

Santa Cruz County Treasurer's

# Quarterly Investment Report

For the Quarter Ended  
December 31, 2022



**Edith Driscoll**  
**Auditor – Controller – Treasurer - Tax Collector**

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## MEMBERS AND AUDIT PROCESS

<b>Treasury Oversight Commission - Commissioner List</b>			
<i>Representation Category:</i>	<i>Name:</i>	<i>Vot/Alt/Advisory:</i>	<i>Title:</i>
<b>Board of Supervisors</b>	Supervisor Manu Koenig	Voting Member	<i>Board of Supervisor - 1st District</i>
	Position Vacant	Alternate	<i>Position Vacant</i>
<b>Superintendent of Schools*</b>	Dr. Faris Sabbah	Voting Member	<i>County Superintendent of Schools</i>
	Ms. Liann Reyes	Alternate	<i>Deputy Superintendent - Business Services</i>
<b>Special Districts</b>	Mr. Chuck Farmer**	Voting Member	<i>Chief Financial Officer, Santa Cruz METRO</i>
	Chief Ron Whittle	Alternate	<i>Fire Chief, City of Scotts Valley</i>
<b>County School Districts</b>	Mr. Chris Shiermeyer	Voting Member	<i>Superintendent, San Lorenzo VUSD</i>
	Mr. Jim Monreal	Alternate	<i>Asst. Superintendent - Business Services</i>
<b>Public Members</b>	Dr. Gail Mahood	Voting Member	<i>Public Member</i>
	Mr. David Culver	Alternate	<i>Public Member</i>
<b>Advisory Staff</b>	Ms. Edith Driscoll	Advisory	<i>Auditor - Controller - Treasurer - Tax Collector</i>
	Mr. Brandon Marquez	Advisory	<i>County Investment Officer</i>
	Ms. Laura Bowers	Advisory	<i>Chief Deputy Auditor - Controller</i>
	Mr. Carlos Palacios	Advisory	<i>County Administrative Officer</i>
	Mr. Marcus Pimentel	Advisory	<i>County Budget Manager</i>

\* Treasury Oversight Commission Chairperson

\*\* Treasury Oversight Commission Vice Chairperson

The Office of the Santa Cruz County Auditor-Controller-Treasurer-Tax Collector (ACTTC) is included in the County's annual financial audit process. The County's Audit Committee selects an external audit firm to perform the annual audit which includes a review of the internal controls of the County and the ACTTC. Additionally, in compliance with Section 26920 of the Government Code of the State of California, four quarterly audits are performed by the county auditor to review the Treasurer's statement of assets in the county treasury. These audits include manual cash counts, verification of records, and a report to the Board of Supervisors in accordance with the appropriate professional standards, as determined by the ACTTC.



# COUNTY OF SANTA CRUZ

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January 9, 2023

Board of Supervisors  
County of Santa Cruz  
701 Ocean Street  
Santa Cruz, CA 95060

Subject: **CERTIFICATION OF LIQUIDITY**

Dear Members of the Board:

This report shows the investment activity for the quarter ending December 31, 2022 of pooled funds on deposit with the Treasurer and that it is in compliance with California Government Code Sections 27000 et seq., 53600 et seq., and the County's 2022 Investment Policy.

Attached are summaries of the Portfolio Structure, Investment Details, Securities Activity by Brokers, and other information to provide a better understanding of the investment activity that has occurred through December 31, 2022.

Pursuant to Government Code § 53646(b)(3), I certify that because of the liquidity of the pool and the county's issuance of Teeter Notes and TRANS, the county has the ability to meet the pool's expenditure requirements for the next six months.

Respectfully submitted,

DocuSigned by:

1/9/2023

EDITH DRISCOLL

Auditor-Controller-Treasurer-Tax Collector

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## SUMMARY REPORTS

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1. County of Santa Cruz Portfolio Summary including:
  - a) Issuer
  - b) Type of Asset
  - c) Cost at Purchase
  - d) Current Book Value
  - e) Yield
  - f) Par Value
  - g) Market Value
  - h) Percent of Portfolio
  - i) Percent Allowed
  - j) Purchase Date
  - k) Maturity Date
  - l) Credit Rating
  - m) Source of Valuation
  
2. Portfolio Size and Composition Report
  - a) Portfolio Balance Trend
  - b) Portfolio Composition by Type
  
3. Portfolio Yield
  - a) Net Yield History / Comparison to LAIF
  - b) Net Yield Trend / Comparison to LAIF
  
4. County of Santa Cruz Investment Pool Maturity Distribution
  
5. County of Santa Cruz Investment Pool Credit Quality Distribution
  
6. County of Santa Cruz Investment Pool Source of Funds

**Santa Cruz County Treasurer's Portfolio**  
As of December 31, 2022

ISSUER	COST	BOOK VALUE	YIELD	PAR VALUE	MARKET VALUE (1)	% of PORTFOLIO	% ALLOWED	PURCHASE DATE	MATURITY DATE	CREDIT RATING (2)
<b><u>U.S. Treasuries</u></b>										
U.S.Trust	16,995,241.50	16,999,609.96	0.15%	17,000,000.00	16,948,830.00	1.28%	100%	04/07/21	01/31/23	Aaa/AA+/AAA
US Treasury N/B	15,247,112.78	15,018,851.31	0.35%	15,000,000.00	14,948,700.00	1.13%	100%	12/14/21	02/15/23	Aaa/AA+/AAA
U.S.Trust	19,982,572.22	9,995,507.81	0.24%	10,000,000.00	9,821,500.00	0.75%	100%	10/08/21	05/31/23	Aaa/AA+/AAA
U.S.Trust	24,868,389.42	24,962,623.12	0.49%	25,000,000.00	24,553,750.00	1.88%	100%	12/14/21	05/31/23	Aaa/AA+/AAA
US Treasury N/B	24,901,538.89	24,970,193.38	0.52%	25,000,000.00	24,515,750.00	1.88%	100%	12/16/21	06/15/23	Aaa/AA+/AAA
US Treasury N/B	14,659,870.83	14,689,937.50	4.74%	15,000,000.00	14,697,600.00	1.11%	100%	12/16/22	06/15/23	Aaa/AA+/AAA
U.S.Trust	8,810,595.22	8,925,535.43	1.83%	9,000,000.00	8,800,290.00	0.67%	100%	03/23/22	06/30/23	Aaa/AA+/AAA
US Treasury N/B	17,972,484.90	17,992,160.41	0.21%	18,000,000.00	17,562,600.00	1.36%	100%	04/14/21	07/15/23	Aaa/AA+/AAA
US Treasury N/B	29,835,733.70	29,938,368.82	0.51%	30,000,000.00	29,271,000.00	2.26%	100%	12/21/21	07/15/23	Aaa/AA+/AAA
U.S.Trust	29,781,114.13	29,914,440.96	0.62%	30,000,000.00	29,210,100.00	2.25%	100%	12/30/21	07/31/23	Aaa/AA+/AAA
U.S.Trust	11,981,418.34	11,994,782.00	0.20%	12,000,000.00	11,667,720.00	0.90%	100%	03/25/21	08/15/23	Aaa/AA+/AAA
U.S.Trust	9,710,976.35	9,861,933.31	2.40%	10,000,000.00	9,723,100.00	0.74%	100%	04/25/22	08/15/23	Aaa/AA+/AAA
U.S.Trust	4,961,808.32	4,984,447.11	0.60%	5,000,000.00	4,849,050.00	0.38%	100%	12/16/21	08/31/23	Aaa/AA+/AAA
U.S.Trust	14,997,342.24	14,997,316.60	0.15%	15,000,000.00	14,529,450.00	1.13%	100%	02/03/21	09/15/23	Aaa/AA+/AAA
U.S.Trust	21,896,936.73	21,959,247.00	0.30%	22,000,000.00	20,976,780.00	1.65%	100%	04/05/21	01/15/24	Aaa/AA+/AAA
US Treasury N/B	18,147,371.59	17,412,439.61	0.25%	17,000,000.00	16,598,290.00	1.31%	100%	03/03/21	01/31/24	Aaa/AA+/AAA
U.S.Trust	19,946,231.87	19,979,778.99	0.22%	20,000,000.00	19,002,400.00	1.50%	100%	02/17/21	02/15/24	Aaa/AA+/AAA
U.S.Trust	14,968,282.95	14,985,230.72	0.32%	15,000,000.00	14,118,150.00	1.13%	100%	05/20/21	05/15/24	Aaa/AA+/AAA
<b>Total US Treasuries</b>	<b>319,665,021.98</b>	<b>309,582,404.04</b>	<b>0.68%</b>	<b>310,000,000.00</b>	<b>301,795,060.00</b>	<b>23.32%</b>	<b>100%</b>			
<b><u>U.S. Government Agencies</u></b>										
Federal Home Loan Bank	15,435,995.83	15,018,539.84	1.46%	15,000,000.00	14,937,450.00	1.13%	100%	02/18/20	03/10/23	Aaa/AA+/AAA
Federal Farm Credit Bank	9,974,200.00	9,998,219.03	0.88%	10,000,000.00	9,930,100.00	0.75%	100%	03/23/20	03/15/23	Aaa/AA+/AAA
Federal Farm Credit Bank	19,982,572.22	19,995,448.18	0.23%	20,000,000.00	19,676,600.00	1.51%	100%	10/08/21	05/15/23	Aaa/AA+/AAA
Federal National Mort. Assoc.	9,960,405.56	9,982,337.09	0.59%	10,000,000.00	9,765,500.00	0.75%	100%	12/30/21	07/10/23	Aaa/AA+/AAA
Federal Farm Credit Bank	15,000,000.00	15,000,000.00	0.45%	15,000,000.00	14,631,900.00	1.13%	100%	11/24/21	07/24/23	Aaa/AA+/AAA
Federal Home Loan Bank	25,201,458.33	25,008,418.79	2.17%	25,000,000.00	24,589,000.00	1.88%	100%	03/29/22	08/30/23	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	19,928,947.22	19,981,070.70	0.25%	20,000,000.00	19,981,070.70	1.51%	100%	10/21/20	10/16/23	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	18,000,000.00	18,000,000.00	0.32%	18,000,000.00	17,341,740.00	1.36%	100%	11/02/20	11/02/23	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	9,995,500.00	9,998,730.34	0.27%	10,000,000.00	9,620,500.00	0.75%	100%	11/05/20	11/06/23	Aaa/AA+/AAA
Federal Farm Credit Bank	14,992,500.00	14,996,437.50	0.69%	15,000,000.00	14,390,550.00	1.13%	100%	12/13/21	12/13/23	Aaa/AA+/AAA
Federal Farm Credit Bank	18,015,290.00	18,004,850.88	0.20%	18,000,000.00	17,158,860.00	1.36%	100%	02/03/21	01/19/24	Aaa/AA+/AAA
Federal Home Loan Bank	15,000,000.00	15,000,000.00	3.40%	15,000,000.00	14,748,000.00	1.13%	100%	07/29/22	01/26/24	Aaa/AA+/AAA
Federal Home Loan Bank	20,000,000.00	20,000,000.00	0.80%	20,000,000.00	18,878,600.00	1.51%	100%	11/30/21	05/24/24	Aaa/AA+/AAA
Federal Home Loan Bank	10,000,000.00	10,000,000.00	2.72%	10,000,000.00	9,691,100.00	0.75%	100%	04/28/22	05/28/24	Aaa/AA+/AAA
Federal Home Loan Bank	29,723,664.67	29,343,381.57	2.70%	29,270,000.00	28,593,863.00	2.21%	100%	05/13/22	06/14/24	Aaa/AA+/AAA
Federal Home Loan Bank	25,000,000.00	25,000,000.00	1.05%	25,000,000.00	23,597,500.00	1.88%	100%	01/25/22	07/25/24	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	20,000,000.00	20,000,000.00	3.65%	20,000,000.00	19,696,000.00	1.51%	100%	07/29/22	07/26/24	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	25,000,000.00	25,000,000.00	2.63%	25,000,000.00	24,144,750.00	1.88%	100%	04/29/22	07/29/24	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	20,000,000.00	20,000,000.00	3.05%	20,000,000.00	19,530,200.00	1.51%	100%	05/26/22	08/26/24	Aaa/AA+/AAA
Federal Farm Credit Bank	20,043,100.00	20,020,868.63	0.32%	20,000,000.00	18,370,800.00	1.51%	100%	01/27/21	01/15/25	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	20,000,000.00	20,000,000.00	4.05%	20,000,000.00	19,717,200.00	1.51%	100%	08/15/22	08/15/25	Aaa/AA+/AAA
Fed.Home Loan Mtg.Corp	14,965,593.75	14,972,451.20	0.44%	15,000,000.00	13,498,200.00	1.13%	100%	12/22/20	09/23/25	Aaa/AA+/AAA
Federal Home Loan Bank	15,000,000.00	15,000,000.00	1.15%	15,000,000.00	13,272,300.00	1.13%	100%	10/28/21	10/28/26	Aaa/AA+/AAA
<b>Total Government Agencies</b>	<b>411,219,227.58</b>	<b>410,320,753.75</b>	<b>1.56%</b>	<b>410,270,000.00</b>	<b>395,761,783.70</b>	<b>30.91%</b>	<b>100%</b>			
<b><u>Supranationals</u></b>										
Inter-American Devel Bank	10,570,416.67	10,010,638.36	0.24%	10,000,000.00	9,992,600.00	0.75%	30%	11/03/20	01/18/23	Aaa/AAA/AAA
International Fin Corp	16,309,531.25	15,213,435.01	0.41%	15,000,000.00	14,832,150.00	1.15%	30%	06/09/20	07/31/23	Aaa/AAA/NA
Int Bank of Recon & Developmen	17,980,425.00	17,993,757.14	0.29%	18,000,000.00	17,301,780.00	1.36%	30%	12/03/20	11/24/23	Aaa/AAA/NA
Inter-American Devel Bank	15,101,100.00	14,416,639.20	0.37%	14,000,000.00	13,712,860.00	1.09%	30%	03/15/21	02/21/24	Aaa/AAA/AAA
Int Bank of Recon & Developmen	15,021,614.58	15,000,000.00	0.63%	15,000,000.00	13,760,250.00	1.13%	30%	07/15/21	04/22/25	Aaa/AAA/NA
Int Bank of Recon & Developmen	17,942,900.00	17,949,089.82	0.60%	18,000,000.00	16,170,840.00	1.35%	30%	02/18/21	10/28/25	Aaa/AAA/NA
<b>Total Supranationals</b>	<b>92,925,987.50</b>	<b>90,583,559.53</b>	<b>0.43%</b>	<b>90,000,000.00</b>	<b>85,770,480.00</b>	<b>6.82%</b>	<b>30%</b>			

**Santa Cruz County Treasurer's Portfolio  
As of December 31, 2022**

ISSUER	COST	BOOK VALUE	YIELD	PAR VALUE	MARKET VALUE (1)	% of PORTFOLIO	% ALLOWED	PURCHASE DATE	MATURITY DATE	CREDIT RATING (2)
<b>Medium Term Notes</b>										
Apple Inc	15,286,000.00	15,006,490.30	2.53%	15,000,000.00	14,958,750.00	1.13%	30%	06/03/19	02/23/23	Aaa/AA+/NA
Apple Inc	4,057,306.67	4,005,132.85	2.02%	4,000,000.00	3,968,000.00	0.30%	30%	04/07/22	05/03/23	Aaa/AA+/AA+
Apple Inc	8,123,551.50	8,127,759.32	3.04%	8,145,000.00	8,079,840.00	0.61%	30%	06/16/22	05/03/23	Aaa/AA+/AA+
Bank of America	3,372,682.95	3,314,039.04	2.99%	3,276,000.00	3,247,793.64	0.25%	30%	04/22/22	01/22/24	A2/A-/AA-
Bank of America	10,000,000.00	10,000,000.00	3.10%	10,000,000.00	9,714,500.00	0.75%	30%	04/29/22	04/29/24	A2/A-/AA-
Bank of America	20,000,000.00	20,000,000.00	1.00%	20,000,000.00	18,746,200.00	1.51%	30%	12/03/21	06/03/24	A2/A-/AA-
Caterpillar Financial Services	3,076,495.00	3,028,152.46	2.62%	3,000,000.00	2,931,870.00	0.23%	30%	04/14/22	06/09/24	A2/A/A
Microsoft Corp	17,665,053.60	17,581,086.07	2.60%	17,544,000.00	16,853,994.48	1.32%	30%	04/06/22	02/12/25	Aaa/AAA/AAA
Bank of America	10,000,000.00	10,000,000.00	2.35%	10,000,000.00	9,353,500.00	0.75%	30%	03/10/22	03/10/25	A2/A-/AA-
Merck & Co Inc	4,970,725.00	4,976,912.45	0.90%	5,000,000.00	4,427,000.00	0.37%	30%	09/24/21	02/24/26	A1/A+/A+
<b>Total Medium Term Notes</b>	<b>96,551,814.72</b>	<b>96,039,572.49</b>	<b>2.22%</b>	<b>95,965,000.00</b>	<b>92,281,448.12</b>	<b>7.23%</b>	<b>30%</b>			
<b>Negotiable CDs</b>										
Toronto Dominion Bank	25,000,000.00	25,000,000.00	0.48%	25,000,000.00	24,962,250.00	1.88%	30%	12/15/21	01/13/23	P1/A1+/F1
Swedbank NY	30,000,000.00	30,002,852.51	5.14%	30,000,000.00	30,012,000.00	2.26%	30%	12/07/22	06/26/23	P1/A1+/F1
<b>Total Negotiable CDs</b>	<b>55,000,000.00</b>	<b>55,002,852.51</b>	<b>3.02%</b>	<b>55,000,000.00</b>	<b>54,974,250.00</b>	<b>4.14%</b>	<b>30%</b>			
<b>Municipal Bonds</b>										
University of Calif	3,113,115.83	3,008,169.78	1.76%	3,000,000.00	2,978,790.00	0.23%	100%	11/05/19	05/15/23	Aa3/AA-/AA-
Calif Health Fac Fin & Auth	6,500,000.00	6,500,000.00	0.55%	6,500,000.00	6,399,965.00	0.49%	100%	11/04/20	06/01/23	Aa3/AA-/AA-
Cabrillo Comm College GO	3,035,000.00	3,035,000.00	1.96%	3,035,000.00	2,988,989.40	0.23%	100%	10/08/19	08/01/23	Aa2/AA/NA
COUNTY OF SANTA CLARA	2,469,263.40	2,452,946.70	1.39%	2,430,000.00	2,336,177.70	0.18%	100%	03/03/22	08/01/24	NA/AAA/AA+
University of Calif	9,430,824.50	9,049,982.35	0.92%	8,600,000.00	8,270,362.00	0.68%	100%	04/01/21	07/01/25	Aa2/AA/AA
Cabrillo Comm College GO	1,172,879.19	1,178,117.01	3.50%	1,215,000.00	1,140,171.39	0.09%	100%	08/25/22	08/01/25	Aa2/AA/NA
Suc Agc City & County San Fran	4,299,555.00	4,285,288.02	1.23%	4,250,000.00	3,881,695.00	0.32%	100%	12/15/21	08/01/25	NA/AA/NA
HAWAII ST	10,004,713.06	10,000,000.00	0.89%	10,000,000.00	8,784,900.00	0.75%	100%	08/20/21	08/01/26	Aa2/AA+/AA
Los Angeles Community College	5,000,507.78	4,987,487.91	1.25%	5,000,000.00	4,401,900.00	0.38%	100%	11/15/21	08/01/26	Aaa/AA+/NA
<b>Total Municipal Bonds</b>	<b>45,025,858.76</b>	<b>44,496,991.77</b>	<b>1.15%</b>	<b>44,030,000.00</b>	<b>41,182,950.49</b>	<b>3.35%</b>	<b>100%</b>			
<b>Checking</b>										
US Bank Checking	31,499,085.82	31,499,085.82	0.01%	31,499,085.82	31,499,085.82	2.37%	10%	NA	NA	NR
<b>Total Checking</b>	<b>31,499,085.82</b>	<b>31,499,085.82</b>	<b>0.01%</b>	<b>31,499,085.82</b>	<b>31,499,085.82</b>	<b>2.37%</b>	<b>10%</b>			
<b>Money Market Funds (3)</b>										
US Bank MMF	-	-	0.01%	-	-	0.00%	20%	NA	NA	NR
Bank of the West	15,000,000.00	15,000,000.00	3.50%	15,000,000.00	15,000,000.00	1.13%	20%	NA	NA	NR
CAMP	275,000,000.00	275,000,000.00	3.90%	275,000,000.00	275,000,000.00	20.71%	25%	NA	NA	AAAm
<b>Total Money Market Funds</b>	<b>290,000,000.00</b>	<b>290,000,000.00</b>	<b>3.88%</b>	<b>290,000,000.00</b>	<b>290,000,000.00</b>	<b>21.84%</b>				
<b>Miscellaneous Investments</b>										
LAIIF (3)	52,212.99	52,212.99	1.99%	52,212.99	52,212.99	0.00%	10%	NA	NA	NR
<b>Total Misc. Investments</b>	<b>52,212.99</b>	<b>52,212.99</b>	<b>1.27%</b>	<b>52,212.99</b>	<b>52,212.99</b>	<b>0.00%</b>	<b>10%</b>			
<b>GRAND TOTAL</b>	<b>1,341,939,209.35</b>	<b>1,327,577,432.90</b>	<b>1.84%</b>	<b>1,326,816,298.81</b>	<b>1,293,317,271.12</b>	<b>100%</b>				

- (1) Market Value pricing obtained from US Bank safekeeper (custodial bank).  
(2) Split ratings reflect ratings from Moodys, S&P, and Fitch  
(3) Money Market Mutual Fund/LAIIF balances do not include current month interest.

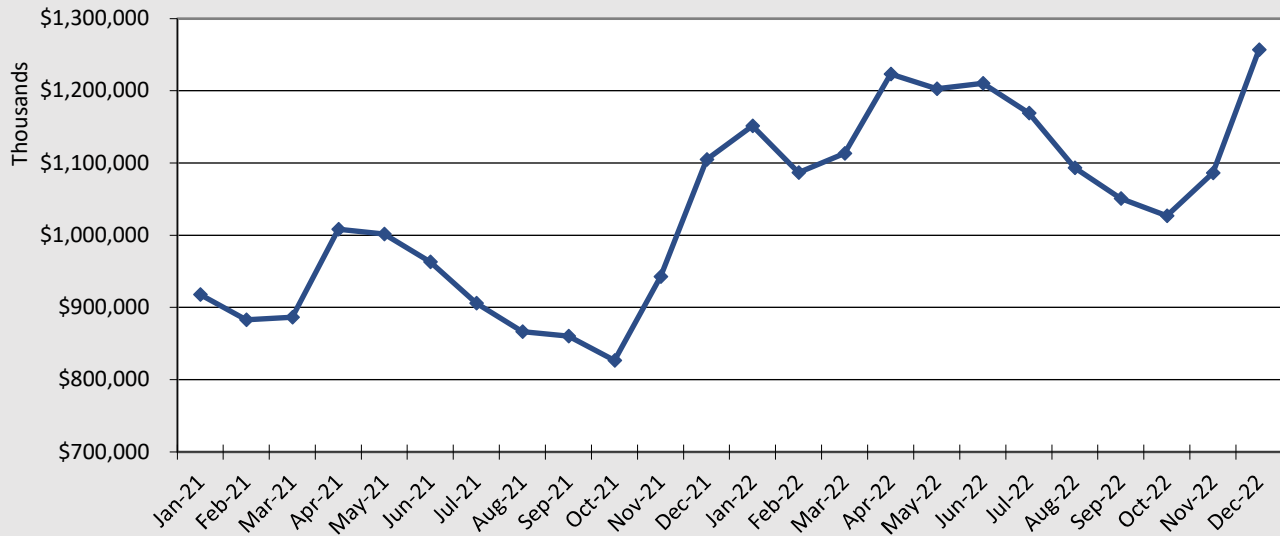
# County of Santa Cruz Investment Pool

## Portfolio Size and Composition

December 31, 2022

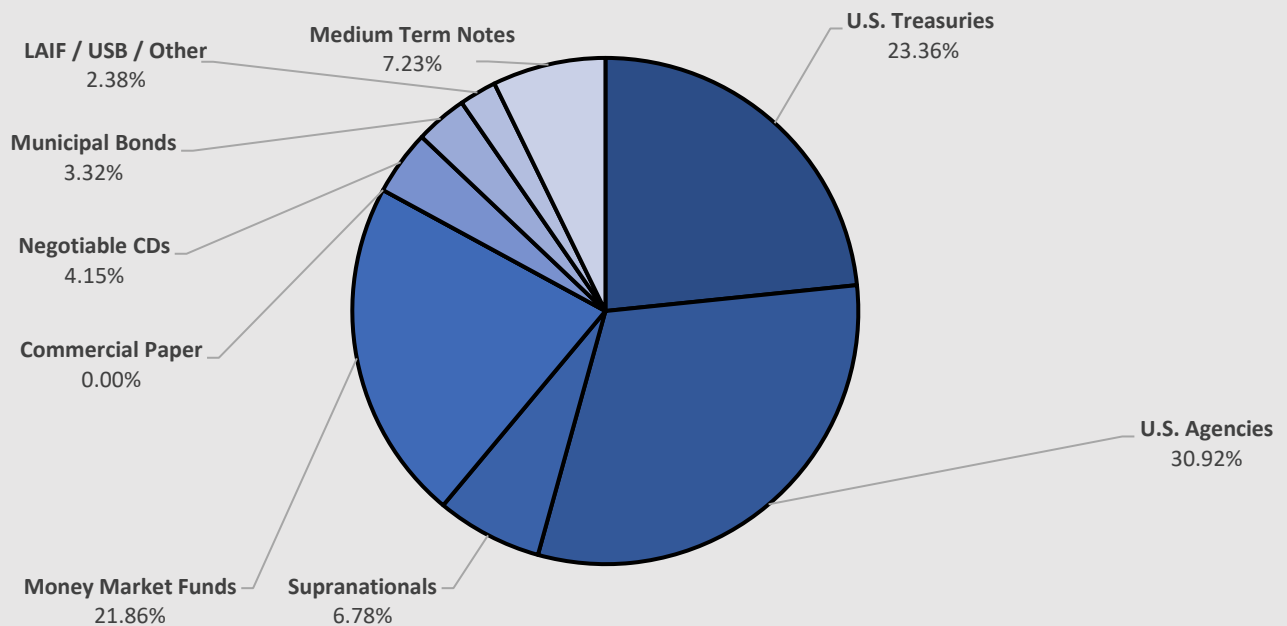
### Monthly Portfolio Balance Trend

Historic review of monthly balance trends from January 2021 to December 2022. Two years ago, portfolio balances were approximately \$900 million compared to our reported amount of \$1.3B.



### Portfolio Composition

Investment breakdown of the County Investment Pool as of December 2022. U.S Treasury and U.S Agency bonds are approximately 54.2% of the portfolio. Treasury bonds are one of the safest and most liquid investments in the United States, rated as prime/high investment grade securities.





# County of Santa Cruz Investment Pool

## Portfolio Net Yield

December 31, 2022

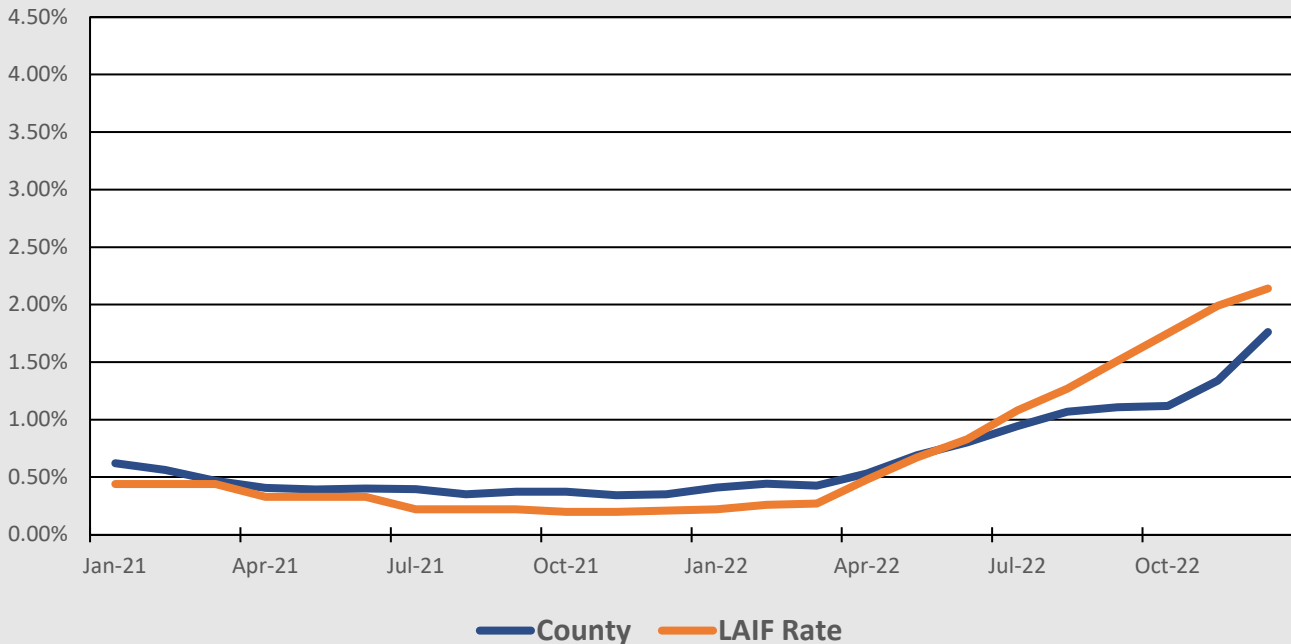
### Apportionment Rate History

Current and historic review of the County Investment Pool with our closest benchmark, LAIF ("Local Agency Investment Fund") managed by the State of California. As of December 2022, the current quarterly average of the County Investment Pool is a 1.76% yield, versus a 1.96% yield from LAIF.

<i>Date</i>	<i>County</i>	<i>LAIF</i>	<i>Difference</i>
<b>Dec-21</b>	0.35%	0.21%	0.14%
<b>Jan-22</b>	0.41%	0.22%	0.19%
<b>Feb-22</b>	0.44%	0.26%	0.18%
<b>Mar-22</b>	0.43%	0.27%	0.16%
<b>Apr-22</b>	0.53%	0.48%	0.05%
<b>May-22</b>	0.69%	0.67%	0.02%
<b>Jun-22</b>	0.80%	0.83%	-0.03%
<b>Jul-22</b>	0.95%	1.08%	-0.14%
<b>Aug-22</b>	1.07%	1.27%	-0.20%
<b>Sep-22</b>	1.11%	1.51%	-0.40%
<b>Oct-22</b>	1.12%	1.75%	-0.63%
<b>Nov-22</b>	1.34%	1.99%	-0.65%
<b>Dec-22</b>	1.76%	2.14%	-0.38%

### Net Yield Trend

Yields are tracked on a monthly basis between the County Investment Pool (blue) and LAIF (orange), our closest benchmark. Participants of LAIF are exclusively California Local Agencies and Special Districts, per section 16429.1 of the CA gov code. LAIF's investment portfolio is over \$30 billion.



# County of Santa Cruz Investment Pool

## Maturity Distribution

December 31, 2022

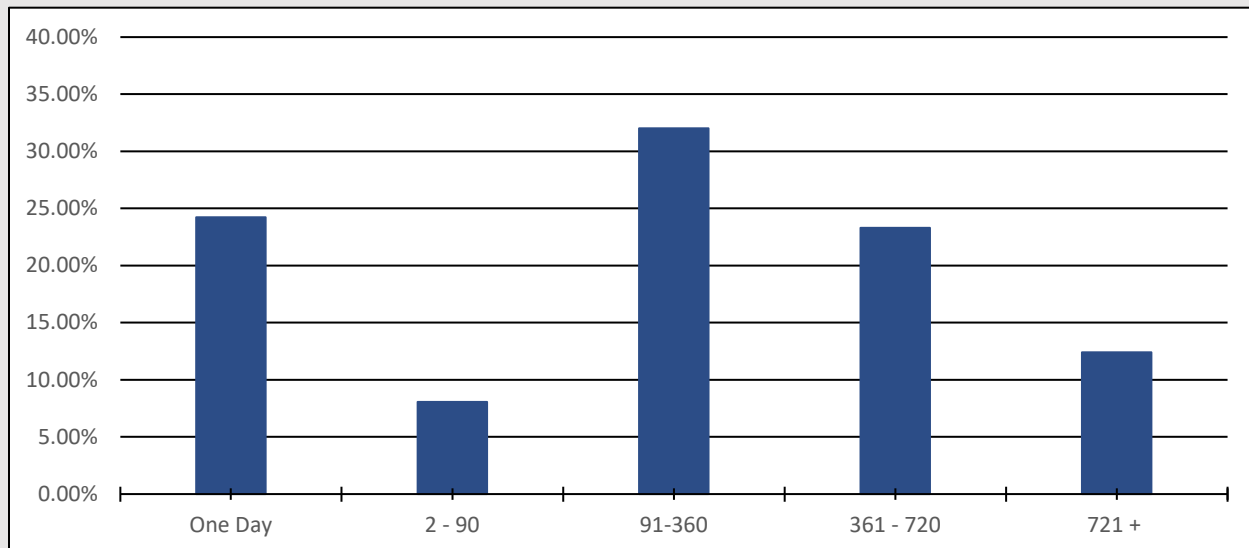
### Maturity Classification and Liquidity Review

Investment breakdown based on maturity, as of December 2022. Upon maturity date, the portfolio will receive the investment's face value in cash. These values inherently effect the portfolio's WAM ("Weighted Average Maturity") calculated in days, as well as the overall Duration. As of December 31, 2022, the portfolio's average investment takes approximately 0.88 years, or 316 days to mature.

Category:	Current Reported Values:	Historic Values: <i>Last Quarter   Last Year   Last 2 yrs.</i>		
	December 31, 2022	9/30/22	12/31/21	12/31/20
One Day	24.23%	5.69%	8.93%	12.93%
2 - 90	8.06%	4.04%	5.69%	16.48%
91-360	32.01%	38.14%	23.67%	36.93%
361 - 720	23.29%	36.66%	38.81%	9.26%
721 +	12.41%	15.47%	22.91%	24.39%
<b>WAM</b>	316	467	497	348
<b>Duration</b>	0.88	1.30	1.27	0.95

### Portfolio Maturity Distribution

Current allocation of maturities as of December 2022. Most fixed-income investments mature within the age range of 91 - 360 days. The County Investment Pool is currently very liquid, holding around 32% of Cash, and Cash-Equivalent securities (bonds and other investments maturing within 90 days).



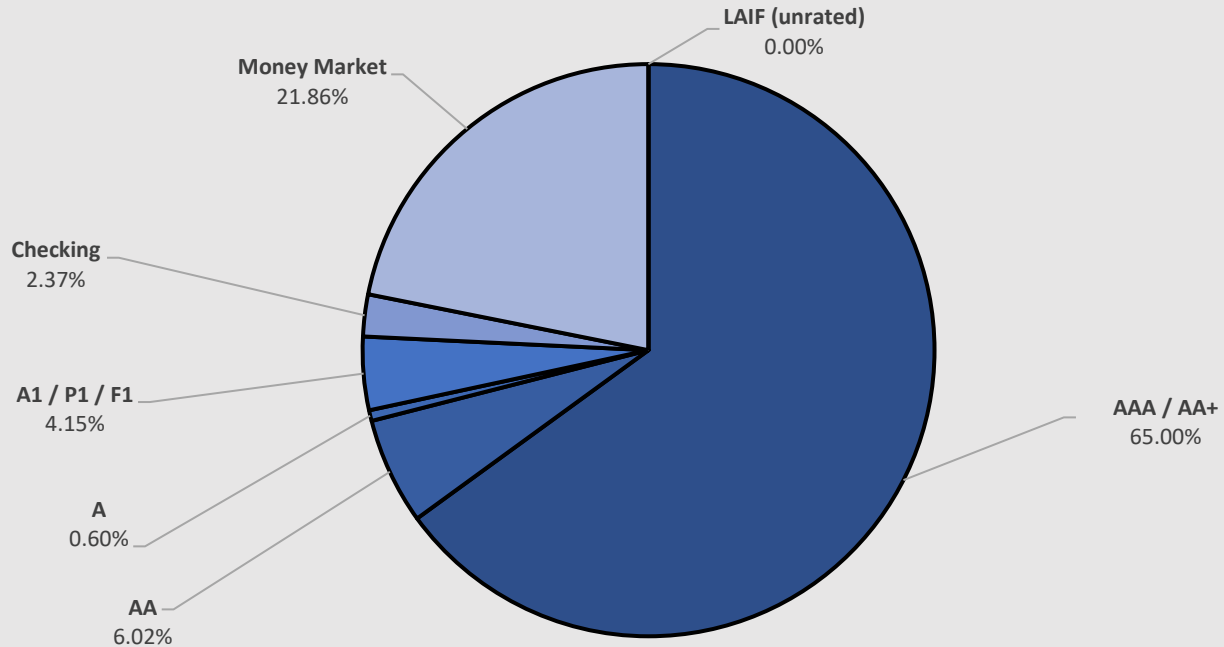
# County of Santa Cruz Investment Pool

## Credit Quality Distribution

December 31, 2022

### Credit Rating Composition

Safety is the primary objective within the County Investment Pool, and CA state codes 27000.5 and 53600.5. As of December 2022, 69% of the portfolio is invested in the highest rated securities (AAA for long term, and A1 / P1 / F1 for short term). Counties within the State of California have strict investment standards and can only invest in highly rated, investment grade securities.



### Credit Breakdown

Current and historic values based on credit rating and outstanding cash accounts. The State of California's LAIF fund is unrated, but is governed by the same investment restrictions as the County Investment Pool, per CA government codes 16430 and 16480.4.

Rating Category	Current Reported Values:		Historic Values:		
	December 31, 2022		Last Quarter   Last Year   Last 2 yrs.		
	\$ (mm)	%	9/30/22	12/31/21	12/31/20
AAA / AA+	\$ 862	65%	81%	61%	69%
AA	\$ 80	6%	8%	4%	4%
A	\$ 8	1%	1%	2%	0%
A1 / P1 / F1	\$ 55	4%	5%	12%	13%
Checking	\$ 31	2%	1%	2%	1%
Money Market	\$ 290	22%	4%	10%	6%
LAIF (unrated)	\$ 0	0%	0%	9%	8%

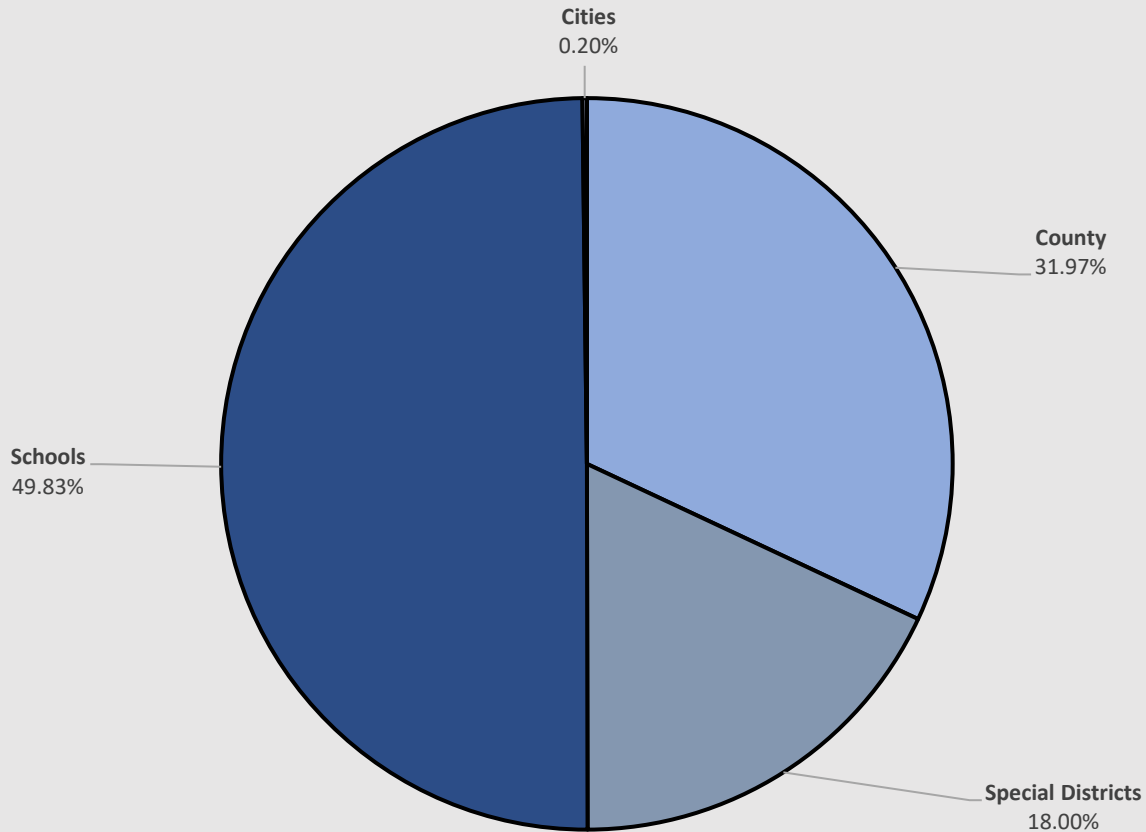
# County of Santa Cruz Investment Pool

## Source of Funds

December 31, 2022

### Source of Funds Composition

The County Investment Pool is composed of four main participants: County School Districts, Special Districts within Santa Cruz County, County Funds, and Cities within Santa Cruz County.



### Funds Breakdown

The largest participant with the highest deposited funds are the Schools category. This category holds 50% of the County Investment Pool. The second largest participant is the County category, which consists of around 32% of the County Investment Pool.

Participant Category	Current Reported Values:	Historic Values:		
	December 31, 2022	9/30/22	12/31/21	12/31/20
County	31.97%	31.84%	32.55%	37.26%
Special Districts	18.00%	19.83%	19.16%	19.89%
Schools	49.83%	48.02%	47.94%	41.30%
Cities	0.20%	0.31%	0.35%	1.55%

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## DETAILED LIST OF INVESTMENTS OUTSTANDING

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### REPORT DESCRIPTION

The **Detailed List of Investments Outstanding** lists active investments in the portfolio on a specific date providing information on the market values, book values, interest rates and yields. It is arranged so that the securities of the same type are grouped together. What follows is a description of the abbreviations used in the report.

**CUSIP** – The CUSIP number is a 9-character alphanumeric code which identifies a North American financial security for the purposes of facilitating clearing and settlement of trades.

**INVESTMENT NUMBER** – This is a unique system-generated number assigned to the security. Assigned by the County for internal identification purposes.

**ISSUER** – The issuer named is the name of the institution which issued the bond.

**PURCHASE DATE** – This is the date on which the security was purchased.

**PAR VALUE** – The nominal or face value of a bond. This is the amount that will be received at maturity with accrued interest. It is also the amount that is used in calculating the interest received on the bond.

**MARKET VALUE** – Market value is the dollar amount the security could have been sold for on the report date. By comparing this number to the book value one is able to determine what, if any, loss or gain we would realize if we were to sell the bond in the open market.

**BOOK VALUE** – The original cost for each investment adjusted for amortization of premiums or accretions of discounts to the date of the report. Amortizations and accretions are calculated on a straight line basis.

**STATED RATE** – In most cases this is the coupon rate (rate of interest) set on a bond at the issue date by the issuer. If the security has no coupon (discount note, UST Bill or CP) then the stated rate is the yield to maturity on the date that the bond is purchased. The stated rate is not intended for comparing yields between different investments because the item may have been purchased at a discount or premium to par.

**YTM** – This is the Yield to Maturity. This is what the yield will be on the bond if it is held to maturity.

**DAYS TO MATURITY** – This is the number of days remaining between the report date and the maturity date.

**MATURITY DATE** – The maturity date is the date when a bond matures. On the maturity date an issuer of a security will pay the holder of the security the par value plus any accrued interest earned on the security from the date of last distribution.

**County of Santa Cruz  
Portfolio Management  
Portfolio Summary  
December 31, 2022**

<b>Investments</b>	<b>Par Value</b>	<b>Market Value</b>	<b>Book Value</b>	<b>% of Portfolio</b>	<b>Term</b>	<b>Days to Maturity</b>	<b>YTM 360 Equiv.</b>	<b>YTM 365 Equiv.</b>
U.S. Treasury Notes/ Bonds	295,000,000.00	287,097,460.00	294,892,466.54	22.75	731	233	0.470	0.477
Federal Agency Issues - Coupon	410,270,000.00	395,761,783.70	410,320,753.75	31.66	938	489	1.539	1.560
Medium Term Notes	95,965,000.00	92,281,448.12	96,039,572.49	7.41	958	496	2.190	2.220
Negotiable CDs	55,000,000.00	54,974,250.00	55,002,852.51	4.24	289	101	2.979	3.021
Municipal Bonds	44,030,000.00	41,182,950.49	44,496,991.77	3.43	1,438	819	1.134	1.150
Local Agency Investment Fund (LAIF)	52,212.99	52,212.99	52,212.99	0.00	1	1	1.963	1.990
Treasury Discounts -Amortizing	15,000,000.00	14,697,600.00	14,689,937.50	1.13	181	165	4.679	4.744
Supranationals	90,000,000.00	85,770,480.00	90,583,559.53	6.99	1,236	512	0.428	0.434
Money Market Mutual Funds 02	290,000,000.00	290,000,000.00	290,000,000.00	22.38	1	1	3.826	3.879
	<b>1,295,317,212.99</b>	<b>1,261,818,185.30</b>	<b>1,296,078,347.08</b>	<b>100.00%</b>	<b>684</b>	<b>315</b>	<b>1.861</b>	<b>1.887</b>

<b>Total Earnings</b>	<b>December 31 Period Ending</b>
Current Year	4,310,229.20
<b>Average Daily Balance</b>	<b>1,123,792,123.16</b>
<b>Effective Rate of Return</b>	<b>1.52%</b>

Santa Cruz County Treasurer,

**County of Santa Cruz  
Portfolio Management  
Portfolio Details - Investments  
December 31, 2022**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
<b>U.S. Treasury Notes/ Bonds</b>												
91282CBG5	22412	U.S.Trust		04/07/2021	17,000,000.00	16,948,830.00	16,999,609.96	0.125	0.151	0.153	30	01/31/2023
912828Z86	22447	US Treasury N/B		12/14/2021	15,000,000.00	14,948,700.00	15,018,851.31	1.375	0.346	0.351	45	02/15/2023
91282CCD1	22430	U.S.Trust		10/08/2021	10,000,000.00	9,821,500.00	9,995,507.81	0.125	0.231	0.235	150	05/31/2023
91282CCD1	22446	U.S.Trust		12/14/2021	25,000,000.00	24,553,750.00	24,962,623.12	0.125	0.484	0.490	150	05/31/2023
912828ZU7	22449	US Treasury N/B		12/16/2021	25,000,000.00	24,515,750.00	24,970,193.38	0.250	0.508	0.515	165	06/15/2023
91282CCK5	22460	U.S.Trust		03/23/2022	9,000,000.00	8,800,290.00	8,925,535.43	0.125	1.802	1.827	180	06/30/2023
912828ZY9	22413	US Treasury N/B		04/14/2021	18,000,000.00	17,562,600.00	17,992,160.41	0.125	0.204	0.207	195	07/15/2023
912828ZY9	22451	US Treasury N/B		12/21/2021	30,000,000.00	29,271,000.00	29,938,368.82	0.125	0.504	0.511	195	07/15/2023
91282CCN9	22453	U.S.Trust		12/30/2021	30,000,000.00	29,210,100.00	29,914,440.96	0.125	0.612	0.620	211	07/31/2023
91282CAF8	22408	U.S.Trust		03/25/2021	12,000,000.00	11,667,720.00	11,994,782.00	0.125	0.193	0.195	226	08/15/2023
91282CAF8	22468	U.S.Trust		04/25/2022	10,000,000.00	9,723,100.00	9,861,933.31	0.125	2.366	2.399	226	08/15/2023
91282CCU3	22450	U.S.Trust		12/16/2021	5,000,000.00	4,849,050.00	4,984,447.11	0.125	0.590	0.598	242	08/31/2023
91282CAK7	22402	U.S.Trust		02/03/2021	15,000,000.00	14,529,450.00	14,997,316.60	0.125	0.148	0.150	257	09/15/2023
91282CBE0	22411	U.S.Trust		04/05/2021	22,000,000.00	20,976,780.00	21,959,247.00	0.125	0.300	0.304	379	01/15/2024
9128285Z9	22406	US Treasury N/B		03/03/2021	17,000,000.00	16,598,290.00	17,412,439.61	2.500	0.245	0.248	395	01/31/2024
91282CBM2	22403	U.S.Trust		02/17/2021	20,000,000.00	19,002,400.00	19,979,778.99	0.125	0.212	0.215	410	02/15/2024
91282CCC3	22416	U.S.Trust		05/20/2021	15,000,000.00	14,118,150.00	14,985,230.72	0.250	0.318	0.322	500	05/15/2024
<b>Subtotal and Average</b>			<b>295,604,353.45</b>		<b>295,000,000.00</b>	<b>287,097,460.00</b>	<b>294,892,466.54</b>		<b>0.470</b>	<b>0.477</b>	<b>233</b>	

**Federal Agency Issues - Coupon**

313382AX1	22359	Federal Home Loan Bank		02/18/2020	15,000,000.00	14,937,450.00	15,018,539.84	2.125	1.443	1.463	68	03/10/2023
3133ELUF9	22361	Federal Farm Credit Bank		03/23/2020	10,000,000.00	9,930,100.00	9,998,219.03	0.790	0.866	0.878	73	03/15/2023
3133EM4Q2	22428	Federal Farm Credit Bank		10/08/2021	20,000,000.00	19,676,600.00	19,995,448.18	0.170	0.228	0.231	134	05/15/2023
3135G05G4	22452	Federal National Mort. Assoc.		12/30/2021	10,000,000.00	9,765,500.00	9,982,337.09	0.250	0.580	0.588	190	07/10/2023
3133ENEY2	22441	Federal Farm Credit Bank		11/24/2021	15,000,000.00	14,631,900.00	15,000,000.00	0.450	0.444	0.450	204	07/24/2023
313383AQ4	22461	Federal Home Loan Bank		03/29/2022	25,000,000.00	24,589,000.00	25,008,418.79	2.220	2.139	2.168	241	08/30/2023
3137EAEY1	22387	Fed.Home Loan Mtg.Corp		10/21/2020	20,000,000.00	19,981,070.70	19,981,070.70	0.125	0.242	0.245	288	10/16/2023
3134GW6E1	22389	Fed.Home Loan Mtg.Corp		11/02/2020	18,000,000.00	17,341,740.00	18,000,000.00	0.320	0.316	0.320	305	11/02/2023
3137EAEZ8	22392	Fed.Home Loan Mtg.Corp		11/05/2020	10,000,000.00	9,620,500.00	9,998,730.34	0.250	0.261	0.265	309	11/06/2023
3133ENGW4	22444	Federal Farm Credit Bank		12/13/2021	15,000,000.00	14,390,550.00	14,996,437.50	0.660	0.676	0.685	346	12/13/2023
3133EMNG3	22401	Federal Farm Credit Bank		02/03/2021	18,000,000.00	17,158,860.00	18,004,850.88	0.230	0.201	0.204	383	01/19/2024
3130ASRB7	22473	Federal Home Loan Bank		07/29/2022	15,000,000.00	14,748,000.00	15,000,000.00	3.400	3.354	3.400	390	01/26/2024
3130APYX7	22442	Federal Home Loan Bank		11/30/2021	20,000,000.00	18,878,600.00	20,000,000.00	0.800	0.789	0.800	509	05/24/2024
3130ARQ46	22464	Federal Home Loan Bank		04/28/2022	10,000,000.00	9,691,100.00	10,000,000.00	2.720	2.683	2.721	513	05/28/2024
3130A1XJ2	22471	Federal Home Loan Bank		05/13/2022	29,270,000.00	28,593,863.00	29,343,381.57	2.875	2.659	2.696	530	06/14/2024
3130AQJ38	22455	Federal Home Loan Bank		01/25/2022	25,000,000.00	23,597,500.00	25,000,000.00	1.050	1.036	1.050	571	07/25/2024

**County of Santa Cruz  
Portfolio Management  
Portfolio Details - Investments  
December 31, 2022**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
<b>Federal Agency Issues - Coupon</b>												
3134GXJ54	22474	Fed.Home Loan Mtg.Corp		07/29/2022	20,000,000.00	19,696,000.00	20,000,000.00	3.650	3.600	3.650	572	07/26/2024
3134GXRF3	22466	Fed.Home Loan Mtg.Corp		04/29/2022	25,000,000.00	24,144,750.00	25,000,000.00	2.625	2.590	2.626	575	07/29/2024
3134GXTA2	22469	Fed.Home Loan Mtg.Corp		05/26/2022	20,000,000.00	19,530,200.00	20,000,000.00	3.050	3.010	3.051	603	08/26/2024
3133EMNF5	22399	Federal Farm Credit Bank		01/27/2021	20,000,000.00	18,370,800.00	20,020,868.63	0.375	0.319	0.323	745	01/15/2025
3134GXK94	22475	Fed.Home Loan Mtg.Corp		08/15/2022	20,000,000.00	19,717,200.00	20,000,000.00	4.050	3.995	4.050	957	08/15/2025
3137EAEX3	22398	Fed.Home Loan Mtg.Corp		12/22/2020	15,000,000.00	13,498,200.00	14,972,451.20	0.375	0.437	0.443	996	09/23/2025
3130APGN9	22427	Federal Home Loan Bank		10/28/2021	15,000,000.00	13,272,300.00	15,000,000.00	1.150	1.134	1.150	1,396	10/28/2026
<b>Subtotal and Average</b>			<b>422,929,753.71</b>		<b>410,270,000.00</b>	<b>395,761,783.70</b>	<b>410,320,753.75</b>		<b>1.539</b>	<b>1.560</b>	<b>489</b>	
<b>Medium Term Notes</b>												
037833BU3	22323	Apple Inc		06/03/2019	15,000,000.00	14,958,750.00	15,006,490.30	2.850	2.499	2.534	53	02/23/2023
037833AK6	22463	Apple Inc		04/07/2022	4,000,000.00	3,968,000.00	4,005,132.85	2.400	1.987	2.015	122	05/03/2023
037833AK6	22472	Apple Inc		06/16/2022	8,145,000.00	8,079,840.00	8,127,759.32	2.400	2.994	3.036	122	05/03/2023
06051GFB0	22467	Bank of America		04/22/2022	3,276,000.00	3,247,793.64	3,314,039.04	4.125	2.948	2.988	386	01/22/2024
06048WV31	22470	Bank of America		04/29/2022	10,000,000.00	9,714,500.00	10,000,000.00	3.100	3.058	3.100	484	04/29/2024
06048WQ60	22440	Bank of America		12/03/2021	20,000,000.00	18,746,200.00	20,000,000.00	1.000	0.986	1.000	519	06/03/2024
14912L6C0	22465	Caterpillar Financial Services		04/14/2022	3,000,000.00	2,931,870.00	3,028,152.46	3.300	2.588	2.624	525	06/09/2024
594918BB9	22462	Microsoft Corp		04/06/2022	17,544,000.00	16,853,994.48	17,581,086.07	2.700	2.559	2.595	773	02/12/2025
06048WT91	22457	Bank of America		03/10/2022	10,000,000.00	9,353,500.00	10,000,000.00	2.350	2.318	2.350	799	03/10/2025
58933YAY1	22425	Merck & Co Inc		09/24/2021	5,000,000.00	4,427,000.00	4,976,912.45	0.750	0.888	0.900	1,150	02/24/2026
<b>Subtotal and Average</b>			<b>96,057,143.12</b>		<b>95,965,000.00</b>	<b>92,281,448.12</b>	<b>96,039,572.49</b>		<b>2.190</b>	<b>2.220</b>	<b>496</b>	
<b>Negotiable CDs</b>												
89114WN92	22448	Toronto Dominion Bank		12/15/2021	25,000,000.00	24,962,250.00	25,000,000.00	0.470	0.470	0.477	12	01/13/2023
87019WGK5	22478	Swedbank NY		12/07/2022	30,000,000.00	30,012,000.00	30,002,852.51	5.090	5.070	5.140	176	06/26/2023
<b>Subtotal and Average</b>			<b>36,142,132.34</b>		<b>55,000,000.00</b>	<b>54,974,250.00</b>	<b>55,002,852.51</b>		<b>2.979</b>	<b>3.021</b>	<b>101</b>	
<b>Municipal Bonds</b>												
91412G2U8	22339	University of Calif		11/05/2019	3,000,000.00	2,978,790.00	3,008,169.78	2.519	1.737	1.761	134	05/15/2023
13032UXX9	22391	Calif Health Fac Fin & Auth		11/04/2020	6,500,000.00	6,399,965.00	6,500,000.00	0.553	0.545	0.553	151	06/01/2023
127109PZ3	22336	Cabrillo Comm College GO		10/08/2019	3,035,000.00	2,988,989.40	3,035,000.00	1.964	1.937	1.964	212	08/01/2023
801546QU9	22456	COUNTY OF SANTA CLARA		03/03/2022	2,430,000.00	2,336,177.70	2,452,946.70	2.000	1.372	1.391	578	08/01/2024
91412GU94	22410	University of Calif		04/01/2021	8,600,000.00	8,270,362.00	9,049,982.35	3.063	0.911	0.924	912	07/01/2025
127109QB5	22477	Cabrillo Comm College GO		08/25/2022	1,215,000.00	1,140,171.39	1,178,117.01	2.194	3.452	3.500	943	08/01/2025
79770GJB3	22445	Suc Agc City & County San Fran		12/15/2021	4,250,000.00	3,881,695.00	4,285,288.02	1.561	1.214	1.231	943	08/01/2025
419792YR1	22421	HAWAII ST		08/20/2021	10,000,000.00	8,784,900.00	10,000,000.00	0.893	0.881	0.893	1,308	08/01/2026



**County of Santa Cruz  
Portfolio Management  
Portfolio Details - Investments  
December 31, 2022**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
<b>Municipal Bonds</b>												
54438CYL0	22439	Los Angeles Community College		11/15/2021	5,000,000.00	4,401,900.00	4,987,487.91	1.174	1.229	1.246	1,308	08/01/2026
<b>Subtotal and Average</b>			<b>44,522,967.17</b>		<b>44,030,000.00</b>	<b>41,182,950.49</b>	<b>44,496,991.77</b>		<b>1.134</b>	<b>1.150</b>	<b>819</b>	
<b>Local Agency Investment Fund (LAIF)</b>												
SYS6501	6501	LAIF (General Fund)			52,212.99	52,212.99	52,212.99	1.990	1.963	1.990	1	
<b>Subtotal and Average</b>			<b>52,212.99</b>		<b>52,212.99</b>	<b>52,212.99</b>	<b>52,212.99</b>		<b>1.963</b>	<b>1.990</b>	<b>1</b>	
<b>Dividends</b>												
SYS22423	22423	US Bank			0.00	0.00	0.00	3.560	3.560	3.609	1	
<b>Subtotal and Average</b>			<b>132.46</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0.000</b>	<b>0.000</b>	<b>0</b>	
<b>Treasury Discounts -Amortizing</b>												
912796X53	22479	US Treasury Bill		12/16/2022	15,000,000.00	14,697,600.00	14,689,937.50	4.510	4.679	4.744	165	06/15/2023
<b>Subtotal and Average</b>			<b>2,552,320.65</b>		<b>15,000,000.00</b>	<b>14,697,600.00</b>	<b>14,689,937.50</b>		<b>4.679</b>	<b>4.744</b>	<b>165</b>	
<b>Supranationals</b>												
4581X0DA3	22390	Inter-American Devel Bank		11/03/2020	10,000,000.00	9,992,600.00	10,010,638.36	2.500	0.236	0.240	17	01/18/2023
45950KCP3	22375	International Fin Corp		06/09/2020	15,000,000.00	14,832,150.00	15,213,435.01	2.875	0.400	0.405	211	07/31/2023
459058JM6	22394	Int Bank of Recon & Developmen		12/03/2020	18,000,000.00	17,301,780.00	17,993,757.14	0.250	0.285	0.289	327	11/24/2023
4581X0CF3	22407	Inter-American Devel Bank		03/15/2021	14,000,000.00	13,712,860.00	14,416,639.20	3.000	0.365	0.370	416	02/21/2024
459058JB0	22420	Int Bank of Recon & Developmen		07/15/2021	15,000,000.00	13,760,250.00	15,000,000.00	0.625	0.616	0.625	842	04/22/2025
459058JL8	22404	Int Bank of Recon & Developmen		02/18/2021	18,000,000.00	16,170,840.00	17,949,089.82	0.500	0.593	0.602	1,031	10/28/2025
<b>Subtotal and Average</b>			<b>90,698,188.79</b>		<b>90,000,000.00</b>	<b>85,770,480.00</b>	<b>90,583,559.53</b>		<b>0.428</b>	<b>0.434</b>	<b>512</b>	
<b>Money Market Mutual Funds 02</b>												
070731229	1229	Bank of the West		12/07/2022	15,000,000.00	15,000,000.00	15,000,000.00	3.500	3.452	3.500	1	
SYS011119	22302	CAMP		01/11/2019	275,000,000.00	275,000,000.00	275,000,000.00	3.900	3.847	3.900	1	
157 519 832 743	22283	US Bank MMMF		10/23/2018	0.00	0.00	0.00	0.004	0.004	0.004	1	
<b>Subtotal and Average</b>			<b>135,232,918.47</b>		<b>290,000,000.00</b>	<b>290,000,000.00</b>	<b>290,000,000.00</b>		<b>3.826</b>	<b>3.879</b>	<b>1</b>	
<b>Total and Average</b>			<b>1,123,792,123.16</b>		<b>1,295,317,212.99</b>	<b>1,261,818,185.30</b>	<b>1,296,078,347.08</b>		<b>1.861</b>	<b>1.887</b>	<b>315</b>	

**County of Santa Cruz  
Portfolio Management  
Portfolio Details - Cash  
December 31, 2022**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity
Average Balance			0.00								0
Total Cash and Investments			1,123,792,123.16		1,295,317,212.99	1,261,818,185.30	1,296,078,347.08		1.861	1.887	315

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# **SECURITIES ACTIVITY BY BROKER**

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A Report on the

Investment Transactions by Broker-Dealer  
For the Period Indicated

**County of Santa Cruz  
Activity Report  
Sorted By Dealer  
October 1, 2022 - December 31, 2022**

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Par Value		Ending Balance
				Beginning Balance	Current Rate		Purchases or Deposits	Redemptions or Withdrawals	
<b>Dealer: Bank of the West</b>									
<b>Money Market Mutual Funds 02</b>									
070731229	1229	Bank of the West			3.500		15,000,000.00	0.00	
		<b>Subtotal and Balance</b>		<b>0.00</b>			<b>15,000,000.00</b>	<b>0.00</b>	<b>15,000,000.00</b>
		<b>Dealer Subtotal</b>	<b>1.158%</b>	<b>0.00</b>			<b>15,000,000.00</b>	<b>0.00</b>	<b>15,000,000.00</b>
<b>Dealer: CAMP</b>									
<b>Money Market Mutual Funds 02</b>									
SYS011119	22302	CAMP			4.500		485,000,000.00	255,000,000.00	
		<b>Subtotal and Balance</b>		<b>45,000,000.00</b>			<b>485,000,000.00</b>	<b>255,000,000.00</b>	<b>275,000,000.00</b>
		<b>Dealer Subtotal</b>	<b>21.230%</b>	<b>45,000,000.00</b>			<b>485,000,000.00</b>	<b>255,000,000.00</b>	<b>275,000,000.00</b>
<b>Dealer: Cantor, Fitzgerald L.P.</b>									
<b>U.S. Treasury Notes/ Bonds</b>									
912828YK0	22437	US Treasury N/B			1.375	10/15/2022	0.00	5,000,000.00	
		<b>Subtotal and Balance</b>		<b>91,000,000.00</b>			<b>0.00</b>	<b>5,000,000.00</b>	<b>86,000,000.00</b>
<b>Federal Agency Issues - Coupon</b>									
		<b>Subtotal and Balance</b>		<b>20,000,000.00</b>					<b>20,000,000.00</b>
<b>Medium Term Notes</b>									
		<b>Subtotal and Balance</b>		<b>24,000,000.00</b>					<b>24,000,000.00</b>
<b>Treasury Discounts -Amortizing</b>									
912796X53	22479	US Treasury Bill			4.510	12/16/2022	15,000,000.00	0.00	
		<b>Subtotal and Balance</b>		<b>0.00</b>			<b>15,000,000.00</b>	<b>0.00</b>	<b>15,000,000.00</b>
		<b>Dealer Subtotal</b>	<b>11.194%</b>	<b>135,000,000.00</b>			<b>15,000,000.00</b>	<b>5,000,000.00</b>	<b>145,000,000.00</b>

County of Santa Cruz  
Activity Report  
October 1, 2022 - December 31, 2022

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Purchases or Deposits	Par Value		Ending Balance
				Beginning Balance	Current Rate			Redemptions or Withdrawals		
<b>Dealer: Jeffries &amp; Company, INC</b>										
<b>U.S. Treasury Notes/ Bonds</b>										
Subtotal and Balance					15,000,000.00					15,000,000.00
<b>Federal Agency Issues - Coupon</b>										
Subtotal and Balance					33,000,000.00					33,000,000.00
<b>Medium Term Notes</b>										
Subtotal and Balance					8,145,000.00					8,145,000.00
Dealer Subtotal			4.334%		56,145,000.00		0.00	0.00		56,145,000.00
<b>Dealer: Keybanc Capital Mark</b>										
<b>U.S. Treasury Notes/ Bonds</b>										
Subtotal and Balance					30,000,000.00					30,000,000.00
<b>Federal Agency Issues - Coupon</b>										
3133EFUJ4	22365	Federal Farm Credit Bank			2.150	12/29/2022	0.00	13,000,000.00		
Subtotal and Balance					123,000,000.00		0.00	13,000,000.00		110,000,000.00
Dealer Subtotal			10.808%		153,000,000.00		0.00	13,000,000.00		140,000,000.00
<b>Dealer: LAIF (General Fund)</b>										
<b>Local Agency Investment Fund (LAIF)</b>										
Subtotal and Balance					52,212.99					52,212.99
Dealer Subtotal			0.004%		52,212.99		0.00	0.00		52,212.99
<b>Dealer: MUFG Union Bank NA</b>										
<b>Federal Agency Issues - Coupon</b>										
Subtotal and Balance					10,000,000.00					10,000,000.00
<b>Medium Term Notes</b>										
Subtotal and Balance					15,000,000.00					15,000,000.00

County of Santa Cruz  
Activity Report  
October 1, 2022 - December 31, 2022

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Current Rate	Transaction Date	Par Value		Ending Balance
				Beginning Balance				Purchases or Deposits	Redemptions or Withdrawals	
<b>Dealer: MUFG Union Bank NA</b>										
<b>Municipal Bonds</b>										
Subtotal and Balance				3,000,000.00				3,000,000.00		
Dealer Subtotal				28,000,000.00				0.00		28,000,000.00
<b>Dealer: Piper Jaffray &amp; Co</b>										
<b>Municipal Bonds</b>										
Subtotal and Balance				4,250,000.00				4,250,000.00		
Dealer Subtotal				4,250,000.00				0.00		4,250,000.00
<b>Dealer: Prebon</b>										
<b>Federal Agency Issues - Coupon</b>										
Subtotal and Balance				29,270,000.00				29,270,000.00		
<b>Negotiable CDs</b>										
65558UVS8	22476	Nordea Bank			2.390	10/12/2022	0.00	25,000,000.00		
Subtotal and Balance				50,000,000.00				25,000,000.00		25,000,000.00
Dealer Subtotal				79,270,000.00				0.00		54,270,000.00
<b>Dealer: Royal Bank Canada Capital Mrkt</b>										
<b>U.S. Treasury Notes/ Bonds</b>										
Subtotal and Balance				164,000,000.00				164,000,000.00		
<b>Federal Agency Issues - Coupon</b>										
Subtotal and Balance				73,000,000.00				73,000,000.00		
<b>Medium Term Notes</b>										
Subtotal and Balance				20,000,000.00				20,000,000.00		
<b>Supranationals</b>										
Subtotal and Balance				76,000,000.00				76,000,000.00		

County of Santa Cruz  
Activity Report  
October 1, 2022 - December 31, 2022

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Par Value		Ending Balance
				Beginning Balance	Current Rate		Purchases or Deposits	Redemptions or Withdrawals	
<b>Dealer Subtotal</b>			<b>25.708%</b>	<b>333,000,000.00</b>			<b>0.00</b>	<b>0.00</b>	<b>333,000,000.00</b>
<b>Dealer: Raymond James Financial Inc</b>									
<b>Federal Agency Issues - Coupon</b>									
<b>Subtotal and Balance</b>				<b>10,000,000.00</b>					<b>10,000,000.00</b>
<b>Medium Term Notes</b>									
<b>Subtotal and Balance</b>				<b>8,000,000.00</b>					<b>8,000,000.00</b>
<b>Municipal Bonds</b>									
<b>Subtotal and Balance</b>				<b>36,780,000.00</b>					<b>36,780,000.00</b>
<b>Supranationals</b>									
<b>Subtotal and Balance</b>				<b>14,000,000.00</b>					<b>14,000,000.00</b>
<b>Dealer Subtotal</b>			<b>5.310%</b>	<b>68,780,000.00</b>			<b>0.00</b>	<b>0.00</b>	<b>68,780,000.00</b>
<b>Dealer: Stifel Nicolaus &amp; Co</b>									
<b>Federal Agency Issues - Coupon</b>									
<b>Subtotal and Balance</b>				<b>125,000,000.00</b>					<b>125,000,000.00</b>
<b>Medium Term Notes</b>									
<b>Subtotal and Balance</b>				<b>20,820,000.00</b>					<b>20,820,000.00</b>
<b>Negotiable CDs</b>									
87019WGK5	22478	Swedbank NY			5.090	12/07/2022	30,000,000.00	0.00	
<b>Subtotal and Balance</b>				<b>0.00</b>			<b>30,000,000.00</b>	<b>0.00</b>	<b>30,000,000.00</b>
<b>Dealer Subtotal</b>			<b>13.574%</b>	<b>145,820,000.00</b>			<b>30,000,000.00</b>	<b>0.00</b>	<b>175,820,000.00</b>
<b>Dealer: US Bank MMMF</b>									
<b>Dividends</b>									
SYS22423	22423	US Bank			4.060		819.87	819.87	
<b>Subtotal and Balance</b>				<b>0.00</b>			<b>819.87</b>	<b>819.87</b>	<b>0.00</b>

County of Santa Cruz  
Activity Report  
October 1, 2022 - December 31, 2022

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Par Value		Ending Balance
				Beginning Balance	Current Rate		Purchases or Deposits	Redemptions or Withdrawals	
<b>Dealer: US Bank MMMF</b>									
<b>Money Market Mutual Funds 02</b>									
157 519 832 743	22283	US Bank MMMF			0.004		0.85	100,011.35	
		<b>Subtotal and Balance</b>					<b>0.85</b>	<b>100,011.35</b>	<b>0.00</b>
		<b>Dealer Subtotal</b>	<b>0.000%</b>				<b>820.72</b>	<b>100,831.22</b>	<b>0.00</b>
		<b>Total</b>	<b>100.000%</b>				<b>545,000,820.72</b>	<b>298,100,831.22</b>	<b>1,295,317,212.99</b>



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# ACCRUED INTEREST REPORT

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## REPORT DESCRIPTION

The **Accrued Interest Report** shows the amount of interest earned, but not yet received, for each active investment within the portfolio. Within the date range, the report displays the amount of interest accrued as of the report beginning date, the amount of interest earned during the reporting period, the amount of interest recorded as received, and the ending accrued interest. What follows is a description of the report's headings.

**ISSUER** – Issuer is the name of the institution which issued the investment.

**INVESTMENT NUMBER** – The investment number is a unique number that identifies the investment position.

**SECURITY TYPE** – This heading is a three-character code assigned by the program to identify each type of investment.

**PAR VALUE**- The nominal or face value of the security.

**MATURITY DATE** – The maturity date is the date on when an investment will mature.

**CURRENT RATE** – For coupon instruments, the current rate is the coupon or interest rate at the time of purchase. For discount instruments, the current rate is the yield to maturity.

**BEGINNING ACCRUED INTEREST** – This column displays the amount of interest earned, but not yet received, as of the report beginning date.

**INTEREST EARNED** – This column shows the amount of interest earned during the selected reporting period.

**INTEREST RECEIVED** – This column includes the amount of interest posted as received during the selected reporting period.

**ENDING ACCRUED INTEREST** – This column displays the amount of interest earned, but not yet received, as of the report ending date.

**County of Santa Cruz**  
**Accrued Interest**  
**Sorted by Security Type - Maturity Date**  
**October 1, 2022 - December 31, 2022**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
<b>U.S. Treasury Notes/ Bonds</b>										
912828YK0	22437	TRC	0.00	10/15/2022	1.375	31,745.22	0.00	2,629.78	34,375.00	0.00
91282CBG5	22412	TRC	17,000,000.00	01/31/2023	0.125	3,580.16	0.00	5,312.50	0.00	8,892.66
912828Z86	22447	TRC	15,000,000.00	02/15/2023	1.375	26,341.71	0.00	51,562.50	0.00	77,904.21
91282CCD1	22430	TRC	10,000,000.00	05/31/2023	0.125	4,200.82	0.00	3,148.08	6,250.00	1,098.90
91282CCD1	22446	TRC	25,000,000.00	05/31/2023	0.125	10,502.05	0.00	7,870.20	15,625.00	2,747.25
912828ZU7	22449	TRC	25,000,000.00	06/15/2023	0.250	18,442.62	0.00	15,726.34	31,250.00	2,918.96
91282CCK5	22460	TRC	9,000,000.00	06/30/2023	0.125	2,843.07	0.00	2,813.01	0.00	5,656.08
912828ZY9	22413	TRC	18,000,000.00	07/15/2023	0.125	4,769.02	0.00	5,625.00	0.00	10,394.02
912828ZY9	22451	TRC	30,000,000.00	07/15/2023	0.125	7,948.37	0.00	9,375.00	0.00	17,323.37
91282CCN9	22453	TRC	30,000,000.00	07/31/2023	0.125	6,317.93	0.00	9,375.00	0.00	15,692.93
91282CAF8	22408	TRC	12,000,000.00	08/15/2023	0.125	1,915.76	0.00	3,750.00	0.00	5,665.76
91282CAF8	22468	TRC	10,000,000.00	08/15/2023	0.125	1,596.47	0.00	3,125.00	0.00	4,721.47
91282CCU3	22450	TRC	5,000,000.00	08/31/2023	0.125	535.22	0.00	1,588.40	0.00	2,123.62
91282CAK7	22402	TRC	15,000,000.00	09/15/2023	0.125	828.73	0.00	4,765.19	0.00	5,593.92
91282CBE0	22411	TRC	22,000,000.00	01/15/2024	0.125	5,828.80	0.00	6,875.00	0.00	12,703.80
9128285Z9	22406	TRC	17,000,000.00	01/31/2024	2.500	71,603.26	0.00	106,250.00	0.00	177,853.26
91282CBM2	22403	TRC	20,000,000.00	02/15/2024	0.125	3,192.93	0.00	6,250.00	0.00	9,442.93
91282CCC3	22416	TRC	15,000,000.00	05/15/2024	0.250	14,164.40	0.00	9,454.38	18,750.00	4,868.78
	<b>Subtotal</b>		<b>295,000,000.00</b>			<b>216,356.54</b>	<b>0.00</b>	<b>255,495.38</b>	<b>106,250.00</b>	<b>365,601.92</b>
<b>Federal Agency Issues - Coupon</b>										
3133EFUJ4	22365	FAC	0.00	12/29/2022	2.150	71,427.78	0.00	68,322.22	139,750.00	0.00
313382AX1	22359	FAC	15,000,000.00	03/10/2023	2.125	18,593.75	0.00	79,687.50	0.00	98,281.25
3133ELUF9	22361	FAC	10,000,000.00	03/15/2023	0.790	3,511.11	0.00	19,750.00	0.00	23,261.11
3133EM4Q2	22428	FAC	20,000,000.00	05/15/2023	0.170	12,844.45	0.00	8,500.00	17,000.00	4,344.45
3135G05G4	22452	FAC	10,000,000.00	07/10/2023	0.250	5,625.00	0.00	6,250.00	0.00	11,875.00
3133ENEY2	22441	FAC	15,000,000.00	07/24/2023	0.450	12,562.50	0.00	16,875.00	0.00	29,437.50
313383AQ4	22461	FAC	25,000,000.00	08/30/2023	2.220	186,541.67	0.00	138,750.00	277,500.00	47,791.67
3137EAEY1	22387	FAC	20,000,000.00	10/16/2023	0.125	11,458.33	0.00	6,250.00	12,500.00	5,208.33
3134GW6E1	22389	FAC	18,000,000.00	11/02/2023	0.320	23,840.00	0.00	14,400.00	28,800.00	9,440.00
3137EAEZ8	22392	FAC	10,000,000.00	11/06/2023	0.250	10,069.44	0.00	6,250.00	12,500.00	3,819.44
3133ENGW4	22444	FAC	15,000,000.00	12/13/2023	0.660	29,700.00	0.00	24,750.00	49,500.00	4,950.00
3133EMNG3	22401	FAC	18,000,000.00	01/19/2024	0.230	8,280.00	0.00	10,350.00	0.00	18,630.00
3130ASRB7	22473	FAC	15,000,000.00	01/26/2024	3.400	87,833.33	0.00	127,500.00	0.00	215,333.33
3130APYX7	22442	FAC	20,000,000.00	05/24/2024	0.800	56,444.43	0.00	40,000.00	80,000.00	16,444.43

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**County of Santa Cruz**  
**Accrued Interest**  
**Sorted by Security Type - Maturity Date**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
<b>Federal Agency Issues - Coupon</b>										
3130ARQ46	22464	FAC	10,000,000.00	05/28/2024	2.720	115,600.00	0.00	68,000.00	136,000.00	47,600.00
3130A1XJ2	22471	FAC	29,270,000.00	06/14/2024	2.875	250,116.22	0.00	210,378.12	420,756.25	39,738.09
3130AQJ38	22455	FAC	25,000,000.00	07/25/2024	1.050	48,125.00	0.00	65,625.00	0.00	113,750.00
3134GXJ54	22474	FAC	20,000,000.00	07/26/2024	3.650	125,722.22	0.00	182,500.00	0.00	308,222.22
3134GXRF3	22466	FAC	25,000,000.00	07/29/2024	2.625	113,020.83	0.00	164,062.50	0.00	277,083.33
3134GXTA2	22469	FAC	20,000,000.00	08/26/2024	3.050	59,305.56	0.00	152,500.00	0.00	211,805.56
3133EMNF5	22399	FAC	20,000,000.00	01/15/2025	0.375	15,833.33	0.00	18,750.00	0.00	34,583.33
3134GXK94	22475	FAC	20,000,000.00	08/15/2025	4.050	103,500.00	0.00	202,500.00	0.00	306,000.00
3137EAEX3	22398	FAC	15,000,000.00	09/23/2025	0.375	1,250.00	0.00	14,062.50	0.00	15,312.50
3130APGN9	22427	FAC	15,000,000.00	10/28/2026	1.150	73,312.50	0.00	43,125.00	86,250.00	30,187.50
		<b>Subtotal</b>	<b>410,270,000.00</b>			<b>1,444,517.45</b>	<b>0.00</b>	<b>1,689,137.84</b>	<b>1,260,556.25</b>	<b>1,873,099.04</b>
<b>Medium Term Notes</b>										
037833BU3	22323	MTN	15,000,000.00	02/23/2023	2.850	45,125.00	0.00	106,875.00	0.00	152,000.00
037833AK6	22463	MTN	4,000,000.00	05/03/2023	2.400	39,466.67	0.00	24,000.00	48,000.00	15,466.67
037833AK6	22472	MTN	8,145,000.00	05/03/2023	2.400	80,364.00	0.00	48,870.00	97,740.00	31,494.00
06051GFB0	22467	MTN	3,276,000.00	01/22/2024	4.125	25,900.88	0.00	33,783.75	0.00	59,684.63
06048WV31	22470	MTN	10,000,000.00	04/29/2024	3.100	53,388.89	0.00	77,500.00	77,500.00	53,388.89
06048WQ60	22440	MTN	20,000,000.00	06/03/2024	1.000	15,555.56	0.00	50,000.00	50,000.00	15,555.56
14912L6C0	22465	MTN	3,000,000.00	06/09/2024	3.300	30,800.00	0.00	24,750.00	49,500.00	6,050.00
594918BB9	22462	MTN	17,544,000.00	02/12/2025	2.700	64,474.20	0.00	118,422.00	0.00	182,896.20
06048WT91	22457	MTN	10,000,000.00	03/10/2025	2.350	13,708.33	0.00	58,750.00	0.00	72,458.33
58933YAY1	22425	MTN	5,000,000.00	02/24/2026	0.750	3,854.17	0.00	9,375.00	0.00	13,229.17
		<b>Subtotal</b>	<b>95,965,000.00</b>			<b>372,637.70</b>	<b>0.00</b>	<b>552,325.75</b>	<b>322,740.00</b>	<b>602,223.45</b>
<b>Negotiable CDs</b>										
65558UVS8	22476	NCB	0.00	10/12/2022	2.390	89,625.00	0.00	18,256.94	107,881.95	-0.01
89114WV92	22448	NCB	25,000,000.00	01/13/2023	0.470	94,652.78	0.00	30,027.77	0.00	124,680.55
87019WVGK5	22478	NCB	30,000,000.00	06/26/2023	5.090	0.00	0.00	106,041.67	0.00	106,041.67
		<b>Subtotal</b>	<b>55,000,000.00</b>			<b>184,277.78</b>	<b>0.00</b>	<b>154,326.38</b>	<b>107,881.95</b>	<b>230,722.21</b>
<b>Municipal Bonds</b>										
91412G2U8	22339	MUN	3,000,000.00	05/15/2023	2.519	28,548.67	0.00	18,892.50	37,785.00	9,656.17
13032UJK9	22391	MUN	6,500,000.00	06/01/2023	0.553	11,981.67	0.00	8,986.25	17,972.50	2,995.42
127109PZ3	22336	MUN	3,035,000.00	08/01/2023	1.964	9,934.57	0.00	14,901.85	0.00	24,836.42
801546QU9	22456	MUN	2,430,000.00	08/01/2024	2.000	8,100.00	0.00	12,150.00	0.00	20,250.00
91412GU94	22410	MUN	8,600,000.00	07/01/2025	3.063	65,854.50	0.00	65,854.50	0.00	131,709.00
127109QB5	22477	MUN	1,215,000.00	08/01/2025	2.194	4,442.85	0.00	6,664.28	0.00	11,107.13
79770GJB3	22445	MUN	4,250,000.00	08/01/2025	1.561	11,057.08	0.00	16,585.63	0.00	27,642.71

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**County of Santa Cruz  
Accrued Interest  
Sorted by Security Type - Maturity Date**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
<b>Municipal Bonds</b>										
419792YR1	22421	MUN	10,000,000.00	08/01/2026	0.893	14,883.33	0.00	22,325.00	0.00	37,208.33
54438CYL0	22439	MUN	5,000,000.00	08/01/2026	1.174	9,783.33	0.00	14,675.00	0.00	24,458.33
		<b>Subtotal</b>	<b>44,030,000.00</b>			<b>164,586.00</b>	<b>0.00</b>	<b>181,035.01</b>	<b>55,757.50</b>	<b>289,863.51</b>
<b>Local Agency Investment Fund (LAIF)</b>										
SYS6501	6501	LA1	52,212.99		1.990	15,643.70	0.00	230.31	15,643.70	230.31
		<b>Subtotal</b>	<b>52,212.99</b>			<b>15,643.70</b>	<b>0.00</b>	<b>230.31</b>	<b>15,643.70</b>	<b>230.31</b>
<b>Dividends</b>										
SYS22423	22423	PA4	0.00		3.560	89.59	0.00	892.85	819.87	162.57
		<b>Subtotal</b>	<b>0.00</b>			<b>89.59</b>	<b>0.00</b>	<b>892.85</b>	<b>819.87</b>	<b>162.57</b>
<b>Supranationals</b>										
4581X0DA3	22390	MC6	10,000,000.00	01/18/2023	2.500	50,694.44	0.00	62,500.00	0.00	113,194.44
45950KCP3	22375	MC6	15,000,000.00	07/31/2023	2.875	72,697.92	0.00	107,812.50	0.00	180,510.42
459058JM6	22394	MC6	18,000,000.00	11/24/2023	0.250	15,875.00	0.00	11,250.00	22,500.00	4,625.00
4581X0CF3	22407	MC6	14,000,000.00	02/21/2024	3.000	46,666.67	0.00	105,000.00	0.00	151,666.67
459058JB0	22420	MC6	15,000,000.00	04/22/2025	0.625	41,256.25	0.00	23,437.50	46,950.00	17,743.75
459058JL8	22404	MC6	18,000,000.00	10/28/2025	0.500	38,250.00	0.00	22,500.00	45,000.00	15,750.00
		<b>Subtotal</b>	<b>90,000,000.00</b>			<b>265,440.28</b>	<b>0.00</b>	<b>332,500.00</b>	<b>114,450.00</b>	<b>483,490.28</b>
<b>Money Market Mutual Funds 02</b>										
070731229	1229	RRP	15,000,000.00		3.500	0.00	0.00	37,397.27	0.00	37,397.27
SYS011119	22302	RRP	275,000,000.00		3.900	64,069.78	0.00	1,353,420.42	536,437.84	881,052.36
157 519 832 743	22283	RRP	0.00		0.004	0.41	0.00	0.44	0.85	0.00
		<b>Subtotal</b>	<b>290,000,000.00</b>			<b>64,070.19</b>	<b>0.00</b>	<b>1,390,818.13</b>	<b>536,438.69</b>	<b>918,449.63</b>
		<b>Total</b>	<b>1,280,317,212.99</b>			<b>2,727,619.23</b>	<b>0.00</b>	<b>4,556,761.65</b>	<b>2,520,537.96</b>	<b>4,763,842.92</b>

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## DESCRIPTION OF INVESTMENT INSTRUMENTS

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The investment activities of County Treasurers are restricted by state law to a select group of government securities and prime money market instruments. To reduce the risk inherent in any one instrument, state law further limits the percentage of the county's portfolio that can be invested in any one type of security.

The types of securities available to the County Treasurer can be divided into three main categories: 1) U.S. Treasury bills, notes and bonds. They are guaranteed by the U.S. Government and are considered to have no credit risk. They also typically have the lowest yield of the securities available for investing. 2) Securities issued by U.S. Government Agencies and Instrumentalities. These securities consist mostly of notes and debentures of agencies and government sponsored corporations. They are not guaranteed by the U.S. government and therefore have some credit risk. Their yield is typically higher than U.S. Treasury securities. 3) Prime money market securities. These consist of securities such as bankers' acceptances, certificates of deposit, commercial paper and municipal bonds. The yield is typically higher than the other types of securities in which the county invests but the risk is also higher. Through diversification and purchasing only highly rated paper, the credit risk is kept to an acceptable minimum. Each of the securities in these three categories is subject to market risk if sold prior to maturity.

What follows is a brief description of the different securities used by the County Treasurer:

**U.S. Treasury Notes and Bonds** are long term obligations of the U.S. government, which bear coupons. Interest is payable every six months at a rate of one-half the annual coupon. Treasury bonds and notes trading is conducted by the same securities dealers who trade T bills. In the secondary market, prices are quoted in thirty-seconds of 1 percent. Except for their maturities, notes and bonds are identical regardless of their label. Notes are issued for original maturities of one to 10 years. Bonds are issued with original maturities of more than 10 years.

**U.S. Treasury Bills** are unusual instruments because they bear no specific interest rate. Rather, they are issued originally at a discount from its ultimate maturity (par) value. Because T Bills are issued and traded at a discount, investors receive their returns at maturity or on subsequent resale, which ordinarily will be at prices higher than the original discount.

**Federal Farm Credit Bank (FFCB) Discount Notes.** FFCB is an instrumentality of the U.S. Government. The notes are the consolidated obligations of the 37 Farm Credit Banks issued on a discount basis with maturities of one year or less. Although not as risk free as Treasury notes, most experts believe the U.S. government has a moral commitment to the farm credit system.

**Federal Farm Credit Bank (FFCB) debentures** are consolidated obligations of the 37 Farm Credit Banks issued with a fixed coupon rate with maturities ranging from 6 months to 20 years. A debenture is a bond secured only by the general credit of the issuer.

**Federal Home Loan Bank (FHLB) Discount notes** are consolidated obligations of 12 District banks issued with a fixed coupon rate with maturities ranging from one to ten years. Although the FHLB operates under federal charter with government supervision, the securities are not guaranteed by the U.S. government. However, the banks are required to maintain a considerable reserve pledged against the outstanding debt. They are therefore considered relatively risk free.

**Federal National Mortgage Association (Fannie Mae) Discount notes** are consolidations of government chartered private corporations issued on a discount basis with maturities under one year. They are guaranteed by the corporations, but not by the U.S. government. Many investors consider the securities a moral obligation of the U.S. government and believe Congress would intervene before allowing default.

**Federal National Mortgage Association (Fannie Mae) debentures** are obligations issued by the Association with a fixed coupon rate and various maturities. A debenture is a bond secured only by the general credit of the issuer.

**Local Agency Investment Fund (LAIF)** is the state sponsored investment fund. LAIF is an excellent cash management tool to help meet most of the unexpected cash demands. Currently the state limits the county's investment in this pool to \$65,000,000.

**Federal Home Loan Mortgage Corporation (Freddie Mac) Participation Notes** are issues of the Federal Home Loan Mortgage Corporation representing undivided interests in conventional mortgages underwritten and previously purchased by it. The corporation guarantees the timely payment of interest at the certificate rate and full return of principal. Participation Certificates have original final payment dates of 30 years.

**Government National Mortgage Association (Ginnie Mae) Pass Through** are issues of the wholly owned government corporation within the Department of Housing and Urban Development. Principal and interest payment collected on mortgages in specified pools are passed through to holders of GNMA Guaranteed certificates after deduction of servicing and guaranty fees. GNMA's have original stated maturities of 12 to 40 years. For Santa Cruz County, these are used only as collateral for overnight repurchase agreements.

**Municipal Securities (Notes and Bonds) Debt** securities issued by state and local governments and their agencies are referred to as municipal securities. Such securities can be divided into two broad categories: bonds issued to finance capital projects and short term notes sold in anticipation of the receipt of other funds, such as taxes or proceeds from a bond issue.

**Banker's Acceptances.** Briefly stated, the function of the bankers' acceptance is as follows: A borrower may, under certain circumstances, obtain short-term credit by arranging for his bank to accept a time draft upon it. The bank stamps its official accepted across the face of the draft and converts it into a bankers' acceptance. The instrument, now being a bank obligation, may be sold to an acceptance dealer who, in turn, may sell it to an investor. Most BAs arise out of transactions involving the trade of manufactured goods or commodities. Maturities range from one to 180 days.

**Commercial Paper** is a short-term promissory note issued by a company to finance current transactions. All commercial paper is negotiable, but most commercial paper sold to investors is held to maturity. Commercial paper is issued not only by industrial and manufacturing firms but also by finance companies. Notes are sold on a discount or interest-bearing basis with maturities not exceeding 270 days.

**Medium Term Notes** are obligations that have maturities of less than 5 years and are issued by corporations or depositories organized and operating in the U.S.

**Negotiable Certificate of Deposit (NCD).** It is a receipt for deposit of a stated sum in the bank on a given date, together with a promise to redeem this sum plus interest at the indicated rate on a designated date. The instrument is negotiable because it is payable either to bearer or to the order of the depositor.

**Repurchase Agreements (RP or Repos).** A holder of securities sells securities to an investor with an agreement to repurchase them at a fixed price on a fixed date. Repurchase agreements are usually for short periods of time (one to five days), when large sums are received that will be needed in the next day or two. As a result, they are often called overnight repos. From the point of view of investors, overnight repos offer several attractive features. First, by rolling overnight repos, investors can keep surplus funds invested without losing liquidity or incurring a price risk. Second, because repo transactions are secured by top quality paper, investors expose themselves to little or no risk.

**Guaranteed Investment Contract (GIC).** This is a fixed income agreement offered by insurance companies. GICs offer to pay a specific interest rate over a period of time. Some GICs are eligible for early redemption, with or without penalty, which eliminates market risk if interest rates rise. In Santa Cruz County it is only used for the investment of secured indebtedness and only if the note documentation permits such an investment.

**Money Market (Mutual) Fund.** A money market mutual fund is a pooled fund that invests in a number of money market vehicles (CD's, CP, T-Bills, etc.). These funds are designed to pay the investor interest, as well as provide full liquidity. Maturities of the underlying investments are 13 months or less.