

County of Riverside

Treasurer-Tax Collector's Pooled Investment Fund

April 2022

Contents

2 | Treasurer-Tax Collector's Pooled Investment Fund

3 | Economy

4 | Market Data

5 | Portfolio Data

8 | Compliance Report

9 | Month End Holdings



Treasurer-Tax Collector's Pooled Investment Fund

Monthly Commentary

Inflation Fear Drives the FED

Increasing inflation in April intensified the markets' expectation of further Federal Reserve (FED) rate hikes. There were no FED meetings in April, however economic reports and fixed income market trends were supportive of continued higher rates throughout the rest of 2022. After two years of their Zero Interest-Rate Policy, the FED's new objective to combat inflation by selling securities out of their nearly \$9 trillion balance sheet, and by increasing short-term rates, continued to make yields more attractive for fixed-income investors like the Treasurer-Tax Collector's Pooled Investment Fund.

Overall, the economy continues to benefit from very strong consumer demand. GDP, a measure of the total expenditure on the economy's goods and services, surprised analysts by showing the economy contracted at a 1.4% annualized rate in the first quarter. A closer look, however, showed the contraction was driven by two more volatile components of GDP, net exports and inventories. Economists are looking past this release as they focus on personal consumption expenditures and fixed investment which were positive contributors. Indeed, on a year-over-year basis, the economy grew 3.6%.

Inflation continues to drive the FED. The Consumer Price Index posted the largest monthly

increase since September 2005 as consumer-goods prices slowed their rate of gains while services costs accelerated. Major contributors to high inflation include energy prices, however groceries prices were up 10% over the past year, the largest 1-year increase in 41 years. Outside of food and energy, we saw price growth advancing for car rentals, hotel stays and medical services. Airline fares posted the largest monthly gain on record, rising 10.7%. Strength in the economy gives the FED confidence to continue combatting inflation.

Housing prices continued to climb in all six of the Southern California counties. Record highs, by county, included \$1.02 million in Orange (the region's first seven-figure median); \$840,000 in Los Angeles; \$805,000 in San Diego; \$775,000 in Ventura; \$580,000 in Riverside; and \$495,000 in San Bernardino.

Rancho Mirage had a median listing home price of \$995,000, making it the most expensive city within Riverside County while Desert Hot Springs had a median listing home price of \$380,000, making that the most affordable.

At some point, rising mortgage rates should take some steam out of the market. The cost of a \$500,000, 30-year mortgage is up \$600 a month just from the beginning of the year. The rise in rates seems to be slowing mortgage origi-

nations.

Headline Retail Sales went up 0.5%, however considering inflation, sales were -1.6% suggesting perhaps inflation is slowing down activity. Typically, demand for gasoline is not as sensitive to price changes as many other goods. People rely on it to navigate many critical daily activities. But with gas prices up 20%, adjusting for inflation, gas sales volumes fell 7.9%.

In anticipation of the May 4th FED meeting, interest rates have been moving higher across the curve. Also of note, the yield curve steepened, relieving some of the fear of an inverted curve foreshadowing an imminent recession. The 2-10 spread, the spread between the 2-year and 10-year US Treasury notes, went from essentially flat at the end of March, to 22 basis points by the end of April, as the 2-year increased 38 basis points and the 10-year rose 60 basis points. The Dow Jones slipped 5.5% from 34,800 to 33,000 over the month. Market participants expect the FED to follow up their March 0.25% rate increase with a 0.50% increase in May, and as much as 0.75% in June.

Matt Jennings
Treasurer-Tax Collector

Capital Markets Team

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Treasurer's Statement

The Treasurer's Pooled Investment Fund is comprised of contributions from the county, schools, special districts, and other discretionary depositors throughout the County of Riverside. The primary objective of the Treasurer shall be to **safeguard the principal** of the funds under the Treasurer's control, meet the **liquidity needs** of the depositor, and to maximize a **return on the funds** within the given parameters.

The Treasurer-Tax Collector and the Capital Markets team are committed to maintaining the highest credit ratings. The Treasurer's Pooled Investment Fund is currently rated **Aaa-bf** by **Moody's Investor Service** and **AAAf/S1** by **Fitch Ratings**, two of the nation's most trusted bond credit rating services.

Since its inception, the Treasurer's Pooled Investment Fund has been in **full compliance** with the Treasurer's Statement of Investment Policy, which is more restrictive than California.

6-Month Pool Performance

	Month End Market Value (\$)*	Month End Book Value (\$)	Paper Gain or Loss (\$)	Paper Gain or Loss (%)	Book Yield (%)	WAM (Yrs)
Apr-22	12,223,501,225.69	12,388,309,036.60	(164,807,810.91)	-1.330%	0.68	1.10
Mar-22	11,224,948,921.05	11,359,758,397.80	(134,809,476.75)	-1.187%	0.56	1.17
Feb-22	10,647,353,094.73	10,725,034,718.84	(77,681,624.11)	-0.724%	0.39	1.17
Jan-22	11,106,132,666.90	11,166,034,565.94	(59,901,899.04)	-0.536%	0.33	1.13
Dec-21	11,219,005,977.66	11,247,581,460.79	(28,575,483.13)	-0.254%	0.30	1.12
Nov-21	9,154,079,077.30	9,175,074,689.36	(20,995,612.06)	-0.229%	0.33	1.31

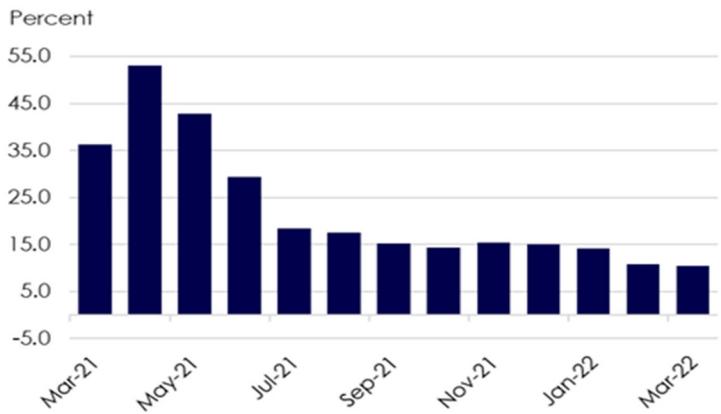
*Market values do not include accrued interest.

Economy

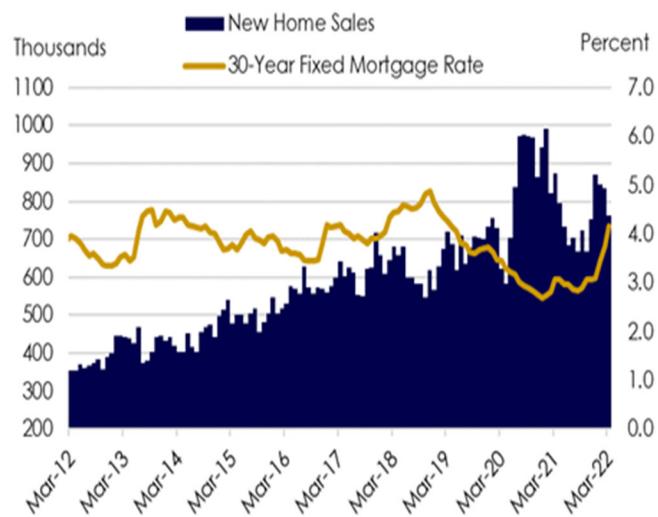
Private Sector Average Hourly Earnings Y/Y



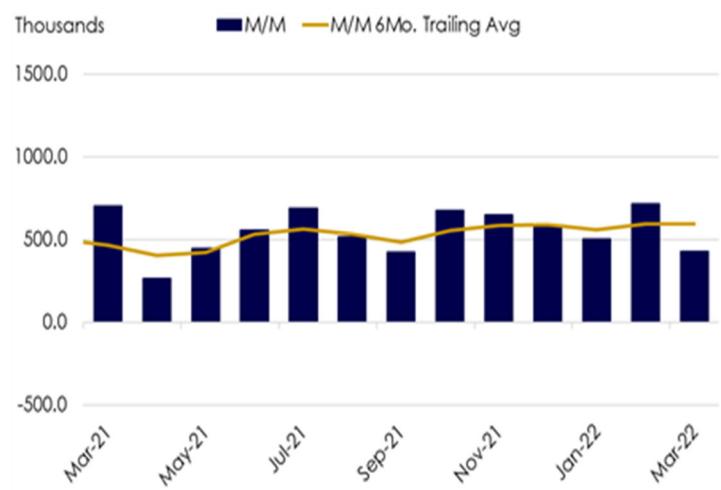
Durable Goods Percent Chg. Y/Y



New Home Sales SAAR



Nonfarm Payrolls Total M/M Change SA



Key Economic Indicators

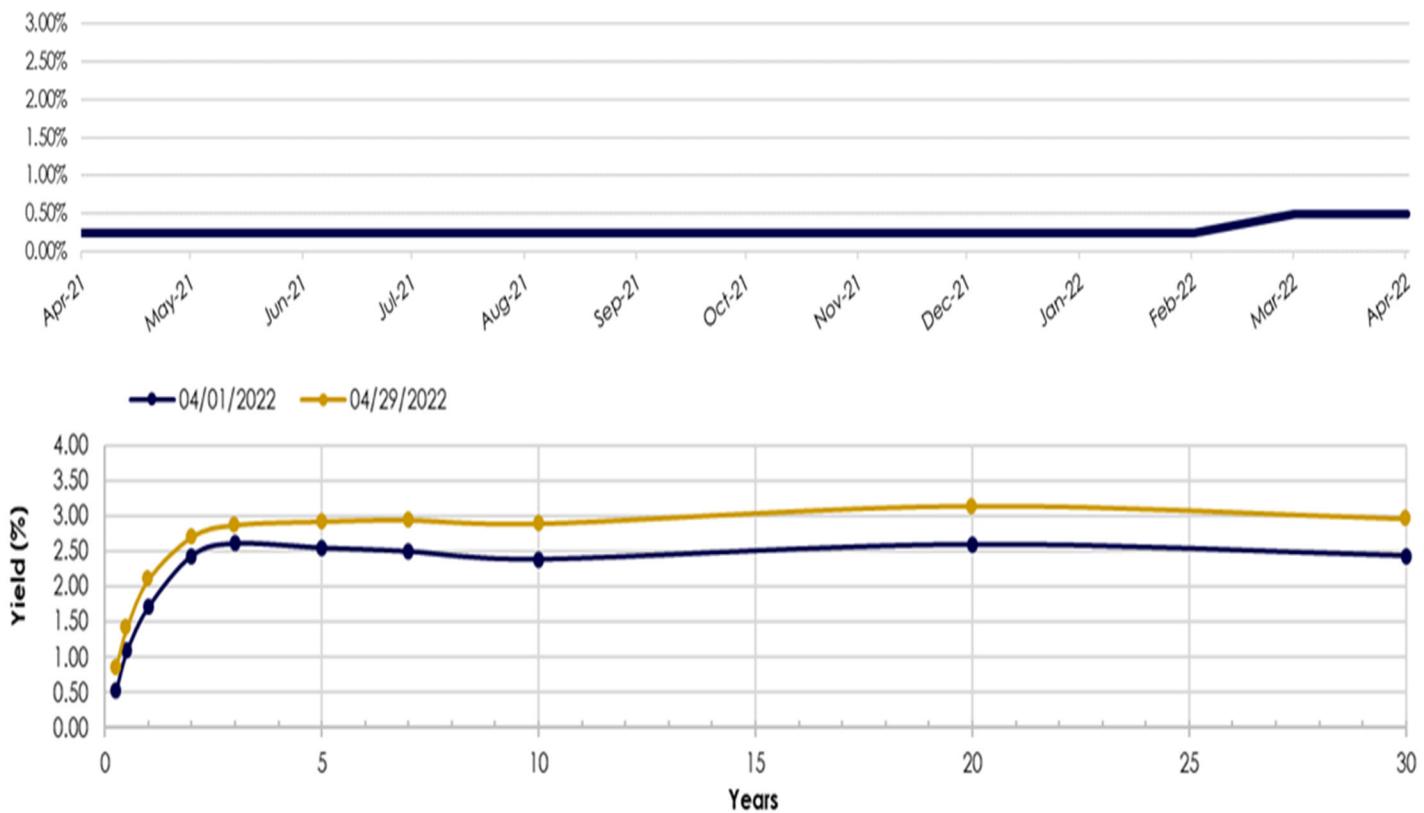
Release Date	Indicator	Actual	Consensus
04/01/2022	Unemployment Rate - Seasonally Adjusted	3.6%	3.7%
04/01/2022	Non-Farm Payrolls - M/M Change - Thousands	431	490
04/04/2022	Factory Orders - M/M Change	-0.5%	-0.6%
04/04/2022	Durable Goods Orders - New Orders - M/M Change	-2.1%	-2.2%
04/05/2022	ISM Non-Manufacturing Index (> 50 indicates growth)	58.3	58.5
04/12/2022	CPI - Y/Y Change	8.5%	8.4%
04/12/2022	CPI Ex Food and Energy - Y/Y Change	6.5%	6.6%
04/26/2022	New Home Sales - SAAR - Thousands	763	768
04/28/2022	Real GDP - Q/Q Change	-1.4%	1.0%

Market Data

Federal Open Market Committee Meeting

- The FOMC stated that the invasion of Ukraine by Russia is causing tremendous human and economic hardship. The implications for the U.S. economy are highly uncertain, but in the near term the invasion and related events are likely to create additional upward pressure on inflation and weigh on economic activity.
- The FOMC raised the target range for the federal funds rate to 0.25% - 0.50% on March 16th.
- The FOMC stated in their March statement, that they expect to begin reducing its holdings of Treasury securities and agency debt and agency mortgage-backed securities at a coming meeting.

Fed Funds Target Rate (Upper Limit)



US Treasury Yield Curve	3 Mo	6 Mo	1 Yr	2 Yr	3 Yr	5 Yr	10 Yr	30 Yr
04/29/2022 - 04/01/2022	0.32	0.32	0.38	0.26	0.26	0.37	0.50	0.52
04/29/2022	0.85	1.41	2.10	2.70	2.87	2.92	2.89	2.96
04/01/2022	0.53	1.09	1.72	2.44	2.61	2.55	2.39	2.44

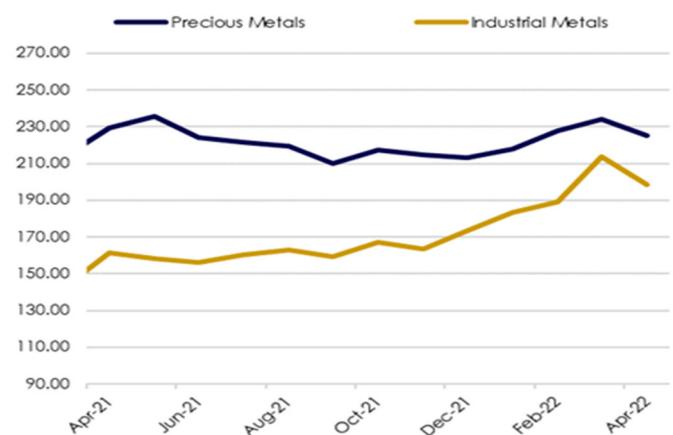
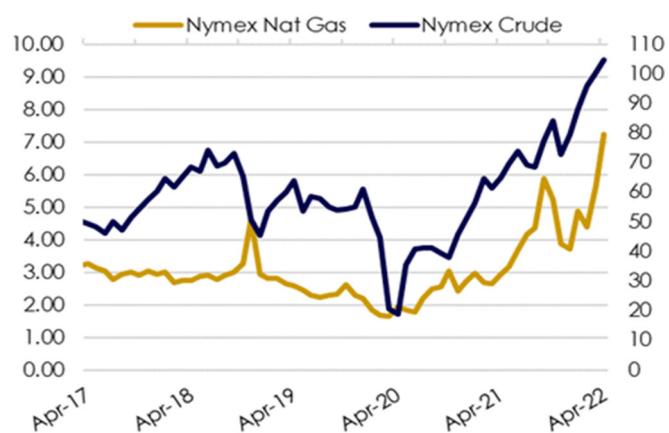
The US Treasury Curve and its values are subject to frequent change and will be updated monthly with each issued TPIF report.

Market Data cont'd

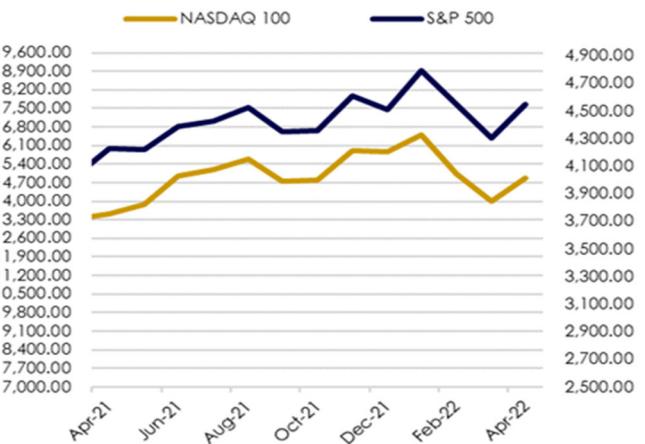
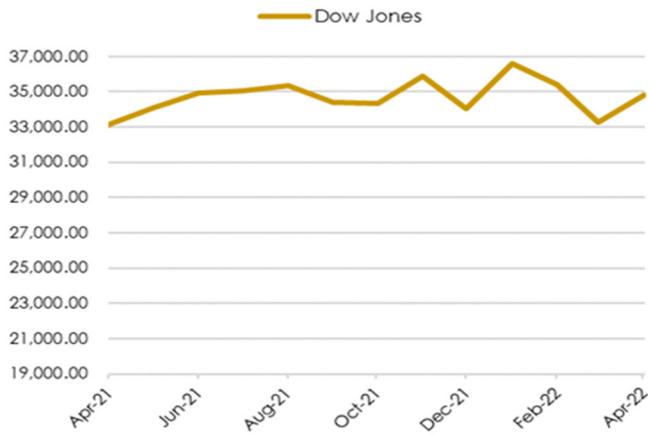
U.S. Treasuries



Commodities



Stocks



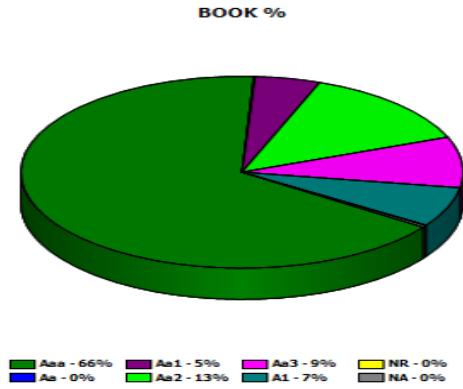
* Values listed for commodities and stocks are in US dollars and are as of the final business day of each month.

Portfolio Data

The County of Riverside's Treasurer's Pooled Investment Fund is currently rated **AAA-bf** by **Moody's Investor Service** and **AAAf/S1** by **Fitch Ratings**.

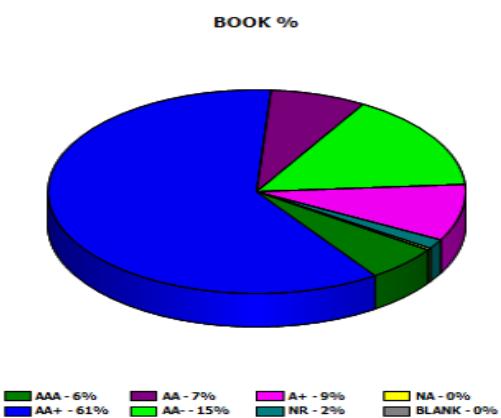
Moody's Asset Rating (000's)

Moody (000's)	Par	Book	Market	MKT/Book	Yield
Aaa	8,216,863.46	8,193,891.93	8,029,282.20	97.99%	0.71%
Aa	10,000.00	10,000.00	9,405.50	94.06%	0.70%
Aa1	591,575.00	591,660.90	591,660.90	100.00%	0.53%
Aa2	1,648,525.00	1,649,331.83	1,649,359.50	100.00%	0.54%
Aa3	1,061,540.00	1,060,011.44	1,060,163.53	100.01%	0.60%
A1	834,900.00	833,756.48	833,835.80	100.01%	0.77%
NR	50,000.00	49,656.46	49,793.80	101.19%	2.96%
Totals (000's):	12,413,403.46	12,388,309.04	12,223,501.23	98.67%	0.68%



S&P Asset Rating (000's)

S&P (000's)	Par	Book	Market	MKT/Book	Yield
AAA	704,240.04	704,060.52	701,913.97	99.70%	0.27%
AA+	7,541,098.42	7,519,726.98	7,356,705.34	97.83%	0.75%
AA	921,110.00	919,752.35	919,904.15	100.02%	0.51%
AA-	1,900,000.00	1,900,014.26	1,900,014.26	100.00%	0.60%
A+	1,115,000.00	1,113,627.32	1,113,734.61	100.01%	0.72%
NR	231,955.00	231,127.60	231,228.91	100.04%	0.67%
Totals (000's):	12,413,403.46	12,388,309.04	12,223,501.23	98.67%	0.68%



12-Month Projected Cash Flow

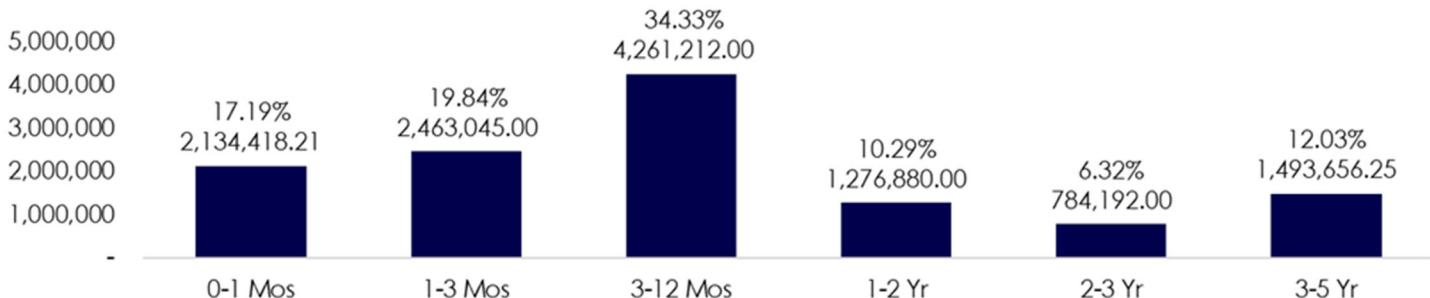
Month	Monthly Receipts	Monthly Disbursements	Difference	Required Matured Investments	Balance	Actual Investments Maturing	Available to Invest > 1 Year
05/2022					65.00		
05/2022	1,700.00	2,200.00	-500.00	435.00	0.00	2,354.42	
06/2022	2,000.00	2,400.00	-400.00	400.00	0.00	1,244.25	
07/2022	1,500.00	1,800.00	-300.00	300.00	0.00	793.77	
08/2022	1,398.14	1,552.97	-154.83	154.83	0.00	481.28	
09/2022	2,050.00	1,804.41	245.59		245.59	665.50	
10/2022	1,500.00	1,700.00	-200.00		45.59	647.31	
11/2022	1,600.00	1,700.00	-100.00	54.41	0.00	630.00	
12/2022	3,500.00	1,800.00	1700.00		1,700.00	153.25	
01/2023	1,600.00	2,400.00	-800.00		900.00	870.00	
02/2023	1,500.00	1,800.00	-300.00		600.00	25.00	
03/2023	2,350.00	1,800.00	550.00		1,150.00	236.75	
04/2023	2,750.00	2,070.00	680.00		1,830.00	85.00	
TOTALS	23,448.14	23,027.38	420.76	1,344.24	6,536.18	8,186.52	11,043.76
				10.85%		66.08%	89.15%

* Values listed in Cash Flow Table are in millions of USD.

Based on historic and current financial conditions within the County, the Pool is expected to maintain sufficient liquidity of funds to cover County expenses for the next twelve months.

Portfolio Data cont'd

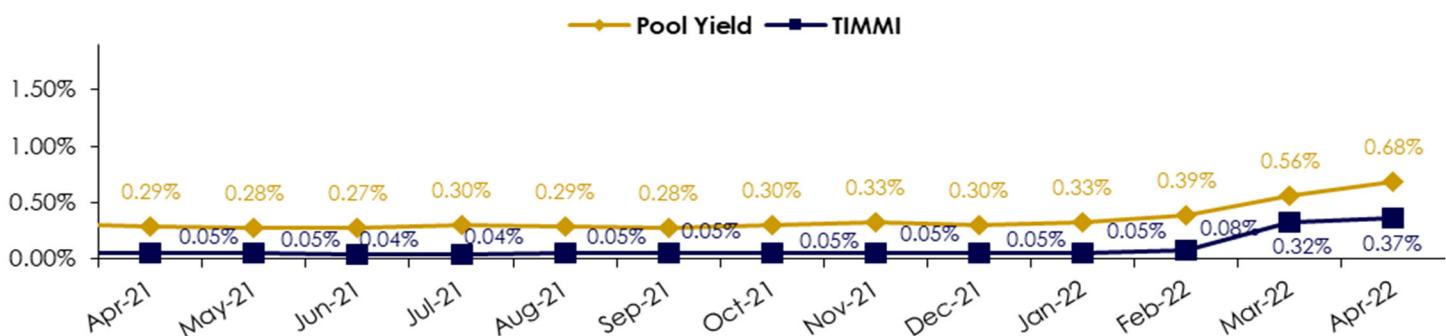
Asset Maturity Distribution (Par Value, 000's)



Asset Allocation (000's)

Assets (000's)	Scheduled Par	Scheduled Book	Scheduled Market	Mkt / Sch Book	Yield	WAL (Yr)	Mat (Yr)
MMKT	306,890.04	307,000.00	307,000.00	100.00%	0.20%	.003	.003
CALTRUST FND	93,213.17	94,017.20	94,017.20	100.00%	0.27%	.003	.003
DDA/PASSBK	1,000.00	1,000.00	1,000.00	100.00%	0.19%	.003	.003
US TREAS BILLS	1,430,000.00	1,424,241.35	1,425,023.11	100.05%	0.57%	.391	.391
US TREAS BONDS	2,110,000.00	2,103,385.98	2,059,019.55	97.89%	0.76%	1.642	1.642
FHLMC BONDS	490,710.00	488,400.36	464,262.16	95.06%	0.58%	1.918	2.482
FNMA BONDS	474,751.00	475,556.58	447,956.50	94.20%	0.70%	1.631	2.746
FHLB DISC NOTES	395,000.00	392,645.91	392,588.35	99.99%	0.93%	.415	.415
FHLB BONDS	1,267,671.25	1,263,144.62	1,210,186.50	95.81%	1.11%	2.968	3.376
FFCB DISC NOTES	45,000.00	44,925.46	44,849.20	99.83%	0.22%	.242	.242
FFCB BONDS	630,288.00	628,532.53	613,937.69	97.68%	0.85%	1.665	2.014
FMAC DISC NOTES	40,000.00	39,708.56	39,727.60	100.05%	1.23%	.504	.504
FARMER MAC	10,000.00	9,947.90	10,066.20	101.19%	2.96%	1.167	1.167
MUNI BONDS	261,670.00	262,634.21	262,634.21	100.00%	0.38%	1.095	1.095
COMM PAPER	1,883,315.00	1,879,506.31	1,879,735.44	100.01%	0.56%	.148	.148
NCDS	2,720,000.00	2,720,014.62	2,720,014.62	100.00%	0.61%	.332	.332
IBRD DISC NOTES	125,000.00	124,917.44	124,893.50	99.98%	0.16%	.103	.103
IBRD BONDS	3,895.00	3,873.76	3,856.21	99.55%	2.54%	1.912	1.912
IFC BONDS	125,000.00	124,856.25	122,733.18	98.30%	0.68%	2.335	2.335
Totals (000's):	12,413,403.46	12,388,309.04	12,223,501.23	98.67%	0.68%	1.010	1.134

TIMMI



The Treasurer's Institutional Money Market Index (TIMMI) is a composite index of four AAA rated prime institutional money market funds. Their average yield is compared to the yield of the Treasurer's Pooled Investment Fund in the above graph.

Compliance Report

Compliance Status: Full Compliance

The Treasurer's Pooled Investment Fund was in full compliance with the County of Riverside's Treasurer's Statement of Investment Policy. The County's Statement of Investment Policy is more restrictive than California Government Code 53646. The County's Investment Policy is reviewed annually by the County of Riverside's Oversight Committee and approved by the Board of Supervisors.

Investment Category	GOVERNMENT CODE			COUNTY INVESTMENT POLICY			Actual %
	Maximum Remaining Maturity	Authorized % Limit	S&P/ Moody's	Maximum Remaining Maturity	Authorized % Limit	S&P/Moody's/ Fitch	
MUNICIPAL BONDS (MUNI)	5 YEARS	NO LIMIT	NA	4 YEARS	15%	AA-/Aa3/AA-	2.12%
U.S. TREASURIES	5 YEARS	NO LIMIT	NA	5 YEARS	100%	NA	28.48%
LOCAL AGENCY OBLIGATIONS (LAO)	5 YEARS	NO LIMIT	NA	3 YEARS	2.50%	INVESTMENT GRADE	0.00%
FEDERAL AGENCIES	5 YEARS	NO LIMIT	AAA	5 YEARS	100%	NA	26.98%
COMMERCIAL PAPER (CP)	270 DAYS	40%	A1/P1	270 DAYS	40%	A1/P1/F1	15.17%
CERTIFICATE & TIME DEPOSITS (NCD & TCD)	5 YEARS	30%	NA	1 YEAR	25% Combined	A1/P1/F1	21.96%
INT'L BANK FOR RECONSTRUCTION AND DEVELOPMENT AND INT'L FINANCE CORPORATION	NA	NA	NA	4 YEARS	20%	AA/Aa/AA	2.05%
REPURCHASE AGREEMENTS (REPO)	1 YEARS	NO LIMIT	NA	45 DAYS	40% max, 25% in term repo over 7 days	A1/P1/F1	0.0%
REVERSE REPOS	92 DAYS	20%	NA	60 DAYS	10%	NA	0.00%
MEDIUM TERM NOTES (MTNO)	5 YEARS	30%	A	3 YEARS	20%	AA/Aa2/AA	0.00%
CALTRUST SHORT TERM FUND	NA	NA	NA	DAILY LIQUIDITY	1.00%	NA	0.76%
MONEY MARKET MUTUAL FUNDS (MMF)	60 DAYS ⁽¹⁾	20%	AAA/Aaa ⁽²⁾	DAILY LIQUIDITY	20%	AAA by 2 Of 3 RATINGS	2.48%
LOCAL AGENCY INVESTMENT FUND (LAIF)	NA	NA	NA	DAILY LIQUIDITY	Max \$50 million	NA	0.00%
CASH/DEPOSIT ACCOUNT	NA	NA	NA	NA	NA	NA	0.01%

¹ Money Market Mutual Funds maturity may be interpreted as a weighted average maturity not exceeding 60 days.

² Or must have an investment advisor with no fewer than 5 years experience and with assets under management of \$500,000,000 USD.

THIS COMPLETES THE REPORT REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE 53646.



The Mission Inn, Downtown Riverside. Digital Image. *The Mission Inn*. <http://www.missioninn.com/about-en.html>.



COUNTY OF RIVERSIDE
TREASURER-TAX COLLECTOR
CAPITAL MARKETS

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