

Texas Permanent School Fund
Asset Allocation Mix - SBOE
April 30, 2018

<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	\$ 1,029,537,604	3.97%	\$ 1,657,027,413	4.89%	
	Domestic Large Cap	2,604,173,688	10.04%	5,843,137,740	17.24%	
	Total Domestic Equity	3,633,711,292	14.01%	7,500,165,153	22.13%	
	International Equity - Blackrock	3,957,794,945	15.26%	5,458,296,100	16.11%	
	QMA Emerging Market Equity	404,099,888	1.56%	506,921,089	1.50%	
	Navarro Emerging Market Equity	330,737,541	1.27%	505,125,604	1.49%	
Total Public Market Equity	Total Emerging Market Equity	734,837,429	2.83%	1,012,046,693	2.99%	
		8,326,343,666	32.10%	13,970,507,946	41.23%	
Fixed Income	Domestic Fixed Income	4,585,614,111	17.68%	4,442,391,740	13.11%	
	Investec Emerging Market Debt	768,010,668	2.96%	794,031,870	2.34%	
	Ashmore Emerging Market Debt	811,632,391	3.13%	839,724,096	2.48%	
	Stone Harbor Emerging Market Debt	784,019,440	3.02%	754,482,283	2.23%	
	Total Emerging Market Debt	2,363,662,499	9.11%	2,388,238,249	7.05%	
Total Fixed Income		6,949,276,610	26.79%	6,830,629,989	20.16%	
Absolute Return	Raven 1	800,000,000	3.08%	1,076,218,512	3.18%	
	Raven 2	46,865,421	0.18%	61,454,182	0.18%	
	Raven 4	600,000,000	2.31%	957,454,954	2.83%	
	Raven 6	353,884,155	1.36%	453,527,453	1.34%	
	Raven 7	412,711,614	1.59%	534,188,734	1.58%	
	Raven 8	338,002,604	1.30%	388,573,401	1.15%	
	Total Absolute Return		2,551,463,794	9.82%	3,471,417,236	10.26%
Private Equity	Columbia NB Crossroads Fund L.P.	307,579,894	1.19%	422,787,328	1.25%	
	Columbia NB Crossroads Fund II L.P.	415,337,720	1.60%	658,956,016	1.94%	
	Columbia NB Crossroads Fund II Tranche C	356,210,282	1.37%	379,528,491	1.12%	
	TPSF NB PE Program	577,916,993	2.23%	730,586,324	2.16%	
	Private Equity Direct	124,239,510	0.48%	124,347,161	0.37%	
	Columbia CS Fund, L.P.	362,635,729	1.40%	498,607,969	1.47%	
Total Private Equity		2,143,920,128	8.27%	2,814,813,289	8.31%	
Real Estate	Direct Real Estate Investments	2,013,085,061	7.76%	2,452,056,960	7.24%	
	Total Real Estate		7.76%	2,452,056,960	7.24%	
Risk Parity	AQR Capital Management	846,664,411	3.26%	1,170,340,198	3.45%	
	Bridgewater	764,790,629	2.95%	1,146,689,552	3.38%	
	Total Risk Parity Strategies	1,611,455,040	6.21%	2,317,029,750	6.83%	
Real Return	Real Return - TIPS	1,048,483,499	4.04%	1,037,317,602	3.06%	
	Real Return Commodities - Terlingua 1	587,500,000	2.26%	437,829,239	1.29%	
	Real Return Commodities - Terlingua 2	575,000,000	2.22%	420,639,932	1.24%	
	Total Real Return	2,210,983,499	8.52%	1,895,786,773	5.59%	
Total Unallocated Cash		136,885,244	0.53%	136,885,244	0.38%	
Fund Total		25,943,413,042	100.00%	33,889,127,187	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 4,384,550,845 12.94%
Total Real Estate Exposure and Percentage of Fund Total Fair Value 3,837,623,610 11.32%

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>