAE	Los	s & ALAE	Red	coverable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	1	IBNR	II	BNR	Loss	s & ALAE	Loss	& ALAE	Discount	Loss	& ALAE
Year	([Data)	((Data)	(1	Note 2)		(Data)		(Data)	_(4) / (1)	_(5) / (2)	(Note 3)	(Note 4)	Ex.	ELP-16)	(9)	x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13)	x (14)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	((11)		(12)		(13)	(14)	(15)
2021	\$	126	\$	207	\$	-	\$	126	\$	158	1.000	0.763	0.408	0.408	\$	98	\$	40	\$	198	\$	72	0.957	\$	69
2022		237		523		-		237		389	1.000	0.743	0.403	0.403		225		91		479		243	0.961		233
2023		304		306		4		279		281	0.918	0.918	0.398	0.398		238		95		371		92	0.959		88
2024		4		180		15		4		180	1.000	1.000	0.392	0.392		711		279		444		440	0.949		417
Total	\$	671	\$	1,216	\$	19	\$	646	\$	1,007					\$	1,272	\$	504	\$	1,492	\$	846		\$	808

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to Vista.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - West Covina (MRL = \$1,000,000) As of June 30, 2024

	(Gross		Gross				lember etained		Member Retained	Membe	er Retained-	to-Gross IBN	IR Ratio		Gross		lember etained		ember etained		lember etained		М	counted ember etained	
		Paid	Ir	ncurred	F	Future		Paid	I	ncurred	Implied	Implied			Loss	s & ALAE	Loss	s & ALAE	U	ltimate	ι	Jnpaid	2.00%	U	Inpaid	
Accident	Loss	& ALAE	Los	s & ALAE	Rec	coverable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR	- 1	IBNR	Loss	& ALAE	Los	s & ALAE	Discount		& ALAE	
Year	(Data)		(Data)	1)	Note 2)	((Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	. ELP-16)	(9) x (10)	(5) +	(11) - (3)	(1	2) - (4)	Factor	(13) x (14)	
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)	(14)		(15)	
2021	\$	534	\$	876	\$	-	\$	534	\$	876	1.000	1.000	0.724	0.724	\$	163	\$	118	\$	994	\$	460	0.957	\$	440	
2022		251		501		7		251		500	1.000	1.000	0.719	0.719		262		189		682		431	0.961		414	
2023		421		2,981		0		421		2,981	1.000	1.000	0.715	0.715		572		409		3,389		2,968	0.959		2,846	
2024		199		1,568		7		199		1,568	1.000	1.000	0.710	0.710		1,213		861		2,422		2,223	0.949		2,110	
Total	\$	1,405	\$	5,925	\$	14	\$	1,405	\$	5,925					\$	2,211	\$	1,576	\$	7,487	\$	6,082		\$	5,810	

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to West Covina.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Member Retained Loss & ALAE (\$000) - West Hollywood (MRL = \$500,000 for EPL and \$250,000 for All Other)
As of June 30, 2024

Accident Year	Los	Gross Paid ss & ALAE (Data) (1)	Gross Incurred ss & ALAE (Data) (2)	Re	Future coverable Note 2)	Los	Member Retained Paid s & ALAE (Data) (4)	F I Los	Member Retained ncurred ss & ALAE (Data) (5)	Member Implied Paid (4) / (1) (6)	er Retained- Implied Incurred (5) / (2) (7)	Expected (Note 3) (8)	Selected (Note 4) (9)	Loss I (Ex.	Gross & ALAE BNR ELP-16) (10)	Re Loss II (9)	ember tained & ALAE 3NR x (10)	Re U Loss <u>(5) +</u>	lember etained Itimate s & ALAE (11) - (3) (12)	Re L Loss	lember etained Jnpaid s & ALAE 2) - (4) (13)	2.00% Discount Factor (14)	M Re L Loss	ecounted lember letained Jnpaid s & ALAE B) x (14)	_
2020 2021 2022 2023 2024	\$	418 415 541 180 16	\$ 1,213 417 1,222 1,642 1,180	\$	- 6 91 53	\$	418 410 536 180 16	\$	655 412 1,199 1,278 1,155	0.999 0.988 0.992 1.000 1.000	0.540 0.988 0.981 0.779 0.979	0.501 0.495 0.490 0.484 0.478	0.501 0.495 0.490 0.484 0.478	\$	8 98 300 381 1,214	\$	4 49 147 185 581	\$	660 460 1,339 1,372 1,682	\$	242 50 803 1,192 1,667	0.953 0.957 0.961 0.959 0.949	\$	230 48 772 1,143 1,582	
Total	\$	1,569	\$ 5,673	\$	150	\$	1,559	\$	4,698					\$	2,001	\$	965	\$	5,513	\$	3,954		\$	3,775	

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from ELP-14 allocated to West Hollywood.
- 3. Column (8) is based on historical CJPIA closed claim information.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.

Future

California Joint Powers Insurance Authority

Excess Loss & ALAE Recoveries (\$000) As of June 30, 2024

												i uture
							Loss	s & ALAE			Ext	ernal and
		Gross		Gross		Gross	Case	Reserves			Sequ	ıoia Pacific
		Ultimate		Paid	Los	s & ALAE	Ex	cess of	S	pecific	[Excess
Accident	Lo	ss & ALAE	Los	s & ALAE	R	eserves	Re	etention	Re	etention	Re	coverable
Year	_(E:	x. ELP-13)_		(Data)	((1) - (2)	((Data)	1)	Note 2)	(Ex. PLP	-22, Pgs 10-17)
		(1)		(2)		(3)		(4)		(5)		(6)
2017	\$	1,983	\$	1,840	\$	143	\$	-	\$	2,000	\$	_
2018		1,895		1,452		443		-		500		-
2019		4,500		3,503		997		-		5,000		170
2020		18,076		5,416		12,660		7,914		3,000		8,269
2021		12,288		6,600		5,688		-		3,000		1,295
2022		19,559		7,324		12,235		-		3,000		2,297
2023		28,084		10,642		17,442		4		3,000		3,154
2024		27,615		718		26,897		-		3,000		4,077
Total	\$	113,999	\$	37,494	\$	76,505	\$	7,919			\$	19,262

- 1. Accident years end 6/30.
- 2. Exhibit 4 contains the complete retention history. For 2020 and subsequent, Sequoia Pacific retains the layer from \$3 million to \$5 million for 2020 through 2022, and the layer from \$3 million to \$6 million for 2023 and 2024, up to an aggregate amount. Once Sequoia's aggregate is exhausted, the Authority retains that additional layer.

Program Retained ULAE Reserves (\$000) As of June 30, 2024

				ULAE	Paid	in Year							Reported	Factor	IBNR	Open		Gross		ogram etained
			Cov	/erage					Lo	ss & ALAE	ULAE		Occurrence	to	Occurrence	Occurrence	Los	s & ALAE	ι	JLAE
Calendar	TP	A Fees	Liti	gation	Adn	ninistration		Total	Р	aid in Year	Ratio	Accident	Count	Ultimate	Count	Count	F	Reserve	Re	eserve
Year	(Data)	([oata)		(Data)	(1)	+ (2) + (3)		(Data)	(4) / (5)	Year	(Data)	(Ex. PLP-24)	(7) x [(8) - 1]	(Data)	(Ex	. ELP-20)	(N	lote 2)
		(1)		(2)		(3)		(4)		(5)	(6)		(7)	(8)	(9)	(10)		(11)		(12)
2017												2017	158	1.002	0	-	\$	143	\$	14
2018	\$	95	\$	-	\$	28	\$	123	\$	499	24.6%	2018	129	1.003	0	-		443		44
2019		128		-		46		174		1,992	8.8%	2019	244	1.004	1	5		997		58
2020		272		-		48		320		859	37.3%	2020	282	1.005	1	10		12,660		711
2021		521		-		50		571		2,949	19.4%	2021	358	1.007	3	23		5,688		312
2022		539		-		51		590		2,843	20.7%	2022	545	1.012	7	38		12,235		702
2023		865		-		181		1,046		7,209	14.5%	2023	756	1.024	18	80		17,442		1,034
2024		932		-		184		1,117		21,051	5.3%	2024	540	1.260	140	170		26,897		1,953
									Р	LP Selection Selected	10.0% 10.0%	Total	3,012		171	326	\$	76,505	\$	4,830

Program Retained ULAE Reserve - By Member

Accident Year	 ambra (13)	 <u>zusa</u> (14)	 Commerce (15)	F	Fountain Valley (16)	_ H	Hermosa Beach (17)	 Hemet (18)	 rindale (19)	La	a Verne (20)	 Pacific Grove (21)	 Santa Clarita (22)	San Luis Obispo (23)	 tanton (24)	 <u>′ista</u> 25)	West Covina (26)	Holl	/est ywood 27)
2017	\$ _	\$ _	\$ -	\$	-	\$	-	\$ -	\$ _	\$	_	\$ -	\$ _	\$ _	\$ -	\$ _	\$ -	\$	_
2018	-	12	16		-		-	-	-		-	-	-	16	-	-	-		-
2019	23	12	12		-		-	-	-		-	-	-	12	-	-	-		-
2020	71	142	142		-		-	-	-		-	-	-	142	-	-	-		213
2021	68	41	-		-		-	68	-		27	-	-	14	-	14	68		14
2022	-	74	74		-		-	148	18		18	-	111	111	-	37	37		74
2023	65	13	52		-		-	207	-		52	39	168	116	13	26	155		129
2024	103	92	46		34		57	264	92		69	11	505	115	46	69	230		218
Total	\$ 330	\$ 385	\$ 341	\$	34	\$	57	\$ 687	\$ 110	\$	166	\$ 50	\$ 784	\$ 526	\$ 59	\$ 145	\$ 490	\$	648

^{1.} Calendar and Accident years end 6/30.

^{2.} Column (12) = $10.0\% \times (11) \times [(9) + 50\% \times (10)] / [(9) + (10)]$.

^{3.} Columns (13) through (27) are amounts in column (12) allocated by open occurrences to-date except for 2018 which uses Loss & ALAE IBNR allocation.

Retained Reserve (\$000) As of June 30, 2024

Accident Year	Lo	Gross Ultimate ss & ALAE k. ELP-13)	Los	Gross Paid ss & ALAE (Data)	F	dicated Gross Reserve	(Rec	Other overable ELP-14)	E Red	Future Excess coverable . ELP-18)	Los	ss of MRL) Retained ss & ALAE Reserve - (4) - (5)	R I Los	Member Retained Unpaid ss & ALAE	R Los F	Program Retained ss & ALAE Reserve	R R	rogram etained ULAE eserve ELP-19)	Und R Los R	rogram liscounted etained ess & LAE teserve 8) + (9)	2.00% Discount Factor	Di: R Lo: F	scounted Retained ss & LAE Reserve	_
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)	(11)		(12)	
2017	\$	1,983	\$	1,840	\$	143	\$	-		_		143	\$	74	\$	69	\$	14	\$	83	0.957	\$	80	
2018		1,895		1,452		443		1		-		442		245		196		44		240	0.951		229	
2019		4,500		3,503		997		64		170		763		579		184		58		242	0.947		229	
2020		18,076		5,416		12,660		222		8,269		4,170		1,152		3,018		711		3,730	0.953		3,555	
2021		12,288		6,600		5,688		-		1,295		4,393		2,520		1,873		312		2,185	0.951		2,077	
2022		19,559		7,324		12,235		214		2,297		9,724		5,390		4,335		702		5,037	0.944		4,756	
2023		28,084		10,642		17,442		451		3,154		13,837		11,402		2,435		1,034		3,469	0.929		3,223	
2024		27,615		718		26,897		448		4,077		22,372		15,127		7,245		1,953		9,197	0.911		8,381	
Total	\$	113,999	\$	37,494	\$	76,505	\$	1,400	\$	19,262	\$	55,843	\$	36,489	\$	19,354	\$	4,830	\$	24,184	0.932	\$	22,529	

- 1. Accident years end 6/30.
- 2. MRL is member retained limit.

Retained Ultimate Loss & ALAE (\$000) As of June 30, 2024

									(Gro	ss of MRL)	(Gro	ss of MRL)	(Gro	ss of MRL)	N	Member	Λ	/lember	Р	rogram		Prior		
		Gross		Gross			Re	coveries	F	Retained	Und	discounted	R	tetained	F	Retained	R	etained	R	etained	F	rogram		
	li	ncurred		Paid	(Other	on	Excess		Paid	F	Retained	ι	Iltimate		Paid	l	Jnpaid	U	Iltimate	R	etained		
Accident	Los	s & ALAE	Los	s & ALAE	Red	coveries	Occ	currences	Los	s & ALAE	F	Reserve	Los	s & ALAE	Los	s & ALAE	Los	s & ALAE	Los	s & ALAE	L	Iltimate	C	hange
Year		(Data)		(Data)	(Ex.	ELP-14)	((Data)	(2)	- (3) - (4)	(E)	k. ELP-20)	(5) + (6)		(Data)	(Ex	. ELP-17)	(7)	- (8) - (9)	(Note 2)	(10	0) - (11)
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)
2017	\$	1,840	\$	1,840	\$	124	\$	_	\$	1,716	\$	143	\$	1,859	\$	1,016	\$	74	\$	769	\$	677	\$	92
2018		1,452		1,452		11		-		1,441		442		1,883		1,391		245		246		59		187
2019		4,101		3,503		3		-		3,500		763		4,263		3,478		579		205		339		(134)
2020		17,234		5,416		39		-		5,377		4,170		9,547		3,564		1,152		4,831		3,160		1,671
2021		10,653		6,600		142		-		6,458		4,393		10,851		4,398		2,520		3,932		2,955		977
2022		15,813		7,324		104		-		7,220		9,724		16,944		4,886		5,390		6,669		4,802		1,867
2023		23,316		10,642		5		3,771		6,866		13,837		20,703		2,955		11,402		6,346		5,343		1,003
2024		12,306		718		-		-		718		22,372		23,089		718		15,127		7,245				
Total	\$	86,715	\$	37,494	\$	427	\$	3,771	\$	33,296	\$	55,843	\$	89,139	\$	22,407	\$	36,489	\$	30,243	\$	17,335	\$	5,663

- 1. Accident years end 6/30.
- 2. Column (11) is from Milliman's prior report dated 10/23/23.
- 3. MRL is member retained limit.

Reconciliation to Loss Data As of June 30, 2024

	Item	Milliman Exhibit	Value	CJPIA Loss Run Field	Value
(1)	Paid Loss Net of Recoveries		a.	,	\$25,000,437
			b.	3	0
			C.	Recovery Loss*	(22,532)
			d.	a - b + c	\$24,977,905
(2)	Paid ALAE Net of Recoveries		a.	Net Payment Expense	\$12,493,756
			b.	Subrogation Claims**	0
			C.	Recovery Expense Paid*	(404,870)
			d.	a - b + c	\$12,088,886
(3)	Paid Loss & ALAE Retained by Sequoia Pa	acific			3,770,659
(4)	Paid Loss & ALAE Net of Recoveries	Ex. ELP-21, Col. (5)	\$33,296,131	(1) + (2) - (3)	\$33,296,131
(5)	Loss Recovered			-Recovery Loss	\$22,532
(6)	ALAE Recovered			-Recovery Expense	\$404,870
(7)	Loss & ALAE Recovered	Ex. ELP-21, Col. (3) + Col. (4)	\$4,198,062	(3) + (5) + (6)	\$4,198,062
(8)	Loss Case Reserves			Net Reserve Loss	\$38,811,356
(9)	ALAE Case Reserves			Net Reserve Expense	\$10,409,436
(10)	Incurred Loss & ALAE	Ex. ELP-21, Col. (1)	\$86,714,984	(4)+(7)+(8)+(9)	\$86,714,984

- 1. CJPIA Loss Run values are the sum of the individual claim amounts from "4 ELP Loss Run 20240630 Client Download.xlsx" provided to Milliman on July 22, 2024.
- 2. (*) Net columns in the loss run are actually gross of recoveries. Adjusting to be net of recoveries.
- 3. (**) Excluding claims with LOB equal to "Subrogation" in the loss run per CJPIA.

Exhibit EWCP-1

Developed Experience - Reported Lost-Time Claim Count (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

	Cumulative		Developed
	Reported		Ultimate
	LT Claim	Factor to	LT Claim
Accident	Count	Ultimate	Count
Year	(Data)	(Ex. PWCP-2)	(1) x (2)
	(1)	(2)	(3)
2018	15	1.004	15
2019	47	1.007	47
2020	42	1.012	43
2021	92	1.021	94
2022	90	1.043	94
2023	93	1.120	104
2024	109	1.410	154
Total	488		551

- 1. Accident years end 6/30.
- 2. LT is lost time.

Selected Ultimate Lost-Time Claim Count (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	Developed Ultimate LT Claim Count (Ex. EWCP-1) (1)	(\$Mi (D	yroll llions) ata) 2)	Indicated Frequency (1) / (2) (3)	Industry On-Level Factor (Ex. PWCP-3) (4)	Residual Trend Factor (Ex. PWCP-3) (5)	Indicated On-Level Frequency (3) x (4) x (5) (6)	Selected On-Level Frequency (Note 3) (7)	Projected Frequency _(7) / (4) / (5) _(8)	Projected Ultimate LT Claim Count (2) x (8) (9)	Selected Ultimate LT Claim Count (Note 4) (10)	Prior Ultimate LT Claim Count (Note 5) (11)	Change (10) - (11) (12)
2018	15	\$	26	0.579	0.668	1.093	0.423				15	15	(0)
2019	47		65	0.731	0.685	1.077	0.539				47	48	(1)
2020	43		95	0.447	0.788	1.061	0.374				43	45	(2)
2021	94		173	0.544	0.812	1.046	0.462				94	93	1
2022	94		228	0.412	0.882	1.030	0.374				94	97	(3)
2023	104		240	0.433	0.934	1.015	0.411				104	113	(9)
2024	154		332	0.462	1.000	1.000	0.462	0.418	0.418	139	144		,
Total	Total 551				2018-2	023 Weighted Avg	0.418				541	411	(15)
						PWCP Selection:	0.353						
						Selected:	0.418						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (7) is based on column (6).
- 4. Column (10) is a weighted average of columns (1) and (9).
- 5. Column (11) is from Milliman's prior report dated 10/23/23.

Developed Experience - Indemnity (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	Cumulative Incurred Indemnity (Data) (1)		Incurred Factor to Ultimate (Ex. PWCP-6) (2)	Incurred Development Ultimate (1) x (2) (3)		Cumulative Paid Indemnity (Data) (4)		Paid Factor to Ultimate (Ex. PWCP-6) (5)	Paid Developed Ultimate (4) x (5)		Development Methods Selection Indemnity (Note 2) (7)	
2018	\$	316	1.069	\$	337	\$	306	1.140	\$	348	\$	343
2019		1,662	1.085		1,803		1,586	1.170		1,855		1,816
2020		1,226	1.105		1,355		1,111	1.233		1,370		1,362
2021		3,687	1.168		4,305		2,490	1.394		3,470		3,888
2022		3,897	1.337		5,210		2,791	1.659		4,631		4,920
2023		3,750	1.623		6,086		3,024	2.234		6,756		6,309
2024		3,132	3.089		9,674		2,013	6.415		12,914		9,674
Total	\$	17,669		\$	28,770	\$	13,320		\$	31,343	\$	28,312

- 1. Accident years end 6/30.
- 2. Column (7) is a weighted average of columns (3) and (6).

Indemnity Severity Analysis (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	N S In	velopment Methods election idemnity EWCP-3) (1)	ds Ultimate ion LT Claim nity Count		ndicated Severity (1) / (2) (3)	Industry On-Level Factor (Ex. PWCP-7) (4)	Residual Trend Factor (Ex. PWCP-7) (5)	Indicated On-Level Severity (3) x (4) x (5) (6)		Selected On-Level Severity (Note 3) (7)		Projected Severity (7) / (4) / (5) (8)		Projected Ultimate Indemnity (2) x (8) (9)	
2018	\$	343	15	\$	22.755	1.277	1.265	\$	36.782						
2019		1,816	47		38.369	1.203	1.217		56.137						
2020		1,362	43		32.047	1.140	1.170		42.750						
2021		3,888	94		41.378	1.129	1.125		52.535						
2022		4,920	94		52.430	1.063	1.082		60.290	\$	59.180	\$	51.464	\$	4,830
2023		6,309	104		60.580	1.042	1.040		65.670		59.180		54.593		5,686
2024		9,674	144		67.255	1.000	1.000		67.255		59.180		59.180		8,512
Total	\$ 28,312		541			2018-2	021 Weighted Avg:	\$	50.107						
								59.180							
							Selected:		59.180						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (7) is based on Column (6).

Selected Ultimate Indemnity (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

			Dev	velopment								
	Cu	ımulative	Methods Selection Indemnity (Ex. EWCP-3)		Pr	ojected	S	Selected		Prior		
	lı	ncurred			U	Itimate	l	Jltimate	ι	Jltimate		
Accident	In	demnity			In	demnity	In	demnity	In	demnity	Change	
Year		(Data)			<u>(Ex.</u>	EWCP-4)	(Note 2)		(Note 3)		(4) - (5)	
	(1)		(2)			(3)	(4)		(5)		(6)	
2018	\$	316	\$	343			\$	343	\$	315	\$	28
2019		1,662		1,816				1,816		1,843		(27)
2020		1,226		1,362				1,362		1,343		19
2021		3,687		3,888				3,888		3,774		114
2022		3,897		4,920	\$	4,830		4,890		4,855		35
2023		3,750		6,309		5,686		6,101		4,859		1,242
2024		3,132		9,674		8,512		8,512				
Total	\$	17,669	\$	28,312			\$	26,912	\$	16,988	\$	1,412

- 1. Accident years end 6/30.
- 2. Column (4) is a weighted average of columns (1) through (3).
- 3. Column (5) is from Milliman's prior report dated 10/23/23.

Developed Experience - Medical (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

				Incurred										
				Medical			Medical							
	Cu	umulative	Incurred	Development	Incurred		Cumulative		Paid	Development	Paid		Methods	
	li	ncurred	Factor to	Factor	De	eveloped		Paid	Factor to	Factor	Developed		Selection	
Accident	Accident Medical		Ultimate	Adjustment	Ultimate		Medical		Ultimate	Adjustment	Ultimate		Medical	
Year	(Data)		(Ex. PWCP-11)	(Ex. PWCP-11)	(1) x (2) x (3)		(Data)		(Ex. PWCP-11)	(Ex. PWCP-11)	$(5) \times (6) \times (7)$		(Note 2)	
		(1)	(2)	(3)	(4)		(5)		(6)	(7)	(8)		(9)	
2018	\$	521	1.000	1.000	\$	521	\$	453	1.285	1.000	\$	582	\$	521
2019		1,266	1.000	1.000		1,266		698	1.348	1.000		941		1,266
2020		945	1.000	1.000		945		577	1.420	1.000		820		945
2021		3,616	1.000	1.000		3,616		1,352	1.625	1.000		2,197		3,616
2022		3,600	1.000	1.000		3,600		1,525	1.946	1.000		2,968		3,600
2023		2,704	1.208	1.000		3,267		1,121	3.064	1.000		3,435		3,323
2024		2,281	2.084	1.000		4,754		847	8.081	1.000		6,841		4,754
Total	\$	14,933			\$	17,969	\$	6,574			\$	17,784	\$	18,025

- 1. Accident years end 6/30.
- 2. Column (9) is a weighted average of columns (4) and (8).

Medical Severity Analysis (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	N S N	velopment Methods election Medical EWCP-6) (1)	Selected Ultimate LT Claim Count (Ex. EWCP-2) (2)	5	ndicated Severity (1) / (2) (3)	Industry On-Level Factor (Ex. PWCP-12) (4)	Residual Trend Factor (Ex. PWCP-12) (5)	Ç	ndicated On-Level Severity x (4) x (5) (6)	C S	Selected On-Level Severity Note 3) (7)	5	rojected Severity / (4) / (5) (8)	U M	ojected Itimate Iedical 2) x (8) (9)
2018	\$	521	15	\$	34.585	1.160	1.000	\$	40.105						
2019		1,266	47		26.751	1.128	1.000		30.171						
2020		945	43		22.221	1.071	1.000		23.789						
2021		3,616	94		38.488	1.077	1.000		41.453						
2022		3,600	94		38.362	1.045	1.000		40.094						
2023		3,323	104		31.907	1.024	1.000		32.674	\$	36.560	\$	35.701	\$	3,718
2024		4,754	144		33.051	1.000	1.000		33.051		36.560		36.560		5,259
Total	\$	18,025	541			2018-2	021 Weighted Avg	: \$	36.558						
							PWCP Selection	:	33.380						
							Selected	:	36.560						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (7) is based on Column (6).

Selected Ultimate Medical (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	lı N	umulative ncurred Medical (Data)	N S	velopment Methods election Medical EWCP-6) (2)	L	rojected Iltimate Medical EWCP-7) (3)	L	Initial selected Ultimate Medical Note 2)	N	mulative Paid ledical Data) (5)	Sc Ct Pro 4.8%	ical Fee hedule nange ovision <u>x [(4)-(5)]</u> (6)	L	Final elected Ultimate Medical (4)+(6) (7)	N	Prior Ultimate Medical Note 3) (8)	change 7) - (8) (9)
2018	\$	521	\$	521				\$521	\$	453	\$	3		\$524		\$492	\$ 32
2019		1,266		1,266				1,266		698		27		1,294		1,152	141
2020		945		945				945		577		18		962		1,022	(59)
2021		3,616		3,616				3,616		1,352		109		3,725		2,916	809
2022		3,600		3,600				3,600		1,525		100		3,700		3,298	401
2023		2,704		3,323	\$	3,718		3,455		1,121		112		3,567		3,085	482
2024		2,281		4,754		5,259		5,259		847		212		5,470			
Total	\$	14,933	\$	18,025			\$	18,661	\$	6,574	\$	580	\$	19,241	\$	11,965	\$ 1,806

- 1. Accident years end 6/30.
- 2. Column (4) is a weighted average of columns (1) through (3).
- 3. Column (8) is from Milliman's prior report dated 10/23/23.

Developed Experience - ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

				Incurred						Paid				
				ALAE						ALAE			Deve	elopment
	Cu	mulative	Incurred	Development	In	curred	Cu	mulative	Paid	Development		Paid	Me	ethods
	Ir	ncurred	Factor to	Factor	Dev	elopment		Paid	Factor to	Factor	De	eveloped	Se	election
Accident		ALAE	Ultimate	Adjustment	U	Itimate		ALAE	Ultimate	Adjustment	U	Iltimate	F	ALAE
Year		(Data)	(Ex. PWCP-16)	(Ex. PWCP-16)	(1)	x (2) x (3)	(Data)	(Ex. PWCP-16)	(Ex. PWCP-16)	(5)	x (6) x (7)	(N	lote 2)
		(1)	(2)	(3)		(4)		(5)	(6)	(7)		(8)		(9)
2018	\$	161	1.036	1.000	\$	166	\$	144	1.185	1.000	\$	171	\$	166
2019		424	1.044	1.000		442		318	1.249	1.000		397		442
2020		387	1.053	1.000		408		297	1.335	1.000		396		402
2021		1,363	1.067	1.000		1,455		800	1.497	1.000		1,198		1,326
2022		1,110	1.092	1.000		1,212		596	1.797	1.000		1,072		1,142
2023		840	1.264	1.000		1,063		435	2.652	1.000		1,154		1,093
2024		994	2.212	1.000		2,199		505	7.635	1.000		3,857		2,199
Total	\$	5,280			\$	6,945	\$	3,096			\$	8,245	\$	6,771

- 1. Accident years end 6/30.
- 2. Column (9) is a weighted average of columns (4) and (8).

ALAE Severity Analysis (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident	M Se	elopment ethods election ALAE	Selected Ultimate LT Claim Count	S	dicated severity	Indus On-Le Fact	evel tor	Tr Fa	_evel end ctor	0	ndicated n-Level Severity	0	elected n-Level severity	S	rojected Severity	U	ojected Itimate ALAE
Year	<u>(EX.</u>	EWCP-9) (1)	(Ex. EWCP-2) (2)	(1) / (2) (3)	(Ex. PW)			<u>VCP-17</u>) 5)	(3)	x (4) x (5) (6)	(Note 3) (7)	_(/)	/ (4) / (5) (8)	(2	2) x (8) (9)
		(1)	(2)		(0)	(4)	'	(5)		(0)		(')		(0)		(0)
2018	\$	166	15	\$	11.051	1	1.267		1.000	\$	14.002						
2019		442	47		9.340	1	1.245		1.000		11.631						
2020		402	43		9.463	1	1.208		1.000		11.428						
2021		1,326	94		14.115	1	1.243		1.000		17.542						
2022		1,142	94		12.169	1	1.148		1.000		13.968	\$	14.560	\$	12.685	\$	1,190
2023		1,093	104		10.495	1	1.040		1.000		10.915		14.560		14.000		1,458
2024		2,199	144		15.289	1	1.000		1.000		15.289		14.560		14.560		2,094
Total	\$	6,771	541				2018	-2021 W	eighted Av	g: \$	14.560						
								PWC	P Selection	n:	12.300						
									Selecte	d:	14.560						

- 1. Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (7) is based on Column (6).

Selected Ultimate ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

			Dev	elopment								
	Cui	mulative	M	ethods	Pı	rojected	Se	elected		Prior		
	In	curred	Se	election	U	Iltimate	U	ltimate	Ul	timate		
Accident	1	ALAE	1	ALAE		ALAE	,	ALAE	A	ALAE	Ch	ange
Year	(Data)	(Ex.	EWCP-9)	(Ex.	EWCP-10)	(1	Note 2)	(N	lote 3)	(4)) - (5)
		(1)		(2)		(3)		(4)		(5)		(6)
2018	\$	161	\$	166			\$	166	\$	171	\$	(4)
2019		424		442				442		424		18
2020		387		402				402		444		(41)
2021		1,363		1,326				1,326		1,200		126
2022		1,110		1,142	\$	1,190		1,158		1,086		72
2023		840		1,093		1,458		1,215		991		223
2024		994		2,199		2,094		2,094				
Total	\$	5,280	\$	6,771			\$	6,804	\$	4,315	\$	395

- 1. Accident years end 6/30.
- 2. Column (4) is a weighted average of columns (1) through (3).
- 3. Column (5) is from Milliman's prior report dated 10/23/23.

Selected Ultimate Loss & ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims and Includes Section 4850 Claims) As of June 30, 2024

Accident Year	L In	delected Iltimate demnity EWCP-5)	(1	Selected Ultimate Medical EWCP-8) (2)	U	elected Itimate ALAE EWCP-11) (3)	U	Total elected lltimate + (2) + (3) (4)	_	Prior Iltimate Note 2) (5)	hange 4) - (5) (6)
2018	\$	343	\$	524	\$	166	\$	1,033	\$	977	\$ 57
2019		1,816		1,294		442		3,552		3,419	132
2020		1,362		962		402		2,727		2,808	(81)
2021		3,888		3,725		1,326		8,939		7,890	1,049
2022		4,890		3,700		1,158		9,748		9,239	509
2023		6,101		3,567		1,215		10,883		8,935	1,948
2024		8,512		5,470		2,094		16,077			
Total	\$	26,912	\$	19,241	\$	6,804	\$	52,958	\$	33,268	\$ 3,613

- 1. Accident years end 6/30.
- 2. Column (5) is from Milliman's prior report dated 10/23/23.

Selected Ultimate Section 4850 Benefits (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Accident Year	Sec Dif	mulative Paid tion 4850 fferential (Data) (1)	4850 Paid Factor to Ultimate (Ex. PWCP-23)	Diff Dev UI	ion 4850 ferential veloped timate) x (2) (3)	In (Incl.	eveloped Average Idemnity Sec 4850) EWCP-3)	Section 4850 Differential Ratio (3) / (4) (5)	lr (Incl	Ultimate ndemnity . Sec 4850) . EWCP-5)	U Sec Dif	ojected Itimate tion 4850 ferential (5) x (6) (7)	Ir Sec Dit	mulative ncurred tion 4850 fferential (Data) (8)	U Sec Dif B	elected Itimate tion 4850 ferential enefits Note 2) (9)	UI Sect Diff Be	Prior Itimate ion 4850 ferential enefits Jote 3) (10)	(9	hange) - (10) (11)	Reco and (9	ion 4850 overable I Credit) - (1) (12)
2018	\$	-	1.001	\$	_	\$	343	0.000	\$	343	\$	41	\$	-	\$	-	\$	_	\$	-	\$	-
2019		223	1.005		224		1,816	0.123		1,816		218		223		224		232		(8)		1
2020		186	1.024		191		1,362	0.140		1,362		163		186		191		181		9		4
2021		433	1.061		460		3,888	0.118		3,888		467		552		552		508		44		119
2022		557	1.109		618		4,920	0.126		4,890		587		640		640		671		(31)		83
2023		459	1.196		550		6,309	0.087		6,101		732		532		610		662		(52)		151
2024		345	2.749		948		9,674	0.098		8,512		1,021		608		1,021						677
Total	\$	2,204		\$	2,990	\$	28,312	0.106	\$	26,912			\$	2,742	\$	3,239	\$	2,255	\$	(38)	\$	1,035

Selected 0.120

Notes:

1. Accident years end 6/30.

3. Column (10) is from Milliman's prior report dated 10/23/23.

^{2.} Column (9) is a weighted average of columns (3), (7), and (8).

Selected Future Other Recoverable (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

		Gross						Selected		uture
	lı	ncurred	С	ther	Indicated	Selected	Ĺ	Jltimate	C	Other
Accident	Los	s & ALAE	Rec	overies	Ratio	Ratio	Los	s & ALAE	Reco	overable
Year		(Data)	([oata)	(2) / (1)	(Ex. PWCP-24)	(Ex.	EWCP-12)	Max[(5)x(4)-(2),0]
		(1)		(2)	(3)	(4)		(5)		(6)
2018	\$	997	\$	-	0.000	0.008	\$	1,033	\$	8
2019		3,352		68	0.020	0.014		3,552		-
2020		2,558		41	0.016	0.011		2,727		-
2021		8,667		7	0.001	0.011		8,939		90
2022		8,607		4	0.000	0.011		9,748		102
2023		7,294		5	0.001	0.011		10,883		113
2024		6,407		-	0.000	0.011		16,077		174
Total	\$	37,882	\$	124			\$	52,958	\$	487

Note:

1. Accident years end 6/30.

Exhibit EWCP-15 Page 1 of 2

Gross Loss & ALAE IBNR Allocation by Member (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

						Payroll	(\$Millions)					
			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo	Clarita	Stanton	Covina	Hollywood
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2018	\$ -	\$ 26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019	37	28	-	-	-	-	-	-	-	-	-	-
2020	37	29	-	-	-	-	-	-	-	-	-	30
2021	38	29	-	26	-	5		-	-			30
2022	40	29	-	28	-	5		-		4		32
2023	42	30	-	31	-	5		-		4		33
2024	42	31	28	32	16	5	10	46	49	4	38	34
Total												
						Paid Lo	oss & ALAE					
			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident	Alhambra	Azusa	Valley	Hemet	Beach	Grove	9 - 4 33 9 - 46 4 35 10 - 48 4 37 10 46 49 4 38 Ses & ALAE Pacific Grove (Data) (Data) (Data) (Data) ((21) (22) (23) \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Hollywood				
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)						(Data)
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
2018	\$ -	\$ 903	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019	1,294	1,308	-	-	-	-	-	-	-	-	-	-
2020	1,279	628	-	-	-	-	-	-	-	-	-	77
2021	1,426	1,341	-	472	-	4	264	-	-	1	1,118	16
2022	1,039	1,670	-	412	-	2	88	-	56	0		323
2023	1,476	189	-	336	-	8	329	-	105	25		425
2024	550	75	658	213	60	60	563	376	30	14	664	100
Total	\$ 7,065	\$ 6,114		\$ 1,434		\$ 74	\$ 1,243		\$ 191	\$ 41	\$ 4,792	\$ 941
						Loss & ALAE	Case Reserv	es				
			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo		Stanton		Hollywood
Year	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)	(Data)
	(25)	(26)	(27)	(28)	(29)	(30)	(31)	- 105 25 1,687 376 30 14 664 \$ 191 \$ 41 \$ 4,792 \$ rves San Luis Santa West Obispo Clarita Stanton Covina I	(36)			
2018	\$ -	\$ 94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019	137	612	-	-	-	-	-	-	-	-	-	-
2020	301	164	-	-	-	-	-	-	-	-	-	109
2021	1,231	1,239	-	363	-	-	72	-	-	-	1,046	73
2022	721	1,460	-	208	-	-	46	-	-	-	1,069	190
2023	559	376	-	161	-	55	187	-	103	51	974	247
2024	531	158	535	185	67	52	258	405	31	7	603	209
Total	\$ 3.481	\$ 4.103		\$ 917		\$ 107	\$ 563		\$ 134	\$ 59	\$ 3.692	\$ 828

^{1.} Accident years end 6/30.

^{2.} Based on columns (1) through (36).

Exhibit EWCP-15 Page 2 of 2

Gross Loss & ALAE IBNR Allocation by Member (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

					Distributi	on - Payroll (\$	Millions), base	d on Page 1				
			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident Year	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo	Clarita	Stanton	Covina	Hollywood
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2018	-	1.00	-	-	-	-	-	-	-	-	-	-
2019	0.56	0.44	-	-	-	-	-	-	-	-	-	-
2020	0.39	0.30	-	-	-	-	-	-	-	-	-	0.31
2021	0.22	0.17	-	0.15	-	0.03	0.05	-	-	0.02	0.19	0.17
2022	0.18	0.13	-	0.12	-	0.02	0.04	-	0.20	0.02	0.15	0.14
2023	0.17	0.13	-	0.13	-	0.02	0.04	-	0.20	0.02	0.15	0.14
2024	0.13	0.09	0.08	0.09	0.05	0.01	0.03	0.14	0.15	0.01	0.11	0.10
					Distribution	on - Paid Loss	& ALAE, base	d on Page 1				
Accident			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident Year	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo	Clarita	Stanton	Covina	Hollywood
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
2018	-	1.00	-	-	-	-	-	-	-	-	-	-
2019	0.50	0.50	-	-	-	-	-	-	-	-	-	-
2020	0.64	0.32	-	-	-	-	-	-	-	-	-	0.04
2021	0.31	0.29	-	0.10	-	0.00	0.06	-	-	0.00	0.24	0.00
2022	0.21	0.34	-	0.08	-	0.00	0.02	-	0.01	0.00	0.27	0.07
2023	0.32	0.04	-	0.07	-	0.00	0.07	-	0.02	0.01	0.37	0.09
2024	0.16	0.02	0.20	0.06	0.02	0.02	0.17	0.11	0.01	0.00	0.20	0.03
								based on Page				
			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident Year	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo	Clarita	Stanton	Covina	Hollywood
Teal	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
2018	_	1.00										
2019		0.82	-	-	-	-	-	-	-	-	-	-
2019	0.18 0.53	0.62	-	-	-	-	-	-	-	-	-	0.19
2020	0.33	0.29	-	0.09	-	-	0.02	-	-	-	0.26	0.19
2021	0.31	0.40	-	0.06	-	-	0.02	-	-	-	0.20	0.02
2022	0.20	0.40	-	0.06	-	0.02	0.07	-	0.04	0.02	0.29	0.03
2024	0.17	0.05	0.18	0.06	0.02	0.02	0.08	0.13	0.01	0.00	0.20	0.07
						Selected IB	NR Allocation					
			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo	Clarita	Stanton	Covina	Hollywood
Year	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)	(Note 2)
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)
2018		1.00										
2019	0.18	0.82										
	0.46	0.29										0.25
2020		0.24		0.12		0.01	0.03			0.01	0.23	0.10
2021	0.26	0.24										
2021 2022	0.19	0.26		0.09		0.01	0.03		0.10	0.01	0.22	0.09
2021			0.08		0.05	0.01 0.02 0.01	0.03 0.04 0.03	0.14	0.10 0.20 0.15	0.01 0.02 0.01	0.22 0.15 0.11	0.09 0.14 0.11

^{1.} Accident years end 6/30.

^{2.} Based on columns (1) through (36).

Gross Loss & ALAE IBNR by Member (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

	Gros	ss	G	iross		Gross	(Gross						Selected IBN	IR Allocation					
	Ultima	ate	F	Paid	Los	& ALAE	Loss	& ALAE			Fountain		Hermosa	Lemon	Pacific	San Luis	Santa		West	West
Accident	Loss & A	ALAE	Loss	& ALAE	Case	Reserves		IBNR	Alhambra	Azusa	Valley	Hemet	Beach	Grove	Grove	Obispo	Clarita	Stanton	Covina	Hollywood
Year	(Ex. EWC	CP-12)	([Data)	(Data)	_(1) -	(2) - (3)	(Ex. EWCP-15)											
	(1)			(2)		(3)		(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2018	\$ 1	,033	\$	903	\$	94	\$	36	-	1.00	_	-	_	_	_	_	-	-	-	_
2019	3	,552		2,602		750		200	0.18	0.82	-	-	-	-	-	-	-	-	-	-
2020	2	,727		1,985		573		169	0.46	0.29	-	-	-	-	-	-	-	-	-	0.25
2021	8	,939		4,642		4,025		272	0.26	0.24	-	0.12	-	0.01	0.03	-	-	0.01	0.23	0.10
2022	9	,748		4,913		3,693		1,141	0.19	0.26	-	0.09	-	0.01	0.03	-	0.10	0.01	0.22	0.09
2023	10	,883		4,580		2,714		3,589	0.17	0.13	-	0.13	-	0.02	0.04	-	0.20	0.02	0.15	0.14
2024	16	,077		3,365		3,043		9,670	0.13	0.09	0.08	0.09	0.05	0.01	0.03	0.14	0.15	0.01	0.11	0.11
Total	\$ 52	,958	\$	22,990	\$	14,892	\$	15,076												

													LUSS & A	LAE IDIN	П										
						For	untain			He	rmosa	Le	emon	P	acific	S	an Luis		Santa				West	1	West
	Accident	Al	hambra		Azusa	V	alley	H	lemet	В	each	G	Grove	G	Grove		Obispo	(Clarita	Sta	anton	(Covina	Ho	llywood
_	Year	(-	4) x (5)	(4) x (6)		x (7)	(4	1) x (8)) x (9)		x (10)		x (11)	(4) x (12)	(4) x (13)		x (14)	(4) x (15)) x (16)
			(17)		(18)	(19)		(20)	((21)		(22)		(23)		(24)		(25)	(26)		(27)		(28)
	2018	\$	_	\$	36	\$	_	\$	_	\$	-	\$	_	\$	_	\$	-	\$	_	\$	_	\$	_	\$	_
	2019		36		164		-		-		-		-		-		-		-		-		-		-
	2020		78		49		-		-		-		-		-		-		-		-		-		42
	2021		71		65		-		33		-		3		8		-		-		3		63		27
	2022		217		297		-		103		-		11		34		-		114		11		251		103
	2023		610		467		-		467		-		72		144		-		718		72		538		502
	2024		1,257		870		774		870		483		97		290		1,354		1,450		97		1,064		1,064
	Total	s	2.268	\$	1.948	\$	774	\$	1.472	s	483	\$	183	\$	476	\$	1.354	\$	2.282	\$	183	\$	1.916	\$	1.738

Accident years end 6/30.

Member Retained Loss & ALAE Summary (\$000) (Includes All COVID-19 Claims) As of June 30, 2024

Member Retained Unpaid Loss & ALAE

														a 0pa.a =		,,											
													Und	liscounted													
					Fo	ountain			Н	Hermosa		Lemon	-	Pacific	S	an Luis		Santa				West	,	West			
Accident	All	nambra	Azusa (Page 3) (2)		\	Valley	- 1	Hemet		Beach		Grove		Grove	(Obispo	(Clarita		Stanton		Covina	Но	llywood		Total	
Year	(F	age 2)	(F	Page 3)	(F	Page 4)	(F	Page 5)	(Page 6)	((Page 7)	(F	Page 8)	(1	Page 9)	(P	age 10)	(Page 11)	(F	Page 12)	(Pa	age 13)	(1) -	++ (12)	
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)		(13)	
2018	\$	_	\$	114	\$	_	\$	-	\$	_	\$	-	\$	-	\$	_	\$	_	\$	_	\$	-	\$	_	\$	114	
2019		169		676		-		-		-		-		-		-		-		-		-		-		845	
2020		368		200		-		-		-		-		-		-		-		-		-		135		704	
2021		1,669		807		-		481		-		2		76		-		-		1		1,094		88		4,219	
2022		886		1,289		-		440		-		7		65		-		83		6		1,498		214		4,488	
2023		1,051		694		-		488		-		96		178		-		612		85		1,432		478		5,114	
2024		1,550		761		1,194		786		467		106		261		1,512		1,049		54		1,549		818		10,106	
Total	\$	5,693	\$	4,542	\$	1,194	\$	2,195	\$	467	\$	210	\$	580	\$	1,512	\$	1,744	\$	146	\$	5,574	\$	1,734	\$	25,591	

Member Retained Unpaid Loss & ALAE

												2	2.00%	Discounte	d											
			ge 2) (Page 3)		Fo	ountain			Н	lermosa		Lemon		Pacific	S	San Luis		Santa				West		West		
Accident	All	nambra			\	/alley	H	Hemet		Beach		Grove		Grove		Obispo	(Clarita		Stanton		Covina	Ho	llywood		Total
Year	(P	age 2)			(F	age 3)	(F	Page 5)	(Page 3)	(Page 7)	(F	Page 8)	(Page 3)	(P	age 10)	(1	Page 11)	(F	Page 12)	(P	age 13)	(14)	++ (25)
	(14)			(15)		(16)		(17)		(18)		(19)		(20)		(21)		(22)		(23)		(24)		(25)		(26)
2018	\$	_	\$	100	\$	_	\$	-	\$	_	\$	-	\$	_	\$	_	\$	-	\$	_	\$	-	\$	_	\$	100
2019		149		597		-		-		-		-		-		-		-		-		-		-		746
2020		328		178		-		-		-		-		-		-		-		-		-		121		627
2021		1,502		727		-		433		-		2		68		-		-		1		985		79		3,797
2022		804		1,169		-		399		-		6		59		-		75		5		1,359		194		4,072
2023		963		636		-		447		-		88		163		-		561		78		1,313		438		4,688
2024		1,433		636 703		1,104		727		432		98		241		1,398		970		50		1,432		757		9,345
Total	\$	5,179	\$	4,111	\$	1,104	\$	2,007	\$	432	\$	193	\$	532	\$	1,398	\$	1,606	\$	134	\$	5,089	\$	1,589	\$	23,375

Note:

1. Accident years end 6/30.

Member Retained Loss & ALAE (\$000) - Alhambra (MRL = \$500,000) As of June 30, 2024

													A3 01 0	unc 50, 202															
																							CO	√ID-19				2	2.00%
											Excludes	COVID-19	Claims										CI	aims				Dis	scounted
							Ν	/lember	Ν	1ember							M	/lember	Me	ember	М	ember	Me	mber	N	/lember		M	1ember
		Gross		Gross			R	etained	R	etained	Membe	r Retained-t	to-Gross IBN	R Ratio		Gross	Re	tetained	Re	tained	Re	tained	Ret	tained	R	etained		R€	etained
		Paid	- 1	ncurred	F	uture		Paid	- In	ncurred	Implied	Implied			Los	s & ALAE	Loss	s & ALAE	UI	timate	U	npaid	Ur	npaid	ι	Jnpaid	2.00%	U	Jnpaid
Accident	Los	s & ALAE	Lo	ss & ALAE	Reco	overable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Loss	& ALAE	Loss	& ALAE	Loss	& ALAE	Los	s & ALAE	Discount	Loss	s & ALAE
Year		(Data)		(Data)	(N	ote 2)		(Data)		(Data)	_(4)/(1)	_(5) / (2)	(Note 3)	(Note 4)	(Ex.	EWCP-16)	(9	9) x (10)	(5) +	(11) - (3)	(1:	2) - (4)	(N	ote 6)	_(13	3) + (14)	Factor	(15	5) x (16)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)	(14)		(15)	(16)		(17)
2019	\$	1,294	\$	1,432	\$	-	\$	1,228	\$	1,366	0.949	0.954	0.876	0.876	\$	36	\$	32	\$	1,397	\$	169	\$	-	\$	169	0.883	\$	149
2020		1,279		1,580		-		1,277		1,578	0.998	0.999	0.867	0.867		78		67		1,645		368		-		368	0.890		328
2021		1,426		2,657		28		1,421		2,652	0.996	0.998	0.854	0.854		71		60		2,685		1,264		405		1,669	0.900		1,502
2022		1,039		1,760		20		1,039		1,760	1.000	1.000	0.853	0.853		217		185		1,925		886		-		886	0.907		804
2023		1,476		2,036		23		1,476		2,036	1.000	1.000	0.844	0.844		610		515		2,527		1,051		-		1,051	0.917		963
2024		550		1,081		30		550		1,081	1.000	1.000	0.835	0.835		1,257		1,049		2,100		1,550		-		1,550	0.925		1,433
Total	\$	7,065	\$	10,546	\$	101	\$	6,991	\$	10,472					\$	2,268	\$	1,908	\$	12,279	\$	5,288	\$	405	\$	5,693		\$	5,179

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Alhambra.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Azusa (MRL = \$250,000) As of June 30, 2024

		Gross		Gross				Member Retained		Member Retained		COVID-19		IR Ratio		Gross		lember etained		Member Retained		Member etained	C Me	VID-19 laims ember tained		Member Retained		Dis M	2.00% scounted lember etained
		Paid		ncurred	F	uture		Paid		ncurred	Implied	Implied			Los	s & ALAE				Jltimate		Jnpaid		npaid		Unpaid	2.00%	ι	Jnpaid
Accident	Los	s & ALAE	Lo	ss & ALAE	Reco	overable	Lo:	ss & ALAE	Los	ss & ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Los	ss & ALAE	Los	s & ALAE	Loss	& ALA	Ē Lo	oss & ALAE	Discount		s & ALAE
Year		(Data)	_	(Data)	(Note 2) (Data) (Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	EWCP-16	<i></i>		(5)	+ (11) - (3)	(1	12) - (4)		ote 6)	((13) + (14)	Factor	(1	5) x (16)			
		(1)		(2)	<u> </u>			(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)		(14)		(15)	(16)		(17)
2018 2019 2020 2021 2022	\$	903 1,308 628 1,341 1,670	\$	997 1,920 792 2,580 3,130	\$	8 - - 28 40	\$	903 1,306 574 1,341 1,483	\$	997 1,857 738 2,129 2,596	1.000 0.999 0.914 1.000 0.888	1.000 0.967 0.932 0.825 0.829	0.777 0.763 0.748 0.731 0.728	0.777 0.763 0.748 0.731 0.728	\$	36 164 49 65 297	\$	28 125 37 48 216	\$	1,017 1,982 775 2,149 2,771	\$	114 676 200 807 1,289	\$	-	Ť	5 114 676 200 807 1,289	0.877 0.883 0.890 0.900 0.907	\$	100 597 178 727 1,169
2023 2024		189 75		565 233		16 9		189 75		565 233	1.000 1.000	1.000 1.000	0.715 0.703	0.715 0.703		467 870		334 612		883 836		694 761		-		694 761	0.917 0.925		636 703
Total	\$	6,114	\$	10,218	\$	101	\$	5,871	\$	9,115					\$	1,948	\$	1,399	\$	10,412	\$	4,542	\$	-	\$	4,542		\$	4,111

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Azusa.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Fountain Valley (MRL = \$750,000) As of June 30, 2024

													710 01 0	unc 00, 202															
																							CO,	VID-19				2	2.00%
											Excludes	COVID-19	Claims										C	aims				Dis	counted
							М	lember	N	ember							Me	ember	Me	ember	M	ember	Me	ember		Member		M	ember
	G	Gross		Gross			Re	etained	R	etained	Membe	r Retained-t	to-Gross IBN	R Ratio	G	iross	Re	tained	Ref	tained	Re	etained	Re	tained	- 1	Retained		R	etained
		Paid	Ir	curred	Fu	uture		Paid	Ir	curred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	Ult	timate	U	npaid	Uı	npaid		Unpaid	2.00%	ι	Inpaid
Accident	Loss	& ALAE	Los	s & ALAE	Reco	verable	Loss	s & ALAE	Los	& ALAE	Paid	Incurred	Expected	Selected	- 1	BNR	18	BNR	Loss	& ALAE	Loss	& ALAE	Loss	& ALA	E Lo	ss & ALAE	Discount	Loss	& ALAE
Year])	Data)		(Data)	(No	Retained Paid			Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. E	WCP-16)	(9)	x (10)	(5) +	(11) - (3)	(1:	2) - (4)	(N	ote 6)		13) + (14)	Factor	(15	5) x (16)	
		(1)		(2)	ta) (Note			(4)		(5)	(6)	(7)	(8)	(9)		(10)	((11)	((12)		(13)	(14)		(15)	(16)		(17)
2024	\$	658	\$	1,194	\$	31	\$	658	\$	1,194	1.000	1.000	0.891	0.891	\$	774	\$	689	\$	1,852	\$	1,194	\$	-	\$	1,194	0.925	\$	1,104
Total	\$	658	\$	1,194	\$	31	\$	658	\$	1,194					\$	774	\$	689	\$	1,852	\$	1,194	\$	-	\$	1,194		\$	1,104

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Fountain Valley.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Hemet (MRL = \$250,000) As of June 30, 2024

							M	lember	N	Member	Excludes	COVID-19	Claims				M	lember	N	lember	M	ember	С	VID-19 laims ember	N	Member		Dis	2.00% counted lember
		Gross		Gross			R	etained	F	tetained	Membe	r Retained-t	o-Gross IBN	R Ratio	(Gross	Re	etained	R	etained	Re	tained	Re	tained	R	etained		Re	etained
		Paid	Ir	ncurred	Fı	uture		Paid	1	ncurred	Implied	Implied			Loss	& ALAE	Loss	s & ALAE	U	Itimate	U	npaid	U	npaid	ι	Jnpaid	2.00%	l	Inpaid
Accident	Los	s & ALAE	Los	s & ALAE	Reco	overable	Loss	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Los	s & ALAE	Loss	& ALAE	Loss	& ALAE	Los	s & ALAE	Discount	Loss	s & ALAE
Year	((Data)		(Data)	(No	ote 2)	((Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. E	WCP-16	(9) x (10)	(5) +	· (11) - (3)	(12	2) - (4)	(N	ote 6)	(13	3) + (14)	Factor	(15	5) x (16)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)		(14)		(15)	(16)		(17)
2021	\$	472	\$	835	\$	8	\$	472	\$	800	1.000	0.958	0.731	0.731	\$	33	\$	24	\$	816	\$	344	\$	138	\$	481	0.900	\$	433
2022		412		620		6		412		620	1.000	1.000	0.728	0.728		103		75		689		277		163		440	0.907		399
2023		336		498		7		336		498	1.000	1.000	0.715	0.715		467		334		825		488		-		488	0.917		447
2024		213		398		11		213		398	1.000	1.000	0.703	0.703		870		612		999		786		-		786	0.925		727
Total	\$	1,434	\$	2,351	\$	31	\$	1,434	\$	2,316					\$	1,472	\$	1,044	\$	3,329	\$	1,895	\$	301	\$	2,195		\$	2,007

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Hemet.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Hermosa Beach (MRL = \$500,000) As of June 30, 2024

													710 01 0	unc 00, 202															
																							COV	ID-19				2.0	00%
											Excludes	COVID-19	Claims										Cla	ims				Disc	ounted
							Me	mber	Me	ember							Me	ember	Me	mber	Ме	mber	Mer	nber	Me	ember		Me	mber
	G	ross		Gross			Ret	ained	Re	tained	Membe	r Retained-1	o-Gross IBN	R Ratio	G	ross	Ret	tained	Reta	ained	Ret	ained	Reta	ained	Re	tained		Ret	ained
	F	Paid	Ir	curred	Fu	ture	Р	aid	Ind	curred	Implied	Implied			Loss	& ALAE	Loss	& ALAE	Ulti	mate	Un	paid	Un	paid	U	npaid	2.00%	Ur	paid
Accident	Loss	& ALAE	Los	Incurred Future Paid loss & ALAE Recoverable Loss & ALAE Los			Loss	& ALAE	Paid	Incurred	Expected	Selected		BNR		BNR	Loss	& ALAE	Loss	& ALAE	Loss 8	& ALAE	Loss	& ALAE	Discount		& ALAE		
Year		oata)		(Data)	_		rable Loss & ALA 2) (Data)			Data)	(4) / (1)	(5) / (2)	(Note 3)		`	NCP-16)		x (10)	<u> </u>	<u>11) - (3</u>)	$\overline{}$) - (4)		te 6)) + (14)	Factor		x (16)
		(1)		(2)	(3)	(4)		(5)	(6)	(7)	(8)	(9)	(10)	((11)	(1	12)	(13)	(1	4)	((15)	(16)	(17)
2024	\$	60	\$	128	\$	4	\$	60	\$	128	1.000	1.000	0.835	0.835	\$	483	\$	404	\$	527	\$	467	\$	-	\$	467	0.925	\$	432
Total	\$	60	\$	128	\$	4	\$	60	\$	128					\$	483	\$	404	\$	527	\$	467	\$	-	\$	467		\$	432

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Hermosa Beach.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Lemon Grove (MRL = \$150,000) As of June 30, 2024

													710 01 0	unc 00, 202															
											Cyaludaa	COVID-19	Claima											VID-19 laims					.00% counted
										La carda a ca	Excludes	COVID-19	Ciaiiis				_	A l	14-										ember
								ember		lember								/lember		mber		ember		ember		Member			
	G	ross	(Gross			Re	etained	R	etained	Membe	r Retained-t	o-Gross IBN	R Ratio	G	ross	R	tetained	Ret	ained	Re	etained	Re	tained	-	Retained		Ref	tained
	P	Paid	In	curred	Fu	iture		Paid	Ir	curred	Implied	Implied			Loss	& ALAE	Los	s & ALAE	Ulti	mate	U	Inpaid	U	npaid		Unpaid	2.00%	Ur	npaid
Accident	Loss	& ALAE	Loss	& ALAE	Recov	verable	Loss	& ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	ll ll	BNR		IBNR	Loss	& ALAE	Loss	& ALAE	Loss	& ALAE	E Lo	ss & ALAE	Discount	Loss	& ALAE
Year	(0	Data)	(Data)	(No	te 2)	(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. E	WCP-16) (9	9) x (10)	(5) + (11) - (3)	(1:	2) - (4)	(N	ote 6)	(13) + (14)	Factor	(15)	x (16)
		(1)		(2)	((3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)	(12)		(13)		(14)		(15)	(16)		(17)
2021	\$	4	\$	4	\$	-	\$	4	\$	4	1.000	1.000	0.616	0.616	\$	3	\$	2	\$	5	\$	2	\$	_	\$	2	0.900	\$	2
2022		2		2		-		2		2	1.000	1.000	0.613	0.613		11		7		9		7		-		7	0.907		6
2023		8		63		2		8		63	1.000	1.000	0.598	0.598		72		43		104		96		-		96	0.917		88
2024		60		113		3		60		113	1.000	1.000	0.584	0.584		97		56		166		106		-		106	0.925		98
Total	\$	74	\$	181	\$	5	\$	74	\$	181					\$	183	\$	108	\$	284	\$	210	\$	-	\$	210		\$	193

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Lemon Grove.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Pacific Grove (MRL = \$150,000) As of June 30, 2024

													710 01 0	unc 00, 202															
											Evoludos	COVID-19	Claime											OVID-19 Claims					2.00% counted
								1ember		/lember	LACIDUES	COVID-19	Ciaiiis				N/	/lember	M	lember	M	1ember		lember		Member			ember
		Gross		Gross				etained		Retained	Membe	r Retained-t	o-Gross IBN	R Ratio	C	Gross		etained		etained		etained		etained		Retained			etained
		Paid	Ir	curred	Fu	iture		Paid	li	ncurred	Implied	Implied			Loss	& ALAE	Los	s & ALAE	U	Itimate	ι	Jnpaid	ι	Jnpaid		Unpaid	2.00%	U	Inpaid
Accident	Los	s & ALAE	Los	s & ALAE	Reco	verable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected	I	BNR		IBNR	Loss	s & ALAE	Loss	s & ALAE	Los	s & ALAI	ΕI	Loss & ALAE	Discount	Loss	& ALAE
Year		(Data)	(Data)	(No	ote 2)		(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. E	WCP-16) (9	9) x (10)	(5) +	· (11) - (3)	(1	2) - (4)	(I	Note 6)		(13) + (14)	Factor	(15	5) x (16)
		(1)		(2)	((3)		(4)		(5)	(6)	(7)	(8)	(9)				(11)		(12)		(13)		(14)		(15)	(16)		(17)
2021	\$	264	\$	336	\$	2	\$	264	\$	336	1.000	1.000	0.616	0.616	\$	8	\$	5	\$	339	\$	76	\$	-		\$ 76	0.900	\$	68
2022		88		133		1		88		133	1.000	1.000	0.613	0.613		34		21		153		65		-		65	0.907		59
2023		329		516		8		243		343	0.738	0.664	0.598	0.598		144		86		421		178		-		178	0.917		163
2024		563		821		15		466		572	0.827	0.696	0.584	0.584		290		169		727		261		-		261	0.925		241
Total	\$	1,243	\$	1,806	\$	25	\$	1,060	\$	1,384					\$	476	\$	281	\$	1,640	\$	580	\$	-		\$ 580		\$	532

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Pacific Grove.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - San Luis Obispo (MRL = \$500,000) As of June 30, 2024

													710 01 0	unc 00, 202															
																							COV	/ID-19				2	2.00%
											Excludes	COVID-19	Claims										Cla	aims				Dis	counted
							Me	ember	Me	ember							М	ember	М	ember	M	ember	Me	mber	N	Member		M	ember
	C	Pross		Gross			Re	tained	Re	tained	Membe	r Retained-t	o-Gross IBN	R Ratio	(Gross	Re	etained	Re	etained	Re	tained	Ret	ained	R	Retained		Re	etained
	1	Paid	li	ncurred	Fu	ıture	F	Paid	Ind	curred	Implied	Implied			Los	s & ALAE	Loss	& ALAE	U	ltimate	U	npaid	Un	paid	-	Unpaid	2.00%	U	Inpaid
Accident	Loss	& ALAE	Los	s & ALAE	Reco	ture Paid Incurred		& ALAE	Paid	Incurred	Expected	Selected		IBNR	- 1	BNR	Loss	& ALAE	Loss	& ALAE	Loss	& ALAE	Los	ss & ALAE	Discount	Loss	& ALAE		
Year	(I	Data)		(Data)	(Nc	ote 2)	e Loss & ALAE Loss])	Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(<u>Ex.</u> l	EWCP-16)	_(9) x (10)	(5) +	(11) - (3)	(1:	2) - (4)	(No	te 6)	(1	3) + (14)	Factor		5) x (16)
		(1)		(2)	((3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)	(14)		(15)	(16)		(17)
2024	\$	376	\$	781	\$	23	\$	376	\$	781	1.000	1.000	0.835	0.835	\$	1,354	\$	1,130	\$	1,888	\$	1,512	\$	-	\$	1,512	0.925	\$	1,398
Total	\$	376	\$	781	\$	23	\$	376	\$	781					\$	1,354	\$	1,130	\$	1,888	\$	1,512	\$	-	\$	1,512		\$	1,398

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to San Luis Obispo.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - Santa Clarita (MRL = \$250,000) As of June 30, 2024

											Excludes	COVID-19												VID-19 laims				Dis	2.00% counted
	c	iross	,	Gross				ember tained		ember etained	Mamba	r Potoinad t	to-Gross IBN	ID Datio		Gross		lember etained		lember etained		ember tained		ember tained		Member Retained			ember etained
		Paid		curred	Fu	uture		Paid		curred	Implied	Implied	.0-G1055 IDIV	IK Kalio		s & ALAE				Iltimate		npaid		npaid		Unpaid	2.00%		Inpaid
Accident	Loss	& ALAE	Loss	& ALAE	Reco	verable	Loss	& ALAE	Loss	& ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Loss	s & ALAE	Loss	& ALAE	Loss	& ALA	E Lo	oss & ALAE	Discount	Loss	& ALAE
Year	([Data)	_AE Loss & AL (Data)		(No	ote 2)	([Data)	(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex.	EWCP-16)	(9	9) x (10)	(5) +	· (11) - (3)	(1:	2) - (4)	(N	lote 6)	((13) + (14)	Factor	(15	5) x (16)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)		(14)		(15)	(16)		(17)
2022	\$	56	\$	56	\$	-	\$	56	\$	56	1.000	1.000	0.728	0.728	\$	114	\$	83	\$	139	\$	83	\$	-	\$	83	0.907	\$	75
2023		105		207		4		101		204	0.965	0.982	0.715	0.715		718		513		713		612		-		612	0.917		561
2024		30		61		2		30		61	1.000	1.000	0.703	0.703		1,450		1,020		1,079		1,049		-		1,049	0.925		970
Total	\$	191	\$	325	\$	6	\$	188	\$	321					\$	2,282	\$	1,616	\$	1,931	\$	1,744	\$	-	\$	1,744		\$	1,606

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Santa Clarita.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

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Member Retained Loss & ALAE (\$000) - Stanton (MRL = \$100,000) As of June 30, 2024

																							COV	/ID-19				2.	00%
											Excludes	COVID-19	Claims										Cla	aims				Disc	ounted
							Me	ember	M	ember							1	Member	Mer	mber	Ме	mber	Me	mber	M	lember		Me	ember
	G	iross	(Pross			Re	tained	R	etained	Membe	r Retained-	to-Gross IBN	R Ratio	G	iross	F	Retained	Reta	ained	Ret	ained	Reta	ained	Re	etained		Ref	tained
	F	Paid	In	Gross Incurred		ture		Paid	In	curred	Implied	Implied			Loss	& ALAE	Los	ss & ALAE	Ultir	mate	Un	paid	Un	paid	ι	Inpaid	2.00%	Ur	npaid
Accident	Loss	Paid Incurred Loss & ALAE Loss & ALAE		& ALAE	Recov	erable/	Loss	& ALAE	Los	& ALAE	Paid	Incurred	Expected	Selected	11	BNR		IBNR	Loss 8	& ALAE	Loss	& ALAE	Loss	& ALAE	Loss	s & ALAE	Discount	Loss	& ALAE
Year	([ss & ALAE Loss & ALA (Data) (Data)		Data)	(No	te 2)	1)	Data)	(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. E	WCP-16) (9) x (10)	(5) + (1)	11) - (3)	(12) - (4)	(No	te 6)	(13	3) + (14)	Factor	(15)	x (16)
'	(Data) (1)			(2)	(;	3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)	-	(11)	(1	12)	(13)	(14)		(15)	(16)	(17)
2021	\$	1	\$	1	\$	_	\$	1	\$	1	1.000	1.000	0.517	0.517	\$	3	\$	1	\$	3	\$	1	\$	_	\$	1	0.900	\$	1
2022	•	0	•	0	•	-	•	0	•	0	1.000	1.000	0.514	0.514	•	11	_	6	•	6	•	6	•	-	•	6	0.907	•	5
2023		25		77		2		25		77	1.000	1.000	0.499	0.499		72		36		111		85		-		85	0.917		78
2024		14		21		0		14		21	1.000	1.000	0.485	0.485		97		47		68		54		-		54	0.925		50
Total	\$	41	\$	100	\$	3	\$	41	\$	100					\$	183	\$	90	\$	187	\$	146	\$	_	\$	146		\$	134

Notes:

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to Stanton.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

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Member Retained Loss & ALAE (\$000) - West Covina (MRL = \$1,000,000) As of June 30, 2024

													710 01 0	unc 00, 202															
											Cyaludaa	COVID-19	Claima											VID-19 Claims					2.00% counted
								A la		4 b	Excludes	COVID-19	Ciaims					4	_	4 l						A l			lember
								/lember		/lember								1ember		/lember		lember		ember		/lember			
		Gross		Gross			R	tetained	R	etained	Membe	r Retained-t	o-Gross IBN	R Ratio	(Gross	R	etained	R	etained	Re	etained	Re	etained	R	etained		Re	etained
		Paid	- 1	ncurred	Fι	uture		Paid	li li	ncurred	Implied	Implied			Los	s & ALAE	Los	s & ALAE	U	Jltimate	L	Inpaid	U	Inpaid	ι	Jnpaid	2.00%	U	Inpaid
Accident	Los	s & ALAE	Los	s & ALAE	Reco	verable	Los	s & ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Los	s & ALAE	Loss	s & ALAE	Loss	& ALAE	Los	s & ALAE	Discount	Loss	s & ALAE
Year		(Data)		(Data)	(No	ote 2)		(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. I	EWCP-16) (9) x (10)	(5) +	+ (11) - (3)	(1	2) - (4)	(N	Note 6)	(13	3) + (14)	Factor	(15	5) x (16)
		(1)		(2)		(3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)		(14)		(15)	(16)		(17)
2021	\$	1,118	\$	2,164	\$	23	\$	1,117	\$	2,163	0.999	1.000	0.933	0.933	\$	63	\$	58	\$	2,198	\$	1,081	\$	13	\$	1,094	0.900	\$	985
2022		1,323		2,392		29		1,323		2,392	1.000	1.000	0.932	0.932		251		234		2,596		1,273		225		1,498	0.907		1,359
2023		1,687		2,661		40		1,686		2,659	0.999	0.999	0.927	0.927		538		499		3,118		1,432		-		1,432	0.917		1,313
2024		664		1,268		34		664		1,268	1.000	1.000	0.922	0.922		1,064		980		2,214		1,549		-		1,549	0.925		1,432
Total	\$	4,792	\$	8,484	\$	128	\$	4,790	\$	8,482					\$	1,916	\$	1,772	\$	10,126	\$	5,336	\$	238	\$	5,574		\$	5,089

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to West Covina.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

Member Retained Loss & ALAE (\$000) - West Hollywood (MRL = \$150,000) As of June 30, 2024

											Excludes	COVID-19	Claims											OVID-19 Claims						2.00% counted
				_				ember		1ember						_		Member		/lember		ember		lember		Member				ember
	(-	Gross	(Gross			R	etained	R	etained	Membe	r Retained-t	o-Gross IBN	R Ratio	(Gross	К	Retained	R	etained	Re	etained	R	etained	d	Retained	d		Re	etained
	1	Paid	In	curred	Fu	ture		Paid	li	ncurred	Implied	Implied			Loss	& ALAE	Los	s & ALAE	U	Jltimate	U	npaid	l	Jnpaid		Unpaid		2.00%	U	npaid
Accident	Loss	& ALAE	Loss	s & ALAE	Recov	verable	Loss	& ALAE	Los	s & ALAE	Paid	Incurred	Expected	Selected		IBNR		IBNR	Los	s & ALAE	Loss	& ALAE	Los	s & AL	ΑE	Loss & AL	ΑE	Discount	Loss	& ALAE
Year])	Data)	(Data)	(No	te 2)	(Data)		(Data)	(4) / (1)	(5) / (2)	(Note 3)	(Note 4)	(Ex. E	WCP-16) _(9	9) x (10)	(5) +	+ (11) - (3)	(1:	2) - (4)	(Note 6))	(13) + (14)	4) _	Factor	(15	i) x (16)
		(1)		(2)	((3)		(4)		(5)	(6)	(7)	(8)	(9)		(10)		(11)		(12)		(13)		(14)		(15)		(16)		(17)
2020	\$	77	\$	186	\$	-	\$	77	\$	186	1.000	1.000	0.636	0.636	\$	42	\$	27	\$	213	\$	135	\$		-	\$ 13	5	0.890	\$	121
2021		16		89		2		16		89	1.000	1.000	0.616	0.616		27		17		104		88			-	8	8	0.900		79
2022		323		513		5		323		479	1.000	0.935	0.613	0.613		103		63		537		214			-	21	4	0.907		194
2023		425		672		10		425		612	1.000	0.911	0.598	0.598		502		301		903		478			-	47	8	0.917		438
2024		100		309		12		100		309	1.000	1.000	0.584	0.584		1,064		621		919		818			-	81	8	0.925		757
Total	\$	941	\$	1,768	\$	29	\$	941	\$	1,675					\$	1,738	\$	1,028	\$	2,675	\$	1,734	\$		-	\$ 1,73	4		\$	1,589

- 1. Accident years end 6/30.
- 2. Future Other Recoverables from EWCP-14 allocated to West Hollywood.
- 3. Column (8) is based on historical CJPIA claim data.
- 4. Column (9) is based on columns (6) through (8).
- 5. MRL is member retained limit.
- 6. Column (14) is equal to the retained case reserves with the expectation that open claims will not develop upwards.

California Joint Powers Insurance Authority Excess Loss & ALAE Recoveries (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

									Exte	ernal Excess C	overa	age						Sequoia P	acific (SPRC) Co	verag	е			
							Loss	& ALAE			E	Excess		Excess			Lo	ss & ALAE	Percent	;	SPRC	SPRC		
	(Gross		Gross	(Gross	Case	Reserves			Red	coverable	Re	coverable			Ca	se Reserves	Unreported	Red	coverable	Recoverable		Future
	U	ltimate		Paid	Loss	s & ALAE	Ex	cess of	Specific	Excess	Or	n Unpaid	(On Paid	SPRC Retained	SPRC Laye	er	In SPRC	In SPRC	On	Unpaid	On Paid		Excess
Accident	Loss	s & ALAE	Los	s & ALAE	Re	eserves	Re	etention	Retention	Factor	Los	s & ALAE	Los	s & ALAE	Layer	Factor		Layer	Layer	Los	s & ALAE	Loss & ALAE	Re	ecoverable
Year	(Ex. l	EWCP-12)		(Data)	(1) - (2)	(Data)	_(Note 2)	(Ex. PWCP-25	5)(Note 4)	(Note 5)	(Note 2)	(Ex. PWCP-2	25)	(Data)	(Note 6)	(I	Note 7)	(Note 8)		(7) + (8)
		(1)		(2)		(3)		(4)	(5)	(6)		(7)		(8)	(9)	(10)		(11)	(12)		(13)	(14)		(15)
2018	¢	1,033	¢	903	\$	130	¢	_	\$ 2,000	0.018	\$	2	¢	_									\$	2
2019	φ		φ		φ	950	\$		2.000	0.018	φ		\$										φ	10
		3,552		2,602				-	,			19		-										19
2020		2,727		1,985		742		-	2,000	0.023		17		(15)	\$1Mxs\$1M, \$3M Ag	g 0.033	\$	-	46%	\$	41	\$ -		43
2021		8,939		4,642		4,297		-	2,000	0.026		111		-	\$1Mxs\$1M, \$3M Ag	g 0.036		-	50%		162	-		273
2022		9,748		4,913		4,834		-	2,000	0.026		127		-	\$1Mxs\$1M, \$3M Ag	g 0.037		-	55%		276	-		403
2023		10,883		4,580		6,303		-	2,000	0.029		181		-	\$1Mxs\$1M, \$3M Ag	g 0.039		-	60%		339	-		520
2024		16,077		3,365		12,712		-	2,000	0.031		397		-	\$1Mxs\$1M, \$3M Ag	g 0.041		-	72%		666	-		1,062
Total	\$	52,958	\$	22,990	\$	29,968	\$	-			\$	854	\$	(15)			\$	-		\$	1,485	\$ -	\$	2,324

- 1. Accident years end 6/30.
- 2. Exhibit 4 contains the complete retention history.
- 3. Excess factors based on historical CJPIA claim data.
- 4. Column (7) = $Min\{(3), Max[(4), (3) x (6)]\}$.
- 5. Column (8) is equal to the difference between paid loss & ALAE amounts above the retention on open claims, less excess recoveries from the CJPIA loss run.
- 6. Column (12) is from the 6/30/2024 Seguoia Pacific report.
- 7. Column (13) is a weighted average of the Expected method {(1) x (10)} and the Incurred BF method {(1) x (10) x (12) + (11)}.
- 8. Column (14) is equal to the difference between paid loss & ALAE amounts in SPRC layer on open claims, less excess recoveries from the CJPIA loss run.

Program Retained ULAE Reserves (\$000) (Includes All COVID-19 Claims) As of June 30, 2024

				ΙΙΙΔΕ	Pair	in Year							Reported	Ultimate	IBNR	Open		Gross		ogram etained
			(Coverage	. i aic	ill roal			Los	ss & ALAE	ULAE		LT Claim	LT Claim	LT Claim	LT Claim		s & ALAE		JLAE
Calendar	TPA	A Fees		Litigation	Α	dministratio	n	Total	Pa	id in Year	Ratio	Accident	Count	Count	Count	Count	F	Reserve	R	eserve
Year	([Data)		(Data)		(Data)	(1)	+ (2) + (3)		(Data)	(4) / (5)	Year	(Data)	(Ex. EWCP-2)	(7) - (8)	(Data)	(Ex.	EWCP-20)	(\	lote 3)
		(1)		(2)		(3)		(4)		(5)	(6)		(7)	(8)	(9)	(10)		(11)		(12)
2018	\$	81	\$		- \$	9	\$	90	\$	194	46.6%	2018	15	15	0	1	\$	130	\$	8
2019		164			-	20		184		1,006	18.3%	2019	47	47	0	9		950		59
2020		262			-	21		283		1,797	15.8%	2020	47	48	1	9		753		48
2021		283			-	22		305		2,535	12.0%	2021	128	130	2	44		5,494		344
2022		665			-	23		688		6,383	10.8%	2022	176	180	4	45		5,222		338
2023		737			-	69		806		6,294	12.8%	2023	93	104	11	42		6,303		457
2024		1,078			-	91		1,169		11,271	10.4%	2024	109	144	35	66		12,712		1,026
									PWC	P Selection	10.0%	Total	615	668	53	216	\$	31,564	\$	2,280
										Selected	12.0%									

Program Retained ULAE Reserve - By Member

Accident Year	 ambra (13)	 Azusa (14)	F	ountain Valley (15)	 Hemet (16)	lermosa Beach (17)	G	emon frove (18)	_ G	acific Grove (19)	_0	n Luis bispo (20)	 Santa Clarita (21)	anton (22)	West Covina (23)	Hol	West llywood (24)
2018	\$ _	\$ 8	\$	-	\$ -	\$ -	\$	_	\$	_	\$	_	\$ _	\$ _	\$ _	\$	-
2019	20	39		-	-	-		-		-		_	-	-	-		-
2020	21	16		-	-	-		-		-		_	-	-	_		11
2021	141	94		-	39	-		-		16		-	-	-	55		-
2022	68	98		-	30	-		-		8		_	-	-	113		23
2023	152	54		-	33	-		-		33		-	22	-	131		33
2024	155	31		264	62	47		16		78		109	-	16	187		62
	\$ 557	\$ 340	\$	264	\$ 164	\$ 47	\$	16	\$	134	\$	109	\$ 22	\$ 16	\$ 485	\$	128

- 1. Calendar and Accident years end 6/30.
- 2. LT is lost time.
- 3. Column (12) = $12.0\% \times (11) \times [(9) + 50\% \times (10)] / [(9) + (10)]$.
- 4. Columns (13) through (20) are amounts in column (12) allocated by open LT claims to-date.

Retained Reserve (\$000) (Includes All COVID-19 Claims) As of June 30, 2024

Accident Year	Los	Gross Ultimate ss & ALAE EWCP-12) (1)	Gross Paid ss & ALAE (Data) (2)	F	Gross ss & ALAE Reserve (1) - (2) (3)	Diff Rece and	ion 4850 erential overable d Credit WCP-13)	Reco (Ex. E	outure Other overable EWCP-14)	Red	Future Excess coverable EWCP-18)	R Los	ss of MRL) etained s & ALAE Reserve (4)-(5)-(6) (7)	F Los	Member Retained Unpaid ss & ALAE EWCP-17)	Re Loss Re	rogram etained s & ALAE eserve - (8) + (4)	R R	rogram etained ULAE eserve EWCP-19) (10)	Undi Re Los Re (9)	scounted etained es & LAE eserve (11)	2.00% Discount Factor (12)	Dis R Los R	counted etained es & LAE eserve 1) x (12) (13)	•
2018	\$	1,033	\$ 903	\$	130	\$	-	\$	8	\$	2	\$	120	\$	114	\$	6	\$	8	\$	14	0.827	\$	12	
2019		3,552	2,602		950		1		-		19		930		845		85		59		144	0.827		119	
2020		2,972	2,219		753		4		-		43		705		704		6		48		53	0.838		45	
2021		10,959	5,465		5,494		119		90		273		5,012		4,219		913		344		1,256	0.842		1,058	
2022		10,765	5,543		5,222		87		102		403		4,630		4,488		228		338		566	0.846		479	
2023		10,883	4,580		6,303		151		113		520		5,519		5,114		555		457		1,013	0.846		857	
2024		16,077	3,365		12,712		677		174		1,062		10,799		10,106		1,370		1,026		2,396	0.830		1,989	
Total	\$	56,241	\$ 24,677	\$	31,564	\$	1,039	\$	487	\$	2,324	\$	27,714	\$	25,591	\$	3,163	\$	2,280	\$	5,443	0.838	\$	4,559	

- 1. Accident years end 6/30.
- 2. MRL is member retained limit.
- 3. There is no EWCP ULAE retained by CJPIA.
- 4. Accident years 2020 through 2022 include COVID-19 claim amounts from Exhibit EWCP-21 COVID.

Retained Ultimate Loss & ALAE (\$000) (Excludes AY 2020-22 COVID-19 Claims) As of June 30, 2024

Selected

Prior

																					•	Joiootoa				1 1101		
											(Gro	ss of MRL)	(Gro	ss of MRL)	(Gro	ss of MRL)	N	Member	Λ	/lember	l	Ultimate		Program	Р	rogram		
		Gross		Gross		Paid					R	etained	F	Retained	R	etained	F	Retained	R	tetained	Se	ction 4850		Retained	R	etained		
	- 1	ncurred		Paid	Sec	tion 4850	(Other	Ex	cess		Paid	Los	s & ALAE	ι	Iltimate		Paid	Į	Unpaid	D	ifferential		Ultimate	ι	Iltimate		
Accident	Los	ss & ALAE	Los	s & ALAE	Dif	fferential	Red	coveries	Rec	overies	Los	s & ALAE	F	Reserve	Los	s & ALAE	Los	ss & ALAE	Los	s & ALAE	E	Benefits	L	oss & ALAE	Los	s & ALAE	(Change
Year		(Data)		(Data)		(Data)	(Data)	([Data)	(2)-	(3)-(4)-(5)	(Ex.	EWCP-20)	(6) + (7)		(Data)	(Ex.	EWCP-17)	(Ex.	EWCP-13)	(8)-(9)-(10)+(11)	(Note 2)	(3) - (13)
		(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)		(13)		(14)
2018	\$	997	\$	903	\$	-	\$	_	\$	_	\$	903	\$	120	\$	1,023	\$	903	\$	114	\$	-	\$	6	\$	7	\$	(1)
2019		3,352		2,602		223		68		-		2,311		930		3,240		2,534		845		224		85		56		30
2020		2,558		1,985		186		41		15		1,743		695		2,437		1,929		704		191		(5)		20		(25)
2021		8,667		4,642		433		7		-		4,202		3,814		8,016		4,635		3,663		552		270		42		229
2022		8,607		4,913		557		4		-		4,353		4,246		8,599		4,726		4,101		640		412		512		(99)
2023		7,294		4,580		459		5		-		4,115		5,519		9,634		4,489		5,114		610		642		804		(162)
2024		6,407		3,365		345		-		-		3,020		10,799		13,819		3,267		10,106		1,021		1,467				
Total	\$	37.882	\$	22.990	\$	2.204	\$	124	\$	15	\$	20.647	\$	26.123	\$	46.769	\$	22.483	\$	24.648	\$	3.239	\$	2.878	\$	1.440	\$	(29)

- 1. Accident years end 6/30.
- 2. Column (13) is from Milliman's prior report dated 10/23/23.
- 3. MRL is member retained limit.

Retained Ultimate Loss & ALAE (\$000) (COVID-19 Claims Only) As of June 30, 2022

										,	13 0	n dunc do, z	.022													
																							Se	elected		
	Total	Total											(Gro	oss of MRL)	(Gr	ross of MRL)	(Gro	ss of MRL)	N	lember	Me	ember	UI	timate	Р	rogram
	Reported	Open		Gross	(Gross		Paid					F	Retained		Retained	R	etained	R	etained	Re	tained	Sect	ion 4850	R	etained
	Claim	Claim	li	ncurred		Paid	Sec	ction 4850		Other		Excess		Paid	Lc	oss & ALAE	L	Iltimate		Paid	Uı	npaid	Diff	erential	ι	Iltimate
Accident	Count	Count	Los	s & ALAE	Loss	& ALAE	Di	ifferential	Re	ecoveries	F	Recoveries	Los	ss & ALAE		Reserve	Los	s & ALAE	Los	s & ALAE	Loss	& ALAE	В	enefits	Los	s & ALAE
Year	(Data)	(Data)		(Data)	(Data)		(Data)		(Data)		(Data)	(4) -	(5) - (6) - (7	')	(Note 2)	(8) + (9)	(Data)	Colu	umn (9)	(N	lote 2)	(10)-(1	1)-(12)+(13)
	(1)	(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)	((12)		(13)		(14)
2020	32	1	\$	245	\$	235	\$	16	\$	_	\$	-	\$	218	\$	10	\$	229	\$	208	\$	-	\$	16	\$	37
2021	315	6		2,021		823		63		-		-		760		1,198		1,957		737		555		63		728
2022	189	6		1,017		630		96		-		-		533		384		917		630		388		100		-
Total	536	13	\$	3,283	\$	1,687	\$	176	\$	_	\$		\$	1,511	\$	1,592	\$	3,103	\$	1,575	\$	943	\$	180	\$	765

- 1. Accident years end 6/30.
- 2. Columns (9), (12) and (14) are equal to the retained case reserves with the expectation that open claims will not materially develop upwards and that there is not a material amount of unreported claims as of June 30, 2024.

Reconciliation to Loss Data As of June 30, 2024

	tem	Milliman Exhibit	Value	CJPIA Loss Run Field	Value
(1) Gross Paid Loss & ALAE	a. Excluding COVID-19 claimsb. COVID-19 claimsc. Total (a+b)	Ex. EWCP-21, Col. (2) Ex. EWCP-21 COVID, Col. (4)	\$22,989,631 a. 1,687,093 b. \$24,676,724 c. d.	Gross Paid to Date 4850 Diff (Voucher) Missing Claims Adjustment (Note 3) Adjusted (a+b+c)	\$22,282,351 2,371,987 22,386 \$24,676,724
(2) Paid Section 4850 Differential	a. Excluding COVID-19 claimsb. COVID-19 claimsc. Total (a+b)	Ex. EWCP-21, Col. (3) Ex. EWCP-21 COVID, Col. (5)	\$2,203,928 175,875 \$2,379,804	(Note 2)	\$2,379,804
(3) Other Recoveries	a. Excluding COVID-19 claimsb. COVID-19 claimsc. Total (a+b)	Ex. EWCP-21, Col. (4) Ex. EWCP-21 COVID, Col. (6)	\$124,093 0 \$124,093	-Other Recoveries	\$124,093
(4) Excess Recoveries	a. Excluding COVID-19 claimsb. COVID-19 claimsc. Total (a+b)	Ex. EWCP-21, Col. (5) Ex. EWCP-21 COVID, Col. (7)	\$15,000 0 \$15,000	-Excess Recoveries	\$15,000
(5) Loss & ALAE Case Reserves			a. b. c.	Total Reserves Missing Claims Adjustment (Note 3) Adjusted (a+b)	\$16,271,166 216,577 \$16,487,743
(6) Gross Incurred Loss & ALAE	a. Excluding COVID-19 claimsb. COVID-19 claimsc. Total (a+b)	Ex. EWCP-21, Col. (1) Ex. EWCP-21 COVID, Col. (3)	\$37,881,663 3,282,803 \$41,164,467	(1) + (5)	\$41,164,467

- 1. CJPIA Loss Run values are from "6 EWCP Loss Run 20240630.xlsx" provided to Milliman on July 22, 2024.
- 2. For CJPIA data, Line (2) is equal to the sum of fields [4850 Diff (Voucher)] and [4850 Diff (Check)].
- 3. Includes 4A21093A53F0001 and 4A22010X91P0001, which were missing from the provided loss run.

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Paul Zeglovitch, Claims and Insurance Director

Date: November 20, 2024

Subject: Liability Claims Handling Audit

Each year the Authority engages the services of an independent auditor to review and grade the level of service our third-party liability claims administrator is providing. For the past twelve years we have utilized Independent Consulting and Risk Management Services (ICRMS) to fill this role. ICRMS provides a detailed analysis of not only the quality of the claims handling but also completes an overview of the program as a whole and provides recommendations to facilitate improvement. This year's audit took place from September 28 to October 4, 2024. The audit report is attached.

We are pleased to advise that Carl Warren & Company obtained an overall score of 97% on this year's audit. CWC has consistently achieved scores in the 90% range for several years and ICRMS continues to be very complimentary of the fine work they do on our behalf. Mark Nestor, President of ICRMS, will be present to provide a brief presentation on the audit result and field any questions the committee may have.

Recommended Action

Receive and file



CASUALTY CLAIMS AUDIT REPORT

Organization: California Joint Powers Insurance Authority

Review Dates: September 28, 2024 – October 4, 2024

Audit Team: Mark Nestor, President – Report Manager and Interviewer

Jill Lewis, Vice President – File Coordinator and Report Manager

Robert Sullivan – Sr. Claims Consultant and File Auditor

Date of Report: November 6, 2024

Scope and Methodology of the Audit:

On behalf of the California Joint Powers Insurance Authority (JPIA), ICRMS conducted its annual claims audit and file review of 74 open and 26 closed casualty claims. Of the 100 files, 19 were re-examined from the prior year's audits for continuity in file handling and 20 excess pool claims were reviewed. An audit file worksheet of each file audited has been provided to the JPIA in electronic format.

All data requests and information needs were responded to by Carl Warren Company (CWC) or JPIA. No disagreements or non-compliance of requests occurred during the engagement. The JPIA Liability Manager, Carl Warren Account Manager and claims staff were cooperative to our questions and audit procedure requests. All requested files to be audited were produced.

ICRMS was provided a detailed claim listing of files and from that list we randomly selected the files to be reviewed. The summary of our selections by LOB is as follows:

Casualty	
Line of Business	
LPD	25
ABI	9
LBI	39
LPI	16
LEP	9
APD	2
Total files reviewed	100

In addition to the individual file reviews, general discussions were conducted with the following:

Name	Position
Paul Zeglovitch	JPIA Liability Program Manager
Chris Kustra	CWC Account Claims Manager

Operational questions were asked and discussed with the JPIA liability manager and CWC account manager as it respects claims servicing activities on behalf of the JPIA. Our audit observations and comments are contained within our Findings, Considerations and Recommendations(s) (FCR). Said FCR are based on the collaborative comments and evaluations of the ICRMS Audit Team.

During the claims audit and review we continued to observe the following:

- JPIA claims management processes
- Generally accepted claims work practices
- JPIA claims performance guidelines and procedures
- Operational claims reference materials
- CWC claim files and JW Software claim system

These items are commented on within the report.

Documents reviewed during the 2024 claims audit can be found in *Addendum One*.

Summary of General Findings and Comments for the Casualty Program:

Based upon our review and analysis during the claims audit, the following general findings and comments are provided:

- As mentioned in previous audits over the past 5 years, the JPIA CWC team continues to demonstrate very good to excellent municipal claims handling services for the Authority with their claims adjusting staff. One new claim adjuster was added to the JPIA / CWC claims team in 2024 due to an adjuster voluntarily leaving the team.
- 2. The total new submitted liability claims count for the JPIA was 2,218 in 2019, 1,717 in 2020, 1,943 in 2021, 2,035 in 2022, 3,404 in 2023 with 1,840 claims submitted for the first 9 months of 2024. CWC adjusters work via a hybrid office policy with time in the office and working from home remotely on their claim files.
- 3. The total JPIA open liability claims counts handled by CWC as of 9/30/2024 is 1,840. Claim counts continue to gradually rise with the membership in both the primary and excess program
- 4. The overall JPIA membership has remained stable in the past year except for a few new members in the excess liability program. Based on our file review of 100 casualty files we found minimal exceptions to claims handling procedures for the JPIA casualty claim unit.
- 5. The three casualty supervisors' open claims caseloads as of 1/1/2024 to 9/30/2024 have ranged from a low of 49 to a high of 80 files vs. a low of 64 and a high of 88 in 2023. The assigned adjusters average open caseloads ranged from 52 to 243 claims as of 9/30/2024 vs a low of 79 and a high of 153 in 2023. Overall open / pending case counts continue to rise in both 2023 and 2024 as compared to the COVID time frames of 2020 and 2021.
- 6. The 2023 ICRMS audit report was reviewed with the CJPIA Liability Manager for comments and past year activities regarding the audit.
- 7. The overall revised composite percentage ranking of 11 major categories with 53 specific ranking evaluation criteria for CWC was 98.7% in 2019, 95.4% in 2020, 96.6% in 2021, 98.2% in 2022, 98% in 2023 and 97% in 2024. This shows that a 100% dedicated, highly skilled / motivated team can deliver consistent high claim servicing levels to a pool.

Casualty File Activity Analysis Findings, Considerations and Recommendations

The following Findings, Comments, and Recommendations apply to the primary casualty and excess programs (unless noted elsewhere).

The following FCR's are provided per the following categories:

- Staffing
- Reporting Procedures
- Litigation Management
- File Service Activity
- Management
- Technology
- Reserving Practices

STAFFING

Findings

- 1. As in past years, the current CWC FTE count on the JPIA program remained at 12 staff which are 100% dedicated to JPIA file assignments. A new adjuster was hired (as a replacement for a departed adjuster) and now has a full case load after orientation and training on the CJPIA account. Claim counts for the primary and excess liability programs during the past 3.5 years have increased since the 2020/21 year. The open pending file counts of the entire CWC team have gradually increased with over 1,075 open claims being handled by the CWC staff as of 9/30/24.
- 2. The Account Manager's file count was noted to be at or below 10 for his current open / pending file counts.
- 3. Current 9 month average open/pending claims counts for the CWC unit in 2024 was slightly lower than the same time frame for 2023.1,159 vs 1,121 open / pending claims in 2022 for a 7-month time period. Claim counts by adjuster for 2024 are shown in *Addendum Two*.
- 4. Three CWC staff are eligible to retire in the next 12-24 months and succession planning discussions should be undertaken. CWC has already begun to train a potential new supervisor in the event of a vacancy in that position.

2024 ICRMS Audit

Considerations

Planned retirements of select CWC staff should be discussed well in advance with management to allow CWC ample time to hire or promote within for positions as they become vacant. Also, the supervisor training process should be expedited with a formal checklist developed to help any new supervisor have guidelines associated with their responsibilities in print.

Carried forward from 2023.

Recommendations

None

REPORTING PROCEDURES

Findings

- 1. JPIA went live in the third quarter of 2023 with the revised JW Software claims system with CWC as a user on the system. JPIA has now operated on the revised JW Software for 15 months and has control and access of its own claims data within the JW software system. This allows JPIA to develop additional reports that may be in the best interest of JPIA.
- 2. During the 2024 audit of 100 files, it was noted that 22 files had a delayed reporting time from date of occurrence to the reporting date and during the 2023 audit, it was noted that 28 files had a delayed reporting time frame of 45 days or longer from the alleged date of occurrence to the date reported to the JPIA / CWC. Delayed reporting time frames make initial file evaluations more difficult especially with premise liability claims where the site description may change. Many claims are presented via the first notice of a claim by a summons and compliant which initiates a litigated file activity. Members should be encouraged to report incidents and claims if they have knowledge of an activity that may lead to a claim.

2024 Audit Files Late Claim Reporting

Claim	Date of Loss	Date Reported	Lag Days
3051651	12/18/20	5/24/24	>365
3051563	12/1/21	5/6/24	>365
3048932	1/23/23	7/17/23	>150
3020141	3/10/21	9/8/22	>150
3037396-2	2/13/22	8/12/22	>150
3034289	1/3/22	6/28/22	>120
3038278	3/11/22	9/12/22	>150
3046585	11/9/22	5/9/23	>150
3050759	3/31/23	2/12/24	>330
3050857	5/1/22	2/22/24	>240
3050259	7/13/21	12/5/23	>365
3005469	4/4/20	10/1/20	>150
3047441	1/1/23	5/31/23	>120
3037472	12/11/21	8/15/22	>150
3049992	5/22/23	10/20/23	>90
2004038	5/20/19	10/31/19	>120
3004194	8/25/20	8/17/21	>330
2005657	7/28/16	12/30/19	>365
3019402	11/20/20	8/11/21	>210
3025736	8/16/19	10/8/21	>365
3031347	8/29/20	3/23/22	>365
1999296	5/17/19	9/11/19	>90

In many cases the first notice of loss or notice of a claim is a lawsuit filed on the member. Of the 300 files audited in the past 3 years, 24% of claim files were reported beyond 45 days from the date of

the event and when reported to the member or CWC. Late reported claim notices make it more difficult to evaluate and gather initial file notes pertinent to the claim. When claim notices are filed beyond 90 days from the date of the alleged event, the site picture may have changed, witnesses may not be as accurate and other detail important to the case may be harder to find

As with previous reports, listed below is an updated claims aging report comparing open claims (that occurred between 1978 and 2024) by calendar year as reported on 9/30/2024. As previously mentioned by ICRMS, it is industry knowledge that the longer an older claim is carried on the books, a long-term expense is accrued with the handling of the claim (especially litigated files). In the past 12 months, 374 primary claims were closed as compared to the previous 12 months with 225 closed claims from the years 1978 thru 2022 (very good results) on the Liability Program. It is expected that due to the nature, type and litigated status of many excess claims, the closing ratio for excess claims will be at a slower rate than the closing ratio of the primary program.

JPIA OPEN CLAIMS AGING REPORT (AS OF 9/1/2024) for PRIMARY LIABILITY PROGRAM								
Year of Event (As Of)	9/17	9/18	9/19	9/20	8/21	9/22	8/23	9/30/24
1978	1	1	1	0	3	0	0	0
1997	2	2	1	1	1	1	1	1
2004	1	1	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0
2006	1	1	0	0	0	0	0	0
2007/8	6	6	6	0	2	2	1	0
2010	19	5	3	0	1	1	1	1
2011	2	2	0	1	0	0	0	0
2012	5	5	1	2	0	0	0	0
2013	33	12	6	1	1	0	0	0
2014	97	47	28	8	5	0	0	1
2015	171	83	42	17	9	7	3	3
2016	714	186	82	31	18	8	3	3
2017	NA	175	144	62	42	8	12	1
2018	NA	Est. 650	462	122	82	16	15	0
2019	NA	NA	185	314	161	54	39	23
2020	NA	NA	NA	114	442	117	66	71
2021	NA	NA	NA	NA	64	228	118	90
2022	NA	NA	NA	NA	NA	500	300	156
2023	NA	NA	NA	NA	NA	NA	45	312
2024	NA	NA	NA	NA	NA	NA	NA	Green Claims
Total	1053	1176	961	673	831	942	604	662

From the primary open chart above, open claims closed with dates of occurrence between 2016 through 2022, amounted to 211 claims out of 559 open claims being resolved with a closing ratio of 38%.

JPIA OPEN CLAIMS AGING REPORT (AS OF) EXCESS REPORT							
Year of Event	Open Claims as of 8/1/23	Open Claims as of 9/30/2024					
2016	1	0					
2017	0	2					
2018	11	5					
2019	18	8					
2020	49	21					
2021	76	37					
2022	169	71					
2023	45	99					
2024 YTD	0	47					
Total 368 290							

From the excess open chart above, open claims closed with dates of occurrence between 2016 through 2022, amounted to 181 claims out of 324 open claims being resolved with a closing ratio of 56% (which is a favorable closing ratio for large SIR claims).

The number of claims in litigated status does impact the closing ratio as litigated claims normally have a longer open duration period than non-litigated claims. CJPIA normally averages around +50% of all claims filed in a litigated status.

3. During the audit ICRMS made data requests of prior calendar years from the JW Software system regarding adjusters pending/open/closed claims counts by month – it was determined that specific reports of older data can be requested from JW Software for an additional programming fee.

2023 ICRMS Audit

Considerations

New reports on a monthly / quarterly basis should be generated within the JW Claims software system when the claim file conversion is completed to allow the Liability Program Manager greater access to view claims data handling activities by CWC claims staff. This should include diary management reports, specific auto reserve threshold increases, litigation management activities, end of fiscal year management reports for files with no updated file notes, reserve changes undertaken or evaluated, plans of action updated or other key management reports.

Carried forward from 2022 as JW system is being finalized and former and/or new reports are currently under development.

Completed

Recommendations

An annual reminder should be sent to all primary and excess JPIA members of timely reporting of incident or claims to the Pool when the member has knowledge of an incident / event or claim.

Carried forward from 2022 and 2023 to 2024.

2024 ICRMS Audit

Considerations

Common requested JW software operational reports from auditors should be identified and saved by CWC and JPIA staff at the end of each calendar year to avoid paying additional programming fees by the software vendor.

Recommendations

An annual reminder should be sent to all primary and excess JPIA members of timely reporting of incident or claims to the Pool when the member has knowledge of an incident / event or claim.

Carried forward from 2022 and 2023.

LITIGATION MANAGEMENT

Of the 100 files examined 83 files (83%) were assigned to counsel for litigation defense. These files provided the following lines of insurance coverages to the members:

- General Liability
- Public Officials E&O
- Law Enforcement
- Auto Liability
- 1. Litigation management plans, budgets or file updating were noted to be late or missing per protocols timing of 90 days on files: 3008533, 3029806, 3051651, 3039156, 3050259,3005469, 30210137, 3050678,3037472, 2004863, 3012100 3004194, 3012600,2005657,3025736, 3012466,1986235, 3028993,3031197, 3012208,1998006,3047441 and 3026439. This is a higher rate of non-compliance to litigation management protocols than in past audits.
- 2. 8 files were late with defense counsel assignments on files: 3043566, 3011323, 3031197, 3051651, 3048932, 3050259, 3050678 and 1986235

Specific file handling ranking activities included the following:

- Pre-Litigation Form was completed on a timely basis 97% compliance in both 2023 and 2024.
- Account manager reviewed within 5 days 100% compliance in 2024 up from 99% in 2023.
- Litigation management plan documented **99%** compliance in 2024 down from. **100%** in 2023.
- Assignments to Defense Counsel done within 4 days on a timely basis **87%** compliance in 2024 down from **96%** in 2023.
- Defense counsel status reports attached to file 99% compliance in 2024 down from 100% in 2023.
- Were legal invoices paid without a budget was adhered to 99% compliance in both 2023 and 2024.

- Litigation management plans updated every 90 days 74% compliance in 2024 down from 75% in 2023.
- Defense billings were reviewed as per the Lit Budgets 99% compliance in 2024 down from 100% in 2023.

2023 ICRMS Audit

Considerations

Undertake an analysis of all open litigated cases by major claim type and by assigned adjuster to
evaluate the total litigated case count of each person, the potential time constraints on managing the
litigated files and evaluate which files may be a candidate for transfer to an adjuster for workflow
balance.

Carried forward from 2020, 2021, 2022 and 2023.

NOTE: Management informed ICRMS that a review / study has been evaluated on litigated cases but not released at the time the audit was undertaken

2. As the JW claim reports are developed, one diary specific to litigation budgets timelines should be developed for review by management every 90 days.

Completed

Recommendations

Once the standard claim operational reports are finalized within the JW software system, additional reports relating to annual (end of fiscal year) "Claim File Cycle Report" of all open / pending claim files older than 24 months should be evaluated to identify "Old Dog" files showing the claim file specifics including the date of the occurrence, report date to the JPIA and total days open for potential use in establishing Plans of Action on older files.

Carried forward to 2024

2024 ICRMS Audit

Considerations

Undertake an analysis of all open litigated cases by major claim type and by assigned adjuster to evaluate the total litigated case count of each person, the potential time constraints on managing the litigated files and evaluate which files may be a candidate for transfer to an adjuster for workflow balance.

Carried forward from 2020, 2021, 2022 and 2023.

NOTE: Management informed ICRMS that a review / study has been evaluated on litigated cases but not released at the time the audit was undertaken

Recommendations

1. Once the standard claim operational reports are finalized within the JW software system, additional reports relating to annual (end of fiscal year) "Claim File Cycle Report" of all open / pending claim files older than 24 months should be evaluated to identify "Old Dog" files showing the claim file

specifics including the date of the occurrence, report date to the JPIA and total days open for potential use in establishing Plans of Action on older files.

Carried forward to 2024

2. Litigation management plans, budgets, assignments to defense counsel and file updating should be adhered to the prescribed timelines regarding review protocols and documented accordingly.

FILE SERVICE ACTIVITY

Findings

- 1. The CWC unit average closing ratio was 98% in 2019, 132% in 2020, 96% in 2021, 107% in 2022 and 99.7% in 2023 and 91.5% YTD in 2024. This information along with average open/pending caseloads per adjuster may be found in *Addendum Two*. The average CWC unit closing ratio for the past 6 years has been 104% which is very good for municipal related claim files.
- 2. Good protocols for general claims handling protocols (outside of late litigation management activities) with good file resolutions (settlements and negotiations) were observed in the following files: 3027275, 3025736, 3031891, 3020518, 3029208, 3012208, 3010439, 3050994 and 3034249.
- 3. Overall, very good file handling was noted on the closing of files as only one file was noted to be open beyond 30 days after the file should have been closed due to late attorney invoices.
- 4. CMS Section 111 reporting appears to be in order with no noted issues.

ICRMS file auditing process is based on a blend of "Industry Best Practices" and "Insurance Auditing Practices". The various categories below attempt to concisely evaluate appropriate claims handling business practices in the three categories of:

- 1. Needs attention
- 2. Meets business requirements
- 3. Not applicable

Both litigated and non-litigated files (for all lines of coverage provided by the JPIA) were reviewed with the following consolidated results (excluding Litigation and Reserving which are separate within the report) per the criteria found within the JPIA / CWC Performance Guidelines:

- <u>Account Management</u> –This item showed 100% compliance in 2024 and 2023 regarding any reserve being in excess of \$750K having Manager review.
- <u>Claim File Management</u> These 7 evaluated categories showed 97% compliance in 2024 down from 98% in 2023 involving timelines for the opening of a claim, reserving, diary review, and documentation regarding file notes and adjuster reports.
- <u>Supervision</u> These 2 categories showed **95**% compliance in 2024 down from **99**% in 2023 with the evaluation of documentation regarding direction and payment approval by the supervisor.
- <u>Investigation Process</u> These 9 evaluated categories showed **100**% compliance in 2024 up from **97**% in 2023 regarding contact and interviews with claimant, member, and any witnesses. Documentation of investigation, inspection of property damage and recommendation(s).
- <u>Liability Evaluation</u> These 4 evaluated categories showed 100% compliance in 2024 and 2023 regarding liability analysis, identification of potential tort feasors, information being gathered and preserved, and any experts being retained.

- <u>Causation and Damages</u> These 4 evaluated categories showed 100% compliance in 2024 up from 99% in 2023 regarding verification of damages, documentation of alternate causes of injury/damage, scope and proximate cause as well as obtaining medical authorizations.
- Evaluation / Settlement These 6 evaluated categories showed 84% compliance in 2024 down from 93% in 2023 regarding documentation of settlement authority (written authority by Program Manager if in excess of \$50K), and timelines regarding settlement checks, check mailing upon receipt of release, offer to compromise and the closing of a claim.
- <u>Subrogation</u> 2022 regarding the identification of subrogation and recovery being recognized and pursued.
- <u>Reporting</u> These 4 evaluated categories showed 95% compliance in 2024 down from 99% in 2023 regarding reinsurer notification, Medicare eligibility and notification to the Authority upon resolved litigation.

General Claims Handling Observations:

Again, it is observed and noted that there continues to be excellent communication between CWC staff, member contacts, defense counsel, reinsurers and CJPIA staff. As in previous audits, the CWC staff continues to remain very attentive and engaged with their assigned files and the communication process with the CJPIA Liability Program Manager as documented within the files.

Listed as *Addendum Three* to this report is a chart of causation of claims by line of liability coverages of the 100 claim files reviewed by ICRMS. While the claim audit concentrates on claim file activities of the adjusters and adherence to claim handling procedures, protocols, reserve practices and file outcomes, it is noticed that claim counts are rising and CWC staff have commented on the frequency of select type of liability claims that are handled by CWC. It is suggested that a causation review be undertaken to determine the top 10 to 25 claim types and incurred values (of both open and closed claims) by the major lines of Liability coverages as coded by LPD / ABI / LBI / LPI / LEP and APD per the past two fiscal years. Once the claim causation information has been determined and matched to the coverage codes, the CJPIA should evaluate the correlation between loss control / risk management / education-training and field evaluation services to the claim types to see if risk management services are having a potential impact on reduction of losses. This can be a useful process to help determine allocation of risk management training priorities for future fiscal or calendar year time frames. It is suggested to go back only 2 fiscal years due to the restriction of activities with municipal activities due to COVID-19 restrictions. Also, it may be valuable to corelate premium contributions by major liability losses to evaluate the actual loss trends to claims values and the annual actuarial reports.

2023 ICRMS Audit

Recommendations

1. Diary protocols (per the Performance Standards "A" Claim File Management) should be adhered to for 90-day review of open files by adjusters.

Carried forward from 2022.

Completed in 2024

2. Excess liability members loss histories should be monitored as it relates to their SIR levels to determine the most favorable retention level to both the JPIA and member on an annual basis.

Carried over to 2024

2024 ICRMS Audit

Considerations

ICRMS suggests that CJPIA conduct a formal liability claim causation review of open/closed claims for the pat 36 months of the top 20 to 25 claim types per reach six major liability coverage codes. The initial review should include all open/closed claims with incurred values greater than 50K to help determine the severity of claim activities. This information should then be compared to the annual risk management/loss control/training plans to review the impact of risk management services to claim causations and values.

Once the risk management services are evaluated for activities to claim causations, the annual incurred claim values by coverage types should be compared to the annual by line of coverage premium/contributions to help determine the adequacy of specific liability rates to losses. This can be undertaken in conjunction with the annual actuarial analysis as an additional risk management evaluation tool for future liability rate funding.

Recommendations

Excess liability members loss histories should be monitored as it relates to their SIR levels to determine the most favorable retention level to both the JPIA and member on an annual basis.

Carried forward from 2023

MANAGEMENT

Findings

- 1. In 2023 and 2024 the CWC supervisors and Account Manager continue to conduct between 5-6 file reviews/audits of their adjusters monthly. In review of sample adjuster audit forms provided to ICRMS, select adjusters were observed within the internal audits by management to receive corrective suggestions to improve their overall claim handling abilities. Very few pools (less than 5% audited by ICRMS) conduct their own internal file review / audit practices. This has helped CWC to observe work performance that may need minor corrective action and is an influencing factor on the high audit scores maintained by CWC over the past years.
- 2. The supervisors had 49 to 80 open/pending claims counts in 2024 as compared to 51 to 88 open/pending files in 2023. The supervisors carry an active claims count of normally litigated / serious files and provide management and technical assistance to their assigned adjusters. Supervisors are maintaining an excess liability file count in the range of 10 and 25 open files per month per supervisor. The overall excess member file count has grown in the past few years and is being distributed to the general adjusters to help handle the file count as it has increased in claim volume over the past 2 years.
- 3. Large loss meetings regarding files with incurred values greater than 100K continue to be undertaken quarterly. It is still observed in audited files that the case reserves are accurate, and rationale for case reserves are noted by the liability manager in the individual file.
- 4. The 2024-unit closure rate (as of September 2024) was 91.5% as compared to 99.7% last September.
- 5. The account manager has decreased his open / pending file count to 10 files. ICRMS recommends a maximum of 14 open/pending files for the account manager due to the increase in the excess liability open file counts.

2023 ICRMS Audit

Considerations

The CWC Manager does conduct monthly open file reviews, and this consideration has been moved to another area within the report.

Completed

2024 ICRMS Audit

Considerations

An annual (end of fiscal year) "Claim File Cycle Report" of all open / pending claim files older than 24
months should be evaluated to identify "Old Dog" files showing the claim file specifics including the
date of the occurrence, report date to the JPIA and total days open for potential use in establishing
Plans of Action on older files.

Carried Forward from 2020, 2021 and 2022

CWC Management is evaluating this.

2. Given the complexities of file 13004194, the JPIA may wish to entertain the use of a limited mock jury or user group to evaluation the potential range of a jury award trial. The claimant has serious bodily injuries from an interesting accident and currently has a major reserve placed on the file.

Recommendations

None

TECHNOLOGY

ICRMS did request a 12-month 2023 JW File Handler Metrics and Closing Ratio (1/1/2023 to 12/31/2023) report to compare to the 2024 JW File Handler Metrics and Closing Ratio report as of 9/30/2024. We were informed that a special report would have to be created to reproduce the data. While the data is not essential to the overall audit report, it does point out that select JW File Handler reports should be saved at the end of the calendar / fiscal period for potential review at a later date by auditors or other parties.

2023 ICRMS Audit

Considerations

Effective in 2023, GASB Statement # 96-**Subscription Based IT Arrangements** (SBITA) has been implemented which is defined as a contract that gives an entity the right to use a vendor's information technology software for a specified contract for a period of time meeting a dollar threshold. GASB requires that applicable IT lease agreement(s) be recorded within the entity's Facilities Portfolio Management Tool. JPIA should evaluate GASB # 96 requirement prior to its next financial audit.

Completed

2024 ICRMS Audit

Considerations

A menu of JW File handler reports of annual information should be developed to allow storage / saving of reports for future use without incurring additional operational expenses for the IT contractor.

Recommendations

None

RESERVING PRACTICES

Out of 100 total claims, 74 were open with outstanding reserves. ICRMS reserve comments are focused on open casualty claims. Our reviewers estimated incurred reserve values are based upon our opinions of the possible ultimate outcomes of the files reviewed using a "most likely maximum outcome" reserving method.

Findings

Three file reserve changes are recommended by ICRMS with a net increase of \$290,824. This reflects a less than 2% variance of total reserves audited by ICRMS of \$23,047,469 in 2024 and \$16,109,644 in 2023 with an audit deviation rate less than 1%.

Our review of open/closed files showed the following quality evaluation percentages for four reserving categories as follows:

- Timely reserve postings showed 100% compliance in 2024 and 2023.
- Adequate/accurate files reserves showed 100% compliance in 2024 and 2023.
- Reserving rationale being outlined and supported showed 100% compliance in 2024 and 2023.
- Reserves matching budgets from defense counsel showed 100% compliance in 2024 and 2023.

2024 ICRMS Audit

Considerations

CJPIA and CWC management maintain active file management and control with files 3037468 (appears to be under reserved) and 300419 current reserves which if resolution is reached with or after the current file postings, may substantially impact the current self-insured liability retention level and the reinsurance corridor layers. Both files are extremely volatile regarding the potential outcomes of settlement due to the liability and nature of the bodily injuries.

Recommendations

None

Casualty claims with reserve differences

Adj	Claim #	JPIA Reserve	ICRMS Reserve	Difference		
LF	3020882	126,521	266,521	140,000		
GR	3037468 70,85		3037468 70,859 180,859		180,859	110,000
EG	1998006	109,176	150,000	40,824		
			TOTAL	\$290,824		

Adj	Claim #	JPIA Reserve	ICRMS Reserve	Difference

Since 2013 ICRMS has undertaken annual claims audits of the JPIA liability program and has provided Recommendations to the JPIA and CWC to assist them in their claims processes and overall claims handling protocols of their member's claims. Our formal Recommendations may be viewed as either major or minor in scope of activity and at times difficult to implement without expenditure of major funds or major changes in business processes.

DISTRIBUTION AND USE

This report has been prepared for internal use only by JPIA. Consent of ICRMS is needed prior to release of this report to other parties.

All accompanying documents and information must be read as attachments to this report.

This audit and review are a snapshot of claims handling activities based on the random selected files reviewed on the dates cited within the report. This report does not profess to identify all potential problems that may arise within the claims operations.

Both accepted industry and public entity pooling claims practices were taken into consideration during the file audit.

Any questions regarding this report should be addressed to Mark Nestor, President, Independent Consulting and Risk Management Services, LLC.

ADDENDUM ONE

Information/Document	Date	Comments		
JPIA Liability Claims Standards	2020 to 2024	TPA Performance Standards		
Casualty Memorandum of Coverage	2023/24	Primary and Excess Liability Coverage Documents		
Liability Claims Reporting	Current	Member claim reporting sheet for FNOL		
Adjusters Reserve and Settlement Authority	Current	Individual supervisors and adjustors reserve and settlement authority		
Reinsurance Carriers and Retentions	2019/20-2023/24	Schedule of reinsurance carriers by layer and retention levels		
CMS Reporting Protocols	Current	CWC CMS protocols		
CWC Audit	2023	Sample internal adj. audit reports		
Org Chart	Current	Carl Warren org chart of staff assigned to JPIA		
Claims Counts	2019 / 2020 / 2021 / 2022 / 2023/ 2024 YTD	Open/newly submitted/closed adjusters' claims counts by month		
Carl Warren Stewardship Report to JPIA	October 2023	Annual stewardship report to JPIA with operational statistics		
CWC TPA Claim Service Contracts	2020/21 to 2023/24	Carl Warren - JPIA service contract and addendums		
Adjuster Claims Intake	Current for past 24 months	Adjusters, monthly claim intake/closure/ pending caseloads log		
Aging Report	Current	Listing of open claims by line of coverage by year of claim occurrence		
Adjuster Case Load	For past 24 months	Open claims counts by adjuster		
Open Claims Counts	For past 36 months	Open claims counts as of 1/1/2021		
Closed Claim Listings	2019 – 2024	Closed claims runs for audit selection		
Adjuster Reports	Monthly	Management report citing claims counts, total paid, reserves, total incurred for month		
Open Claims Aging report	1997-2024	Open claims counts by years as of 9/30/2024		
Excess Program Loss Run	Current	Open X-C program losses		
Excess Pool Member List	Current	Listing of excess members		

ADDENDUM TWO

Claims Counts 2023 and 2024 YTD Casualty Claims Unit								
Name - Position	Average Closing Ratio		Open Claims Count Range for 2024 YTD		September 30, 2024 YTD Open Pending Claims Count			
Account Manager:	2023	2024 YTD	LOW	HIGH				
C. Kustra	180%	+500%	10	18	10			
Supervisors:								
G. Mankiewicz	102%	146%	63	78	64			
E. Gutierrez	87%	125%	50	80	50			
T. Varon	126%	151%	49	70	49			
Adjusters:								
M. Zapf	111%	118%	81	128	81			
G. Raphael	96%	114%	99	139	99			
L. Frye	106%	130%	74	108	74			
C. Bray	102%	106%	104	152	115			
J. Baluyut	99%	101%	76	243	150			
W. Rice	97%	92%	74	116	74			
L. Stroud	89%	123%	76	142	76			
L. Mullen	91%	119%	52	98	52			
K. Thompson	NA	39%	49	74	74			

The unit avg closing ratio was 132% in 2020, 96% in 2021, 107% in 2022, 100% in 2023 and 92% YTD in 2024.

ADDENDUM THREE

Claim Audit Causation Review

Pages 18 and 19 show a sample causation listing containing information from the 2024 CJPIA liability claim files as audited by ICRMS.

Six major Lines of Business (LOB) within the Liability coverages are shown from the approximate 100 files of open / closed claims reviewed by ICRMS with causation citing's.

The 100 files reviewed were a random selection of from over 1,400 open liability files currently pending and is a generalization of causation activities and not a statistically valid sampling to undertake a detailed study.

This information is presented as a sample approach for consideration of the CJPIA to undertake a liability causation review of open / closed claims that have incurred within the past 36 months.

The purpose of the review would have multiple objectives as follows:

- Identify the top 20-30 causation activities by the six LOB to help determine both severity and frequency of claim activities.
- Identify the allocation of resources used to help reduce or mitigate these claims and events via risk management, loss control and education / training services provided by CJPIA staff and contractors to members per the loss data.
- Help establish a benchmark to determine adequacy of premiums / contributions by LOB with causation activities to evaluate at a deeper level liability contributions / premium to losses.
- Evaluate the capability of current information technology platforms to assist CJPIA to automate the evaluation process.

The sample report below highlights eight columns of information as part of step one of the evaluation causation processes. An initial threshold of incurred open / closed claim values should be selected (i.e. 25K or 50K) to limit the total data to be sorted by claim value to allow a macro view (severity of losses) as the starting point. After this data is evaluated, a lower threshold of claim values can be selected to develop a more robust causation report for frequency of claims.

If CJPIA is interested in conducting an analysis of causation activities, greater discussion of the process can be undertaken with ICRMS at a later date.

NOTE: The November 2023 CWC Annual Stewardship report to CJPIA lists causations and associated claim values for the liability policy year 2022/2023 on pages 13, 14 and 15 for reference information.

CJPIA CLAIM AUDIT CAUSATION

LOB	Causation	Total Incurred Value	Highest Claim Value	# of Claims	Avg Value per Claim	Rank Frequency	Rank Severity 1-25
ABI	Vehicle collision with city driver	1,609,226	953,000	6	268,204	5	6
	Trip/Fall on bus injury	283,365	154,020	2	141,682	10	16
	Sub-Total	\$1,892,591					
4.00	Valida dansarad fallan tura	45.404		4		44	24
APD	Vehicle damaged - fallen tree	15,194		1		11	24 25
	Collision with city driver	10,786		1		11	25
	Sub-Total	\$25,980					
LBI	Trip/Fall - premises / sidewalk	4,590,621	791,126	21	218,601	1	3
	Struck by train	295,000		1		11	15
	Roadway premise / design / obstructions - intersection	12,735,393	11,414,293	8	1,591,924 (without cat claim - 188,729)	2	
	Park premise / design / defects	1,111,619	700,000	7	158,803	3	10
	Tree falling - Bl	267,000	242,000	2	133,500	10	17
	Golf course / premise	92,489		1		11	21
	Emotional distress at sons burial - cemetery	144,475		1		11	20
	Sub-Total	\$19,236,597					
<i>.</i>	0	205.045		4		44	4.4
LEP	Co-worker harassment	395,245		1	400.007	11	14
	Unlawful termination / discrimination	2,572,123		6	428,687	6	
	Chief executive separation claim	16,373		1		11	23
	Atty reimbursement fees	167,000		1		11	14
	Sub-Total	\$3,150,741					
LPD	Land subsidence / slope failure	12,758,230	12,758,230	4	3,189,558	7	1
	PD by storm water, design / runoff	1,200,010		7	171,430	4	7
	PD during city project - premise damage	573,678		1	·	11	11
	Sewer backup	425,989	392,989	2	212,995	10	13
	Damage to street by leaking sewer water lines	1,657,288	752,225	4	414,322	8	5

LOB	Causation	Total Incurred Value	Highest Claim Value	# of Claims	Avg Value per Claim	*Rank Frequency	*Rank Severity
	Tree roots	57,000	37,000	2	28,500	10	22
	Fallen tree - PD	1,164,000	834,000	3	388,000	9	9
	Sub-Total	\$17,836,195					
LPI	Excessive force	283,939	186,939	2	141,969	10	15
	Shot and/or killed by officer	488,428	472,000	2	244,214	10	12
	False arrest	169,000	94,000	2	84,500	10	18
	Alleged rape by officer	1,195,000		1		11	8
	Sub-Total	\$2,136,367					

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Paul Zeglovitch, Claims and Insurance Director

Date: November 20, 2024

Subject: Liability Program Stewardship Report

Carl Warren & Company has provided third-party claims administration to the Authority's Liability Program since its inception.

Carl Warren & Company prepares an annual stewardship report to provide a recap of the events of the past fiscal year, status of the program, as well as to outline opportunities, enhancements, and challenges for the coming year. Carl Warren & Company representatives will be present at the meeting to address any questions or comments.

Recommended Action

Receive and file.

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

By: Kelly Trainer Policky, Employment Practices Manager

Date: November 20, 2024

Subject: Governance Program

Background

Over the years, calls to the Authority's Employment Hotline for assistance with issues involving elected and appointed officials have increased. These calls have involved issues such as concerns regarding inflammatory comments from the public during public meetings, allegations of harassment against officials, conflicts between officials, and allegations of officials improperly directing staff. In some cases, those issues have developed into liability and workers' compensation claims. Given the unique relationship between officials and the local agencies they serve, member agencies have few options to remedy these concerns.

In assisting members with these issues, we have discovered that local agencies have few resources available on these subjects. As a result, Authority staff has begun developing a comprehensive Governance Program to support our members in this area.

Staff has met formally and informally with various chief executives, elected officials, and city attorneys/general counsels to obtain insight on what topics and resources would be most beneficial to them in supporting good governance and evaluate how to best deliver this material in a way that will be useful to officials and staff.

The Governance Program is being designed to support members in establishing and maintaining a healthy working environment and providing quality service to the public. This, in turn, should reduce claims involving officials or mitigate the harm created by these situations.

Governance Program

As currently envisioned, the Governance Program will primarily focus on developing new resources for elected and appointed officials. Where appropriate, the Program will also include complementary resources for staff.

Resources are being developed (or have been developed) in the following key areas:

1. Onboarding Resources

- a. Resources for staff to use in developing or updating an onboarding program
- b. Resources to complement members' onboarding programs
 - i. Legal compliance training AB 1234 and AB 1661
 - ii. Basics of local government (Public Records Act, Brown Act, Council/Manager form of government, roles and responsibilities, etc.)
- c. Resources will be focused on providing newly elected or appointed officials with a solid foundation of local government

2. Governance Resources

- a. Ongoing education about relevant legal changes that affect local government
- b. Resources designed to empower officials to self-police and intervene early
- c. Higher level resources about best practices in all areas of good governance

3. Crisis Intervention

- a. Resources for when complaints have been made that could potentially lead to claims (typically, claims by employees)
- b. Resources for bodies that are not effectively working together

In addition, we have evaluated how to best deliver information to officials. We plan to adopt a multi-pronged approach to resources.

1. In-Person Events

- a. Modification of the Academy model
- b. Shorter events to accommodate busy schedules
- c. Educational opportunities will be paired with networking opportunities
- d. Evaluating the feasibility of offering events regionally throughout the year

2. Online Educational Resources

- a. Traditional webinars (both live and recorded)
- b. Brief interviews with subject matter experts
- c. Scripted educational videos

3. Written Materials

- a. White papers
- b. Infographics
- c. Frequently Asked Questions

4. Member-Specific Resources

a. Training can be provided to individual members (or a regional group)

Finally, we have been identifying subject matter experts and presenters who are well-suited to deliver content. We will be working with current and former elected officials, chief executives, and legal counsel to provide a variety of perspectives.

Recommended Action

Receive and File.

CALIFORNIA JPIA

AGENDA REPORT

To: EXECUTIVE COMMITTEE

From: Alexander Smith, Chief Executive Officer

Date: November 20, 2024

Subject: Award of Contract for Construction Management Services

A request for qualifications (RFQ) for construction management services was published in September 2024. The Authority is seeking an experienced consulting firm to assist with a planned construction project. The primary duties and responsibilities of the consultant will include the following:

A. Represent the interests of the Authority in all matters pertaining to the construction project

- B. Develop a bid package (RFP) for a general contractor
- C. Manage the RFP process to facilitate selection of a qualified general contractor
- D. Oversee the general contractor and inspect the contractor's work
- E. Oversee procurement of materials and inspect the materials
- F. Review and audit invoices for materials and labor
- G. Oversee and coordinate with architectural and engineering firms
- H. Ensure legal compliance with the City of La Palma and obtain permits
- I. Ensure legal compliance with Orange County Fire Authority
- J. Ensure legal compliance with Federal and State agencies

A total of four firms responded to the RFQ before the deadline on October 30, 2024. Cost proposals were submitted separately, in sealed envelopes by each firm. In early November, the Authority's management team met to review and discuss all RFQ responses. After a careful weighing of the experience and qualifications of each firm, staff recommends that the Executive Committee award the contract to Red Brick Consulting. The proposal from Red Brick consulting is attached.

Recommended Action

It is recommended that the Executive Committee authorize staff to negotiate pricing and terms with Red Brick Consulting for construction management services, and to draft an agreement to be reviewed by the Executive Committee at a future meeting.



October 29, 2024

California Joint Powers Insurance Authority (CJPIA) 8081 Moody Street La Palma, CA 90623

Attn: Alexander Smith, Chief Executive Officer

Re: Owners Representative/Construction Management Services for CJPIA Studio Construction

Dear Alex,

Please find below the response to the Request for Qualifications for Construction Management Services for the California Joint Powers Insurance Authority Proposals due October 30, 2024. We are excited to provide CJPIA with a proposal on assisting you in developing and delivering the new production studio building. As I understand your request, you are seeking a qualified Owners Representative/Construction Manager to provide management services to represent CJPIA in this wonderful project.

We are pleased to respond to the request and have attached a proposal for the expected services we can and will provide and our staffing plan for the project.

Due to the project size, location, and references, we are proposing Greg Powers as the Project Executive and project manager for this engagement at this time. As needs arise, we will introduce other team members (as needed and approved) but for the initial engagement and overall responsibility, we believe this is the best approach for CJPIA.

Please review the above and attached, and we look forward to working with you on this project and getting started as soon as you are ready to move forward with the winning team. We would be honored to be involved in assisting CJPIA in completing this project.

Please feel free to call me at any time at 949 573-2195 for any questions or to arrange a meeting.

All the best,

Greg Powers President



Table of Contents:

- 1. Red Brick Company Profile and Overview
- 2. Red Brick Construction Management Services Program
- 3. Project References and Project Examples
- 4. Organization Chart of Relevant Personnel
- 5. Resumes of Key Personnel
- 6. CJPIA Exhibit A Form













Red Brick Consulting, Inc. 24681 La Plaza, Suite 250 Dana Point, CA 92629 Jeffrey V. Moak Group President - PM/CM 714-715-1146 | jmoak@rbcmail.com

COMPANY OVERVIEW

Trusted Advisors to Owners, Contractors, Consultants, and other Stakeholders who are building, funding, or managing complex construction.



ABOUT US

At Red Brick Consulting, our experts provide program/construction management, risk management and construction/design consulting services to the construction industry. We serve as trusted advisers to owners, contractors, consultants and other stakeholders who are building, funding or managing complex construction.

It is our mission to be client focused, reduce the risk of construction, create a culture of collaboration, provide exceptional high performing personnel, assist in completing the work on schedule and within budget, and to mitigate and/or avoid disputes/ litigation, delivering exceptional project outcomes. Our strength is our ability to adapt to the changing needs of our clients, local markets and providing experts to undertake complex projects. We achieve this through working collaboratively in a partnered approach, proficient in planning and managing the design and construction process, forward-thinking and problem solving. This has earned us lasting, long-term relationships with our clients.

Our team has the ability to successfully deliver projects ranging from very small to multi-billion-dollar programs for a large client base, public and private, large and small, and we are experts in all types of project delivery methods. We are successful in achieving the above goals because our team is proficient in planning and managing the construction process, understanding and managing cost, schedules and stakeholder expectations, and continually exceeding client expectations.

MARKET SECTORS

Transportation

- Aviation
- Road/Highway Construction
- Bridge/Overpass Construction
- Light/Heavy Rail
- Subdivisions

Healthcare

- Hospitals/Nursing Units/ Operating Rooms
- Clinics/Out Patient Facilities
- Ambulatory Surgery Centers
- MRI Centers/CT and Linear Accelerators
- Laboratory

Pharmaceuticals

- Laboratory
- Pilot Plants
- Manufacturing Facilities

High Rise Construction

- Office Buildings
- Condominium/Lofts/ Apartments

Library Construction/Renovation

Industrial Construction

- Power Plants
 - Refinery and Process Piping

Historical Construction/ Renovation

- Government Buildings
- · Theaters and Museums
- Housing/Office Space

Hotel and Hospitality

SERVICES

For more than 30 years our team of experts has developed a wide range of expertise serving a variety of clients in the building industry.

- Program Management/Construction Management
- CIP Planning Services
- Design Management Services
- Risk Management Services

- Project Review and Audit Services
- Dispute Avoidance and Resolution Services
- Troubled Project Services
- Partnering Services



PROGRAM MANAGEMENT/ CONSTRUCTION MANAGEMENT

Successful projects don't just happen. They are the result of the efforts of seasoned experts. The team at Red Brick Consulting have proven over hundreds of projects that they have the expertise to deliver projects on time, on budget, and within the scope that the project stakeholders require.

This success is due to the unique understanding of risk management that our team brings to the process, whether it is in the pre-planning stages, the bidding period, or over the full season of construction. We believe that it is our responsibility to act as the go-between across all of the major stakeholders and to ensure the overall project goals are the key focus of each party.

We deliver projects ranging from very small to multi-billion-dollar programs for a large client base, public and private, large and small, and we are experts in all types of project delivery methods.

PROGRAM DEVELOPMENT

CIP Planning

Definition of project and program scope

Management of stakeholders and focus on goals

Overall conceptual budgeting and space planning support

Site selection and location assistance

Entitlement review and development agreements with agencies

Project delivery selection process

PRE-BID PROJECT DEVELOPMENT

Conceptual design development assistance

Value Engineering reviews and risk assessments

Overall Design Professional Management

Constructability Reviews and Plan Assessments

Project and construction phase budgeting

Contract development

Partnering

BIDDING PHASE

Assistance in prequalification of contractors

Bid Package development and Bidder Management

Bid Assessment and evaluation of qualified bids

Award criteria and pre-construction contractor management

Contract development and negotiations

PROJECT CONSTRUCTION PHASE

Design Professional Management

Baseline Schedule Development, Review and Updating of Progress

Contracts and subcontract procurement issue management

Project Progress Management

Change Management

Budget Management

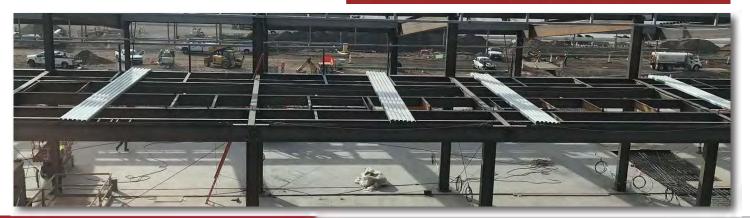
Project Issue Management (RFI, Submittals, IB's)

Claim mitigation and management services

Project construction completion close out and start up processes

PROJECT COMPLETION

Final Project Closeout with contractors and subcontractors
Financial closeout of project regarding liens and releases
Permit close out with affected agencies
Resolution to any potential claims/issues presented by Contractors





RISK MANAGEMENT SERVICES

Red Brick Consultants are experts at helping manage construction risk. We understand the issues that are critical to success and are willing to take the time and effort to help ensure we have the proper focus on them.

Risk can be defined as:

"A state of uncertainty, where some of the possibilities involve a loss, catastrophe, or other undesirable outcomes."

Construction Risk can and should be mitigated by maintaining a focus on schedule, cost and scope. The goal is to ensure the right work is completed as quickly as possible and at the right price.

Time always equals money in construction.

It is our goal to ensure that our clients understand the risks, have tools and measures in place to mitigate potential risk, and have the opportunity to maximize the expected outcome.



To achieve these efforts, we focus on managing specific areas of risk. These include:

- Schedule Risk (both delay and acceleration)
- Budget Risk (cash flow management/ cost control)
- Scope Risk (missing elements/scope growth issues)
- Contracting Methods (whether GMP/ Design Build/Lump Sum etc...)
- Procurement Risk (long lead times/price volatility and scope impact)
- Design Risk (poor execution on construction plans and specifications)
- Value Engineering Risk (unintended consequences)
- Inter-relational Risk (how does this project impact other projects)
- Litigation Risk (potential pre-claim set ups/claim development/defense)

This effort results in projects that are:

- Delivered on Time
- Meet the Budgetary Expectations
- Meet the Goals of the Stakeholders

Regardless of the efforts to manage each of the specific elements, every project requires leadership that can recognize and appreciate the relevant details while keeping a focus on the big picture items. The team at Red Brick are experts at recognizing the big picture and how it translates to actual project success.



PROJECT REVIEW AND AUDIT SERVICES

We provide a full scope of project audit and status services both for litigation preparation as well as a standard of care due diligence for ongoing projects. Our belief is that knowledge is key to reducing risk and we focus on telling you what you need to know, not just what you want to hear. Our services include, but are not limited to:

EVALUATION OF PRICE AGREEMENT

- Cost Plus Agreements (are the costs accurate?)
- GMP Agreements (are the credits being allocated correctly?)
- Lump Sum Agreements (are the change orders really extras?)
- Unit Price Agreements (are they billing accurate quantities?)

BILLING REVIEWS

- Reviews of Monthly Pay Applications (accuracy and current work)
- Evaluations on Allowance items (is the scope fully reflected?)
- Change Order Billing and Management (valuation and entitlement)
- General Condition Billing Review (consistency with contract specs)
- Time and Materials Billing Review (review of hours, rates and entitlements)
- Contingency Management (is contingency being used properly?)

PAYMENTS

- Timeliness of owner payments (are contract terms being met?)
- Accurate payments to subcontractors (Lien risk management)
- Joint Check review and subcontractor management
- Accuracy of payments (duplicate invoicing)

- Budgeting Review
 (scope creep and financial risk issues)
- Change Order Payments (is the work being paid for timely?)

FUNDING

- Fund Control Management to limit Lender Risk
- Project Status Reporting (updates to inform banks/owners)
- Cash Flow Management (limit funding surprises)
- Draw Down Budgeting (Identifies finance costs)
- Payment Control (Management of subcontractor payments)
- Full Lien Release Management Services
- Loss Mitigation
- Evaluation of current project site conditions for quality and quantity of in place work
- Evaluate Work-In-Place vs. billings and assist in Cost-To-Complete projections
- Full schedule management services, including updates and recovery schedule development
- Contemporaneous and Forensic Auditing of project costs
- Full claim management services including claim preparation, defense and negotiation
- Full dispute avoidance and resolution services



DISPUTE AVOIDANCE AND RESOLUTION SERVICES

Disputes happen. In the course of construction, due to the vast number of challenges and 'moving parts' there are bound to be areas where each party finds themselves on opposite sides of an issue. Typically these challenges result in each party digging in and wanting to defend their position regardless of the value or the wisdom in that approach. Yet, these occasions can oftentimes be managed in a way that limits the exposure for each party and allows a resolution to be developed that will keep the project moving forward.

Our number one goal is to keep the project moving forward to completion and then to limit the need for litigators, mediators, and arbitrators, if possible. If claims or litigation cannot be mitigated, then we expect to provide the tools necessary to develop a vigorous defense or a strong entitlement for our client's position.

All too often, we are invited to review or develop a claim after the actual incidents that caused the delay or impacts have passed. In this area, our staff has developed exceptional skills in evaluating the information available to determine the relevant facts and the appropriate costs which allow us to define and defend the opinions that we form.

Our view is that regardless of which side of a claim we are on (development or defense), we believe the same level of expertise is required to evaluate the merits of the claim and to establish an appropriate position in managing the outcome.

Our staff has shown a proven expertise in writing sophisticated requests for equitable adjustment with complex, professional graphical representations as well as developing simplified graphics that tell a compelling story, for presentation purposes, in the early efforts to settle cases before they go to court.

Our services include, but are not limited to:

Forensic Schedule Analysis:

- As Planned vs. As Built Schedule Reviews
- Development of True Critical Path
- Delay Analysis
- Forensic reviews of "Window's" Analysis

Forensic Cost Analysis:

- Actual Construction Cost Auditing
- Forecast of Cost to Complete
- Forensic cost reviews to evaluate other components of claims

Labor Analysis:

- As Planned vs. As Built Labor Reviews
- Acceleration, trade stacking, release of work studies, overtime inefficiencies
- Evaluation of Planned Labor budgeting

Development of Costs and Damages:

- Original Contract Evaluation
- Total Costs Analysis vs. Claimed Losses
- Productivity Impacts and entitlement



TROUBLED PROJECT SERVICES

You must be willing to take the first step without knowing any of the others; to define the next incremental deliverable; to keep the project moving forward. You must have an end vision, but focus on tangible outcomes.

Troubled projects are always a challenge for all parties involved. Oftentimes each party has lost their will to partner with each other and there is an overall lack of trust by all parties. Each side blames the other for everything that has occurred while the project languishes and there is little motivation to solve the problems and get the project back on track.

We believe that trust can oftentimes be restored when all parties understand that there are common goals and each party is best served by focusing on the common goals.

Our staff have been working through troubled projects for over two decades. We bring experience. It is our intent to apply that experience to any potential litigation and mitigate it as much as possible with the goal of completing the project as soon as possible.

The first step in developing a plan of attack on a project in crisis requires an investment of time and energy to perform the key analyses necessary to understand the issues and facts that are causing the challenges. This investment allows us to develop a proper baseline condition and to establish a foundation for moving forward.

Further, this effort allows us to review the project for potential litigation and claim risk for our clients and ensures that any risk points are identified and managed for our client's best interests.

TROUBLED PROJECT SERVICES INCLUDE:

CURRENT PROJECT STATUS -

- · Condition of work in place
- Status of vendors and subcontractors on a project
- Status of material procurement
- Status of the Construction Schedule
- Status of payments to contractors and subcontractors

PROJECT GOALS -

- Recovery Schedule development and management to establish proper completion
- Cost-To-Complete efforts to establish overall project budget and risk
- Scope gap and value engineering elements needed to complete project
- Overall Risk Management of ongoing process (Litigation and/ or Contractor Failure)

Occasionally, a troubled project cannot be resolved without claims or litigation. When that becomes necessary, our team is prepared to work to develop a strong position of advocacy for our clients; whether that is developing an affirmative claim or the vigorous defense of a submitted claim.











CIVIC DEVELOPMENT PROGRAM

CITY OF LAKE FOREST Lake Forest, CA

\$80 Million







SOUTH REGION HIGH SCHOOL

LOS ANGELES UNIFIED SCHOOL DISTRICT Los Angeles, CA

\$150 Million

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PROGRAM MANAGEMENT/ CONSTRUCTION MANAGEMENT/ PROJECT MANAGEMENT

PHOENIX SKY HARBOR INTERNATIONAL AIRPORT City of Phoenix Aviation Department Phoenix, AZ

\$2.2 Billion



PROGRAM MANAGEMENT/
CONSTRUCTION MANAGEMENT/
PROJECT MANAGEMENT

SAN FRANCISCO INTERNATIONAL AIRPORT City and County of San Francisco San Francisco, AZ

\$300 Million







PROGRAM MANAGEMENT SUPPORT SERVICES

LOS ANGELES WORLD AIRPORTS Los Angeles, CA

\$3 Billion



ON-CALL CONSTRUCTION MANAGEMENT AND RELATED SERVICES

ONTARIO INTERNATIONAL AIRPORT AUTHORITY Ontario, CA

\$200 Million





24681 La Plaza Suite 250 Dana Point, CA 92629

www.redbrickconsultants.com













RED BRICK CONSTRUCTION MANAGEMENT SERVICES PROGRAM

We are prepared to provide the following to deliver full Construction Management Services for the project through the duration of design, construction and through the project closeout.

Design Assist/Entitlement Efforts:

Currently, there is a well-conceived design in place. We know that this design still needs to be completely signed off by the CJPIA leadership team prior to submission to the City for permits and approvals. We are prepared to provide the following services:

- Design and Constructability Reviews
- Cost Estimating
- Material Selection Support to meet design intent and quality requirements
- Evaluation of Long Lead Specialty Items (early procurement of special finish materials/SCE Power Requirements)
- Support the Architect with the City of La Palma
- Represent CJPIA for all State Agency Labor Submissions Requirements
- Represent CJPIA as needed for public hearings/presentations
- Coordinate Architect presentations for Executive Committee Meetings/Board Meetings
- Represent CJPIA for Public Bid process and make recommendations for contractor selection

Accounting/Budgeting:

We provide full services regarding accounting and budget management. Whether the project uses standard construction management software, our own custom software or relies on a set of robust excel spreadsheets, we appreciate the importance of the budget and respect the fact that timely information is critical to good decision making. To that end, we are prepared to provide the following:

- Assist in the development, implementation and management of the overall project/program budgets (including FFE) as well as the construction budgets.
- Update the project/program budgets and the construction budgets monthly.
- Set up and manage the project cost reporting for the Owner (including Cash-Flow).
- Prepare a forecast of Cost-to-Complete monthly.
- Evaluate and manage contingency accounts.
- Review, audit, and recommend for approval all Contractor Pay Applications.
- Evaluate all change orders and requests for additional compensation against the contract documents for entitlement.
- Reconcile cost estimates against budgets and identify anomalies.
- Review and recommend payment on all project related invoices.
- Provide cash management (A/P Payments) reimbursable accounting services
- Receive, manage and review all project lien documents (prelims, conditional and un-conditional releases)
- Manage required DIR Labor Reviews and Requirements (Certified Payroll, etc....)
- Manage the final contractor payments including proper final lien/bond releases.

Construction Management Services for CJPIA Studio Building – La Palma



Schedule/Planning:

One of the largest challenges in any complex construction is defining and maintaining a proper construction schedule as well as an overall program schedule. We work in all the major scheduling software including Primavera, ASTA Project Planner, and Microsoft project. We are adept at understanding the critical path of the project and working to manage against schedule slippage, not through an adversarial approach, but through a collaborative inclusive effort that brings the parties together to help achieve the common goal.

We include the following Scheduling Services in this proposal:

- Development of a Master Program/Project schedule to include Contractor's schedules
- Manage FF&E Schedules/Procurement/Setup
- Manage Long Lead Time items for Owner's Major Equipment
- Review and make recommendations on contractor's Baseline Schedule
- Review contractor's monthly updates and make recommendations, which include review of critical path for gaps, issues, dead ends, etc...
- Monthly summary reporting on milestone completion dates
- Review and identify potential delay issues and claim areas
- Assist in developing the close-out schedule, including all start up and occupancy requirements
- Develop, in concert with the Contractor, any necessary recovery schedules
- Perform physical schedule status reviews based upon physical site conditions
- Provide high-level summary graphics on a regular basis to communicate the project plan and status to the various stakeholders and for Board Presentations

Program/Project Management:

Since we expect that the plan for this project includes full onsite project management by the General Contractor, the services for this effort are more directed to serving as the eyes and ears of the Owner, providing guidance to the Owner on issues, and acting as a liaison between the Owner, the Contractor, the Architect and other stakeholders. Services that we expect to provide:

- Attendance at all board meetings, as requested, to update and provide guidance to the owner stakeholders.
- Attendance (and leadership) at all regularly scheduled Owner, Architect and Contractor (OAC) Meetings, design meetings, contractor coordination meetings, etc...
- Attend and present at any public meetings for outreach, City Council meetings, Planning Commission meetings or any other community meetings, as requested.
- Monitoring the work in place for quality assurance, safety compliance and correctness
- Review of all Requests for Information (RFIs) and Submittals for entitlement risks.
- Management and review of all scope changes, whether via the Value Engineering process, change order request or potential scope creep issues due to RFI responses.
- Document and create a photographic log of the site and progress through construction.
- Manage logs on all RFIs, Submittals, and change order requests.
- Facilitate meetings between the Owner, construction team, architect team, and other consultants.
- Maintain Construction Progress notes for the site as well as for any meetings attended.
- Manage the Owner's other consultants: including the Architect, any testing services-IOR's, third

Construction Management Services for CJPIA Studio Building – La Palma



- party engineers, FF&E Procurement Consultants, Entitlement and Utility Consultants, Interior Designers, Art Consultants, etc...
- Act as a liaison between the Owner and the Public Entitles such as the City, the public utilities, the State of California, etc...
- Work with the various Owner stakeholders with regular monthly reporting, interim requests for information and presentations as needed

It is our overall belief that as the Owners Representative, we are to serve at the pleasure of the owner stakeholders. While we have identified a number of specific services that we believe may be necessary on the project, there are many others that may be needed, and we are prepared to include them at the cost structure that we have proposed.

Pricing:

Pricing for this proposal has been provided under separate cover – per the RFQ Requirements.

All construction contracts will be signed and owned by CJPIA and Red Brick will facilitate them as the Owner's Representative. Red Brick does not engage in the act of construction and does not guarantee any of the contracts that will be entered into in this endeavor.

We are prepared to provide our full insurance as required and to maintain business licenses in La Pama as necessary.

Summary:

In addition to the above services, we can provide cost estimating services as well as any litigation/claims support if needed (at additional cost if necessary).

We believe that our focus on adding value to your project raises our level of service and that our success can only happen if we assist in providing exceptional results which ensures the success of the overall project.





Lake Forest Civic Center:

Project Value \$80M (Construction Cost \$64M)

Client: City of Lake Forest Project Delivery: 2018-2020

Role: Construction Management Services

Reference:

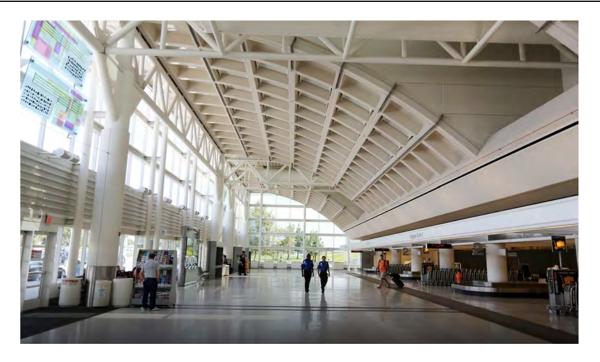
twheeler@lakeforestca.gov Tom Wheeler Director Public Works 949-461-3481

Greg Powers was the primary consultant on this project. Red Brick provided Construction Management Services on this 6-acre Craftsman Style Civic Center Project.

The work included the guidance and management of the multi-prime environment on this new City Hall and Civic Center Complex. At the City Council, when Red Brick was retained, we committed to the Council that the City would have its first council meeting in the new chambers PRIOR to the start of 2020 — which was approx. a 20-month schedule for a complex 5 building, 6-acre site with 150,000 sf in office space + a Performing Arts Center/Theater + ballrooms, Senior Facilities, Two commercial kitchens, a parking garage and fountains etc... This required the critical use of schedule management and active management and control of the contractors, leading the designers and helping the City leadership make timely and proper decisions to help understand the risks and ensure delivery.

Overall, the project had 23 prime contracts and Red Brick worked closely with the teams to ensure that the work was coordinated and that the work was collaborative in approach and execution. This project finished on time and under budget with zero litigation and absolutely no claims or litigation.





Ontario Airport

Project Value – Various to \$20M Client: Ontario Airport Authority Project Delivery: 2018-2022

Role: Construction Management Services

Reference:

kowens@flyont.com Keith Owens Director of Project Management. 909-544-5383

Red Brick Provided the overall PM/CM services at the Airport per the Cap Ex program.

The projects were typically within the AOA (Aircraft Operations Area) at Ontario International Airport. This was primarily Runway lighting, taxiway and apron repairs and replacements, lighting and security upgrade projects. All projects had a hired General Contractor that was performing the work, and we had to manage the labor compliance requirements as well as any PLA agreements with the City and Airport Authority.

The specifications were written with many significant FAA requirements for the project and the overall management and control of the work including funding control, mechanisms for grants and specific funding sources and standards due to the federal funding of all projects. Our team delivered all the projects, provided reporting to the Airport Authority Board, worked with permitting and prepared reports for the CM team each update in order to provide the needed details for negotiation and management.

All projects finished timely and there were no claims for project delay on any project undertaken during the tenure of our contract.





San Francisco Airport

Project Value – Various Projects Client: City of San Francisco Project Delivery: 2017-Current

Role: Construction Management Services

Reference:

Bradley.Wilson@flysfo.com Bradley Wilson, Manager Const. Services 650-302-5266

Red Brick Provided the overall PM/CM services at the Airport initially for the Boarding Area B Development (\$140 Million), Wayfinding (\$14 Million), and numerous other projects across the airport facilities

Red Brick served under the airport's Project Management Support Services Program for the management of the Contractor (Turner) to build a new extension to the existing Terminal 1 to relocate Southwest Airlines at the airport. The goal was to enable the new construction of the new \$2 Billion Terminal 1 project at the airport.

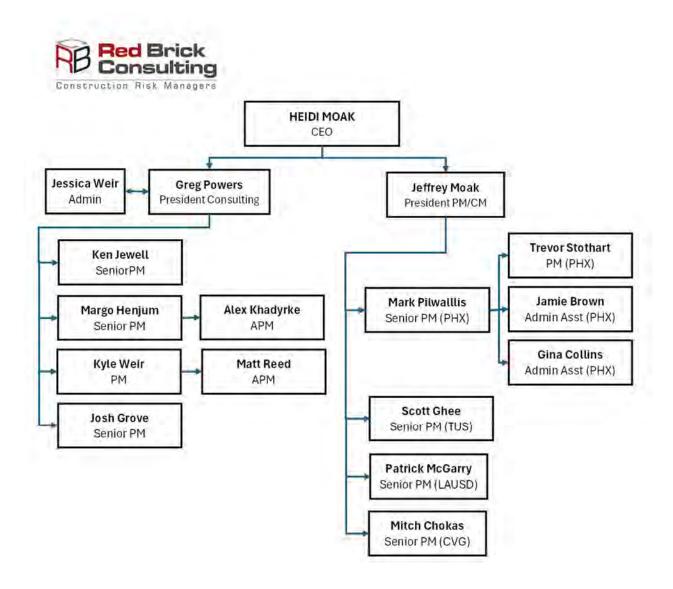
The project included the relocation and addition of contact gates, passenger boarding bridges, ground support equipment, baggage handling system, concession relocations and gate and boarding area enhancements.

The project had a critical completion date requirement in order to meet the larger \$2Billion Terminal project needs and this enabling project was a critical component to relocating the ramps so the existing Terminal 1A could be demolished timely for the new construction. The project met the timeline and there were no claims at the completion of the work.

All projects at the airport had strict Labor Compliance and Local Business Enterprise Requirements that had to be managed on a monthly basis - as well as outreach and local vendor assistance programs.



Red Brick Consulting Organizational Chart:







Greg Powers, Program/Project/Construction Mangement Experience

EDUCATION

Bachelor of Science, Finance, Bachelor of Science, Real Estate, California State University, Northridge

Master of Science Negotiation/Dispute Resolution Creighton University Omaha, Nebraska

AFFILIATIONS

State of California, Contractors License No. 721794 Class A (Inactive)

ARTICLES/PRESENTATIONS

- *"Avoiding Disputes through Efficient Trade Labor Management and Forensic Analysis", Engineering New-Record,
 July 2007
- *Project Management Field Manual for Construction Professionals - (2008 Edition)
- *National Webinar July 2010: "Construction Risk: What It Really Is, How to Manage it and Why it Matters"
- *Presenting workshop at SSPC Convention February 2011: "Managing Construction Risk through Aggressive Schedule Management"

Greg has been a leader in the construction industry for over 38 years. He has served as a principal of a regional construction company as well as serves as the President of Consulting for Red Brick Consulting, Inc. He has been providing over 21 years of dedicated construction related consulting services. He has developed noteworthy skills in high-level project conflict management, complex project management and scheduling (both forward and forensic), and a deep understanding of forensic cost analysis and review.

Greg's experiences have allowed him to provide turnkey services from conceptual goals through entitlements, contracting methods to driving the project to completion. He has provided management oversight responsibility on civil engineering, massive grading projects, large office buildings, medical seismic and infrastructure, complex tenant improvement works, major transportation infrastructure, as well as major green field construction.

Greg has extensive experience with OSHPD, DSA, FAA, and has managed the design and construction of complex Medical facilities, Civic Centers, Performing Arts Centers, Complex Manufacturing, Multi-Family, Themed Entertainment, etc... Additionally, he has served to mitigate risk on a number of troubled projects including historic renovations (e.g. Griffith Observatory Renovation) and has managed a variety of risk management issues for clients throughout the construction industry.

Greg has served as Owner's Representative, Program Executive Director, and Global Risk Manager for numerous clients. He has also provided oversight for schedule review, claim defense, and Program risk management services for various public agencies.

Greg has become an expert in his field to mitigate risk and manage outcomes to ensure that his clients are protected and that the overall project goals are met.

Additionally Greg serves as a construction expert in litigation and has provided high-level consulting services to both public agencies and private firms for overall Organizational Construction Management Departments and Corporate Consulting on Process and Construction Risk.

Greg Powers, Group President



RELEVANT COMPANY EXPERIENCE

Educational

California Polytechnic State University, Parking Structure, Pomona, CA CSU Long Beach, Library Renovation, Long Beach, CA CSU Long Beach, Space Planning, Long Beach, CA Marlborough School (Grades 7-12), New Library, Los Angeles, CA Palm Springs USD, Elementary School #16, Palm Springs, CA Palm Springs USD, Middle School #5, Palm Springs, CA UCSB, Student Services Building, Santa Barbara, CA LACCD LA City College E3-E5 Classroom Building, Los Angeles CA LACCD East LA City College Student Services Center, Los Angeles CA LACCD Valley College Hertzberg Library, Los Angeles CA LACCD Valley College Community Service Center, Los Angeles, CA LACCD Valley College Workforce Education Center, Los Angeles, CA LACCD Valley College Academic Complex 1, Los Angeles, CA LACCD Mission College Educational Annex, Sylmar, CA LACCD Mission College Student Annex, Sylmar, CA LACCD Pierce College Academic West Bldg, Los Angeles, CA LAUSD Emerson Middle School Gym and Track, Los Angeles, CA LAUSD High School #8, Los Angeles, CA Orange Unified, Yorba Middle School Renovations Whittier Union HSD, California HS improvements, Whittier CA Capistrano USD, Aquatic Center Construction, San Juan Capistrano CA Capistrano USD, Performing Arts Center, Capistrano HS, SJC CA Capistrano USD, High School Stadium Completion Project, SJC CA Capistrano USD, Newhart Middle School – Summer Sprint, SJC CA

Healthcare

Cedar Sinai Medical Center: Dozens of Projects - Clinics to Central Plant Citrus Medical Office Building, Redlands, CA
Glendale Adventist Hospital, Physicians Terrace Surgery Ctr.,
Highland Springs Medical Office Building and ASC, Beaumont, CA
HOAG Irvine – Emergency Department Remodel, Irvine CA
Kaiser Permanente Moanalua, Schedule Review, Honolulu, HI
Kaiser Permanente Cerritos MOB – Full TI Scheduling, Cerritos
Kaiser Permanente Moreno Valley – Green Field MOB
LAC+USC Medical Center Replacement Project, Los Angeles, CA
Laguna Honda Hospital, Schedule Delay, San Francisco, CA
Lawrence Berkeley National Laboratory, Molecular Foundry, Berkeley,
Loma Linda University Medical Center, Loma Linda, CA (Managed 300
million Construction Program)
Pacific Alliance Medical Center, Los Angeles, CA
Riverside Community Hospital ER Expansion, Riverside, CA

South Coast Medical Center, Emergency Department Remodel, Laguna

Greg Powers, Group President



RELEVANT EXPERIENCE (continued)

Hotel

Fontainebleau Resort & Casino, Las Vegas, NV - Scheduling
Four Seasons Hotel, Palo Alto, CA
Gaylord Hotel and Convention Center, Chula Vista, CA
Hotel del Coronado, Schedule Review, Coronado, CA
Hapuna Beach Princess Hotel, Kohala Coast, Hi – Earthquake Damage
Moana Kea Beach Hotel, Kohala Coast, Hawaii – Earthquake Damage
Pendry Hotel, West Hollywood, CA – 12 story new hotel
Grand LA Complex (27 Story) at Disney Concert Hall
La Quinta Inn – 3 projects
Hilton Hotels – 2 Projects
Senior Living Projects – 5 *largest is 360,000 sf

Housing/Residential

Red Brick has scheduled and guided over 30,000 housing units in 16 states – Some notables:

Brookfield vs. Padilla Construction, Ventura, CA
Forest City Metropolitan Lofts, Los Angeles, CA – Mediation
Glencoe Marina Lofts, Marina del Rey, CA
Dogtown Lofts, Venice, CA
Temple Lofts, Long Beach, CA – Mediation
The Raymond Renaissance, Theatre Renovation & Lofts, Pasadena, CA
Vista Del Sol Senior Housing – Redlands California
The Village at Santa Monica, Santa Monica, California
Parcel 'M' Grand Avenue – 22 story New Construction – Los Angeles
The Meridian – Newport Beach, CA – The New Home Company
Avanti at Calabasas – The New Home Company
Lennar Multi Family – 10 Projects: California, Washington, Oregon
Amcal Housing – 9 Projects: California, Washington, Texas
Westport/WPIC/West+Creek: 20 Multi Family Projects - California

Industrial / Utilities

Redding West Side Interceptor Sewer, Redding, CA
Sand Hill Steam Turbine Power Facility, Austin, TX
Shell Puget Sound Refinery, Anacortes, WA
Massaponax Waste Water Treatment Plant, Spotsylvania, VA
Port of Long Beach, Security Camera Upgrades, Schedule Review
UC DAVIS – Dairy Facility, San Bernardino, CA
Mitsubishi – Carbon Fiber Plant Expansion, Sacramento, CA

Infrastructure

New Model Colony, Backbone Infrastructure, Ontario, CA Los Angeles Airport, Imperial/Sepulveda Landscape Improvements Port of Los Angeles – Berths 136-139 Reconstruction, Los Angeles CA

Greg Powers, Group President



RELEVANT EXPERIENCE (continued)

Laboratory

Anchen Pharmaceuticals, Pilot Manufacturing Facility, Irvine, CA Applied Medical Resources, New Pharma-Molding Facility, LF, CA Applied Medical Resources, Rehab/New Med. Device Facility, RSM, CA

Community Civic Centers

Lake Forest Civic Center: \$80M Civic Center & Performing Arts

Theatres/Entertainment

Griffith Park Observatory, Los Angeles, CA
Secret Life of Pets Ride, Universal Studios, Universal City, CA
The Raymond Renaissance, Theatre Renovation & Lofts, Pasadena, CA
Jurupa Water Park, Riverside, CA
Various Disney Property Projects (Both Burbank, Glendale, Anaheim)
Quixote Sound Stages
Apple TV Sound Stages
Capistrano High School Performing Arts Center, Mission Viejo CA
The Rose Bowl Gates and Technology Upgrades, Pasadena CA
City of Lake Forest Performing Arts Center, Lake Forest CA

Transportation

5th Street Park & Ride, Lancaster, CA
Interstate 105 & 605, Norwalk, CA
Newport Avenue, Cowan Heights, CA
Olympiad/Felipe Road Widening, Mission Viejo, CA
Ridge Park Road, Newport Coast, CA
San Miguel & 101 Interchange, Monterey County, CA
Sierra Highway Reconstruction, Lancaster, CA
Westpark II Infrastructure, Irvine, CA

Aviation

SFO – Interim Boarding Area B Construction for Terminal 1

SFO – Airport Wide Wayfinding Project

SJC – Programming for Gates (Interim Gates 31-35)

LAX – High Mast Light Poles at Bradley Terminal

ONT – Perimeter Security/Fence upgrades

JWA – Master Scheduling Consultant on Various Projects

COL – Colorado Springs Terminal Refresh

REN – Reno Airport Masterplan and Program Programming

Greg Powers, Group President



Testimony/Mediation/Arbitration Experience

White Memorial Medical Center, Los Angeles, CA - Mediation City of Long Beach, Fire Stations, Long Beach, CA – Mediation Port of Long Beach Security Camera System, Long Beach, CA Landwin San Gabriel Hilton – Claim Defense & Expert Witness Lundquist vs. BLF Framing – Claim Defense Forest City Metropolitan Lofts – Mediation Temple Lofts, Long Beach, CA – Mediation City of Lancaster Park and Ride, Lancaster CA - Arbitration Tosei Moreno Valley, CA – Arbitration Dogtown Lofts, Venice, CA - Mediation The Century, Century City, LA – 42 story High Rise – Mediation Santa Monica Village, Santa Monica, CA - \$250M Mixed Use–Mediation Zwick vs. EHOFII Partners, Redondo Beach, CA – Delay Claim Mediation Cobalt v. PH Glendale, Glendale, CA – Multi-Family Mediation Shawmut v Bottega Louie, W Hollywood, CA Delay w/Court testimony Procraft v. Bearnards – Masonic Homes HCAI (OSHPD) Senior Living

8081 Moody Street, La Palma, California 90623-2045 (800) 229-2343 FAX (562) 860-4992

RESOLUTION NO. 2024-11 WR

A RESOLUTION OF THE EXECUTIVE COMMITTEE OF THE BOARD OF DIRECTORS OF THE CALIFORNIA JOINT POWERS INSURANCE AUTHORITY ALLOWING CERTAIN CLAIMS AND DEMANDS IN THE TOTAL AMOUNT OF \$8,598,629.10

The Executive Committee of the CALIFORNIA JOINT POWERS INSURANCE AUTHORITY does find and resolve as follows:

SECTION 1: The Treasurer or his designated representative, hereby certifies, and the C

DATED:

November 20, 2024

Chief Executive Officer hereby approves the accuracy of the demands set out in Exhibit A, which is attached hereto and incorporated herein by this reference, and to the availability of funds for payment thereof.		
	Jose Gomez, Treasurer	
	Alexander Smith, Chief Executive Officer	
SECTION 2: The list of claims and demands on Exhibit A have been audited as required by law and that the same are hereby allowed in the amount as hereafter set forth. ADOPTED AND APPROVED the 20th day of November 2024.		
	Margaret Finlay, President	
I, Tom Chavez, do hereby certify that I am the duly apport the CALIFORNIA JOINT POWERS INSURANCE AUTHOR and correct copy of Resolution No. 2024-10 WR adopted by the Authority at a regular meeting thereof on the 23rd day of October of said meeting.	RITY, and the foregoing is a true Executive Committee of said	

Tom Chavez, Secretary

WARRANT REGISTER

From: 10/1/2024 To: 10/31/2024

СНЕСК	PAYEE	AMOUNT	DESCRIPTION
DISBURSEM	MENT		
24734	California Association of Joint Powers Authorities	\$9,750.00	2024 CAJPA accreditation fee
24735	Davco Electric	\$6,425.00	Parking lot light poles finalLift rental for light poles
24736	Entertainment Services LA Inc.	\$300.00	WC symposium AV, 8/14/24
24737	Juve Creative, Inc.	\$33,764.40	Public Works Academy, 11/5/24 - 11/7/24, graphic design; Website newsletter; Website updates and maintenance; LMS development; 2024 RMEF graphic design
24738	Paul Joyner Photo	\$3,500.00	2024 RMEF photographer
24739	Marlin Leasing Corp	\$2,490.38	Printer lease , 10/24
24740 24741	QDoxs	\$257.74 \$10,500.00	Xerox printer meter Refund of invoice ADA-189
24741	City of Santa Paula Southern California Edison Company	\$3,692.84	Electricity charge, 9/24
24743	The Standard Insurance Company	\$7,176.85	AD&D, LIFE, LTD & STD, 10/24
24744	Vision Service Plan - Ca	\$1,172.22	Vision premium, 10/24
24745	Wex Bank	\$554.21	Authority vehicles' fuel, 9/24
24746	ACS Billing Service	\$3,023.74	Sanitation service, 8/24 & 9/24; Water service, 7/23/24 - 9/9/24
24747	AT&T	\$692.98	Internet service, 9/24
24748	Citi Cards	\$1,226.88	Office supplies, refreshments
24749	CPS HR Consulting	\$8,300.00	Self produced content
24750	Employment Check, Inc.	\$20.50	Pre-employment background check
24751	Exterminetics of Southern California, Inc.	\$135.00	Pest control, 9/24
24752	Gibbons & Conley	\$1,614.37	Legal service, 9/24
24753	Protelligent	\$23,016.67	Tech support, 11/24; Licensing & renewal; CRM support, 11/24
24754 24755	Smart System Technologies, Inc.	\$1,618.63	Facility maintenance, alarm system update and security system, 10/24
24756	City of Solvang Tripepi, Smith & Associates, Inc.	\$175.56 \$14,476.60	2024 BOD lodging Monthly retainer, 10/24; 2024 RMEF, capstone
24757	United Elevator Company	\$580.00	Elevator maintenance, 9/24 & 10/24
24758	Woodwork Professionals	\$7,500.00	Furinture, office desk
24759	City of Aliso Viejo	\$185.00	Refreshments for training workshop, 9/19/24
24760	Town of Apple Valley	\$1,155.00	Refreshments for training workshops, 9/9/24 - 9/26/24
24761	City of Artesia	\$195.00	Refreshments for training workshop, 8/20/24
24762	City of Azusa	\$85.00	Refreshments for training workshop, 9/19/24
24763	City of Bell Gardens	\$1,150.00	Refreshments for training workshops, 9/5/24 - 9/28/24
24764	Big Bear City Community Services District	\$480.00	Refreshments for training workshops, 9/4/24 - 9/5/24
24765	City of Big Bear Lake	\$1,050.00	Refreshments for training workshops, 9/18/24 - 9/19/24
Multiple	Participating LTF Committee Members	\$2,750.00	LTF Oversight Committee meeting, 10/2/24
24767	City of Camarillo	\$300.00	Refreshments for training workshop, 9/24/24
24768 24770	City of Claremont Alexa Davis	\$130.00 \$184.92	Refreshments for training workshop, 9/10/24
24770	City of Diamond Bar	\$450.00	Capstone mileage reimbursement Refreshments for training workshop, 9/25/24
24773	Manuel Enriquez	\$151.42	Capstone mileage reimbursement
24774	Entertainment Services LA Inc.	\$1,800.00	Liability summit AV, 8/19-20/24 and WC symposium AV, 8/15/24
24775	Dorna Farhadi	\$154.77	Capstone mileage reimbursement
24776	FedEx Office	\$8,635.04	Management Academy printing supplies and 2024 RMEF graphics
24777	City of Fillmore	\$140.00	Refreshments for training workshop, 9/25/24
24778	Fireline Defense LLC	\$1,600.00	Wildfire risk assessments, 2023-24 summary report
24779	City of Fountain Valley	\$390.00	Refreshments for training workshops, 9/18/24 - 9/25/24
24780	Gibbons & Conley	\$2,306.25	Legal service, 9/24
24781	City of Goleta	\$810.00	Supervisors Essential Skills workshop, 9/26/24
24782	City of Guadalupe	\$275.00	Refreshments for training workshops, 9/4/24 - 9/6/24
24783	Hermosa Beach	\$990.00	Refreshments for training workshops, 9/9/24 - 9/25/24
24786	Mary Kingman	\$168.84	Capstone mileage reimbursement
24787	City of La Mirada	\$170.00	Refreshments for training workshops, 9/16/24 - 9/26/24 Supervisors Essential Skills workshop, 9/19/24
24788 24789	City of La Puente City of La Quinta	\$1,260.00 \$690.00	Supervisors Essential Skills workshop, 9/12/24 Supervisors Essential Skills workshop, 9/12/24
24790	City of La Verne	\$1,080.00	Refreshments for training workshops, 9/4/24 - 9/5/24
24791	City of Lake Elsinore	\$180.00	Refreshments for training workshop, 9/16/24
24792	City of Lakewood	\$720.00	Refreshments for training workshop, 8/28/24
24793	Lemon Grove	\$75.00	Refreshments for training workshop, 9/4/24
24794	City of Monrovia	\$275.00	Refreshments for training workshops, 9/12/24 - 9/18/24
24795	City of Moorpark	\$285.00	Refreshments for training workshop, 9/17/24
24797	City of Morro Bay	\$1,200.00	Refreshments for training workshops, 9/18/24 - 9/26/24
24798	City of Norwalk	\$160.00	Refreshments for training workshop, 9/26/24
24800	Occupational Health Centers of California	\$69.00	Pre-employment physical
24801	City of Palm Desert	\$570.00	Refreshments for training workshop, 9/16/24
24802	City of Palos Verdes Estates	\$260.00	Refreshments for training workshops, 8/13/24 and 9/10/24
24803	City of Paso Robles	\$120.00	Refreshments for training workshop, 9/11/24
24805	City of Pismo Beach	\$180.00	Refreshments for training workshop, 9/12/24
24806	City of Port Hueneme	\$1,240.00	Refreshments for training workshops, 9/4/24 and 9/25/24

WARRANT REGISTER

From: 10/1/2024 To: 10/31/2024

CHECK	PAYEE	AMOUNT	DESCRIPTION
24807	City of Poway	\$2,670.00	Refreshments for training workshops, 9/5/24 and 9/10/24 - 9/12/24
24809	City of Rolling Hills Estates	\$235.00	Refreshments for training workshops, 9/10/24 - 9/18/24
24810	Rossmoor CSD	\$70.00	Refreshments for training workshop, 9/6/24
24811	City of San Clemente	\$155.00	Refreshments for training workshop, 9/17/24
24812	City of San Gabriel	\$700.00	Refreshments for training workshops, 8/15/24 - 8/26/24
24813	City of San Marcos	\$810.00	Refreshments for training workshop, 9/19/24
24814	City of Santa Clarita	\$875.00	Refreshments for training workshops, 9/11/24 - 9/24/24
24815	City of Signal Hill	\$360.00	Refreshments for training workshops, 8/29/24 - 9/5/24
24816	City of South El Monte	\$350.00	Refreshments for training workshops, 9/11/24 - 9/18/24
24817	City of Stanton	\$35.00	Refreshments for training workshop, 9/3/24
24818	City of Vista	\$870.00	Refreshments for training workshops, 9/10/24 - 9/19/24
24819	Bishop Consulting	\$24,670.00	DISC assessment training sessions, 8/29/24, California JPIA; Supervisor Essential Skills workshops,
24019	Disnop Consuming	\$24,070.00	9/19/24, La Puente; 9/26/24, Goleta; 9/5/24, Poway; 9/12/24, La Quinta; Management Academy, 9/17/24 - 9/18/24, San Diego
24820	CPS HR Consulting	\$4,800.00	Self produced content
24821	JSB Home Improvement, Inc.	\$10,000.00	El Capitan room remodeling deposit
24822	Kathy Espinoza Speaks	\$2,000.00	RMEF speaker fee
24823	Los Altos Trophy	\$133.47	LTF supplies, nameplate
24824	NATEC International, Inc.	\$5,449.24	Asbestos Cement Pipe workshop, 9/25/24, Port Hueneme; Asbestos Cement Pipe workshop, 10/15/24, San
			Clemente and 10/16/24, Fillmore
24825	Wex Bank	\$528.43	Authority vehicles' fuel, 10/24
20241011	American Express	\$65,408.35	Business expenses
EFT1010208	City of Alhambra	\$66.00	Refund of deposited checks, 9/26/24
EFT1010209	Health and Human Resource Center, Inc.	\$59.16	Employee assistance premium, 10/24
EFT1010210	Arete Advisors LLC	\$74,953.75	Cyber incident, 7/24
EFT1010211	Bedford Falls Insurance Services, Inc.	\$65,956.00	2024 LTF excess broker fee admendment
EFT1010212	Burke, Williams & Sorensen	\$6,653.00	Self produced content, curriculum development
EFT1010213	CallTower Inc.	\$1,090.82	Telephone service, 9/24 & 10/24
EFT1010214	Carl Warren & Company	\$813,807.25	Liability claims administrative fee, October - December 2024
Multiple	Executive Committee Members	\$17,682.52	Executive Committee meeting, 9/25/24 and 10/23/24
EFT1010216		\$137,950.25	
	Computer Science Corporation Tribridge Holdings LLC		LMS development
EFT1010218	CSI Litigation Psychology LLC	\$9,523.48	Liability Attorney Summit, speaker
EFT1010219	Delta Dental	\$4,709.56	Delta premium, 10/24
EFT1010220	Amy Dolson	\$1,567.50	Risk tech, 9/24
EFT1010221	Ergo Solutions, Inc.	\$2,119.00	Erogomics workshop, 9/3/24, Paramount
EFT1010225	Guy Carpenter Broking, Inc.	\$77,190.54	2024-25 Excess/RE liability premium and 2024-25 Cyber liability premium
EFT1010226	Harbinger Horizon	\$8,306.33	Cultural Diversity & Implicit Biases workshop, 8/26/24, San Gabriel; Strategic Communciation - Deescalation workshop, 8/27/24, Calabasas; Workplace Harassment Prevention workshops, 9/4/24 and 9/6/24, Guadalupe
EFT1010229	OC CPR Training	\$26,173.87	CPR/AED/First-Aid Safety workshops, 8/12/24, Goleta, 8/12/24; Hermosa Beach, 8/14/24, Palm Desert, 8/20/24, Dana Point, 8/21/24 and 8/22/24, La Mirada, 8/22/24, Signal Hill, 8/24/24, Commerce
EFT1010230	OSTS, Inc	\$19,040.88	NFPA 70e Arc Flash workshop, 8/14/24, La Verne; Traffic Control Technician & Flagger Operations workshops, 8/7/24 and 8/8/24, Morro Bay; Hazardous Materials workshop, 8/9/24, Cerritos; Hazwoper First Responder Awareness workshops, 7/31/24, 8/1/24 and 8/8/24, Palm Desert; 8/8/24, Ventura Port District; 8/7/24, Lemon Grove; Hand and Portable Power Tools workshop, 8/14/24, Azusa; Fall Protection Awareness workshop, 8/14/24, Azusa
EFT1010231	PARS	\$1,000.00	Retirement plan administration fee, 7/24
EFT1010232	Public Sector Excellence	\$7,359.30	Management Academy, 9/17/24 - 9 /19/24, Rancho Bernardo, instructor fee
EFT1010234	Safehub Inc.	\$54,375.00	Earthquake monitoring service 2024-25
Multiple	California JPIA Employees	\$9,239.51	Business expense reimbursement
EFT1010237	Triden Group Corporation	\$17,072.00	Cyber assessment, Aliso Viejo and Dana Point
	1 1		
EFT1010241	W.T. Durant, Inc.	\$3,573.11	Big Sur building design
EFT1010242	MissionSquare Retirement - 303081	\$22,157.65	Deferred compensation, 9/21/24 - 10/4/24
EFT1010243	U.S. Bank N.A. Minnesota	\$1,929.79	PARS benefit contribution, 9/21/24 - 10/4/24
EFT1010244	Charles Schwab	\$625.81	401A plan contribution, 10/8/24
EFT1010246	Jeff Bills	\$3,000.00	Monthly retainer, 10/24
EFT1010247	Blazing Trails Media	\$6,050.00	Self produced content
EFT1010248	Constangy, Brooks, Smith & Prophete LLP	\$5,190.50	Cyber incident coaching
EFT1010249	Guy Carpenter & Company, LLC	\$78,660.25	Liability & Workers Compensation program, broker fee
EFT1010250	JW Software	\$1,960.00	Filehandler customization
EFT1010251	Nadel	\$7,317.42	2024 RMEF attendee giveaway, laptop sleeves
EFT1010252	Paylocity	\$140.00	Monthly FSA management fee
EFT1010253	MissionSquare Retirement - 303081	\$20,831.65	Deferred compensation, 10/5/24 - 10/18/24
EFT1010254	U.S. Bank N.A. Minnesota	\$1,828.69	PARS benefit contribution, 10/5/24 - 10/18/24
EFT1010255	Burke, Williams & Sorensen	\$15,301.00	EPL handbook development; Employment Hotline; Curriculum development
EFT1010256	Citrin Cooperman Advisors LLC	\$27,967.46	CRM and RIMS support, 9/24; CRM development
EFT1010257	Cvent	\$1,464.00	LMS user registrations

WARRANT REGISTER

From: 10/1/2024 To: 10/31/2024

PATER
EPT100269 Emburk Safety
EPT1010225
EPT1010225
First Firs
Harman Productivity Systems, Inc. 19.9 19.30 Management Academy, 91724 - 91024, Huntington Beach speaker 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0
SEP 1000265 SO Services Inc.
EFT1010275
FFT1010275 Steven F. Albrecht S1.800.0 First Ammendment Auditors workshop, 93/24, Santa Clarita: Encountering the Homeless workshop, 910/24, Claremont; Business Writing for Success workshop, 930/24, Fountain Valley
First Amendment Auditors workshop, 9/10/24, Santa Claritz, Encountering the Homeless workshop, 9/10/24 Claremont; Business Writing for Success workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Santa Claritz, Encountering the Homeless workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Santa Claritz, Encountering the Homeless workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Santa Claritz, Encountering the Homeless workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Santa Claritz, Encountering the Homeless workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Fountain Valley First Amendment Auditors workshop, 9/30/24, Cervitors; Social Media workshop, 6/11/24, Imperial Perf 10/1028 First Amendment Auditors workshop, 9/30/24, Fountain Valley Imperial Perf 10/1028 First Amendment Auditors workshop, 9/30/24, Rolling Hills Estates First Organics workshop, 9/30/24, Fountain Valley, 9/30/24, Hermosa Beach, 9/30/24, Bill Cardens, 9/30/24, Bill
10/24 Claremont; Business Writing for Success workshop, 9/30/24, Fountain Valley
Burke, Williams & Sorensen
Montroviar, Power of the Pen workshop, 7/1024, Paramount; Everyday Ethics workshop, 7/17/24, San Dimas; Working in a Fishbowl workshop, 6/13/24, Cerritor; Social Media workshop, 6/13/24, Cerritor;
Dimas; Working in a Fishbowl workshop, 6/13/24, Cerritos; Social Media workshop, 6/11/24, Imperial Dimas; Working in a Fishbowl workshop, 6/13/24, Cerritos; Social Media workshop, 6/11/24, Imperial Piritor (1988)
EFT1010282
EFT1010284 D. Renec Christensen, Inc S2,000.00 SES workshop planning
EFT1010286 Dychelon LLC S1,000.00 First Amendment Auditors workshop, 9/18/24, Rolling Hills Estates Ergo Solutions, Inc. S6,908.51 Erogomics workshops, 10/9/24, Norwalk; 9/19/24, Aliso Viejo; 9/24/24, Camarillo
EFT1010286 Ergo Solutions, Inc. \$6,908.51 Ergomics workshops, 10/9/24, Norwalk; 9/19/24, Aliso Viejo; 9/24/24, Camarillo EFT1010290 Harbinger Horizon \$1,959.38 Workplace Harassment Prevention workshops, 9/12/24, Norwalk EFT1010294 Eduardo A. Montez \$3,954.44 Pepper Spray Defense workshop, 10/16/24, Desert Recreation District EFT1010294 OC CPR Training \$53,370.73 CPR/AED/First-Aid Safety workshops, 9/24/24 and 9/25/24, Carpinteria, 9/25/24, Fountain Valley, 9/9/24, Hermosa Beach, 9/10/24, Vista, 8/16/24, Palm Desert, 9/18/24, Bell Gardens, 9/18/24, Annual Paula EFT1010295 OSTS, Inc \$11,739.25 Trench/Shoring/Excavating Competent Person workshops, 9/42/4 and 9/5/24, La Verne; Lock-Out Tag-Out Authorized and Basic Electrical Safety workshops, 9/3/24, Stanton, 9/10/24, Signal Hill; Audiometric workshop, 9/4/24, Indio; Hazwoper First Responder Awareness workshop, 9/5/24, Signal Hill; -Driver Safety workshops, 9/5/24, Bell Gardens, 9/10/24, Palos Verdes Estates; Hand and Portable Power Tools workshop, 9/4/24, Lemon Grove EFT1010299 Triden Group Corporation \$9,824.00 Cyber assessment, Seal Beach GENERAL 2754098 CalPERS \$2,446,090.30 GENERAL 2754090 CalPERS \$32,075.20 Business expenses 2754100 CalPERS \$27,120.45 PERS contribution, 9/21/24 - 10/4/24
EFT1010290
EFT1010293
EFT1010294
9/26/24, Morro Bay, 9/28/24, Bell Gardens, 9/30/24, Santa Fe Springs, 10/2/24, Fountain Valley, 9/9/24, Hermosa Beach, 9/10/24, Vista, 9/16/24, Palm Desert, 9/18/24, Bell Gardens, 9/18/24, Santa Paula FeFT1010295
Out Authorized and Basic Electrical Safety workshops, 9/3/24, Stanton, 9/10/24, Signal Hill; Audiometric workshop, 9/4/24, Indio; Hazwoper First Responder Awareness workshops, 9/4/24 and 9/5/24, Big Bear City CSD, 7/11/24, Pacific Grove; Confined Space Entry Refresher workshop, 9/5/24, Signal Hill;Driver Safety workshops, 9/5/24, Bell Gardens, 9/10/24, Palos Verdes Estates; Hand and Portable Power Tools workshop, 9/4/24, Lemon Grove EFT1010299 Triden Group Corporation \$9,824.00 Cyber assessment, Seal Beach DISBURSEMENT TOTAL \$2,446,090.30 GENERAL 2754098 CalPERS \$82,215.74 Medical premium, 10/24 20241029 Chase Bank \$32,075.20 Business expenses 2754100 CalPERS \$27,120.45 PERS contribution, 9/21/24 - 10/4/24
DISBURSEMENT TOTAL \$2,446,090.30
GENERAL 2754098 CalPERS \$82,215.74 Medical premium, 10/24 20241029 Chase Bank \$32,075.20 Business expenses 2754100 CalPERS \$27,120.45 PERS contribution, 9/21/24 - 10/4/24
2754098 CalPERS \$82,215.74 Medical premium, 10/24 20241029 Chase Bank \$32,075.20 Business expenses 2754100 CalPERS \$27,120.45 PERS contribution, 9/21/24 - 10/4/24
2754098 CalPERS \$82,215.74 Medical premium, 10/24 20241029 Chase Bank \$32,075.20 Business expenses 2754100 CalPERS \$27,120.45 PERS contribution, 9/21/24 - 10/4/24
20241029 Chase Bank \$32,075.20 Business expenses 2754100 CalPERS \$27,120.45 PERS contribution, 9/21/24 - 10/4/24
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2754101 CalPERS \$8,362.04 PERS contribution, 9/21/24 - 10/4/24
2761313 CalPERS \$26,331.05 PERS contribution, 10/5/24 - 10/18/24
2761314 CalPERS \$8,662.44 PERS contribution, 10/5/24 - 10/18/24
GENERAL TOTAL \$184,766.92
IMPREST ACCOUNTS DISBURSMENT
California JPIA Excess WC \$39.48 Claim Payment
ACCT# XXX-XXX5184 Ck# 10000
California JPIA CCCSIF Workers \$59,061.65 CCCSIF WC claims reimbursement
ACCT# XXX-XXX5176
California JPIA Excess Liability \$245,450.22 Excess Liability claims reimbursement ACCT# XXXXXX9247 Ck#1205,1225
ACCT# XXX-XXX9247 Ck#1205-1225
ACCT# XXX-XXX9247 Ck#1205-1225 California JPIA Liability \$2,496,984.82 Liability claims reimbursement
ACCT# XXX-XXX9247 Ck#1205-1225
ACCT# XXX-XXX9247 Ck#1205-1225 California JPIA Liability \$2,496,984.82 Liability claims reimbursement ACCT# XXX-XXX3224 Ck#6881-7223
ACCT# XXX-XXX9247 Ck#1205-1225 California JPIA Liability \$2,496,984.82 Liability claims reimbursement ACCT# XXX-XXX3224 California JPIA WC \$2,291,469.33 WC claims reimbursement

WARRANT REGISTER

From: 10/1/2024 To: 10/31/2024

CHECK	PAYEE	AMOUNT	DESCRIPTION
,	California JPIA Payroll	\$191,142.92	Payroll account reimbursement for pay period
	ACCT# XXX-XXX2794		Oct 1 2024-Oct 31 2024
	California JPIA Payroll	\$286,862.16	Payroll account reimbursement for pay period
	ACCT# XXX-XXX2794		Oct 1 2024-Oct 31 2024
	California JPIA Property	\$646,823.27	Property claims reimbursement
	ACCT# XXX-XXX5066		Ck# 8621-8645
	Voided - California JPIA Checks	(\$252,053.62)	All Imprest Account
	IMPREST ACCOUNTS DISBURSMENT TOTAL	\$5,967,771.88	_
	GRAND TOTAL	\$8,598,629.10	_ _

In accordance with Article VII, of the Bylaws of the California Joint Powers Insurance Authority, the Chief Executive Officer hereby certifies to the accuracy of the demands and to the availability of funds for payment thereof.

Alexander C. Smith, Chief Executive Officer