

Texas Permanent School Fund
Asset Allocation Mix - SBOE
July 31, 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	\$ 1,171,119,776	4.36%	\$ 1,718,454,669	4.97%
	Domestic Large Cap	2,025,157,053	7.55%	4,773,144,028	13.81%
	Total Domestic Equity	3,196,276,829	11.91%	6,491,598,697	18.78%
	International Equity - Blackrock	3,936,464,054	14.67%	4,991,222,233	14.44%
	QMA Emerging Market Equity	315,518,450	1.18%	356,190,254	1.03%
	Navarro Emerging Market Equity	330,737,541	1.23%	472,519,270	1.37%
Total Public Market Equity	Total Emerging Market Equity	646,255,991	2.41%	828,709,524	2.40%
		7,778,996,874	28.99%	12,311,530,454	35.62%
Fixed Income	Domestic Fixed Income	4,413,556,437	16.45%	4,483,494,030	12.97%
	Investec Emerging Market Debt	1,194,279,230	4.45%	1,251,246,444	3.62%
	Ashmore Emerging Market Debt	1,198,579,160	4.47%	1,250,671,834	3.62%
	Stone Harbor Emerging Market Debt	-	0.00%	-	0.00%
	Total Emerging Market Debt	2,392,858,390	8.92%	2,501,918,278	7.24%
Total Fixed Income		6,806,414,827	25.37%	6,985,412,308	20.21%
Absolute Return	Raven 1	800,000,000	2.98%	1,092,747,799	3.16%
	Raven 4	600,000,000	2.24%	1,021,769,626	2.96%
	Raven 6	353,884,155	1.32%	466,737,792	1.35%
	Raven 7	412,711,614	1.54%	572,830,802	1.66%
	Raven 8	418,586,838	1.56%	483,919,410	1.40%
	Total Absolute Return		2,585,182,607	9.64%	3,638,005,429
Private Equity	Columbia NB Crossroads Fund L.P.	252,837,312	0.94%	326,269,178	0.94%
	Columbia NB Crossroads Fund II L.P.	371,724,344	1.39%	576,416,850	1.67%
	Columbia NB Crossroads Fund II Tranche C	723,354,647	2.70%	896,521,107	2.59%
	TPSF NB PE Program	786,033,240	2.93%	1,014,183,153	2.93%
	Private Equity Direct	572,748,514	2.13%	627,927,206	1.82%
	Columbia CS Fund, L.P.	275,442,712	1.03%	383,420,584	1.11%
Total Private Equity		2,982,140,769	11.12%	3,824,738,078	11.06%
Real Estate	Direct Real Estate Investments	2,394,183,227	8.92%	2,943,242,752	8.51%
Total Real Estate		2,394,183,227	8.92%	2,943,242,752	8.51%
Risk Parity	AQR Capital Management	846,664,411	3.15%	1,311,457,012	3.79%
	Bridgewater	764,790,629	2.85%	1,239,979,763	3.59%
	Total Risk Parity Strategies	1,611,455,040	6.00%	2,551,436,775	7.38%
Real Return	Real Return - TIPS	1,079,336,978	4.02%	1,102,797,540	3.19%
	Real Return Commodities - Terlingua 1	587,500,000	2.19%	395,021,702	1.14%
	Real Return Commodities - Terlingua 2	575,000,000	2.14%	380,997,902	1.10%
	Real Return Commodities - Terlingua 3	207,216,097	0.77%	209,129,253	0.60%
	Total Real Return	2,449,053,075	9.12%	2,087,946,397	6.03%
Total Unallocated Cash		228,665,424	0.84%	228,665,424	0.66%
Fund Total		26,836,091,843	100.00%	34,570,977,617	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 6,100,812,446 17.65%
Total Real Estate Exposure and Percentage of Fund Total Fair Value 4,783,408,719 13.84%

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>