



Board of Regents Report for September 2019

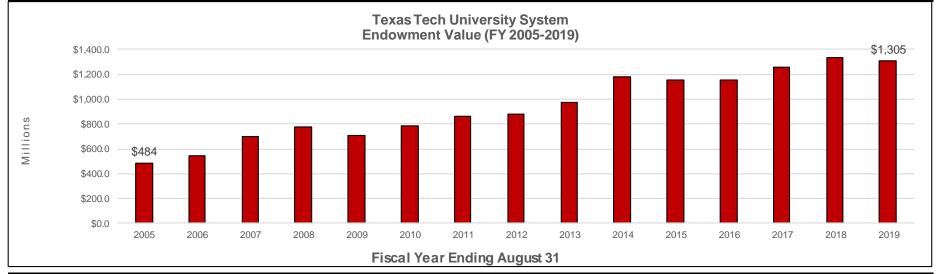
Texas Tech University Investment Pools

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Endowment Data*

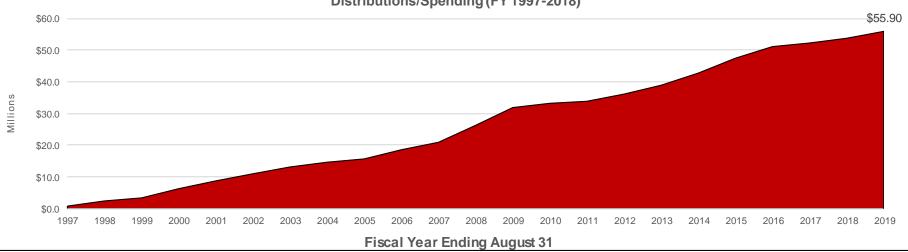
30th September 2019

HISTORICAL MARKET VALUE (Fiscal Year)



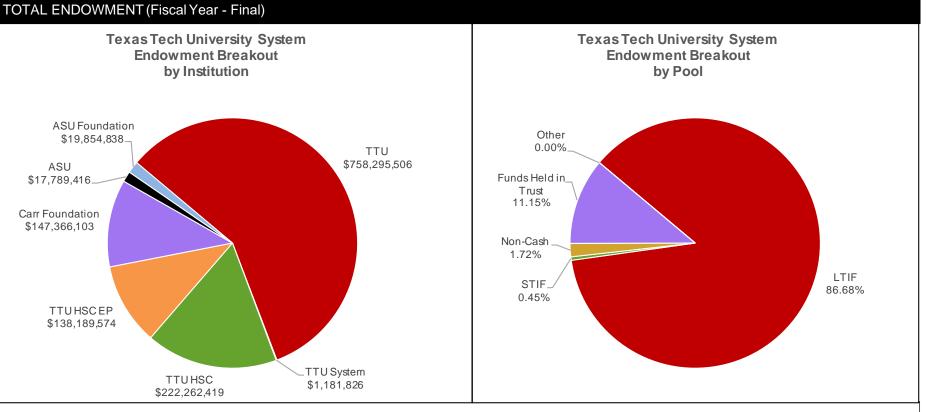
HISTORICAL SPENDING (Fiscal Year)

Texas Tech University System Distributions/Spending (FY 1997-2018)



*Data provided by the TTUS Office of Treasury

The 4.5% distribution rate has been realized every year since inception.



Summary of Endowment

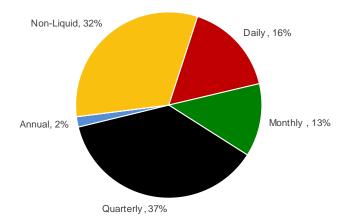
	TTU	TTU System	TTU HSC	TTU HSC EP	Carr Foundation	ASU	ASU Foundation	Total
LTIF	\$705,149,883	\$1,181,826	\$153,319,656	\$104,032,341	\$130,131,476	\$17,395,908	\$19,854,838	\$1,131,065,929
STIF	\$2,451,731	-	\$2,536,741	\$441,000	-	\$393,469	-	\$5,822,941
Non-Cash	\$4,577,607	-	\$679,125	-	\$17,234,627	-	-	\$22,491,359
Funds Held in Trust	\$46,116,257	-	\$65,726,895	\$33,716,233	-	-	-	\$145,559,385
Other	\$28	-	-	-	-	\$39	-	\$67
Total	\$758,295,506	\$1,181,826	\$222,262,419	\$138,189,574	\$147,366,103	\$17,789,416	\$19,854,838	\$1,304,939,681

Endowment Data* (cont.)

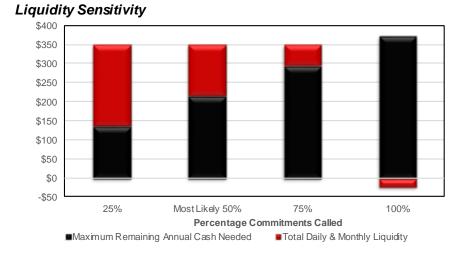


LTIF Liquidity

LTIF Liquidity



LTIF		Liquidity
Daily	\$196,275,364	16.3%
Monthly	\$152,926,204	12.7%
Quarterly	\$447,941,321	37.2%
Annual	\$21,674,580	1.8%
2-Year	\$C	0.0%
Non-Liquid	\$385,325,868	32.0%
Total LTIF	1,204,143,336	100%



	<u>Commitment</u>	Capital Called	<u>Distributions</u>	Account Release	<u>Remaining</u> Commitment
				<u>Balance</u>	Commitment
Priv ate Equity	\$293,858,695	\$191,552,758	\$78,096,575	\$154,768,761	\$102,305,937
Private Credit	\$485,190,298	\$319,809,146	\$87,095,357	\$118,448,100	\$165,381,152
Private Real Assets	\$284,316,339	\$241,150,189	\$246,621,274	\$93,226,809	\$43,166,150
Total Illiquid Assets	\$1,063,365,332	\$752,512,093	\$411,813,206	\$366,443,670	\$310,853,239

Annual Spending	\$61,000,000
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Total Committed Funds \$371,853,239

Unfunded Commitments - Sensitivity Analysis	25% Called	<u>Most Likely</u> 50% Called	<u>75% Called</u>	<u>100% Called</u>
Maximum Remaining Annual Cash Needed	\$138,713,310	\$216,426,620	\$294,139,929	\$371,853,239
Percentage of Daily & Monthly Liquidity	40%	62%	84%	106%

Market Data

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Benchmarks	Underlying	Weight	MTD Perf.	QTD Perf.	Calendar YTD	Fiscal YTD	Nacubo YTD	1 Year Perf.	3 Year Perf.	5 Year Perf.
Policy Benchmarks			1.03%	1.01%	8.96%	1.03%	1.01%	4.17%	7.26%	6.03%
Equity	Global Index (MSCI ACWI with USA Gross)	30%	2.15%	0.10%	16.71%	2.15%	0.10%	1.95%	10.07%	7.02%
Debt	Global Bonds (Barclays Global Agg)	20%	-1.02%	0.71%	6.32%	-1.02%	0.71%	7.60%	1.59%	1.99%
Diversifying Assets	HFRX Global Hedge Fund	20%	0.45%	1.61%	5.90%	0.45%	1.61%	0.01%	2.16%	3.19%
Private Investments	Private Market Composite	30%	1.66%	1.66%	4.82%	1.66%	1.66%	6.03%	11.89%	9.74%
Other Benchmarks										
Equity	S&P 500 Total Return		1.87%	1.70%	20.55%	1.87%	1.70%	4.25%	13.39%	10.84%
Equity	Non US Developed Equity (MSCI EAFE)		2.87%	-1.07%	12.80%	2.87%	-1.07%	-1.34%	6.48%	3.27%
Equity	EM Equities (MSCI EMF)		1.91%	-4.25%	5.89%	1.91%	-4.25%	-2.02%	5.97%	2.33%
Debt	EM Bonds (JPM EM Bond Index)		-0.36%	1.34%	12.08%	-0.36%	1.34%	10.74%	3.84%	5.10%
Cash & Alpha Pool	90 Day T-Bills		0.16%	0.51%	1.72%	0.16%	0.51%	2.32%	1.59%	1.00%
Hedge Funds	HFRI FOF Composite		-0.42%	-0.90%	5.21%	-0.42%	-0.90%	0.01%	3.16%	1.95%
Private Investments	Private Market Composite		1.66%	1.66%	4.82%	1.66%	1.66%	6.03%	11.89%	9.74%

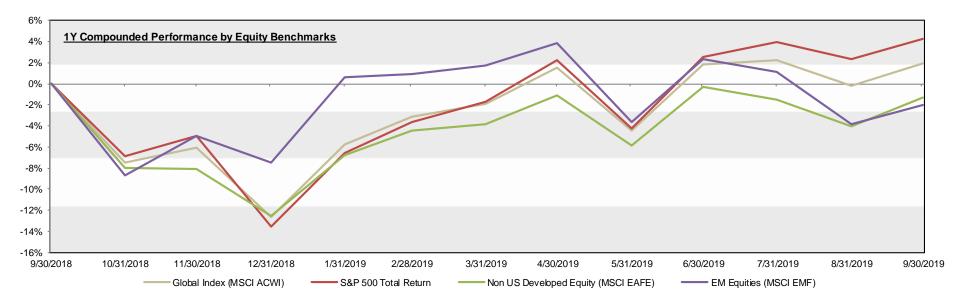
CIO NOTES:

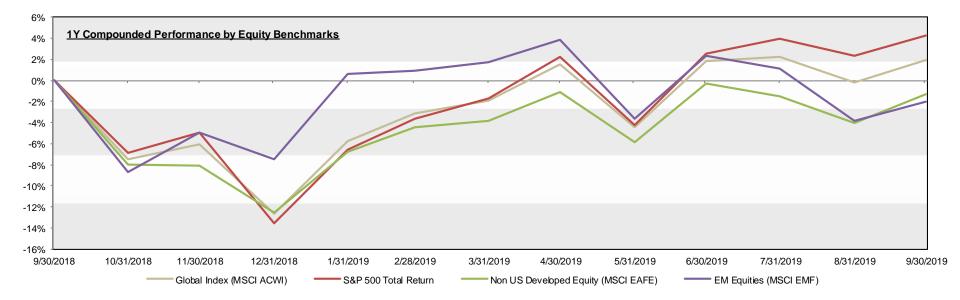
Risk assets were in the black in September following a challenging summer marked by an escalating trade war between the United States and China, and sluggish economic growth. Global equities rallied as central banks in the US and Europe eased monetary policy to offset concerns around an economic slowdown. The MSCI EAFE Index led the way, increasing 2.9% last month, on the back of a massive, open-ended stimulus plan from the European Central Bank. The S&P 500 Index and the MSCI EM Index gained 1.9% each in September.

Following a rate cut last month by the Federal Reserve, the short-end of the Treasury yield curve moved modestly lower. However, the curve steepened at the 10- and 30-year points by 18 and 16 basis points, respectively. As a result, the Barclays US Treasury Index and Long Treasury Index declined 0.8% and 2.5%, respectively, in September. Global rates also moved higher with the German bund increasing 13 basis points and the 10-year Japanese bond yield moving six basis points higher. In credit, spreads posted a moderate decline across domestic investment-grade indexes. The Barclays US High Yield Index eked out a 0.4% monthly return as spreads on lower-quality indexes fell.

Within real assets, spot WTI crude oil declined 1.7% during the month, with losses of 7.0% for the quarter; that said, year-to-date gains total 19.9% so far this year.

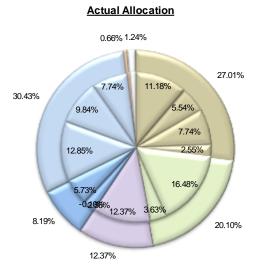
Market Data (cont.)



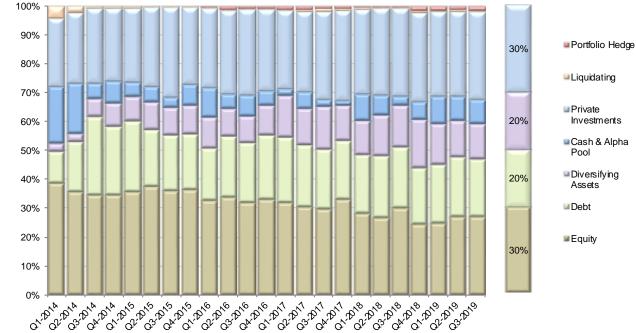


LTIF: Asset Class Allocation: Actual vs. Target

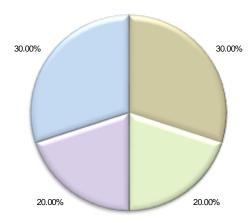
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Asset Class		Actual \$ Allocation	ı	Total %	Target %	Target Range
ASSEL CIASS	Physical	Synthetic	Total	Allocation	Allocation	Target Kange
Equity	66,662,878	258,558,564	325,221,442	27.01%	30%	20% - 40%
Debt	242,087,374	0	242,087,374	20.10%	20%	10% - 30%
Diversifying Assets	130,285,338	18,693,608	148,978,945	12.37%	20%	10% - 30%
Cash & Alpha Pool	380,620,252	-282,044,841	98,575,411	8.19%	0%	0% - 10%
Private Investments	366,443,670	0	366,443,670	30.43%	30%	20% - 40%
Liquidating	7,910,211	0	7,910,211	0.66%	0%	
Portfolio Hedge	10,133,614	4,792,669	14,926,282	1.24%	0%	
Total	1,204,143,336	0	1,204,143,336	100%	100%	



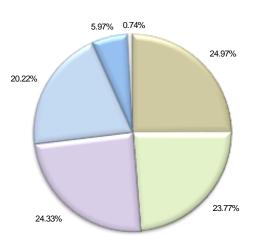
Target Allocation



ITIF Asset Class Allocation: Actual vs. Target

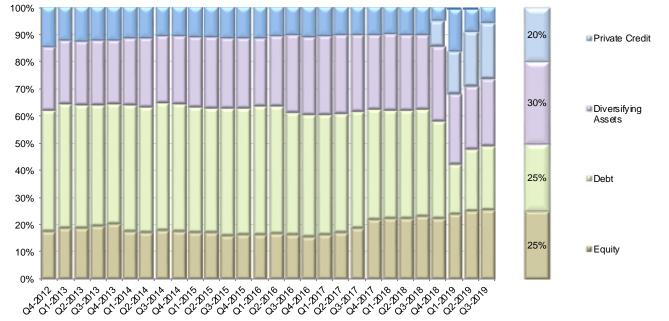
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Actual Allocation



Asset Class	Actual \$ Allocation	Total % Allocation	Target % Allocation	Target Range
Equity	200,287,939	24.97%	25%	20% - 30%
Debt	190,641,122	23.77%	25%	20% - 30%
Diversifying Assets	195,167,542	24.33%	30%	25% - 35%
Private Credit	162,144,179	20.22%	20%	15% - 25%
Cash	47,923,420	5.97%	0%	0% - 15%
Portfolio Hedge	5,927,214	0.74%	0%	0% - 15%
Total Exposure	802,091,417	100%	100%	





*Total Exposure value includes the synthetic portfolio hedge exposure.

LTIF Asset Class Performance: Actual vs. Policy

QTD Performance			Month						QTD				
1.13% Cash	sh & Alpha Pool	Asset Class		Synthetic Overlay	Alpha Pool + Cash	Total Return	Policy	Asset Class	Phy sical Return	Sy nthetic Ov erlay		Total Return	Policy
0.59% Diver	ersifying Assets	Equity	1.86%	2.47%	0.28%	2.58%	2.15%	Equity	-0.08%	-0.73%	1.13%	0.31%	0.10%
		Debt	0.35%			0.35%	-1. 02 %	Debt	-0.84%			-0.84%	0.71%
0.31% Equity	-	Diversifying Assets	0.54%	-0.79%	0.28%	0.40%	0.45%	Diversifying Assets	1.07%	-3.63%	1.13%	0.59%	1.61%
-0.36% Privat	vate I nve stments	Cash & Alpha Pool	0.28%			0.28%		Cash & Alpha Pool	1.13%			1.13%	
		Private Investments	-0.42%			-0.42%	1.66%	Private Investments	-0.36%			-0.36%	1.66%
-0.84% Debt	bt	Portfolio Hedge Contri.				-0.18%		Portfolio Hedge Contri.				-0.03%	
-1.5% -1.0% -0.5% 0.0% 0.5% 1.0% 1.5%		Total	0.18%	2.26%	0.28%	0.59%	1.03%	Total	-0.19%	-0.92%	1.13%	-0.12%	1.01%

	One Year Performance				C	alendar Y	TD			1 Year				
	4.17%	Cash & Alpha Pool	Asset Class	Physical Return	Synthetic Overlay	Alpha Pool + Cash	Total Return	Policy	Asset Class		Sy nthetic Ov erlay		Total Return	Policy
	3.35%	Private Investments	Equity	19.03%	12.09%	4.17%	17.14%	16.71%	Equity	3.29%	-4.24%	4.10%	0.27%	1.95%
	1.01%		Debt	1.78%			1.78%	6.32%	Debt	-5.22%			-5.22%	7.60%
		Diversifying Assets	Diversifying Assets	4.29%	-7.00%	4.17%	2.85%	5.90%	Diversifying Assets	2.62%	-9.59%	4.10%	1.01%	0.01%
	0.27%		Cash & Alpha Pool	4.17%			4.17%		Cash & Alpha Pool	4.17%			4.17%	
	0.27%	Equity	Private Investments	2.89%			2.89%	4.82%	Private Investments	3.35%			3.35%	6.03%
	-5.22%	Debt	Portfolio Hedge Contri.				0.58%		Portfolio Hedge Contri.				-0.18%	
	-8% -6% -4% -2% 1% 3% 5% 7%		Total	3.95%	9.28%	4.17%	6.87%	8.96%	Total	0.77%	-4.83%	4.10%	-0.32%	4.17%



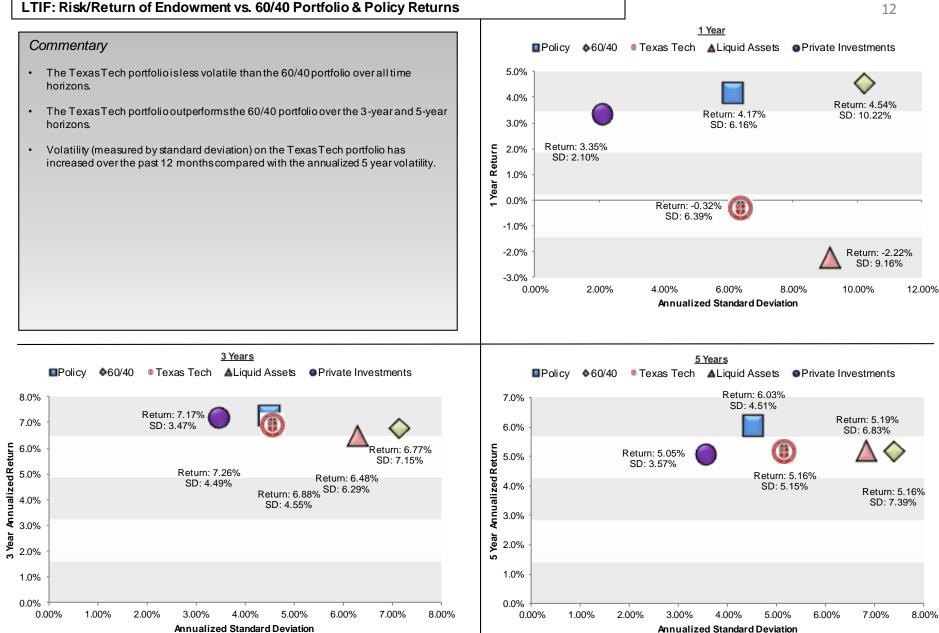
31st September 2019

QTD Performance]	Asset Class	Мо	nth	Asset Class	QTD		
0.839	6 Diversifying Assets	ASSEL CLASS	Total Return	Policy	P036L 01033	Total Return	Policy	
-0.08%	Equity	Equity	1.86%	2.15%	Equity	-0.08%	0.10%	
-0.06%	Equity	Debt	0.31%	-1.02%	Debt	-0.55%	0.71%	
-0.18%	Private Credit	Diversifying Assets	0.29%	0.45%	Diversifying Assets	0.83%	1.61%	
		Private Credit	-0.14%	1.37%	Private Credit	-0.18%	1.37%	
-0.55%	Debt	Portfolio Hedge Contribution	-0.10%	n/a	Portfolio Hedge Contribution	-0.02%	n/a	
-1% -1% 0% 1% 1%		Total	0.46%	0.69%	Total	0.04%	0.98%	

One Year Performance	Acad Class	Calenc	lar YTD	August 2014-14	1 Year		
3.80%	Equity	Asset Class	Total Return Policy		Asset Class	Total Return	Policy
		Equity	19.13%	16.71%	Equity	3.80%	1.95%
2.68%	Debt	Debt	4.39%	6.32%	Debt	2.68%	7.60%
		Diversifying Assets	4.68%	5.90%	Diversifying Assets	-0.61%	0.01%
		Private Credit	2.54%	3.86%	Private Credit	n/a	n/a
-0.61%	Diversifying Assets	Portfolio Hedge Contribution	n/a	n/a	Portfolio Hedge Contribution	n/a	n/a
-2% -1% 0% 1% 2% 3% 4% 5	Total	7.20%	8.34%	Total	2.10%	3.59%	

3 Year

LTIF: Risk/Return of Endowment vs. 60/40 Portfolio & Policy Returns

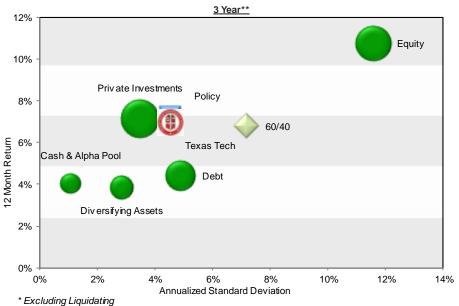


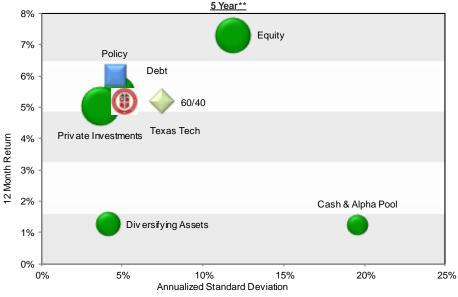
LTIF: Risk Profile*

Commentary

- Private Investments and Cash & Alpha Pool have provided the highest risk adjusted returns over the last 12 months
- Equity and Debt have generated the lowest risk adjusted returns over the last 12 • months.

1 Year 6% Cash & Alpha Pool Policy 60/40 4% Private Investments 2% Diversifying Assets 12 Month Return Equity 0% f Texas Tech -2% -4% Debt -6% 0% 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% Annualized Standard Deviation





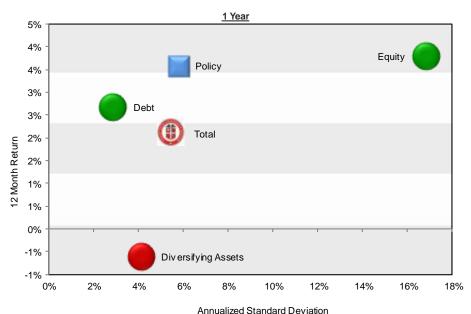


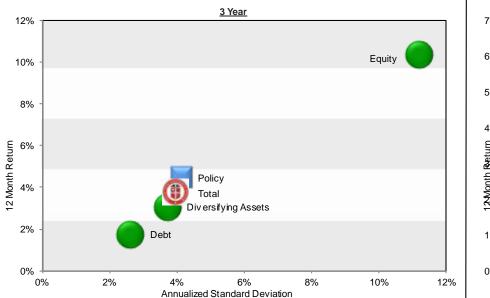
30th September 2019

ITIF: Risk Profile

Commentary

• Equity has provided the highest risk adjusted returns, and Diversifying Assets has provided the lowest risk adjusted returns.









LTIF: Appendix I - Sub-Asset Detail

TEXAS TECH UNIVERSITY SYSTEM

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Fund	Current Exposure	MTD Perf.	QTD Perf.	Calendar YTD	Fiscal YTD	Nacubo YTD	1 Year Perf.	3 Year Perf.	5 Year Perf.
TOTAL	1,204,143,336	0.59%	-0.12%	6.87%	0.59%	-0.12%	-0.32%	6.88%	5.16%
Policy		1.03%	1.01%	8.96%	1.03%	1.01%	4.17%	7.26%	6.03%
Portfolio Hedge Contribution	14,926,282	-0.18%	-0.03%	0.58%	-0.18%	-0.03%	-0.18%	-0.21%	n/a
Equity	325,221,442	2.58%	0.31%	17.14%	2.58%	0.31%	0.27%	10.76%	7.31%
Equity Policy Benchmark (MSCI A CWI with USA Gross)		2.15%	0.10%	16.71%	2.15%	0.10%	1.95%	10.07%	7.02%
US Equity	134,599,608	2.30%	1.73%	19.34%	2.30%	1.73%	0.26%	13.25%	10.90%
Benchmark: S&P 500 Total Return		1.87%	1.70%	20.55%	1.87%	1.70%	4.25%	13.39%	10.84%
Global Equity	66,662,878	1.86%	-0.08%	19.09%	1.86%	-0.08%	2.97%	11.08%	8.62%
Benchmark: MSCI ACWI with USA Gross		2.15%	0.10%	16.71%	2.15%	0.10%	1.95%	10.07%	7.02%
Non US Developed Equity	93,200,626	3.79%	-0.60%	15.08%	3.79%	-0.60%	-1.68%	7.78%	3.69%
Benchmark: MSCI EAFE (Net)		2.87%	-1.07%	12.80%	2.87%	-1.07%	-1.34%	6.48%	3.27%
Non US Emerging Markets Equity	30,758,330	1.83%	-5.11%	6.92%	1.83%	-5.11%	-2.06%	10.89%	6.57%
Benchmark: MSCI EMF (Net)		1.91%	-4.25%	5.89%	1.91%	-4.25%	-2.02%	5.97%	2.33%
Alternative Equity	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Benchmark: MSCI ACWI with USA Gross		2.15%	0.10%	16.71%	2.15%	0.10%	1.95%	10.07%	7.02%
Debt	242,087,374	0.35%	-0.84%	1.78%	0.35%	-0.84%	-5.22%	4.40%	5.49%
Debt Policy Benchmark (Barclays Global Agg)		-1.02%	0.71%	6.32%	-1.02%	0.71%	7.60%	1.59%	1.99%
Sovereign/Investment Grade Bonds	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Benchmark: Barclays Global Aggregate		-1.02%	0.71%	6.32%	-1.02%	0.71%	7.60%	1.59%	1.99%
Credit	198,417,930	0.41%	-0.08%	2.13%	0.41%	-0.08%	-3.28%	7.44%	7.14%
Benchmark: Barclays Global Aggregate		-1.02%	0.71%	6.32%	-1.02%	0.71%	7.60%	1.59%	1.99%
Emerging Markets Debt	43,669,443	0.09%	-4.22%	0.20%	0.09%	-4.22%	-11.98%	-3.31%	2.03%
Benchmark: JP Morgan EM Bond Index		-0.36%	1.34%	12.08%	-0.36%	1.34%	10.74%	3.84%	5.10%
Diversifying Assets	148,978,945	0.40%	0.59%	2.85%	0.40%	0.59%	1.01%	3.83%	1.26%
Benchmark: HFRXGL Index		0.45%	1.61%	5.90%	0.45%	1.61%	0.01%	2.16%	3.19%
Cash & Alpha Pool**	98,575,411	0.28%	1.13%	4.17%	0.28%	1.13%	4.17%	4.04%	3.63%
Cash Collateral	88,285,245	0.16%	0.54%	1.67%	0.16%	0.54%	2.36%	1.29%	0.80%
Collateral Held Elsewhere	3,590,969	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	n/a
Adjustments for Synthetic Exposure	(282,044,841)								
Alpha Pool	254,110,676	0.36%	1.42%	5.34%	0.36%	1.42%	5.06%	5.41%	4.46%
Benchmark: HFRI FOF Index		-0.42%	-0.90%	5.21%	-0.42%	-0.90%	0.01%	3.16%	1.95%
Cash	34,633,362	0.08%	0.51%	1.56%	0.08%	0.51%	2.12%	1.67%	-2.95%
Liquidating	7,910,211	1.69%	-4.37%	-1.46%	1.69%	-4.37%	-8.63%	27.33%	18.09%
Private Investments	366,443,670	-0.42%	-0.36%	2.89%	-0.42%	-0.36%	3.35%	7.17%	5.05%
Benchmark: Private Market Composite		1.66%	0.00%	4.82%	1.66%	1.66%	6.03%	11.89%	9.74%
Private Equity	154,768,761	-0.10%	-0.03%	3.79%	-0.10%	-0.03%	4.00%	5.76%	4.68%
Private Credit	118,448,100	-0.14%	-0.17%	2.52%	-0.14%	-0.17%	5.24%	7.61%	5.88%
Private Diversifying Assets	93,226,809	-1.27%	-1.13%	1.92%	-1.27%	-1.13%	0.28%	7.59%	4.10%

* Including Aegis

** Excluding Aegis

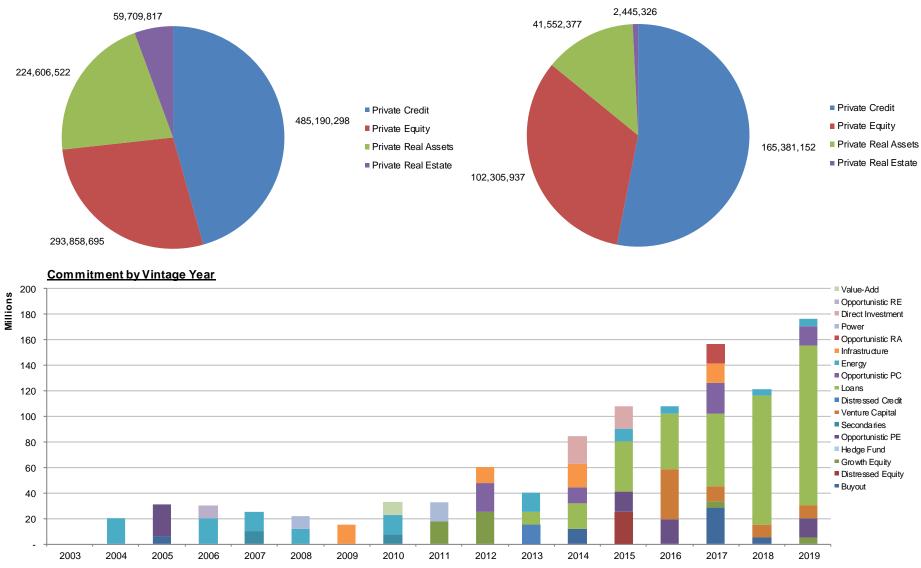
Private Benchmark, as of 7/1/2018, is defined as the trailing 5 year return of 70% MIMUAWON Index, 15% LF98TRUU Index, 15% LG 30TRUU Index, rolled quarterly, + 250bps p/a

ITIF: Appendix II – ITIF Sub-Asset Detail

Fund	Current Exposure	MTD Perf.	QTD Perf.	Calendar YTD	Fiscal YTD	Nacubo YTD	1 Year Perf.	3 Year Perf.	5 Year Perf.
TOTAL	802,091,417	0.46%	0.04%	7.20%	0.46%	0.04%	2.10%	3.71%	2.97%
Policy		0.69%	0.98%	8.34%	0.69%	0.98%	3.59%	4.47%	3.43%
Portfolio Hedge Contribution	5,927,214	-0.10%	-0.02%	n/a	-0.10%	-0.02%	n/a	n/a	n/a
Total Legacy Portfolio	61,524,770	-0.46%	0.20%	8.45%	-0.46%	0.20%	3.13%	4.06%	3.17%
Total Current Portfolio	740,566,647	0.53%	-0.03%	6.09%	0.53%	-0.03%	1.17%	n/a	n/a
Equity	200,287,939	1.86%	-0.08%	19.13%	1.86%	-0.08%	3.80%	10.37%	6.22%
Benchmark: MSCI ACWI with USA (Gross)		2.15%	0.10%	16.71%	2.15%	0.10%	1.95%	9.91%	6.77%
Legacy Equity	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Current Equity	200,287,939	1.86%	-0.08%	19.03%	1.86%	-0.08%	3.29%	n/a	n/a
Debt	190,641,122	0.31%	-0.55%	4.39%	0.31%	-0.55%	2.68%	1.76%	2.55%
Benchmark: Barclays Global Aggregate		-1.02%	0.71%	6.32%	-1.02%	0.71%	7.60%	2.95%	2.92%
Legacy Debt	27,737,438	0.07%	1.20%	9.94%	0.07%	1.20%	9.51%	3.96%	3.88%
Current Debt	162,903,684	0.35%	-0.84%	1.78%	0.35%	-0.84%	-5.22%	n/a	n/a
Diversifying Assets	195,167,542	0.29%	0.83%	4.68%	0.29%	0.83%	-0.6 1%	3.04%	1.85%
Benchmark: HFRXGL Index		0.45%	1.61%	5.90%	0.45%	1.61%	0.01%	5.09%	4.24%
Legacy Diversifying Assets	33,787,332	-0.89%	-0.42%	3.56%	-0.89%	-0.42%	n/a	n/a	n/a
Current Diversifying Assets	161,380,210	0.54%	1.07%	4.29%	0.54%	1.07%	n/a	n/a	n/a
Private Credit	162,144,179	-0.14%	-0.18%	2.54%	-0.14%	-0.18%	n/a	n/a	n/a
Private Market Composite		1.37%	1.37%	3.86%	1.37%	1.37%	n/a	n/a	n/a
Cash	47,923,420	0.05%	1.26%	2.16%	0.05%	1.26%	2.74%	n/a	n/a

Total Commitment

Appendix III - Private Markets Report (as of September 2019) - Total Commitment



Total Unfunded

TEXAS TECH UNIVERSITY SYSTEM

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Data provided by Texas Tech University System Reported valuations use latest available statements for September 2019

Adjusted Valuations include all cashfbws through September 2019

Appendix III - Private Markets Report (as of September 2019) - Performance Analysis by Asset Class & Strategy Type

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Performance by Asset Class

Asset	Class # of Funds	Commitment	Funded	Paid-In Capital	Distributions	% Drawn	Reported Valuation	Adjusted Valuation	IRR	ΤΥΡΙ
Priv ate Equity	26	\$293,858,695	\$191,552,758	\$200,422,514	\$78,096,575	68%	\$153,351,904	\$156,763,018	4.91%	1.17
Priv ate Credit	25	\$485,190,298	\$319,809,146	\$327,010,434	\$87,095,357	67%	\$262,148,147	\$284,933,020	7.41%	1.14
Private Real Assets	18	\$224,606,522	\$183,885,698	\$200,246,765	\$209,810,429	89%	\$60,895,815	\$60,744,796	13.48%	1.36
Private Real Estate	4	\$59,709,817	\$57,264,491	\$59,428,622	\$36,810,845	100%	\$34,023,167	\$32,561,984	3.45%	1.17
Total	73	\$1,063,365,332	\$752,512,093	\$787,108,335	\$411,813,206	74%	\$510,419,033	\$535,002,818	7.77%	1.21

Performance by Strategy Type

Asset Class	Strategy	# of Funds	Commitment	Funded	Paid-In Capital	Distributions	% Drawn	Reported Valuation	Adjusted Valuation	IRR	TVPI
Private Equity	Buy out	5	\$51,610,000	\$42,898,794	\$44,251,058	\$13,741,921	86%	\$38,023,888	\$37,420,639	6.53%	1.16
	Distressed Equity	1	\$25,000,000	\$8,887,492	\$9,524,992	\$1,162,372	38%	\$8,089,628	\$8,089,628	-1.60%	0.97
	Growth Equity	5	\$52,500,000	\$40,496,310	\$44,668,699	\$20,957,875	85%	\$35,084,806	\$35,905,155	7.43%	1.27
	Secondaries	5	\$75,047,195	\$46,456,320	\$47,089,970	\$25,241,947	63%	\$29,900,572	\$29,570,735	3.07%	1.16
	Venture Capital	2	\$17,500,000	\$16,405,508	\$17,259,760	\$15,508,595	99%	\$5,067,068	\$4,236,734	2.79%	1.14
	Total	8	\$72,201,500	\$36,408,334	\$37,628,035	\$1,483,865	52%	\$37,185,942	\$41,540,127	10.92%	1.14
	Distressed Credit	26	\$293,858,695	\$191,552,758	\$200,422,514	\$78,096,575	68%	\$153,351,904	\$156,763,018	4.91%	1.17
Private Credit	Loans	1	\$15,000,000	\$15,000,000	\$15,129,068	\$4,857,587	101%	\$9,827,116	\$9,827,116	-0.56%	0.97
	Opportunistic PC	18	\$395,672,251	\$251,951,863	\$257,964,719	\$47,279,422	65%	\$222,566,449	\$242,498,920	8.75%	1.12
	Total	6	\$74,518,047	\$52,857,283	\$53,916,647	\$34,958,348	72%	\$29,754,582	\$32,606,984	-34.18%	1.66
	Energy	25	\$485,190,298	\$319,809,146	\$327,010,434	\$87,095,357	67%	\$262,148,147	\$284,933,020	7.41%	1.14
	Inf rastructure	11	\$124,106,522	\$116,488,038	\$123,379,831	\$131,756,134	99%	\$31,406,757	\$31,693,394	13.40%	1.34
Private Real Assets	Power	4	\$60,500,000	\$42,401,101	\$50,880,625	\$59,124,204	84%	\$21,484,268	\$21,606,229	26.90%	1.59
	Opportunistic RA	2	\$25,000,000	\$21,959,059	\$22,922,879	\$16,762,892	92%	\$6,852,528	\$6,292,911	0.14%	1.01
	Total	1	\$15,000,000	\$3,037,500	\$3,063,430	\$2,167,199	20%	\$1,152,262	\$1,152,262	3.93%	1.08
Private Real Estate	Direct Investment	18	\$224,606,522	\$183,885,698	\$200,246,765	\$209,810,429	89%	\$60,895,815	\$60,744,796	13.48%	1.36
	Opportunistic RE	2	\$39,709,817	\$39,709,817	\$41,637,448	\$26,349,348	105%	\$26,124,730	\$24,750,276	6.64%	1.23
	Growth Equity	1	\$10,000,000	\$10,000,000	\$10,000,000	\$0	100%	\$3,428,453	\$3,428,453	-10.35%	0.34
	Total	1	\$10,000,000	\$7,554,674	\$7,791,174	\$10,461,497	78%	\$4,469,984	\$4,383,255	12.31%	1.91

Appendix IV - Glossary

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Major Asset Classes

Alpha Pool: Investments that tend to be uncorrelated with "traditional" stock and bond investments. Not technically an asset class, but rather an investment construct within a *portable alpha framework

Cash & Equivalents: Cash and short term investments held in lieu of cash and readily converted into cash within a short time span (i.e., CDs, commercial paper, Treasury bills, etc.)

Global Debt: Investments in debt instruments located in developed markets, may include various credit, mortgage-backed and emerging markets debt securities

Global Equity: Investments in companies domiciled in developed market countries and may include opportunistic investments in emerging market countries

Liquidating: The residual investment in terminated managers

Liquid Real Assets: Liquid investments in strategies whose values are sensitive to inflation

Private Equity: Investments in equity securities and debt in operating companies that are not publicly traded on a stock exchange

Private Real Assets: Investments in equity securities and debt in operating companies that are not publicly traded on a stock exchange and whose strategies are sensitive to inflation

Sub-Asset Classes

Alternative Equity: Investments in companies globally through both long and short positions and may include non-equity instruments such as fixed income, commodities, CDS, options, etc. Credit: Investments in companies, often stressed or distressed, principally through the debt portion of capital structure Emerging Market Debt: Investments in debt securities in emerging market countries, primarily in three categories - external sovereign, local sovereign, and corporate debt Emerging Market Equity: Investments in companies located in emerging market countries

Investment Grade Bonds: Investments in investment grade rated debt securities

Non-US Developed Equity: Investments in companies domiciled in developed market countries

US Equity: Investments in companies domiciled in the US