

**Texas Permanent School Fund
Asset Allocation Mix - SBOE
September 30, 2019**

<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	\$ 1,193,163,434	4.42%	\$ 1,697,860,405	4.92%
	Domestic Large Cap	1,993,790,499	7.39%	4,648,229,191	13.46%
	Total Domestic Equity	3,186,953,933	11.81%	6,346,089,596	18.38%
	International Equity - Blackrock	3,936,615,600	14.59%	4,913,729,433	14.23%
	Navarro Emerging Market Equity	770,737,541	2.86%	907,828,015	2.63%
	Total Emerging Market Equity	770,737,541	2.86%	907,828,015	2.63%
Total Public Market Equity		7,894,307,074	29.26%	12,167,647,044	35.24%
Fixed Income	Domestic Fixed Income	4,308,469,584	15.96%	4,433,495,446	12.84%
	Investec Emerging Market Debt	1,193,323,615	4.42%	1,223,512,397	3.54%
	Ashmore Emerging Market Debt	1,198,579,160	4.44%	1,211,070,195	3.51%
	Total Emerging Market Debt	2,391,902,775	8.86%	2,434,582,592	7.05%
Total Fixed Income		6,700,372,359	24.82%	6,868,078,038	19.89%
Absolute Return	Raven 1	800,000,000	2.96%	1,081,212,694	3.13%
	Raven 4	600,000,000	2.22%	1,019,596,871	2.95%
	Raven 6	353,884,155	1.31%	464,299,656	1.34%
	Raven 7	412,711,614	1.53%	574,566,445	1.66%
	Raven 8	418,586,838	1.55%	480,115,395	1.39%
Total Absolute Return		2,585,182,607	9.57%	3,619,791,061	10.47%
Private Equity	Columbia NB Crossroads Fund L.P.	258,460,159	0.96%	324,774,826	0.94%
	Columbia NB Crossroads Fund II L.P.	371,366,587	1.38%	607,989,179	1.76%
	Columbia NB Crossroads Fund II Tranche C	747,721,523	2.77%	945,268,211	2.74%
	TPSF NB PE Program	788,903,491	2.92%	1,045,986,959	3.03%
	Private Equity Direct	670,088,325	2.48%	746,857,170	2.16%
	Columbia CS Fund, L.P.	267,013,105	0.99%	371,920,445	1.08%
Total Private Equity		3,103,553,190	11.50%	4,042,796,790	11.71%
Real Estate	Direct Real Estate Investments	2,413,466,544	8.94%	2,956,987,823	8.56%
Total Real Estate		2,413,466,544	8.94%	2,956,987,823	8.56%
Risk Parity	AQR Capital Management	846,664,411	3.14%	1,311,624,314	3.80%
	Bridgewater	764,790,629	2.83%	1,246,385,563	3.61%
	Total Risk Parity Strategies	1,611,455,040	5.97%	2,558,009,877	7.41%
Real Return	Real Return - TIPS	1,084,812,770	4.02%	1,114,197,726	3.23%
	Real Return Commodities - Terlingua 1	587,500,000	2.18%	389,919,136	1.13%
	Real Return Commodities - Terlingua 2	575,000,000	2.13%	372,743,194	1.08%
	Real Return Commodities - Terlingua 3	223,190,817	0.83%	226,983,027	0.66%
Total Real Return		2,470,503,586	9.16%	2,103,843,083	6.10%
Total Unallocated Cash		209,018,304	0.78%	209,018,305	0.62%
Fund Total		26,987,858,704	100.00%	34,526,172,021	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 6,369,744,220 18.45%
Total Real Estate Exposure and Percentage of Fund Total Fair Value 4,831,442,679 13.99%

Current State Board of Education approved Strategic Asset Allocation Mix (approved June 15, 2018)

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>