CalPERS Trust Level Review Affiliate Investment Program Summary: Judges Retirement Fund (JRF)

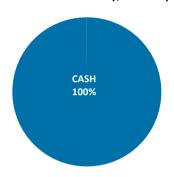


June 30, 2017

JRF Objective

The JRF provides retirement benefits to judges elected prior to November 9, 1994. The State currently funds the system on a pay-as-you-go basis. The JRF is closed to new membership and is currently 100% invested in STIF.

Current Allocation (\$millions)



Strategic Asset Allocation

JRF	Current Allocation %	Target Allocation %	Variance %	Α	Current llocation Millions)		Target Allocation (Millions)	Dollar Variance (Millions)		
CASH	100.0%	100.0%	0.0%	\$	\$ 44.3		\$ 44.3		(0.0)	
JRF	100.0%	100.0%	0.0%	\$ 44.3		\$ 44.3		\$	(0.0)	

Performance Summary

			1 YEAR		3 YEAR				5 YEAR		10 - YEAR			
As of	06/30/17	Net Returns	Benchmark Return	Excess Bps										
CASH		0.74	0.49	25	0.40	0.23	16	0.25	0.17	8	0.73	0.58	16	
TOTAL F	FUND	0.74	0.49	25	0.40	0.23	16	0.25	0.17	8	0.73	0.58	16	

Risk Summary

CalPERS Trust Level Review Affiliate Investment Program Summary: Judges Retirement System II Fund (JRS II)



June 30, 2017

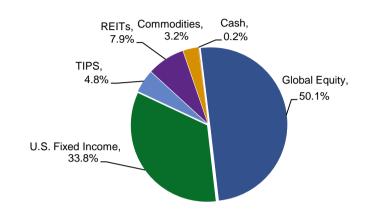
STRATEGIC ASSET ALLOCATION

JRS II Objective

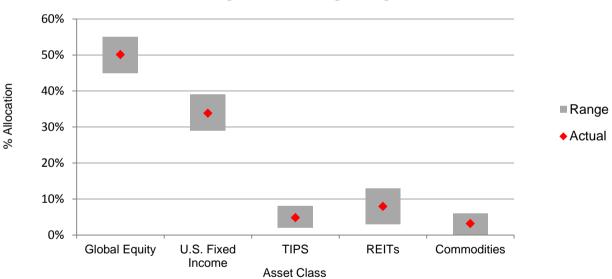
The JRS II was established to provide retirement, death, health and disability benefits for State Supreme and Appellate Court justices, Superior Court judges, and Municipal Court judges appointed or elected on or after November 9, 1994. Funds are allocated across five asset classes, with global equities comprising the predominant share of invested assets.

The Fund is actively managed by CalPERS staff.

Actual Capital Allocation

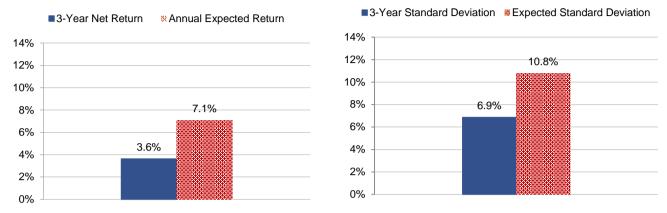


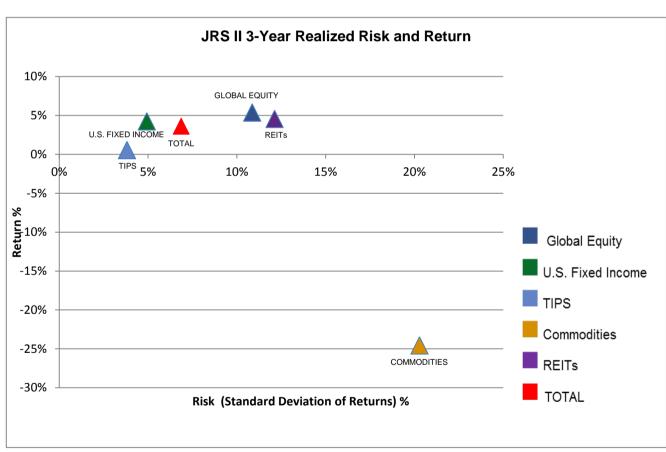
Strategic AllocationTarget Ranges



Asset Class	Current Allocation (%)	Target Allocation (%)	Variance (%)	Current Allocation (millions)		Target Allocation (millions)	C	Oollar Variance (millions)
Global Equity	50.1%	50.0%	0.1%	\$ 672.0	\$	670.6	\$	1.4
U.S. Fixed Income	33.8%	34.0%	-0.2%	\$ 453.5	\$	456.0	\$	(2.5)
TIPS	4.8%	5.0%	-0.2%	\$ 64.8	\$	67.1	\$	(2.3)
REITs	7.9%	8.0%	-0.1%	\$ 106.4	\$	107.3	\$	(0.9)
Commodities	3.2%	3.0%	0.2%	\$ 42.4	\$	40.2	\$	2.2
Cash	0.2%	0%	0.2%	\$ 2.1	\$	-	\$	2.1
Total	100.0%	100.0%	0.0%	\$ 1,341.2	\$	1,341.2	\$	0.0

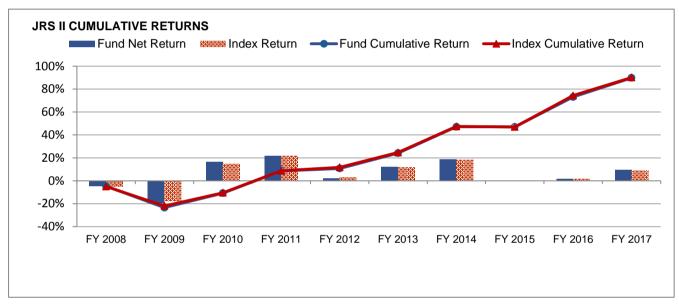
Per the current CalPERS Judges' Retirement System II Fund Statement of Investment Policy.

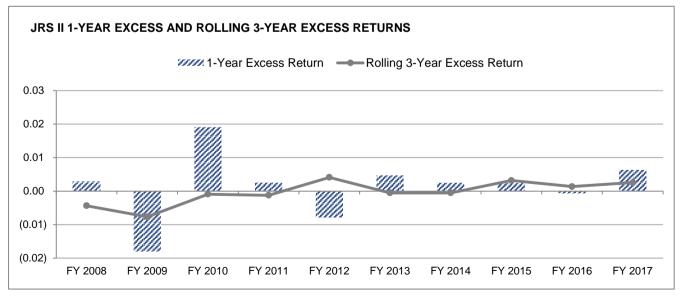




JRS II PERFORMANCE SUMMARY

		1 YEAR			3 YEAR			5 YEAR			10 - YEAR	
As of 06/30/2017	Net Returns	Benchmark Return	Excess Bps									
GLOBAL EQUITY	20.04	19.83	22	5.37	5.25	12	11.52	11.38	14	4.19	4.13	6
US FIXED INCOME	0.31	(0.87)	118	4.24	3.53	72	3.89	2.89	100	6.68	6.08	61
TIPS	(0.63)	(0.63)	(1)	0.55	0.63	(8)	0.21	0.27	(6)	-	-	-
REITs	1.22	1.14	8	4.56	4.56	(0)	8.38	8.36	2	2.38	2.08	30
COMMODITIES	(8.80)	(9.01)	21	(24.56)	(24.82)	26	(13.83)	(13.70)	(13)	-	-	-
TOTAL FUND	9.64	9.02	62	3.65	3.39	25	8.15	7.85	30	5.06	5.01	6





CalPERS Trust Level Review Affiliate Investment Program Summary: Legislators' Retirement System Fund (LRS)



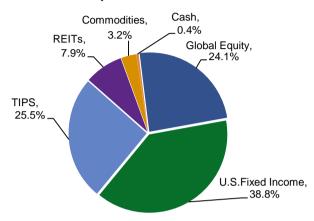
June 30, 2017

STRATEGIC ASSET ALLOCATION

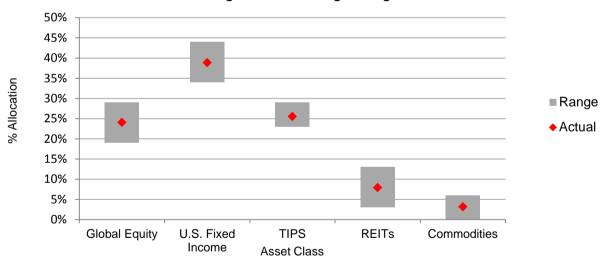
LRS Fund Objective

The Legislators' Retirement System Fund is a supplemental income plan that was available to members of the California Legislature serving prior to November 7, 1990; all elected constitutional officers; and legislative statutory officers. Funds are allocated across five asset classes under a fairly balanced investment strategy.

Actual Capital Allocation

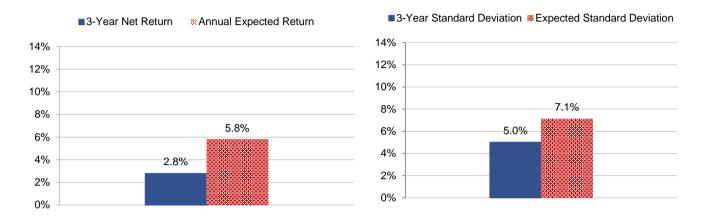


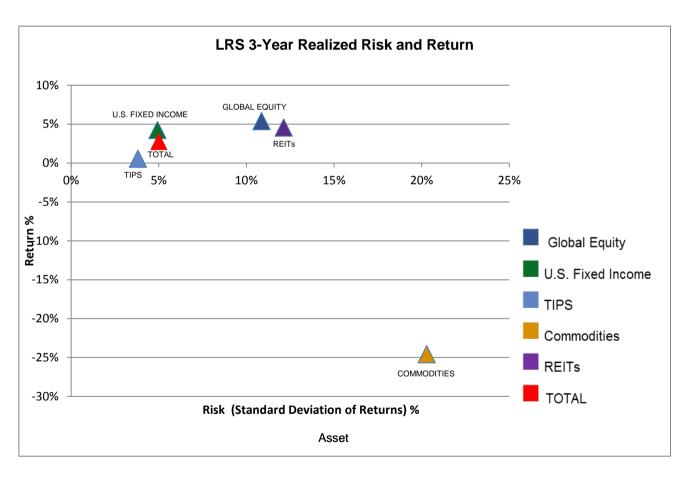
Strategic AllocationTarget Ranges



Asset Class	Current Allocation (%)	Target Allocation (%)	Variance (%)	Δ	Current Allocation (millions)	Target Allocation (millions)	Vai	ollar riance Ilions)
Global Equity	24.1%	24.0%	0.1%	\$	28.1	\$ 28.0	\$	0.1
U.S. Fixed Income	38.8%	39.0%	-0.2%	\$	45.3	\$ 45.5	\$	(0.2)
TIPS	25.5%	26.0%	-0.5%	\$	29.8	\$ 30.3	\$	(0.5)
REITs	7.9%	8.0%	-0.1%	\$	9.3	\$ 9.3	\$	(0.1)
Commodities	3.2%	3.0%	0.2%	\$	3.7	\$ 3.5	\$	0.2
Cash	0.4%	0%	0.4%	\$	0.5	\$ -	\$	0.5
Total	100.0%	100.0%	0.0%	\$	116.6	\$ 116.6	\$	(0.0)

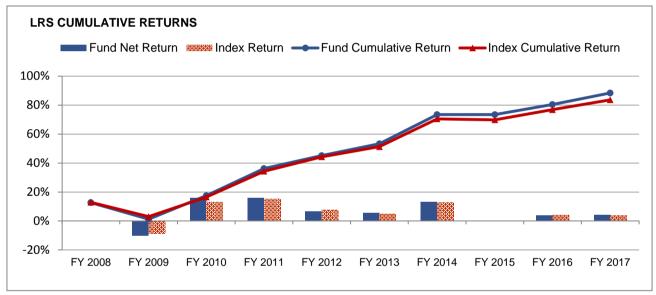
Per the current CalPERS Legislators' Retirement System Fund Statement of Investment Policy.

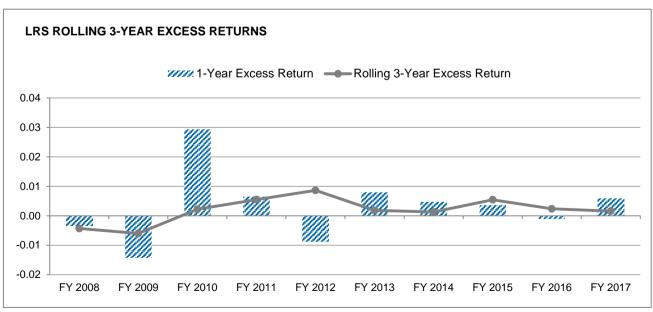




LRS PERFORMANCE SUMMARY

		1 YEAR			3 YEAR			5 YEAR			10 - YEAR	
As of 06/30/2017	Net Returns	Benchmark Return	Excess Bps									
GLOBAL EQUITY	20.04	19.83	21	5.38	5.25	13	11.53	11.38	15	4.34	4.27	6
US FIXED INCOME	0.30	(0.87)	117	4.25	3.53	73	3.90	2.89	101	6.68	6.08	60
TIPS	(0.62)	(0.63)	0	0.56	0.63	(7)	0.21	0.27	(5)	4.33	4.27	6
REITs	1.24	1.14	10	4.57	4.56	0	8.39	8.36	3	-	-	-
COMMODITIES	(8.80)	(9.01)	21	(24.57)	(24.82)	25	(13.83)	(13.70)	(14)	-	-	-
TOTAL FUND	4.40	3.82	58	2.78	2.50	28	5.36	4.93	42	5.28	5.02	25





CalPERS Trust Level Review Affiliate Investment Program Summary: Health Care Fund (HCF)

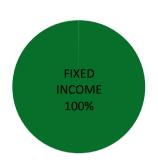


June 30, 2017

HCF Objective

The HCF provides a vehicle for administering the CalPERS self-insured health care programs. Investments of the HCF are a non-operational use of reserves until needed for claims. A portion of the reserves is held at the State Treasurer's Office and the remainder is 100% invested in a U.S. fixed income fund.

Current Allocation (\$millions)



Strategic Asset Allocation

	Current	Target		Current		Ţ	arget	Do	ollar
	Allocation	Allocation	Variance	Allocation		All	ocation	Var	iance
HCF	%	%	%	(Millions)		(Millions)		(Mill	ions)
FIXED INCOME	100.0%	100.0%	0.0%	\$	\$ 444.7		444.7	\$	-
HCF	100.0%	100.0%	0.0%	\$	444.7	\$	444.7	\$	

Performance Summary

		1 YEAR			3 YEAR			5 YEAR		10 - YEAR			
As of 06/30/17	Net Returns	Benchmark Return	Excess Bps										
FIXED INCOME	(0.28)	(0.31)	4	2.72	2.48	24	2.76	2.21	55	4.70	4.48	23	
TOTAL FUND	(0.28)	(0.31)	4	2.72	2.48	24	2.76	2.21	55	4.70	4.48	23	

Risk Summary

Historical 3 Year Standard Deviation	2.9%
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CalPERS Trust Level Review Affiliate Investment Program Summary: Long-Term Care Fund (LTCF)



June 30, 2017

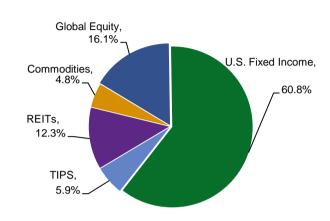
STRATEGIC ASSET ALLOCATION

LTCF Objective

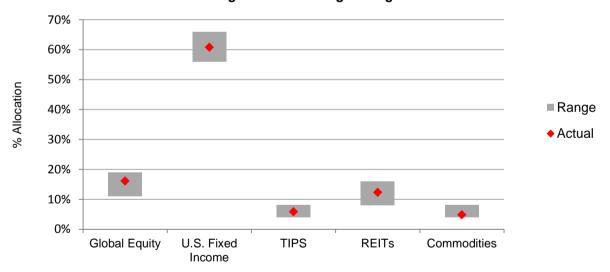
CalPERS offers optional long-term care benefits to members, funded entirely by enrollee premiums. The Long-Term Care Program was established to administer and finance the program. Funds are allocated across five asset classes, predominantly in fixed income.

The Fund is passively managed by State Street Global Advisors.

Actual Capital Allocation



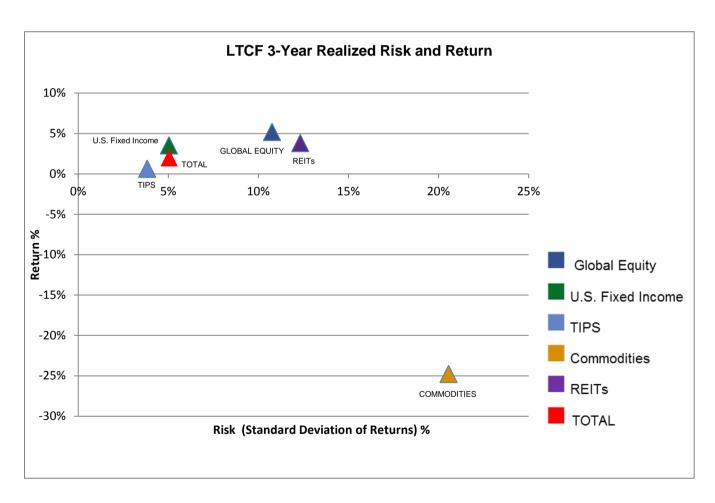
Strategic AllocationTarget Ranges



Asset Class	Current Allocation (%)	Target Allocation (%)	Variance (%)	Current Allocation (millions)			Target Allocation (millions)	Va	ollar riance illions)
Global Equity	16.1%	15.0%	1.1%	\$	706.1	\$	656.3	\$	49.8
U.S. Fixed Income	60.8%	61.0%	-0.2%	\$	2,661.2	\$	2,669.1	\$	(7.9)
TIPS	5.9%	6.0%	-0.1%	\$	257.1	\$	262.5	\$	(5.4)
REITs	12.3%	12.0%	0.3%	\$	540.3	\$	525.1	\$	15.2
Commodities	4.8%	6.0%	-1.2%	\$	210.9	\$	262.5	\$	(51.7)
Cash	0.0%	0%	0.0%	\$	0.0	\$	-	\$	0.0
Total	100.0%	100.0%	0.0%	\$	4,375.6	\$	4,375.6	\$	(0.0)

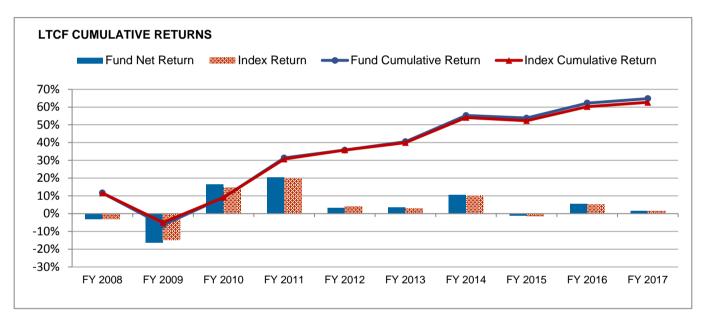
Per the current CalPERS Long-Term Care Fund Statement of Investment Policy.

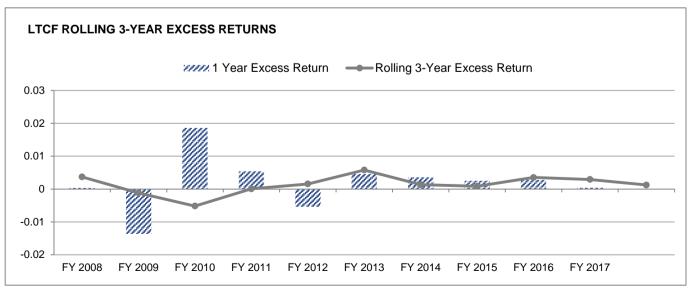




LTCF PERFORMANCE SUMMARY

		1 YEAR			3 YEAR			5 YEAR		10 - YEAR			
As of 06/30/2017	Net Returns	Benchmark Return	Excess Bps										
GLOBAL EQUITY	19.36	19.01	35	5.18	4.87	31	11.00	10.78	22	4.22	4.11	12	
US FIXED INCOME	(0.84)	(0.87)	3	3.53	3.53	1	3.08	2.89	19	6.27	6.08	20	
TIPS	(0.63)	(0.63)	(0)	0.63	0.63	0	0.24	0.27	(3)	4.34	4.27	7	
REITs	(0.12)	(0.85)	74	3.82	3.07	75	7.60	6.98	63	1.80	1.43	37	
COMMODITIES	(9.22)	(9.01)	(22)	(24.77)	(24.82)	5	(13.59)	(13.70)	10	-	-	-	
TOTAL FUND	1.56	1.51	4	2.00	1.81	19	3.94	3.67	27	3.64	3.51	13	





CalPERS Trust Level Review Affiliate Investment Program Summary: CERBT Strategy 1



June 30, 2017

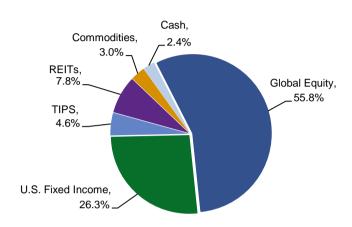
STRATEGIC ASSET ALLOCATION

CERBT Strategy 1 Objective

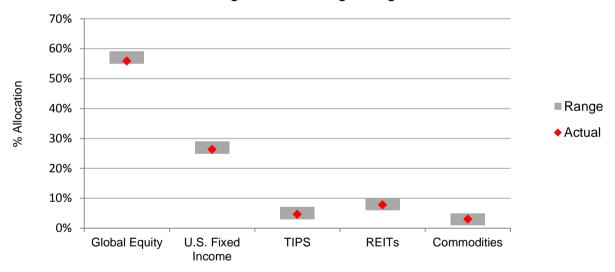
The California Employer Retirees' Benefit Trust (CERBT) was established in March 2007 for public employers to pre-fund their retiree health and other post-employment benefit obligations. Employers may choose among three different CERBT investment strategies. Compared with Strategies 2 and 3, this portfolio consists of a higher percentage of equities than bonds and other assets.

Fixed income, TIPS and commodities asset classes are managed by CalPERS staff. Global equity and REITs are managed by State Street Global Advisors.

Actual Capital Allocation

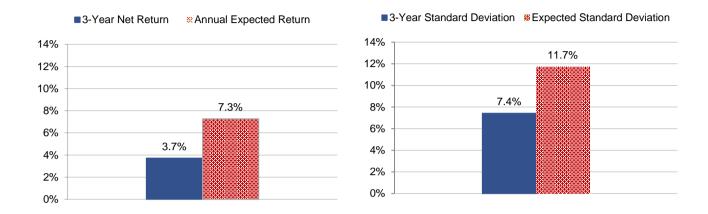


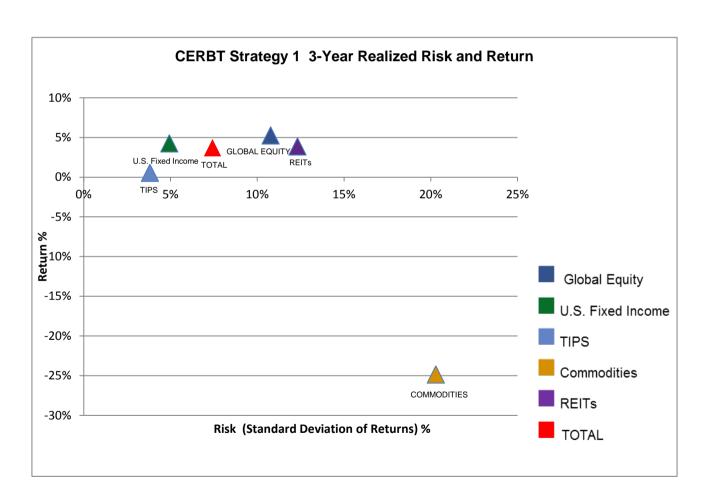
Strategic AllocationTarget Ranges



Asset Class	Current Allocation (%)	Target Allocation (%)	Variance (%)	Current Allocation (millions)	Target Allocation (millions)	Dollar Variance (millions)
Global Equity	55.8%	57.0%	-1.2%	\$ 3,158.4	\$ 3,223.5	\$ (65.1)
U.S. Fixed Income	26.3%	27.0%	-0.7%	\$ 1,487.6	\$ 1,526.9	\$ (39.4)
TIPS	4.6%	5.0%	-0.4%	\$ 262.8	\$ 282.8	\$ (20.0)
REITs	7.8%	8.0%	-0.2%	\$ 439.9	\$ 452.4	\$ (12.5)
Commodities	3.0%	3.0%	0.0%	\$ 169.9	\$ 169.7	\$ 0.3
Cash	2.4%	0.0%	2.4%	\$ 136.7	\$ -	\$ 136.7
Total	100.0%	100.0%	0.0%	\$ 5,655.3	\$ 5,655.3	\$ 0.0

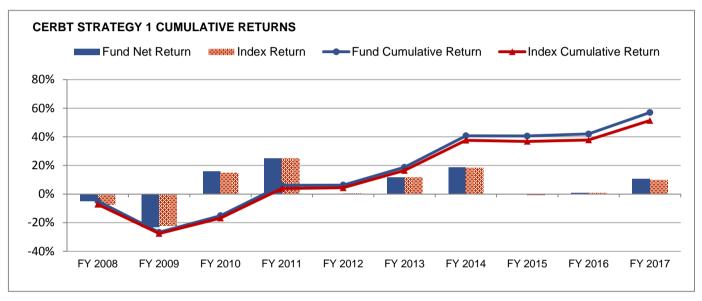
Per the current CERBT Fund Statement of Investment Policy.

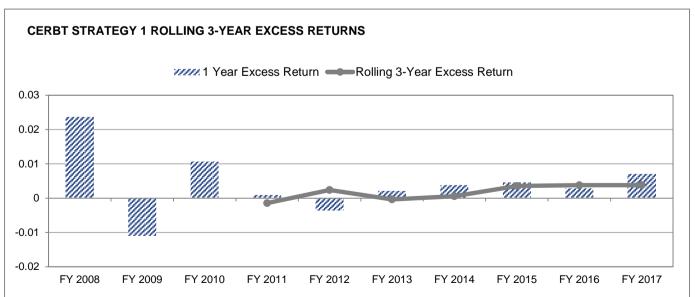




CERBT STRATEGY 1 PERFORMANCE SUMMARY

		1 YEAR			3 YEAR			5 YEAR			10 - YEAR			
As of 06/30/2017	Net Returns	Benchmark Return	Excess Bps											
GLOBAL EQUITY	19.45	19.01	44	5.25	4.87	38	11.09	10.79	30	4.13	3.98	15		
US FIXED INCOME	0.30	(0.87)	117	4.26	3.53	74	3.90	2.89	101	6.68	6.08	60		
TIPS	(0.63)	(0.63)	(1)	0.56	0.63	(8)	0.21	0.27	(6)	-	-	-		
REITs	(0.08)	(0.85)	77	3.88	3.07	80	7.63	6.98	65	2.19	1.43	77		
COMMODITIES	(8.85)	(9.01)	16	(24.85)	(24.82)	(3)	(14.02)	(13.70)	(32)	-	-	-		
TOTAL FUND	10.58	9.87	71	3.71	3.23	48	8.13	7.72	41	4.62	4.24	38		





CalPERS Trust Level Review Affiliate Investment Program Summary: CERBT Strategy 2



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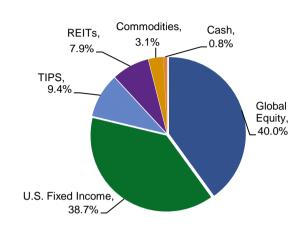
STRATEGIC ASSET ALLOCATION

CERBT Strategy 2 Objective

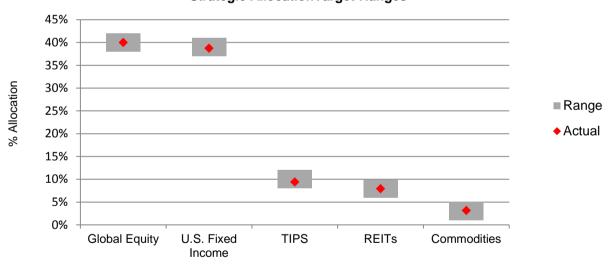
The California Employer Retirees' Benefit Trust (CERBT) was established in March 2007 for public employers to prefund their retiree health and other post-employment benefit obligations. Employers may choose among three different CERBT investment strategies. Compared with Strategies 1 and 3, this portfolio consists of a more moderate allocation of equities, bonds, and other assets.

Fixed income, TIPS and commodities asset classes are managed by CalPERS staff. Global equity and REITs are managed by State Street Global Advisors.

Actual Capital Allocation

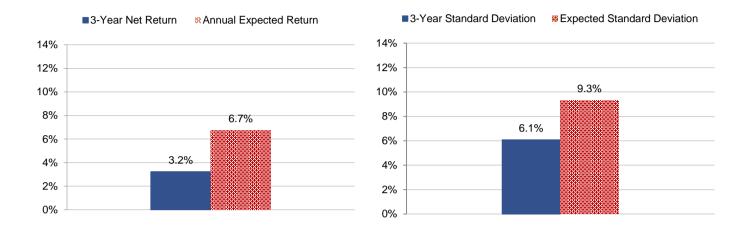


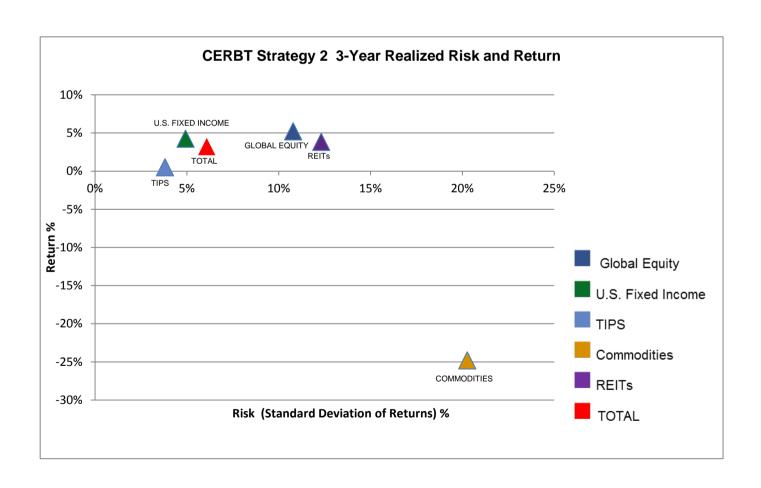
Strategic AllocationTarget Ranges



Asset Class	Current Allocation (%)	Target Allocation (%)	Variance (%)	Current Allocation (millions)	Target Allocation (millions)	Dollar Variance (millions)	
Global Equity	40.0%	40.0%	0.0%	\$ 352.1	\$ 352.1	\$ (0.1)	
U.S. Fixed Income	38.7%	39.0%	-0.3%	\$ 341.0	\$ 343.3	\$ (2.3)	
TIPS	9.4%	10.0%	-0.6%	\$ 82.6	\$ 88.0	\$ (5.4)	
REITs	7.9%	8.0%	-0.1%	\$ 69.8	\$ 70.4	\$ (0.6)	
Commodities	3.1%	3.0%	0.1%	\$ 27.6	\$ 26.4	\$ 1.2	
Cash	0.8%	0%	0.8%	\$ 7.2	\$ -	\$ 7.2	
Total	100.0%	100.0%	0.0%	\$ 880.3	\$ 880.3	\$ (0.0)	

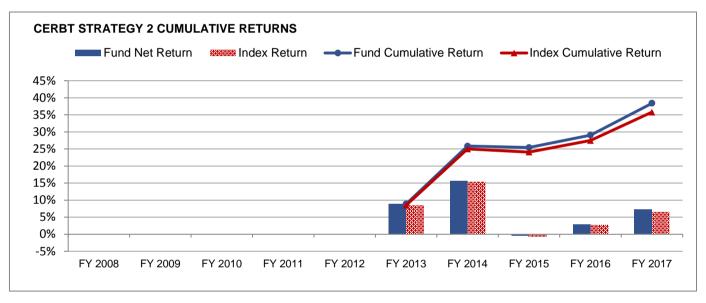
Per the current CERBT Fund Statement of Investment Policy.

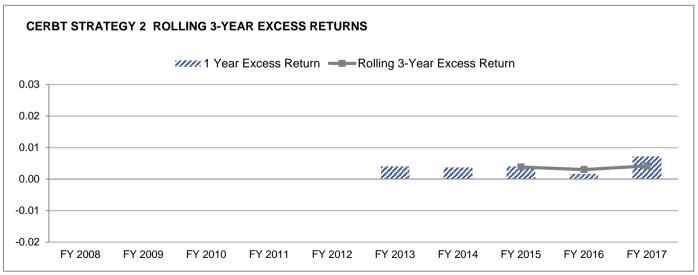




CERBT STRATEGY 2 PERFORMANCE SUMMARY

	1 YEAR			3 YEAR				5 YEAR			10 - YEAR	
As of 06/30/2017	Net Returns	Benchmark Return	Excess Bps									
GLOBAL EQUITY	19.46	19.01	45	5.21	4.87	34	11.24	10.96	28	-	-	
US FIXED INCOME	0.32	(0.87)	119	4.26	3.53	73	3.90	2.89	101	-	-	-
TIPS	(0.63)	(0.63)	(1)	0.52	0.63	(12)	0.19	0.27	(8)	-	-	-
REITs	(0.04)	(0.85)	81	3.84	3.07	77	7.61	6.98	63	-	-	-
COMMODITIES	(8.92)	(9.01)	9	(24.80)	(24.82)	2	(13.99)	(13.70)	(29)	-	-	-
TOTAL FUND	7.24	6.52	71	3.22	2.80	42	6.72	6.31	40	-	-	-





CalPERS Trust Level Review Affiliate Investment Program Summary: CERBT Strategy 3



June 30, 2017

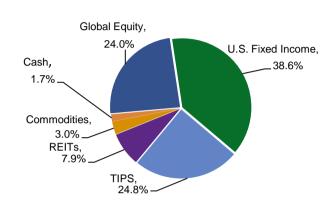
STRATEGIC ASSET ALLOCATION

CERBT Strategy 3 Objective

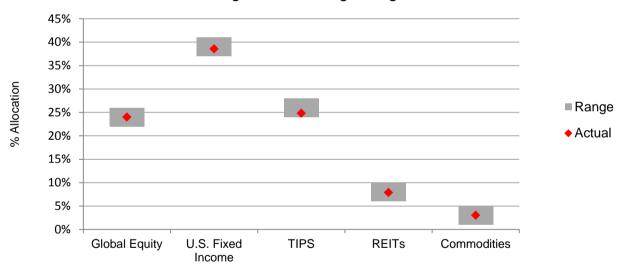
The California Employer Retirees' Benefit Trust (CERBT) was established in March 2007 for public employers to pre-fund their retiree health and other post-employment benefit obligations. Employers may choose among three different CERBT investment strategies. Compared with Strategies 1 and 2, this portfolio consists of a higher percentage of bonds and other assets and a lesser percentage of equities.

Fixed income, TIPS and commodities asset classes are managed by CalPERS staff. Global equity and REITs are managed by State Street Global Advisors.

Actual Capital Allocation



Strategic AllocationTarget Ranges

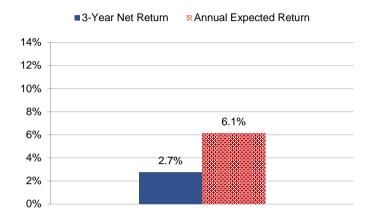


Asset Class	Current Allocation (%)	Target Allocation (%)	Variance (%)	Curren Allocatio (millions	on	Target Allocation (millions)		Va	ollar riance illions)
Global Equity	24.0%	24.0%	0.0%	\$	62.5	\$	62.5	\$	0.0
U.S. Fixed Income	38.6%	39.0%	-0.4%	\$ 1	00.5	\$	101.6	\$	(1.1)
TIPS	24.8%	26.0%	-1.2%	\$	64.7	\$	67.7	\$	(3.0)
REITs	7.9%	8.0%	-0.1%	\$	20.5	\$	20.8	\$	(0.3)
Commodities	3.0%	3.0%	0.0%	\$	7.9	\$	7.8	\$	0.1
Cash	1.7%	0%	1.7%	\$	4.4	\$	-	\$	4.4
Total	100.0%	100.0%	0.0%	\$ 2	260.6	\$	260.6	\$	(0.0)

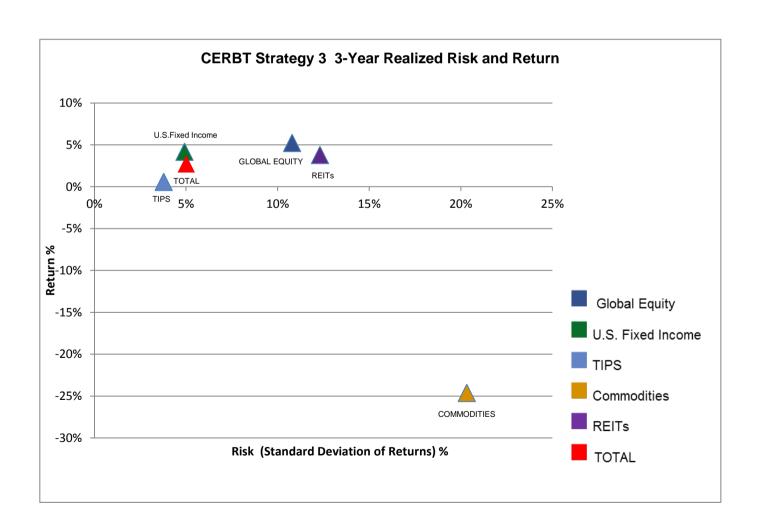
CERBT STRATEGY 3 RISK AND RETURN

Asset Liability Management Expectations

Per the current CERBT Fund Statement of Investment Policy.

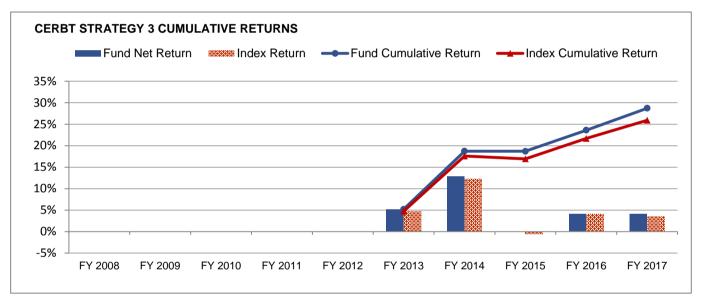


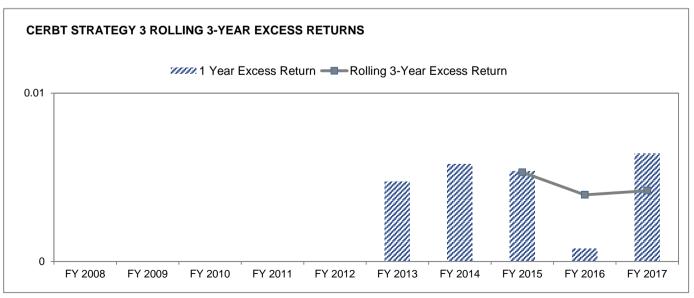




CERBT STRATEGY 3 PERFORMANCE SUMMARY

	1 YEAR				3 YEAR			5 YEAR			10 - YEAR			
As of 06/30/2017	Net Returns	Benchmark Return	Excess Bps											
GLOBAL EQUITY	19.39	19.01	38	5.22	4.87	35	11.21	10.96	25	-	-			
US FIXED INCOME	0.21	(0.87)	109	4.17	3.53	65	3.85	2.89	96	-	-	-		
TIPS	(0.65)	(0.63)	(2)	0.58	0.63	(5)	0.23	0.27	(4)	-	-	-		
REITs	(0.30)	(0.85)	55	3.80	3.07	72	7.56	6.98	58	-	-	-		
COMMODITIES	(8.57)	(9.01)	44	(24.62)	(24.82)	20	(13.87)	(13.70)	(17)	-	-	-		
TOTAL FUND	4.12	3.48	64	2.73	2.31	42	5.18	4.72	46	-	-	-		





CalPERS Trust Level Review Affiliate Investment Program Summary: Supplemental Income Plans (SIP)

Strategic Asset Allocation

	U.S. Equities		Int'l Equities			US Fixed Income			Rea	al Asset	.s	Cash and Cash Equivalents			
	Actual	Target	Range	Actual	Target	Range	Actual	Target	Range	Actual	Target	Range	Actual	Target	Range
Income Fund	9.0%	9.0%	+/- 2	11.0%	11.0%	+/- 2	49.9%	50.0%	+/- 4	0.0%	0.0%		30.1%	30.0%	+/- 4
2015 Fund	9.0%	9.0%	+/- 2	11.0%	11.0%	+/- 2	49.9%	50.0%	+/- 4	0.0%	0.0%		30.1%	30.0%	+/- 4
2020 Fund	12.1%	12.0%	+/- 2	14.0%	14.0%	+/- 2	45.9%	46.0%	+/- 4	1.0%	1.0%	+/- 1	27.1%	27.0%	+/- 4
2025 Fund	18.1%	18.0%	+/- 2	22.0%	22.0%	+/- 4	36.9%	37.0%	+/- 4	2.0%	2.0%	+/- 1	21.0%	21.0%	+/- 4
2030 Fund	23.1%	23.0%	+/- 4	26.9%	27.0%	+/- 4	29.9%	30.0%	+/- 4	5.0%	5.0%	+/- 1	15.0%	15.0%	+/- 2
2035 Fund	28.1%	28.0%	+/- 4	32.9%	33.0%	+/- 4	22.9%	23.0%	+/- 4	6.0%	6.0%	+/- 1	10.0%	10.0%	+/- 1
2040 Fund	33.1%	33.0%	+/- 4	38.9%	39.0%	+/- 4	16.0%	16.0%	+/- 2	8.0%	8.0%	+/- 1	4.0%	4.0%	+/- 1
2045 Fund	37.1%	37.0%	+/- 4	42.9%	43.0%	+/- 4	10.0%	10.0%	+/- 2	10.1%	10.0%	+/- 1	0.0%	0.0%	
2050 Fund	37.1%	37.0%	+/- 4	42.9%	43.0%	+/- 4	10.0%	10.0%	+/- 2	10.1%	10.0%	+/- 1	0.0%	0.0%	
2055 Fund	37.1%	37.0%	+/- 4	42.9%	43.0%	+/- 4	10.0%	10.0%	+/- 2	10.1%	10.0%	+/- 1	0.0%	0.0%	

Performance Summary

			1 YEAR			3 YEAR			5 YEAR			10 - YEAR	
As of	06/30/17	Net Returns	Benchmark Return	Excess Bps									
CALPERST	ARGET INCOME FUND	3.79	3.69	10	2.50	2.35	15	4.11	3.88	23	-	-	-
CALPERST	ARGET 2015 FUND	3.79	3.69	10	2.47	2.33	14	5.18	5.04	14	-	-	-
CALPERST	ARGET 2020 FUND	5.02	4.95	8	2.45	2.32	14	5.93	5.79	14	-	-	-
CALPERS TA	ARGET 2025 FUND	7.69	7.66	3	2.88	2.73	15	6.98	6.85	14	-	-	-
CALPERS TA	ARGET 2030 FUND	9.63	9.65	(2)	3.09	2.94	15	7.87	7.76	11	-	-	-
CALPERS TA	ARGET 2035 FUND	11.78	11.85	(8)	3.38	3.22	16	8.69	8.60	9	-	-	-
CALPERS TA	ARGET 2040 FUND	13.96	14.11	(14)	3.62	3.45	17	9.32	9.21	11	-	-	-
CALPERS TA	ARGET 2045 FUND	15.51	15.65	(14)	3.98	3.80	18	9.60	9.48	12	-	-	-
CALPERS TA	ARGET 2050 FUND	15.47	15.65	(19)	3.96	3.80	16	9.58	9.48	10	-	-	-
CALPERS TA	ARGET 2055 FUND	15.57	15.65	(9)	4.01	3.80	22	-	-	-	-	-	-

Risk Summary

	Historical 3 Year Standard Deviation
Income Fund	2.6%
2015 Fund	2.6%
2020 Fund	3.5%
2025 Fund	4.9%
2030 Fund	6.1%
2035 Fund	7.4%
2040 Fund	8.7%
2045 Fund	9.3%
2050 Fund	9.3%
2055 Fund	9.3%