

INVESTMENT RETURNS

AS OF JUNE 30, 2017

		Equity	Fixed Income	Other	3 Years	5 Years
PARS/HighMark Capital	Conservative	15.00%	79.00%	6.00%	2.99%	3.96%
	Mod. Conservative	30.00%	67.00%	3.00%	3.64%	5.42%
	Moderate	50.00%	47.00%	3.00%	4.60%	7.27%
	Balanced	60.00%	37.00%	3.00%	4.97%	8.31%
	Capital Appreciation	75.00%	23.00%	2.00%	5.64%	9.67%
Vanguard	Fixed Income	0.00%	98.80%	1.20%	2.62%	2.58%
	Conservative	42.20%	57.10%	0.70%	4.33%	6.26%
	Balanced	59.70%	39.3%	1.00%	5.08%	8.05%
	Growth	75.30%	23.50%	1.20%	5.93%	9.89%

**If a District wishes to use an alternative investment advisor, PARS PRSP can accommodate this option with its fully flexible investment structure.*

*** Past performance is not an predictor or guarantee of future results*

**** PARS and CCLC are not licensed to provide and does not offer investment advice or recommendations of any kind.*

All investment decisions in the PRSP are made at the sole discretion of the District, with or without the assistance of the District's selected investment advisors and/or managers.

San Bernardino Community College District
Pension Rate Stabilization Program (PRSP)
PARS Return and Fee Analysis
10/5/2017

\$20,000,000 Contribution - Vanguard & HighMark Scenarios

Vanguard Conservative (5.42% Nominal Return)

Period	Beginning Balance	Contribution	Distributions	Interest	Subtotal	PARS Fees	Investment Mgmt Fees	US Bank Trustee Fees	Ending Balance	PARS Fees (% of Assets)	Investment Mgmt Fees (% of Assets)	Trustee Fees (% of Assets)	Total Fees (% of Assets)
Year 1	\$5,035,333.02	\$20,000,000.00	\$1,310,044.01	\$1,349,168.10	\$25,074,457.11	\$50,925.96	\$17,932.11	\$11,606.45	\$24,993,992.59	0.21%	0.07%	0.05%	0.33%
Year 3	\$24,953,143.70	\$0.00	\$1,305,805.76	\$1,344,770.26	\$24,992,108.20	\$50,800.70	\$17,001.45	\$11,054.10	\$24,913,251.95	0.21%	0.07%	0.04%	0.32%
Year 5	\$24,874,195.94	\$0.00	\$1,301,743.95	\$1,340,551.76	\$24,913,003.75	\$50,680.56	\$15,934.51	\$10,512.62	\$24,835,876.07	0.21%	0.06%	0.04%	0.32%
Year 10	\$24,688,229.81	\$0.00	\$1,292,123.57	\$1,330,588.00	\$24,726,694.25	\$50,396.77	\$14,127.47	\$9,590.19	\$24,652,579.82	0.21%	0.06%	0.04%	0.31%

Vanguard Balanced (6.21% Nominal Return)

Period	Beginning Balance	Contribution	Distributions	Interest	Subtotal	PARS Fees	Investment Mgmt Fees	US Bank Trustee Fees	Ending Balance	PARS Fees (% of Assets)	Investment Mgmt Fees (% of Assets)	Trustee Fees (% of Assets)	Total Fees (% of Assets)
Year 1	\$5,035,333.02	\$20,000,000.00	\$1,319,042.53	\$1,545,793.53	\$25,262,084.02	\$51,082.41	\$18,005.12	\$11,653.67	\$25,181,342.82	0.21%	0.07%	0.05%	0.33%
Year 3	\$25,328,725.70	\$0.00	\$1,334,573.34	\$1,563,950.72	\$25,558,103.08	\$51,535.60	\$17,327.53	\$11,266.14	\$25,477,973.82	0.21%	0.07%	0.04%	0.32%
Year 5	\$25,628,989.04	\$0.00	\$1,350,475.28	\$1,582,538.81	\$25,861,052.57	\$51,999.55	\$16,484.87	\$10,875.74	\$25,781,692.41	0.21%	0.06%	0.04%	0.32%
Year 10	\$26,408,007.41	\$0.00	\$1,391,667.48	\$1,630,726.98	\$26,647,066.91	\$53,202.30	\$15,173.26	\$10,300.12	\$26,568,391.23	0.20%	0.06%	0.04%	0.30%

HighMark Moderately Conservative (5.68% Nominal Return)

Period	Beginning Balance	Contribution	Distributions	Interest	Subtotal	PARS Fees	Investment Mgmt Fees	US Bank Trustee Fees	Ending Balance	PARS Fees (% of Assets)	Investment Mgmt Fees (% of Assets)	Trustee Fees (% of Assets)	Total Fees (% of Assets)
Year 1	\$5,035,333.02	\$20,000,000.00	\$1,313,053.71	\$1,413,702.37	\$25,135,981.67	\$45,875.37	\$41,579.67	--	\$25,048,526.64	0.19%	0.17%	--	0.36%
Year 3	\$25,061,739.76	\$0.00	\$1,314,439.79	\$1,415,194.16	\$25,162,494.14	\$45,911.90	\$41,609.83	--	\$25,074,972.41	0.19%	0.17%	--	0.36%
Year 5	\$25,088,224.61	\$0.00	\$1,315,829.96	\$1,416,690.37	\$25,189,085.03	\$45,948.55	\$41,640.07	--	\$25,101,496.40	0.19%	0.17%	--	0.36%
Year 10	\$25,154,780.00	\$0.00	\$1,319,323.41	\$1,420,450.29	\$25,255,906.88	\$46,040.64	\$41,716.08	--	\$25,168,150.16	0.19%	0.17%	--	0.36%

HighMark Balanced (6.85% Nominal Return)

Period	Beginning Balance	Contribution	Distributions	Interest	Subtotal	PARS Fees	Investment Mgmt Fees	US Bank Trustee Fees	Ending Balance	PARS Fees (% of Assets)	Investment Mgmt Fees (% of Assets)	Trustee Fees (% of Assets)	Total Fees (% of Assets)
Year 1	\$5,035,333.02	\$20,000,000.00	\$1,325,539.31	\$1,704,267.30	\$25,414,061.01	\$51,190.42	\$56,190.42	--	\$25,306,680.16	0.21%	0.22%	--	0.43%
Year 3	\$25,581,289.07	\$0.00	\$1,354,473.98	\$1,741,453.10	\$25,968,268.19	\$52,034.62	\$57,034.62	--	\$25,859,198.95	0.21%	0.22%	--	0.43%
Year 5	\$26,140,449.49	\$0.00	\$1,384,108.45	\$1,779,538.26	\$26,535,879.29	\$52,899.23	\$57,899.23	--	\$26,425,080.83	0.20%	0.22%	--	0.42%
Year 10	\$27,598,234.49	\$0.00	\$1,461,368.37	\$1,878,829.95	\$28,015,696.06	\$55,153.36	\$60,153.36	--	\$27,900,389.34	0.20%	0.21%	--	0.41%

Assumptions:

1. Ending balances are net of PARS, Investment Management and Trustee fees
2. Vanguard and HighMark Capital Management portfolio returns are based on their 30-year return expectations.
3. Investment Management and Trustee Fees are based on combined projected assets. Actual fees will vary.
4. Past performance is no indication of future results.