

**Texas Permanent School Fund  
Asset Allocation Mix - SBOE  
April 30, 2017**

<u>Asset Class</u>	<u>Portfolio</u>	<u>Book Value</u>	<u>Mix</u>	<u>Fair Value</u>	<u>Mix</u>
Equity	Domestic Small-Mid Cap	\$1,066,444,110	4.25%	\$ 1,736,090,072	5.50%
	Domestic Large Cap	2,864,388,032	11.41%	5,958,246,991	18.88%
	Total Domestic Equity	3,930,832,142	15.66%	7,694,337,063	24.38%
	International Equity - Blackrock	4,206,172,966	16.75%	5,207,210,280	16.50%
	QMA Emerging Market Equity	450,000,000	1.79%	461,253,621	1.46%
	Navarro Emerging Market Equity	440,000,000	1.75%	552,485,918	1.75%
Total Emerging Market Equity		890,000,000	3.54%	1,013,739,539	3.21%
	Total Public Market Equity	9,027,005,108	35.95%	13,915,286,882	44.09%
Fixed Income	Domestic Fixed Income	4,007,997,658	15.96%	4,000,259,743	12.68%
	Investec Emerging Market Debt	763,004,391	3.04%	715,250,413	2.27%
	Ashmore Emerging Market Debt	763,080,722	3.04%	722,345,800	2.29%
	Stone Harbor Emerging Market Debt	747,219,048	2.98%	665,666,227	2.11%
	Total Emerging Market Debt	2,273,304,161	9.06%	2,103,262,440	6.67%
Total Fixed Income		6,281,301,819	25.02%	6,103,522,183	19.35%
Absolute Return	Raven 1	800,000,000	3.19%	1,008,391,125	3.20%
	Raven 2	115,564,124	0.46%	144,834,866	0.46%
	Raven 4	600,000,000	2.39%	908,958,966	2.88%
	Raven 6	353,884,155	1.41%	430,523,915	1.36%
	Raven 7	412,711,614	1.64%	500,543,599	1.59%
	Raven 8	208,340,108	0.83%	229,075,821	0.73%
Total Absolute Return		2,490,500,001	9.92%	3,222,328,292	10.22%
Private Equity	Columbia NB Crossroads Fund L.P.	345,952,932	1.38%	476,422,244	1.51%
	Columbia NB Crossroads Fund II L.P.	450,786,650	1.80%	561,650,304	1.78%
	Columbia NB Crossroads Fund II Tranche C	119,026,135	0.47%	124,057,546	0.39%
	TPSF NB PE Program	372,882,533	1.49%	439,907,518	1.39%
	Private Equity Direct	3,679,460	0.01%	2,747,916	0.01%
	Columbia CS Fund, L.P.	420,578,222	1.67%	547,990,502	1.74%
Total Private Equity		1,712,905,932	6.82%	2,152,776,030	6.82%
Real Estate	Direct Real Estate Investments	1,784,653,072	7.11%	2,177,248,641	6.90%
Total Real Estate		1,784,653,072	7.11%	2,177,248,641	6.90%
Risk Parity	AQR Capital Management	846,664,411	3.37%	1,078,011,216	3.42%
	Bridgewater	764,790,629	3.05%	1,073,029,489	3.40%
	Total Risk Parity Strategies	1,611,455,040	6.42%	2,151,040,705	6.82%
Real Return	Real Return - TIPS	936,299,056	3.73%	937,271,436	2.97%
	Real Return Commodities - Terlingua 1	587,500,000	2.34%	410,131,242	1.30%
	Real Return Commodities - Terlingua 2	575,000,000	2.29%	384,324,097	1.22%
	Total Real Return	2,098,799,056	8.36%	1,731,726,775	5.49%
Total Unallocated Cash		102,814,869	0.40%	102,814,869	0.31%
Fund Total		25,109,434,897	100.00%	31,556,744,377	100.00%

Notes: The asset classes include cash that has been allocated to the investment portfolios.  
Exposure includes fair value of funded investments plus unfunded commitments.

Exposure: Total Private Equity Exposure and Percentage of Fund Total Fair Value 3,432,872,916 10.88%  
Total Real Estate Exposure and Percentage of Fund Total Fair Value 3,077,313,079 9.75%

Current State Board of Education approved Strategic Asset Allocation Mix (approved July 22, 2016)

Large Cap U.S. Equity	13.00%	Real Estate	10.00%
Small/Mid Cap U.S. Equity	5.00%	Risk Parity	7.00%
Developed and Emerging Market International Large Cap Equity	14.00%	Real Return-Commodities	3.00%
Emerging Market Equity	3.00%	Real Return-TIPS	3.00%
Domestic Investment Grade Fixed Income	12.00%	Absolute Return	10.00%
Emerging Market Debt (LC)	7.00%	Private Equity	13.00%
			<u>100.00%</u>