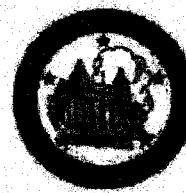


SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM
2.20
(ID # 8484)

MEETING DATE:
Tuesday, December 4, 2018

FROM : TREASURER-TAX COLLECTOR:

SUBJECT: TREASURER-TAX COLLECTOR: Receive and File the Treasurer's Monthly Disclosure Report on Investments dated October 2018.

RECOMMENDED MOTION: That the Board of Supervisors:

1. Receives and files the Treasurer's "Monthly Disclosure Report on Investments" dated October 2018.

ACTION: Consent

Jen Christensen, Treasurer-Tax Collector 11/20/2018

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Ashley and duly carried by unanimous vote, IT WAS ORDERED that the above matter is received and filed as recommended.

Ayes: Jeffries, Tavaglione, Washington, Perez and Ashley
Nays: None
Absent: None
Date: December 4, 2018
xc: Treasurer

Kecia Harper-Ihem
Clerk of the Board
By:
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 0	\$ 0	\$ 0	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: N/A				Budget Adjustment: No
				For Fiscal Year: 2018/19

C.E.O. RECOMMENDATION: Approve

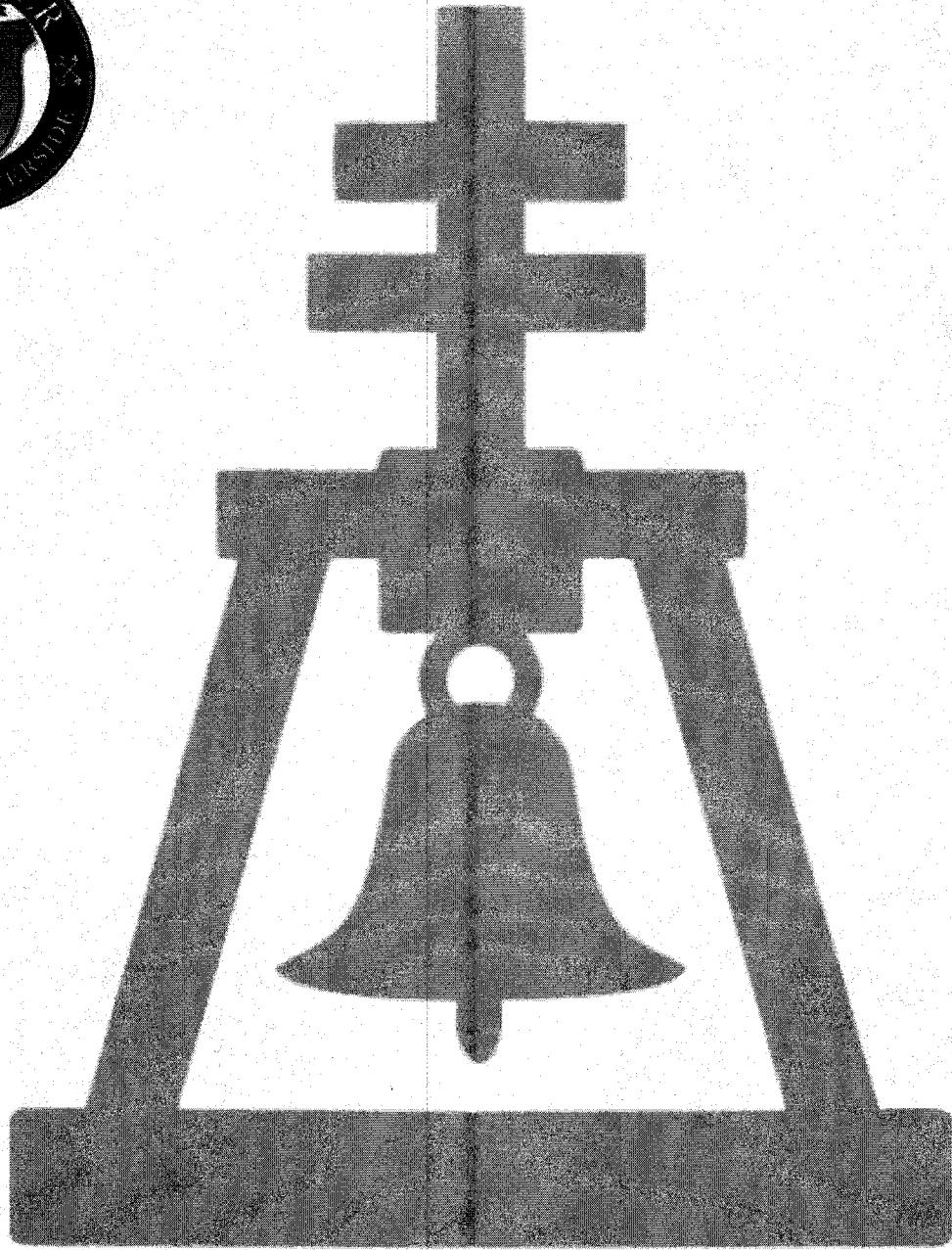
BACKGROUND:

Summary

The County Treasurer and Tax Collector is submitting the above noted report to the County Board of Supervisors in keeping with Section 53607 of the California Government Code, which requires a quarterly report on the status of investments. The practice has been to provide the Board with a monthly report. The report gives the various statistics on the portfolio as to overall composition, liquidity structure, credit quality on the various securities, and provides several trends on earning performance, average weighted maturity, and the portfolio's "paper loss or gain".



Stephanie Pease, Principal Management Analyst
11/26/2018



County of Riverside

Treasurer's Pooled Investment Fund

October 2018

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Hot air balloons over Lake Skinner in Temecula, Southwest Riverside County, CA. Digital Image, NBC San Diego, <http://www.nbcandsaniego.com/news/local/temecula-valley-2014-balloon-wine-festival-north-san-diego-261142951.html>

Treasurer's Pooled Investment Fund

Monthly Commentary

Tumbling Down the Wall of Worry

October was blurred by uncertainty and volatility as investors worried about the next U.S.-China trade meeting, domestic elections, the debt ceiling, and geopolitical turmoil. However, despite negative headline news, U.S. economic growth remained resilient.

The administration reached a trade deal with both Mexico and Canada in revising the North American Free Trade Agreement (NAFTA), which is the new United States-Mexico-Canada Agreement (USMCA).

The economic impact of trade disputes was sighted by the Internal Monetary Fund (IMF) when they downgraded its global growth forecast. Emerging markets (EM) also continue to be challenged. EM currency depreciations against the U.S. dollar have been mitigated, but year-to-date their valuation remains to the downside and, in particular, Argentina and Turkey have been experiencing the highest inflation rates amongst their peers.

Economic data received in Octo-

ber indicates U.S. economic growth remains strong, while the housing sector continues to show early signs of weakness.

Real GDP growth of 3.5% in 3Q18 (first estimate), stable inflation, solid consumer spending, and an unemployment rate of 3.7% all point toward a robust U.S. economy. The last time the unemployment rate was so low was in 1969, when the median home price in California was just \$24,230.

Several housing market indicators have sustained declines in growth for the greater part of 2018, including housing starts, housing permits, and new and existing home sales. Likely culprits for the cooling in the U.S. housing market are rising interest rates, scarce housing supply, and increases in housing prices that have outpaced wage growth since 2012.

Locally, trends in job sector growth outpace national levels while housing sector growth mimics them. Nonfarm jobs in the Riverside-San Bernardino

metropolitan area increased 3.3% annually (YoY), compared to 1.6% nationally. Meanwhile, home sales in Riverside County declined nearly 10% YoY and unsold inventory remained on the market for an average of 4.6 months, up 23.6% YoY.

While geopolitical and trade fears took their toll on stocks in October, intermediate term Treasuries barely budged. Historically, in most stock market correction periods, Treasury yields decline as investors move their money from stocks into Treasury bills and notes in what is known as the "flight to quality trade". This time though, the 2-year yield rose from 2.82 on October 1 to 2.87 on October 31. The 5-year yield rose from 2.96 on October 1 to 2.98 on October 31. Markets expect the Fed to raise the funds target rate in December to 2.50% from 2.25%.

Jon Christensen
Treasurer-Tax Collector

Capital Markets Team

Jon Christensen
Treasurer-Tax Collector

Giovane Pizano
Chief Investment Manager

Steve Faeth
Sr. Investment Manager

Isela Licea
Assistant Investment Manager

Jake Nieto
Administrative Services Assistant

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 Government Code 53646.

6-Month Pool Performance

	Month End Market Value (\$)*	Month End Book Value (\$)	Paper Gain or Loss (\$)	Paper Gain or Loss (%)	Book Yield (%)	WAM (Yrs)
18-Oct	5,810,376,897.47	5,848,454,272.67	(38,077,575.20)	-0.66%	2.09	1.15
18-Sep	6,010,617,673.04	6,046,972,952.10	(36,355,279.06)	-0.60%	2.01	1.16
18-Aug	5,911,098,915.70	5,941,969,016.43	(30,870,100.73)	-0.52%	1.96	1.20
18-Jul	5,978,974,759.31	6,015,426,250.42	(36,451,491.11)	-0.61%	1.92	1.24
18-Jun	6,488,967,672.40	6,525,613,476.09	(36,645,803.69)	-0.56%	1.88	1.17
18-May	7,108,808,189.85	7,140,053,875.23	(31,245,685.38)	-0.44%	1.82	1.11

*Market values do not include accrued interest.

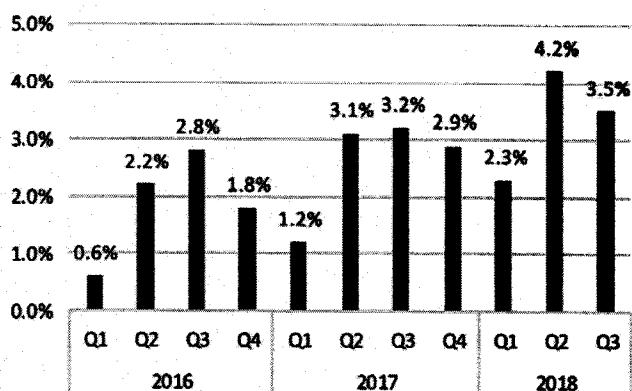
Economy

National Economy

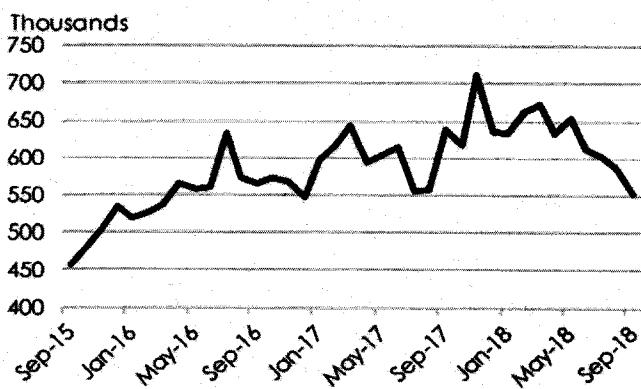
U.S. economy ranked world's most competitive for first time in ten years. [CNBC; 10/31/2018]

- U.S. posts best back-to-back quarters in four years with 3.5% GDP growth in 3Q18, 4.2% in 2Q18. [WAPo; 10/31/2018]
- Home ownership rate increases 0.5pp in 3Q18, bucking negative trends in the housing sector. [Market Watch; 10/31/2018]
- U.S. Treasury Department announced government borrowing this year will more than likely double from 2017, pushing the deficit for 2018 to \$1.34 trillion. [Bloomberg; 10/31/2018]

Real GDP - Q/Q SAAR



U.S. New One Family Home Sales - M/M SAAR



Key Economic Indicators

Release Date	Indicator	Actual	Consensus	Difference
10/26/2018	Real GDP - Q/Q Change - SAAR - 3Q18 (1st estimate)	3.50%	3.30%	0.20%
10/05/2018	Unemployment Rate - Seasonally Adjusted	3.70%	3.80%	-0.10%
10/05/2018	Non-Farm Payrolls - M/M Change	134,000	180,000	-46,000
10/11/2018	CPI - Y/Y Change	2.30%	2.40%	-0.10%
10/11/2018	CPI Ex Food and Energy - Y/Y Change	2.20%	2.30%	-0.10%
10/03/2018	Non-Manufacturing Index (> 50 indicates growth)	61.6	58.0	3.60
10/24/2015	New Home Sales - SAAR	553,000	625,000	-72,000
10/04/2018	Factory Orders - M/M Change	2.30%	2.10%	0.20%
10/25/2018	Durable Goods Orders - M/M Change	0.80%	-1.50%	2.30%

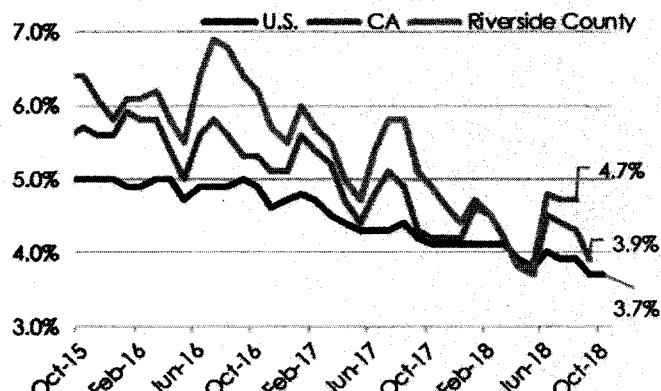
State Economy

CA's unemployment rate falls to record-low 4.1% in September. [CA EDD; 11/01/2018].

- Nonfarm jobs grew 2.0% YoY* in CA in September, led by 4.0% YoY growth in construction jobs, lagged by modest declines in the manufacturing sector. [CA EDD; 11/01/2018]
- Homes in CA took longer to sell in September. Statewide, the median sell time rose from 20 days to 23 days, up 15% YoY. In Riverside County, the median sell time rose from 26 days to 34 days, up 31% YoY. [CAR; 11/01/2018]

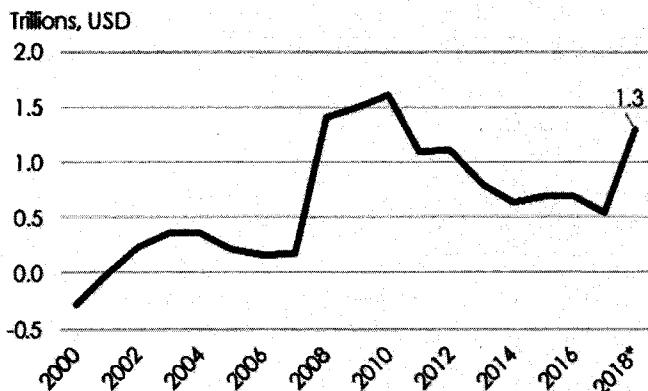
*Note: YoY = Annually; year-on-year; year over year.

U3 Unemployment Rate



*Note: National data is seasonally adjusted.

U.S. Federal Borrowing Needs



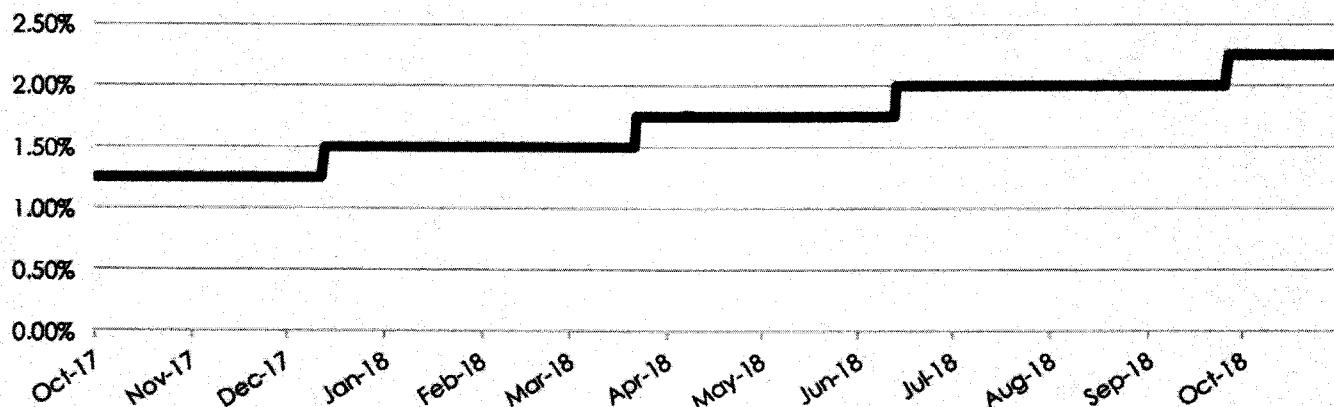
*Note: Q4 data for 2018 is estimated.

Market Data

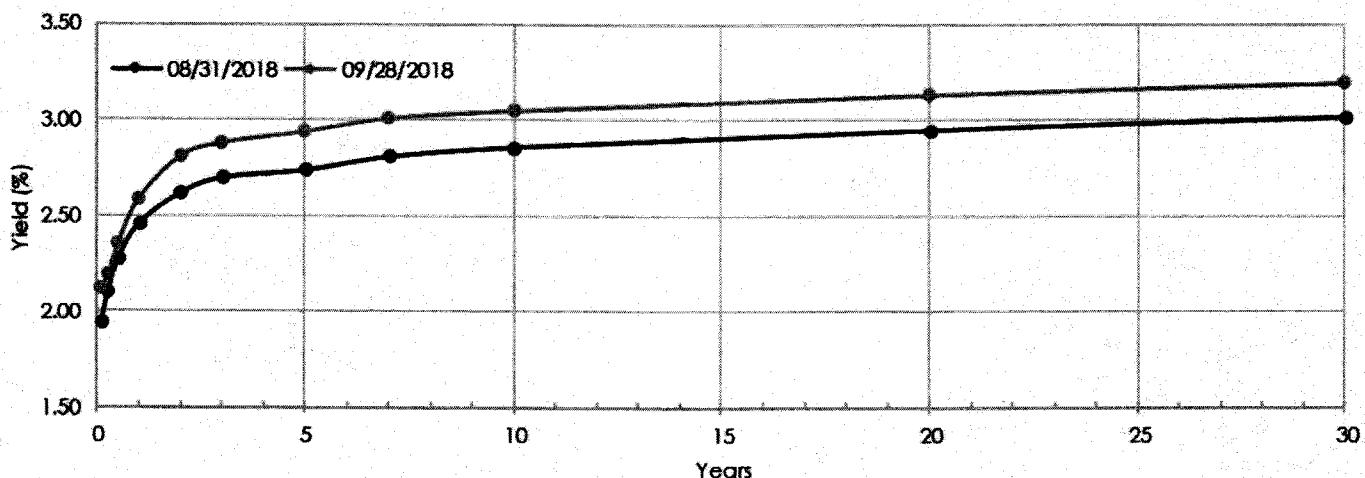
FOMC Meeting 09/26/2018

- The FOMC stated data received from their last meeting in August "indicates that the labor market has continued to strengthen and that economic activity has been rising at a strong rate."
- The Federal Reserve raised the Fed Funds Target Rate to 2.00—2.25% from 1.75—2.00%.
- "Risks to the economic outlook appear roughly balanced", stated the FOMC in their August 1, 2018 press release.
- The next FOMC policy statement meeting is scheduled for November 8, 2018.

Fed Funds Target Rate (Upper Limit)



U.S. Treasury Curve

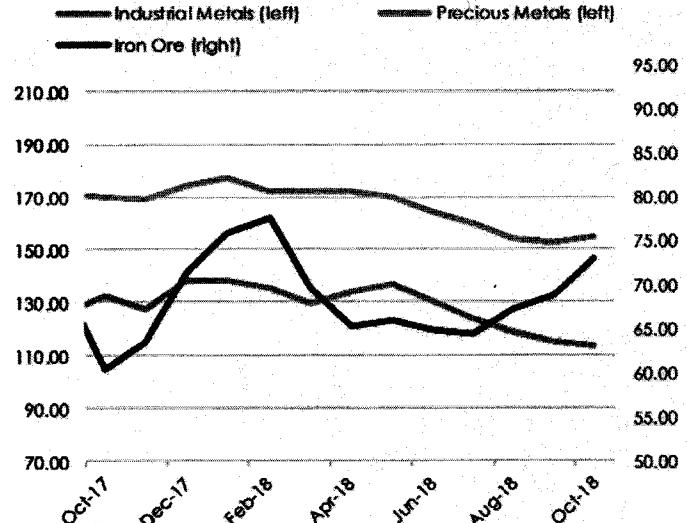
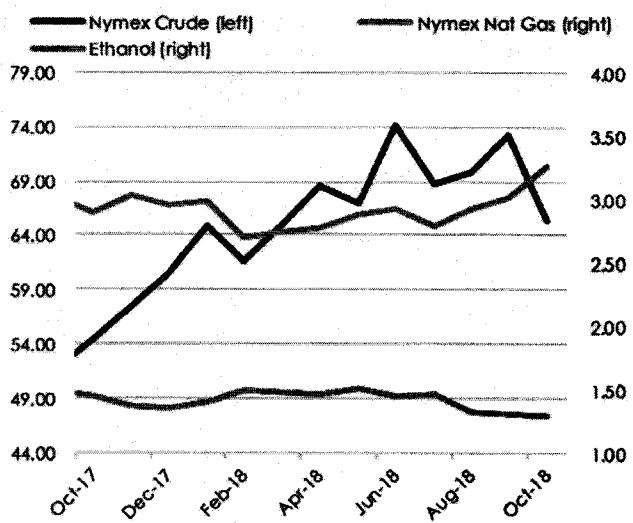


Treasury Curve Differentials	3 Mo	6 Mo	1 Yr	2 Yr	3 Yr	5 Yr	10 Yr	30 Yr
10/31/2018 - 09/28/2018	0.15	0.13	0.10	0.06	0.05	0.04	0.10	0.20
10/31/2018	2.34	2.49	2.69	2.87	2.93	2.98	3.15	3.39
09/28/2018	2.19	2.36	2.59	2.81	2.88	2.94	3.05	3.19

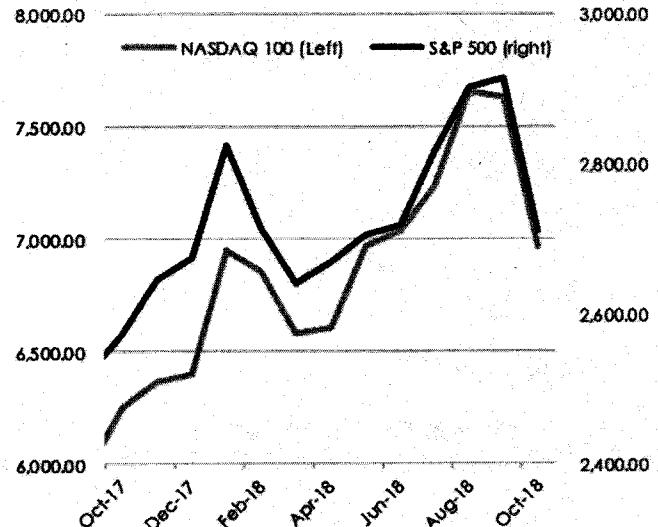
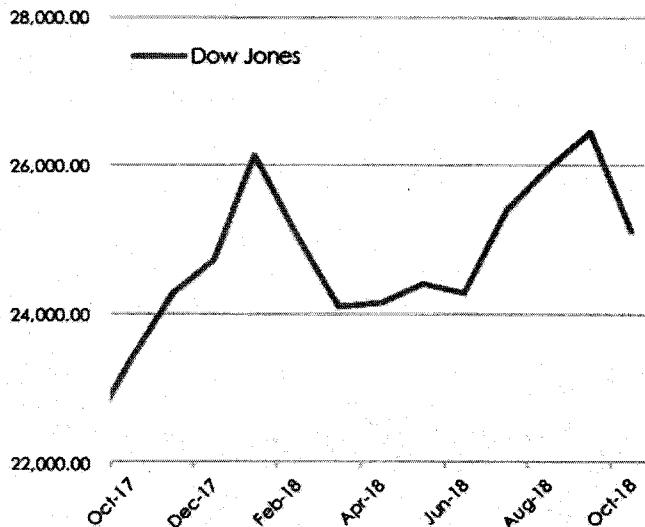
The US Treasury Curve and its forecasted values are subject to frequent change and will be updated monthly with each issued TPIF report.

Market Data cont'd

Commodities



Stocks



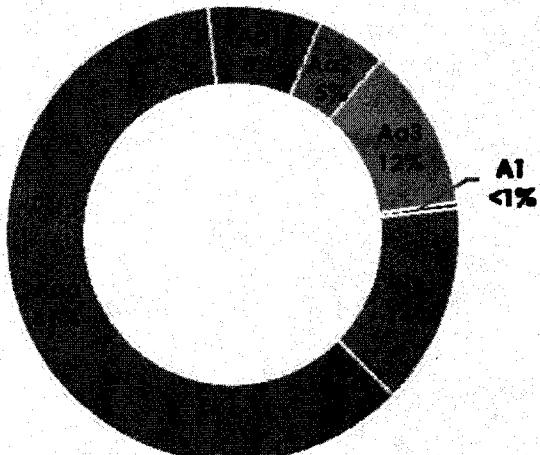
* Values listed on this page are in US dollars and are based on the final business day of each month.

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.

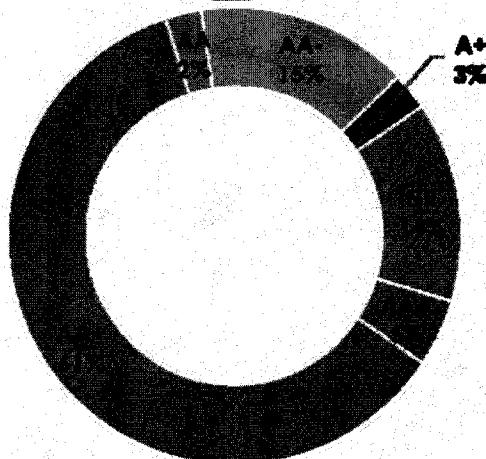
Moody's Asset Rating (000's)

	Book	MKT/Book	% Book	Yield
Aaa	3,554,267.46	98.85%	60.77%	1.93%
Aa1	469,595.02	100.12%	8.03%	2.43%
Aa2	291,512.05	100.35%	4.98%	2.46%
Aa3	672,915.24	100.25%	11.51%	2.33%
A1	25,000.00	100.00%	0.43%	2.51%
NR	835,164.50	99.94%	14.28%	2.25%
Totals:	5,848,454.27	99.35%	100.00%	2.09%



S&P Asset Rating (000's)

	Book	MKT/Book	% Book	Yield
AAA	276,848.69	99.98%	4.73%	2.30%
AA+	3,545,693.46	98.90%	60.63%	1.92%
AA	151,658.21	100.50%	2.59%	2.41%
AA-	884,089.42	100.10%	15.12%	2.38%
A+	155,000.00	100.00%	2.65%	2.63%
NR	835,164.50	99.94%	14.28%	2.25%
Totals:	5,848,454.27	99.35%	100.00%	2.09%



12-Month Projected Cash Flow

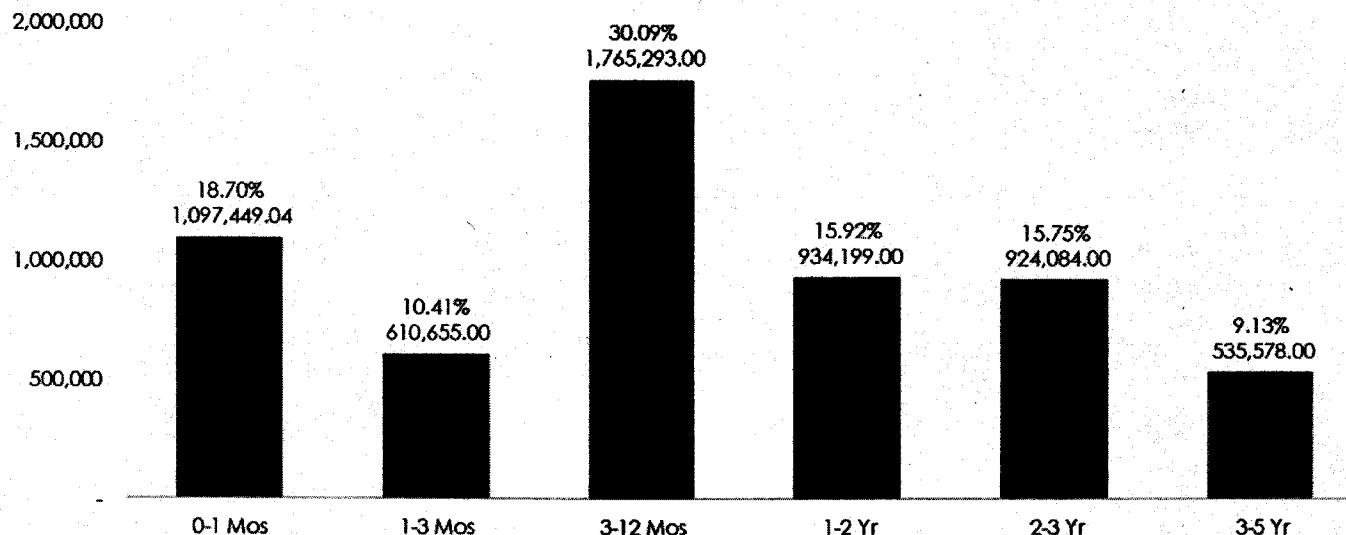
Month	Monthly Receipts	Monthly Disbursements	Difference	Required Matured Investments	Balance	Actual Investments	Available to Maturing	Invest > 1 Year
11/2018					100.19			
11/2018	1,125.00	1,100.00	25.00		125.19	1,122.45		
12/2018	2,350.00	1,100.00	1,250.00		1,375.19	-		
01/2019	1,000.00	2,100.00	(1,100.00)		275.19	703.66		
02/2019	850.00	1,050.00	(200.00)		75.19	355.34		
03/2019	1,350.00	1,200.00	150.00		225.19	233.31		
04/2019	2,000.00	1,300.00	700.00		925.19	16.10		
05/2019*	1,200.00	2,050.00	(850.00)		75.19	244.46		
06/2019	1,050.00	1,850.00	(800.00)	724.81	-	224.09		
07/2019	969.28	1,250.00	(280.72)	280.72	-	166.58		
08/2019	900.00	1,200.00	(300.00)	300.00	-	166.24		
09/2019	1,100.00	1,200.00	(100.00)	100.00	-	88.93		
10/2019	1,100.00	1,300.00	(200.00)	200.00	-	152.25		
11/2018	14,254.43	16,700.00	(1,445.57)	1,063.83	3,176.52	3,473.45	4,193.92	5,212.6

* 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)

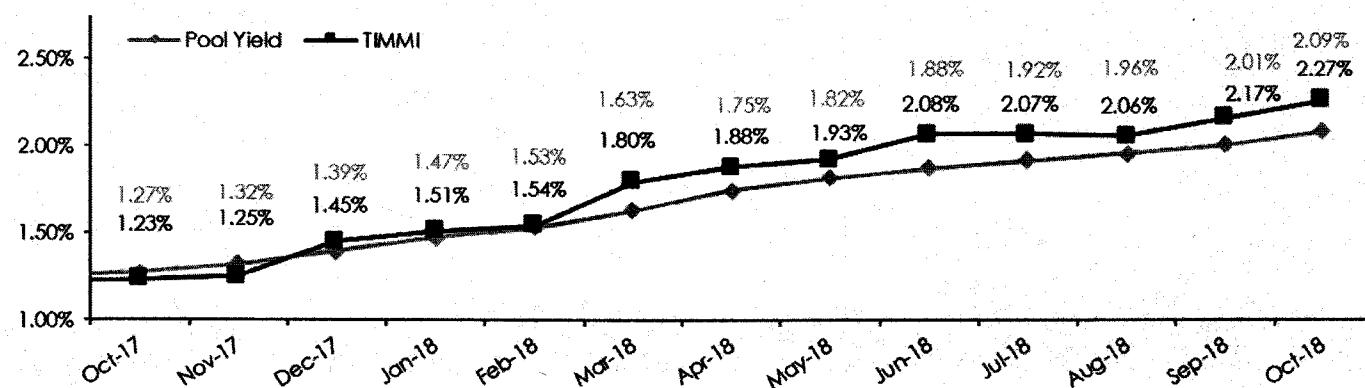


Asset Allocation (000's)

Assets	Scheduled Book	Scheduled Market	Mkt/ Sch Book	Yield	WAL (Yr.)	Mat (Yr.)
TREAS	193,946.74	193,813.75	99.93%	1.92%	0.44	0.44
AGENCIES	2,962,167.53	2,919,446.72	98.56%	1.85%	1.88	1.95
MMKT	88,994.51	88,994.51	100.00%	2.19%	0.00	0.00
CASH	625,000.00	625,000.00	100.00%	2.28%	0.00	0.00
CALTRUST FND	24,000.00	24,000.00	100.00%	2.27%	0.00	0.00
COMM PAPER	757,959.99	762,942.20	100.66%	2.42%	0.26	0.26
NCDS	730,000.00	730,000.00	100.00%	2.49%	0.32	0.32
MEDIUM TERM NOTES	247,196.56	246,990.58	99.92%	2.51%	1.14	1.15
MUNI	219,028.95	219,028.95	100.00%	1.86%	1.29	1.29
LOCAL AGCY OBLIG	160.00	160.00	100.00%	2.51%	1.63	1.63
Totals:	5,848,454.27	5,810,376.70	99.35%	2.09%	1.14	1.18

* For details on the Pool's composition see Month End Portfolio Holdings, pages 9 to 13.

TIMMI



The Treasurer's Institutional Money Market Index (TIMMI) is a composite index of four AAA rated prime institutional money market funds. Their aggregate 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 Maturity	Authorized % Limit	S&P/Moody's	Maximum Maturity	Authorized % Limit	S&P/Moody's	
MUNICIPAL BONDS	5 YEARS	NO LIMIT	NA	4 YEARS	15%	AA-/Aa3/AA-	3.75%
U.S. TREASURIES	5 YEARS	NO LIMIT	NA	5 YEARS	100%	NA	3.32%
LOCAL AGENCY OBLIGATIONS (LAO)	5 YEARS	NO LIMIT	NA	3 YEARS	2.50%	INVESTMENT GRADE	<1%
FEDERAL AGENCIES COMMERCIAL PAPER (CP)	5 YEARS	NO LIMIT	AAA	5 YEARS	100%	NA	50.65%
CERTIFICATE & TIME DEPOSITS (NCD & TCD)	270 DAYS	40%	A1/P1	270 DAYS	40%	A1/P1/F1	12.96%
REFPURCHASE AGREEMENTS (REPO)	5 YEARS	30%	NA	1 YEAR	25% Combined	A1/P1/F1	12.48%
REVERSE REPOS	1 YEARS	NO LIMIT	NA	45 DAYS	40% max, 25% in term repo over 7-days	A1/P1/F1	0.00%
MEDIUM TERM NOTES (MTNO)	92 DAYS	20%	NA	60 DAYS	10%	NA	0.00%
CALTRUST SHORT TERM FUND	5 YEARS	30%	A	3 YEARS	20%	AA/Aa2/AA	4.23%
MONEY MARKET MUTUAL FUNDS (MMF)	NA	NA	NA	DAILY LIQUIDITY	1.00%	NA	0.41%
LOCAL AGENCY INVESTMENT FUND (LAIF)	60 DAYS ¹	20%	AAA/Aaa ²	DAILY LIQUIDITY	20%	AAA by 2 Of 3 RATINGS AGC.	1.52%
CASH/DEPOSIT ACCOUNT	NA	NA	NA	DAILY LIQUIDITY	Max \$50 million	NA	0.00%
	NA	NA	NA	NA	NA	NA	10.69%

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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WWW.COUNTYTREASURER.ORG