

Board of Trustees



Handout Book

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Louisiana State Employees' Retirement System

Performance Update

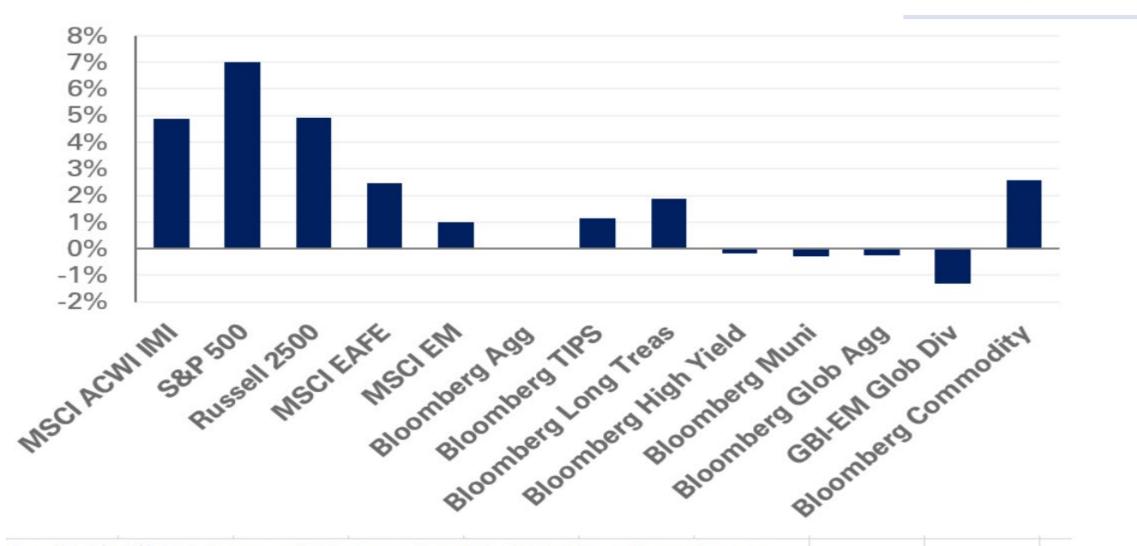
November 18, 2021

October Market Commentary



- October was a rewarding month for Equities thanks to strong earnings and falling interest rates
 - Growth and Large Cap stocks were the best performers
- Focus continues to be on inflation and Fed tapering expectations
 - Volatility continues

October Index Returns

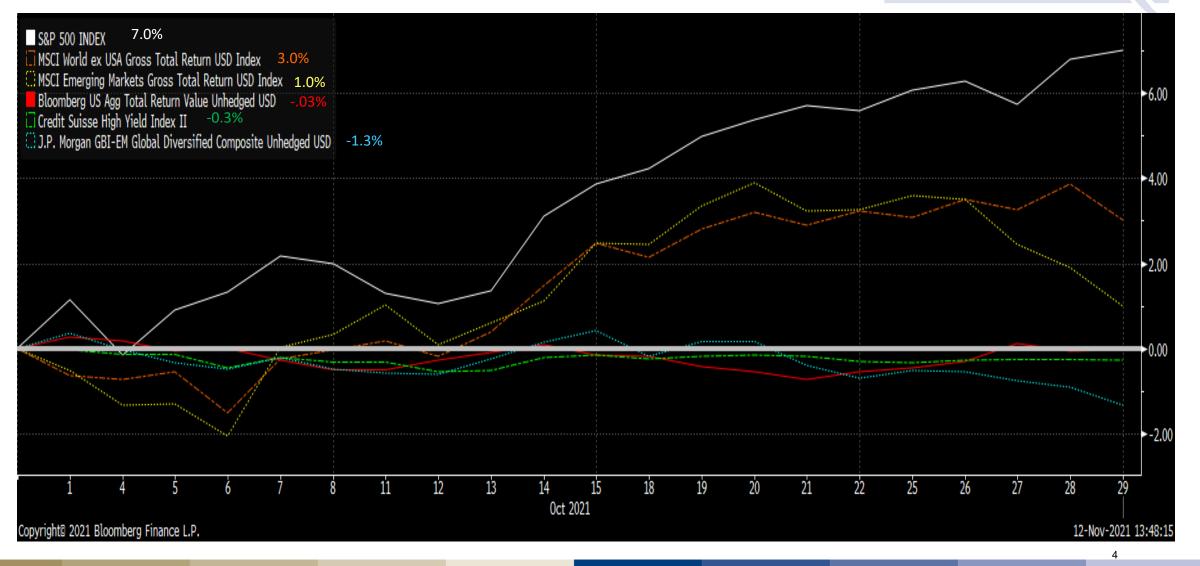


As of 10/31/2021, Source: S&P, Russell, MSCI, JPM, Bloomberg, Factset

October Performance

Total Plan Return 2.7%

LASERS



October Performance Summary

Equities

LASERS

LASERS Composite / Index	Oct	3 mos	Cal YTD	FYTD	1 yr	3 yrs	5 yrs	7 yrs	10 yrs
U.S. Large Cap Equity	7.2	5.4	23.8	8.0	42.2	19.8	17.8	13.7	15.7
S&P 500 Index	7.0	5.1	24.0	7.6	42.9	21.5	18.9	14.7	16.2
U.S. Mid Cap Equity	5.9	3.7	22.3	4.0	48.9	17.0	14.8	11.9	13.9
S&P 400 Index	5.9	3.7	22.3	4.0	48.9	17.1	14.9	11.9	13.9
U.S. Small Cap Equity	3.4	3.1	27.0	0.9	62.0	13.7	13.2	10.1	12.7
S&P 600 Index	3.4	2.9	24.2	0.5	58.9	14.8	15.4	12.2	14.5
LASERS U.S. Equity	6.4	4.8	24.3	6.2	46.9	17.4	15.9	12.3	14.5
Int'l Large Cap Equity	2.5	1.5	13.9	1.9	38.4	12.7	10.4	6.9	7.7
MSCI World Ex-USA	3.0	1.7	12.9	2.4	36.2	12.5	10.5	<i>6.9</i>	7.7
Int'l Small Cap Equity	0.9	-1.7	12.9	0.3	35.8	13.7	11.9	9.8	10.1
MSCI World Ex-USA Small Cap	2.0	1.3	13.3	2.8	37.7	14.4	11.9	<i>9.8</i>	<i>9.8</i>
Int'l Emerging Markets Equity	0.3	-0.1	5.9	-4.3	30.2	11.1	8.9	5.5	5.8
MSCI Emerging Markets	1.0	-0.4	0.0	-7.1	17.3	12.7	9.8	6.0	5.2
LASERS Non-U.S. Equity	1.4	0.2	10.7	-0.8	34.8	12.3	10.1	6.7	7.2

October Performance Summary

Fixed Income, Alternatives & Total Plan



LASERS Composite / Index	Oct	3 mos	Cal YTD	FYTD	1 yr	3 yrs	5 yrs	7 yrs	10 yrs
U.S. Investment Grade	-0.2	-0.9	-0.8	0.0	1.3	6.6	4.1	3.8	4.2
BB BC Barclay's Aggregate	0.0	-1.1	-1.6	0.0	-0.5	5.6	3.1	3.1	3.0
U.S. High Yield	0.1	0.8	7.5	1.1	15.3	7.6	6.9	6.1	7.8
Credit Suisse High Yield	-0.3	0.4	4.5	0.6	10.5	6.8	6.0	5.3	6.4
LASERS U.S. Fixed Income	-0.1	-0.2	3.0	0.5	7.6	7.0	5.5	5.0	6.4
Emerging Market Debt	-0.4	-0.9	-1.7	-0.7	5.6	5.6	2.5	0.4	n/a
J.P. Morgan GBI-EM Global Diversified	-1.3	-4.0	-7.6	-4.4	0.8	3.9	2.0	0.1	n/a
Global Multi-Sector	1.0	2.3	10.3	2.5	16.4	8.6	7.9	n/a	n/a
50/50 Barclay's Agg/CS HY	-0.3	-1.0	0.0	-0.3	4.5	5.8	4.3	n/a	n/a
Alternatives	0.9	4.6	30.0	4.7	39.8	15.0	12.8	9.9	9.4
LASERS Total Plan	2.7	2.9	18.1	3.2	34.0	13.2	11.4	8.6	9.4

Equity Indices – Historical Returns

As of October 31, 2021



	1 year	2 years	3 years	5 years	7 years	10 years
LASERS Total Plan	34.0	15.0	13.2	11.4	8.6	9.4
Index						
S&P 500	42.9	25.2	21.5	18.9	14.7	16.2
S&P 500 Value	40.9	14.4	14.4	13.0	10.3	13.1
S&P 500 Growth	45.0	34.3	27.3	23.8	18.4	18.8
S&P 400	48.9	21.3	17.1	14.9	11.9	13.9
S&P 600	58.9	21.1	14.8	15.4	12.2	14.5
S&P 600 Value	65.4	18.2	13.2	13.4	10.6	13.6
S&P 600 Growth	52.6	23.4	16.1	17.1	13.6	15.2
MSCI World Ex-USA	36.2	13.0	12.5	10.5	6.9	7.7
MSCI World Ex-USA Value	41.8	7.7	7.4	7.3	4.1	5.9
MSCI World Ex-USA Sm Cap	37.7	17.2	14.4	11.9	9.8	9.8
MSCI Emerging Mkts	17.3	12.9	12.7	9.8	6.0	5.2

Fixed Income Indices – Historical Returns

As of October 31, 2021



	1 year	2 years	3 years	5 years	7 years	10 years
LASERS Total Plan	34.0	15.0	13.2	11.4	8.6	9.4
Index						
BB Barclay's Agg	-0.5	2.8	5.6	3.1	3.1	3.0
Credit Suisse High Yield	10.5	6.3	6.8	6.0	5.3	6.4
JPM GBI-EM	0.8	-1.5	3.9	2.0	0.1	0.4

November MTD Performance Summary

0.3

As of Yesterday, November 17, 2021

LASERS Non-U.S. Equity

	Nov MTD		Nov MTD
U.S. Large Cap Equity	2.2	U.S. Investment Grade	-0.3
S&P 500 Index Nasdaq 100 Index	1.8 2.9	BB BC Barclay's Aggregate	-0.3
U.S. Mid Cap Equity	3.5	U.S. High Yield	1.3
S&P 400 Index	3.4	Credit Suisse High Yield	0.1
U.S. Small Cap Equity	5.1	LASERS U.S. Fixed Income	0.2
S&P 600 Index	4.9	Emerging Market Debt	-0.4
LASERS U.S. Equity	2.8	J.P. Morgan GBI-EM Global Diversified	-0.7
Int'l Large Cap Equity	0.6	Global Multi-Sector	-0.2
MSCI World Ex-USA	0.8	50/50 Barclay's Agg/CS HY	-0.2
Int'l Small Cap Equity	-0.8		
MSCI World Ex-USA Small Cap	0.0	Alternatives	0.5
Int'l Emerging Markets Equity	0.7		1 20/
MSCI Emerging Markets	1.8	LASERS Total Plan	1.2%





Louisiana State Employees' Retirement System

Economic Snapshot

Monetary Policy 3

MP3 created a lasting transformation



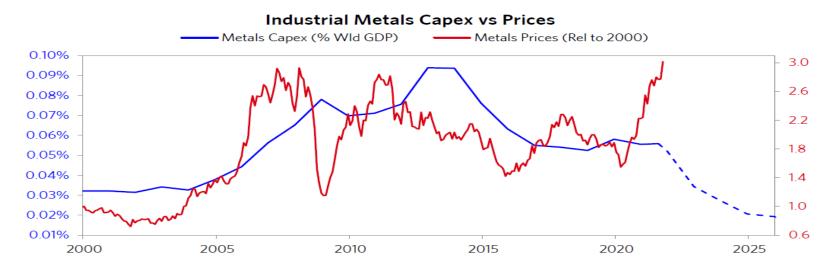
Governments transferred a massive amount of cash to households, more than offsetting lost income from COVID

This created a significant amount of wealth, pushing up the value of assets like equities, housing, and cryptocurrencies, and has been broad-based across the economy

Households are wealthy – flush with cash and ready to spend – setting the stage for a lasting, self-reinforcing surge in demand

However, there are not enough raw materials...

Significant underinvestment in capex spending over the past decade will make it hard to bring supply online. Some commodities, most notably U.S. shale, can ramp up quickly, but many can take up to 10 years to bring new capacity online, so shortages are likely to persist.



Demand Explosion

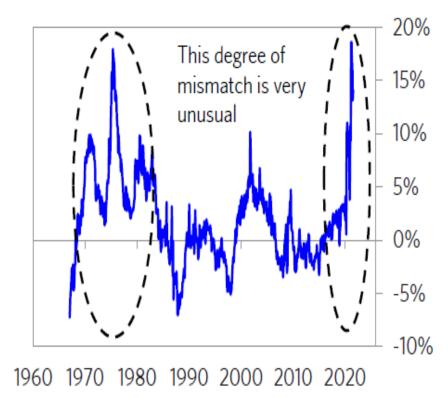
Supply can't keep up with demand – there are not enough raw materials, energy, productive capacity, inventories, housing, or workers



US Consumer Goods (Indexed to End of 2019)

 Nominal Demand —— Global Real Production of Goods for US Consumers. 25% 20% Zooming in on the dynamic since the beginning of COVID, you can see that 15% supply is well above pre-COVID trend, but demand has exploded 10% 5% 0% -5% -10% -15% -20% Jan-18 Jul-18 Jan-19 Jul-19 Jan-20 Jul-20 Jan-21 Jul-21

US Nominal Goods Demand Minus Real Goods Production (De-Trended LvI)

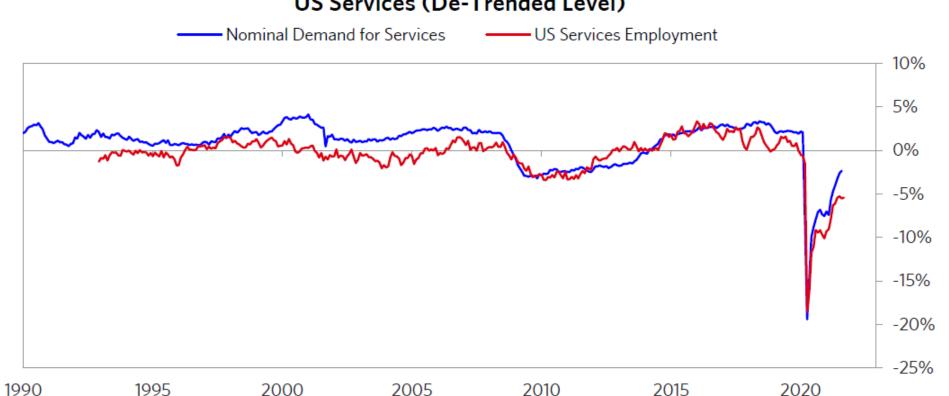


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Services Shortage

Demand for services is rapidly returning to pre-COVID levels and services employment is lagging, as employers are having trouble finding workers

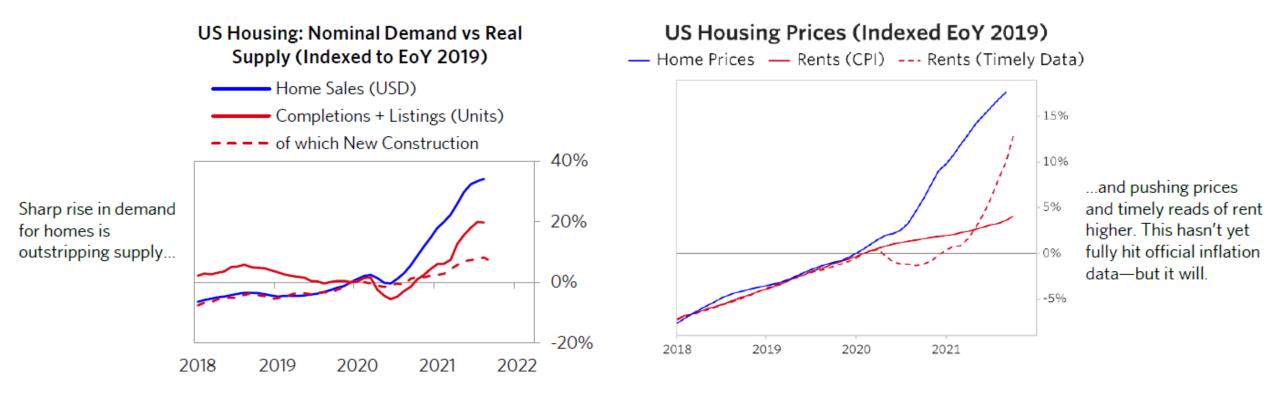




US Services (De-Trended Level)

Housing Supply & Demand

The mismatch between surging demand and supply that cannot adjust quickly enough is being resolved through rising prices and backlogs/delays



Materials Shortage & Increasing Cost

As builders try to ramp up supply to meet the elevated pace of demand, they are seeing broad-based shortages in inputs, pushing their costs higher

Prices for inputs have risen around 20% since last year, the steepest increase in the last 30 years

30% - 25% - 20% - 15% - 10% - 5% - 0% - -5% - 10% - 5% - 10%

Price of Materials for Residential Construction (Y/Y)

PPI: Inputs Excluding Labor, Capex, and Imports

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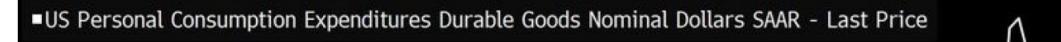
Worker Shortage



Avg Time for Home Completion Labor Productivity (Indexed to 2007) - # of Months (Single-Family) Businesses Overall - Residential Construction

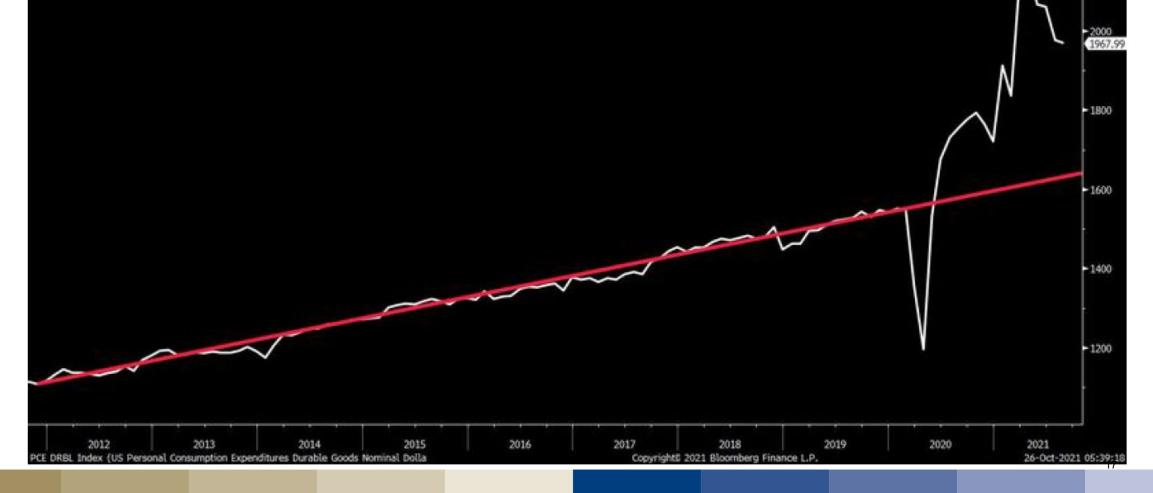
Goods Consumption

Goods consumption remains way above the pre-crisis trend; Americans have money to spend and they're spending it



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-2200



Employment

The labor market recovery has been extremely rapid compared to previous recessions



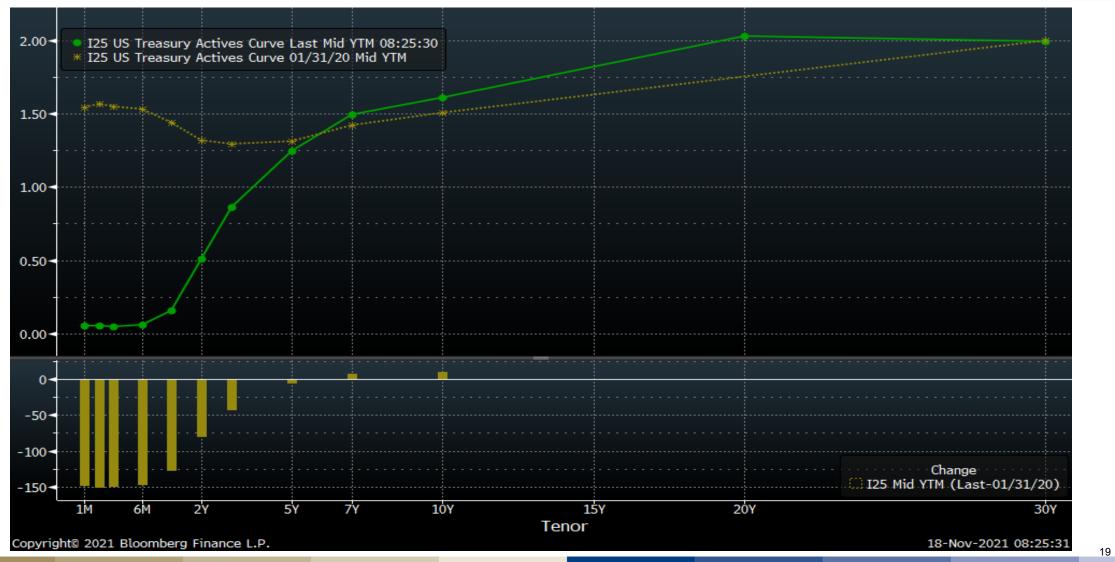
-2001 -2007 -2020 0.5% Percent Permanent Job Losses Relative to Peak Employment 0.0% -0.5% -1.0% -1.5% -2.0% -2.5% -3.0% -3.5% -4.0% 0 2 4

Percent Permanent Jobs Losses in 2001, 2007 and 2020 Recessions

Number of Months After peak Employment www.calculatedriskblog.com

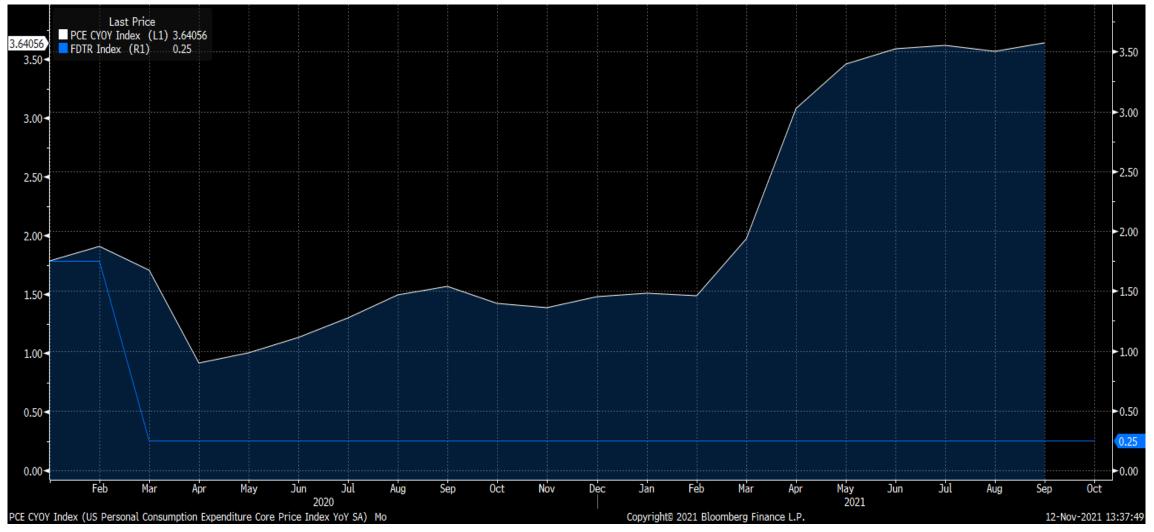
Pre-Pandemic to Current: Yield Curve

LASERS



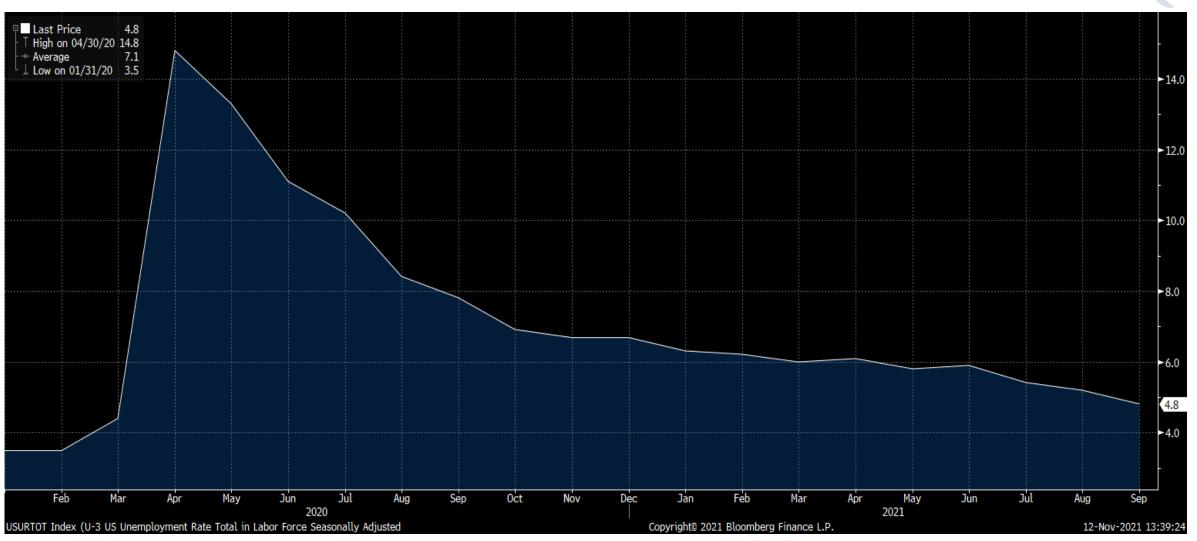
Pre-Pandemic to Current: U.S. Inflation - Core PCE & Fed Funds Rate





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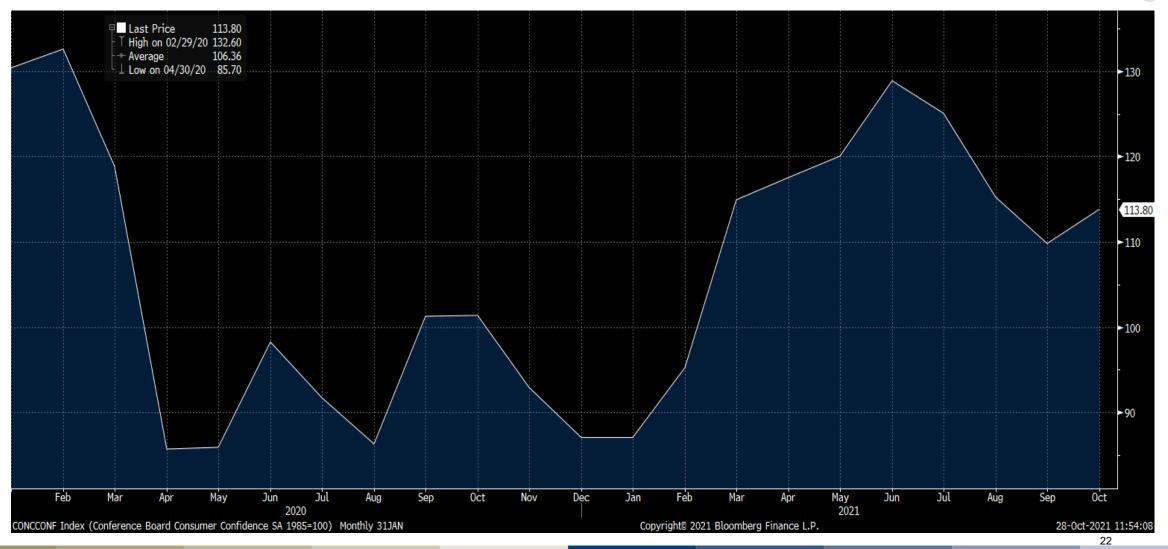
Pre-Pandemic to Current: Unemployment



²¹

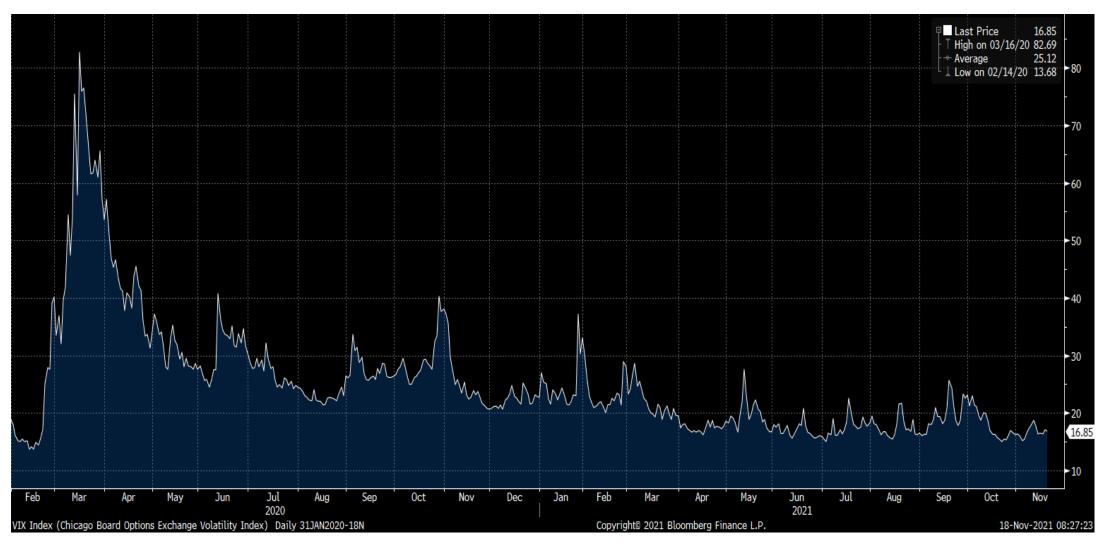
Pre-Pandemic to Current: Consumer Confidence





Pre-Pandemic to Current: Volatility

LASERS



	Contract	Approx.		urr. Mkt.		3		Fiscal	1	2	3	4	5	6
	Exp. Date	Mgt. Fees	V	alue (\$M)	Month	mos	YTD	YTD	Year	Years	Years	Years	Years	Years
U.S. EQUITY														
LARGE CAP INDEX FUNDS														
LASERS S&P 500 INDEX FUND		1.0 bps	\$	2,463.6	7.0	5.1	24.0	7.6	42.8	25.2	21.5	17.8	18.9	16.4
S&P 500 INDEX					7.0	5.1	24.0	7.6	42.9	25.2	21.5	17.8	18.9	16.4
LASERS NASDAQ 100 INDEX FUND		1.0 bps	\$	792.7	7.9	6.1	23.8	9.1						
NASDAQ 100 INDEX					7.9	6.1	23.7	9.1						
TOTAL DOMESTIC LARGE CAP		1.0 bps	\$	3,256.3	7.2	5.4	23.8	8.0	42.2	23.1	19.8	16.3	17.8	15.3
MID CAP INDEX FUNDS														
LASERS S&P 400 INDEX FUND		1.0 bps	\$	640.4	5.9	3.7	22.3	4.0	48.9	21.2	17.0	12.8	14.8	13.4
S&P MIDCAP 400 INDEX		•			5.9	3.7	22.3	4.0	48.9	21.3	17.1	12.8	14.9	13.4
TOTAL DOMESTIC MID CAP INDEX		1.0 bps	\$	640.4	5.9	3.7	22.3	4.0	48.9	21.2	17.0	12.8	14.8	13.4
SMALL CAP VALUE														
LSV	01/31/22	56.3 bps	\$	204.9	3.2	3.4	32.1	1.4	67.6	19.6	13.2	8.8	11.3	10.7
S&P 600 VALUE INDEX					2.8	3.2	28.9	-1.3	65.4	18.2	13.2	10.4	13.4	12.7
S&P SMALLCAP 600 INDEX					3.4	2.9	24.2	0.5	58.9	21.1	14.8	12.5	15.4	13.8
TOTAL SMALL VALUE		56.3 bps	\$	204.9	3.2	3.4	32.1	1.4	67.6	19.6	13.2	8.8	11.3	10.6
SMALL CAP INDEX FUNDS														
LASERS S&P 600 INDEX FUND		1.0 bps	\$	525.0	3.4	3.0	24.1	0.7	58.8	21.2	14.9	12.5	15.4	13.9
S&P SMALLCAP 600 INDEX					3.4	2.9	24.2	0.5	58.9	21.1	14.8	12.5	15.4	13.8
TOTAL DOMESTIC SMALL CAP		16.5 bps	\$	729.8	3.4	3.1	27.0	0.9	62.0	20.1	13.7	11.0	13.2	11.3
TOTAL U.S. EQUITY		3.5 bps	\$	4,626.6	6.4	4.8	24.3	6.2	46.9	21.6	17.4	14.1	15.9	13.7

	Contract Exp. Date	Approx. Mgt. Fees		urr. Mkt. alue (\$M)	Month	3 mos	YTD	Fiscal YTD	1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
NON-U.S. EQUITY														
MONDRIAN INVESTMENT PARTNERS	12/31/25	27.7 bps	\$	276.9	1.9	2.1	13.6	1.3	37.5	8.4	9.7	5.6	8.5	7.0
MSCI WORLD EX-USA VALUE INDEX	12/31/23	27.7 005	φ	270.9	2.3	1.8	14.3	1.3	41.8	7.7	7.4	3.6	7.3	5.8
MSCI WORLD EX-USA INDEX					3.0	1.7	12.9	2.4	36.2	13.0	12.5	7.5	10.5	8.4
TOTAL INT'L LARGE VALUE		27.7 bps	\$	276.9	1.9	2.1	13.6	1.3	37.5	8.4	9.7	5.6	8.5	7.0
LARGE CAP CORE														
LASERS MSCI WORLD EX-USA INDEX FUND		1.0 bps	\$	1,138.2	2.7	1.3	13.8	1.9	37.7	14.0	13.1	7.9	10.7	8.5
MSCI WORLD EX-USA INDEX		1.0 000	Ψ	1,100.2	3.0	1.7	12.9	2.4	36.2	13.0	12.5	7.5	10.5	8.4
TOTAL INT'L LARGE CORE		1.0 bps	\$	1,138.2	2.7	1.3	13.8	1.9	37.7	14.0	13.1	7.8	10.7	8.5
LASERS TERROR-FREE INT'L FUND		1.0 bps	\$	37.6	2.8	1.5	12.2	2.0	35.1	11.7	12.5	7.2	10.3	8.3
MSCI WORLD EX-USA INDEX		1.0 bps	Ψ	57.0	3.0	1.7	12.9	2.4	36.2	13.0	12.5	7.5	10.5	8.4
TOTAL INT'L LARGE CAP		6.1 bps	\$	1.452.6	2.5	1.5	13.9	1.9	38.4	13.3	12.7	7.6	10.4	8.3
INT'L SMALL CAP			·	,										
MONDRIAN INVESTMENT PARTNERS	01/31/26	69.3 bps	\$	290.2	0.5	-1.4	8.4	0.3	32.4	14.2	12.8	8.1	11.4	10.2
GOLDMAN SACHS	02/17/26	50.0 bps	\$	467.2	1.2	-2.0	16.0	0.3	38.0	17.6	14.4	8.6	12.3	
MSCI WORLD EX-USA SMALL CAP INDEX					2.0	1.3	13.3	2.8	37.7	17.2	14.4	8.5	11.9	10.6
TOTAL INT'L SMALL CAP		57.4 bps	\$	757.5	0.9	-1.7	12.9	0.3	35.8	16.3	13.7	8.4	11.9	11.2
EMERGING MARKETS														
CITY OF LONDON	08/31/24	88.0 bps	\$	483.5	1.5	0.2	2.7	-4.8	24.6	17.7	17.6	8.7	12.1	11.6
WESTWOOD GLOBAL EMERGING MKTS	OPEN	88.9 bps	\$	279.5	-0.4	-0.8	2.6	-4.3	28.9	9.8	8.2	4.5	8.0	9.2
LSV CUSTOM EMERGING MARKETS	08/22/23	50.0 bps	\$	355.8	-1.0	0.3	13.0	-2.9	39.2	10.4	9.9	4.3	8.1	8.1
MSCI EMERGING MARKETS INDEX					1.0	-0.4	0.0	-7.1	17.3	12.9	12.7	5.9	9.8	9.8
TOTAL EMERGING MARKETS (ACTIVE)		76.2 bps	\$	1,118.8	0.2	-0.1	5.8	-4.1	30.1	11.4	11.1	5.2	8.8	9.0
BLACKROCK EMG MARKETS INDEX	05/31/26	8.5 bps	\$	97.2	0.9	-0.6	n/a	-6 .7						
MSCI EM IM INDEX					0.9	-0.4	n/a	-6.4						
TOTAL EMERGING MARKETS (ALL)		70.7 bps	\$	1,215.9	0.3	-0.1	5.9	-4.3	30.2	11.4	11.1	5.2	8.9	9.0
TOTAL NON-U.S. EQUITY		40.4 bps	\$	3,426.0	1.4	0.2	10.7	-0.8	34.8	13.1	12.3	6.8	10.1	8.9

	Contract	Approx.		urr. Mkt.		3		Fiscal	1	2	3	4	5	6
	Exp. Date	Mgt. Fees	Va	alue (\$M)	Month	mos	YTD	YTD	Year	Years	Years	Years	Years	Years
US FIXED INCOME														
INVESTMENT GRADE														
LOOMIS SAYLES & CO	12/31/24	17.6 bps	\$	194.2	-0.2	-0.8	-0.9	0.0	1.7	5.2	7.1	5.1	4.6	5.1
ORLEANS CAPITAL MGT	12/31/24	12.0 bps	\$	138.2	-0.2	-1.1	-0.7	0.0	0.7	3.6	6.1	4.0	3.5	3.9
BB BC US AGGREGATE BOND INDEX					0.0	-1.1	-1.6	0.0	-0.5	2.8	5.6	3.7	3.1	3.3
TOTAL INVESTMENT GRADE		15.3 bps	\$	332.4	-0.2	-0.9	-0.8	0.0	1.3	4.4	6.6	4.5	4.1	4.5
HIGH YIELD														
NOMURA	06/30/22	45.0 bps	\$	157.0	0.0	0.6	7.6	1.0	16.5	8.5	7.3	6.1	7.0	7.9
CREDIT SUISSE HY INDEX		·			-0.3	0.4	4.5	0.6	10.5	6.3	6.8	5.3	6.0	6.7
TOTAL HIGH YIELD~		43.0 bps	\$	164.2	0.1	0.8	7.5	1.1	15.3	8.2	7.6	6.1	6.9	7.5
~includes JP Morgan assets being liquidated, 7.2m														
TOTAL U.S. FIXED INCOME		24.4 bps	\$	496.6	-0.1	-0.2	3.0	0.5	7.6	6.0	7.0	5.2	5.5	5.9
EMERGING MARKET DEBT (+)														
STONE HARBOR	10/02/22	52.5 bps	\$	183.7	-1.1	-3.8	-6.8	-4.2	2.4	-0.8	4.5	0.8	1.9	3.3
GRAMERCY*	OPEN	70.0 bps	\$	287.3	0.0	1.1	2.4	1.6	7.2	5.3				
J.P. MORGAN GBI-EM GLOBAL DIVERSIFIED I	NDEX				-1.3	-4.0	-7.6	-4.4	0.8	-1.5	3.9	1.2	2.0	3.4
TOTAL EMERGING MARKET DEBT (+)		63.2 bps	\$	471.1	-0.4	-0.9	-1.7	-0.7	5.6	2.0	5.6	1.6	2.5	3.9
GLOBAL MULTI-SECTOR (+)														
DOUBLELINE	05/05/26	60.0 bps	\$	253.8	0.2	1.1	7.5	1.6	12.0	6.7	6.6	5.8	6.3	
GOLDENTREE	05/01/26	60.0 bps	\$	312.3	0.4	2.1	11.8	2.4	20.5	12.5	10.2	9.2	9.2	
PIMCO*	OPEN	95.0 bps	\$	409.7	2.2	3.4	14.4	4.5	20.7	16.5	14.0			
BLACKSTONE*	OPEN	78.1 bps	\$	358.8	0.9	2.1	6.5	0.9	10.1	7.3				
ZAIS GROUP*	OPEN	62.5 bps	\$	120.6	0.3	2.3	10.9	3.1	21.0	-1.7				
ARROWMARK PARTNERS*	OPEN	0.0 bps	\$	67.0	1.0									
50/50 BB BARCLAYS GLOBAL AGG/CS HY IND	EX	·			-0.3	-1.0	0.0	-0.3	4.5	4.3	5.8	4.1	4.3	
TOTAL GLOBAL MULTI-SECTOR (+)		71.3 bps	\$	1,522.2	1.0	2.3	10.3	2.5	16.4	9.7	8.6	7.6	7.9	
		60.4 bps	\$	2.489.9	0.5	1.1	6.1	1.4	12.0	7.4	7.8	5.8	6.1	6.4

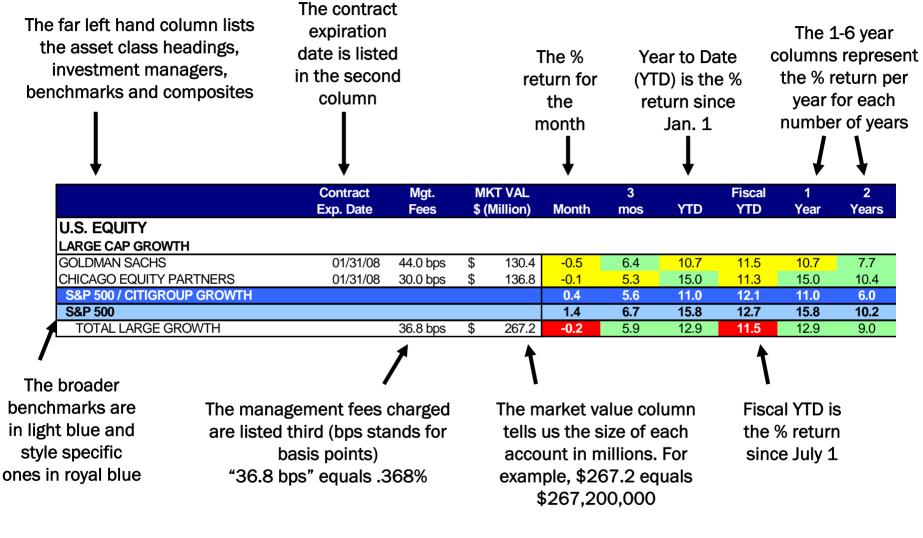
Contract Exp. Date	Approx. Mgt. Fees		urr. Mkt. alue (\$M)	Month	3 mos	YTD	Fiscal YTD	1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
ALTERNATIVE ASSETS*													
PRIVATE MARKETS* (for breakout see pages 5-6)													
TOTAL PRIVATE MARKETS*	95.7 bps	\$	2,897.4	1.0	5.3	35.9	5.7	46.2	24.0	19.9	19.8	18.8	16.3
	0011 000	Ť	2,00114		0.0	00.0	0.1		2410	10.0	1010	10.0	10.0
ABSOLUTE RETURN STRATEGIES*													
PRISMA CAPITAL PARTNERS	65.0 bps	\$	293.0	0.4	2.1	6.9	2.5	9.9	4.0	3.8	3.8	4.1	2.9
ENTRUST CAPITAL PARTNERS	103.8 bps	\$	253.3	0.3	0.1	5.8	-3.8	18.0	3.1	0.3	0.5	0.7	1.8
HFRI FUND OF FUNDS COMPOSITE INDEX				1.6	3.1	7.5	2.4	15.8	10.6	8.8	6.6	6.7	5.4
ABSOLUTE RETURN STRATEGIES*~	82.6 bps	\$	549.0	0.3	1.1	6.4	-0.6	14.1	3.2	1.7	2.3	2.4	2.1
~includes assets being liquidated: PAAMCO \$0.6m; Stark \$2.2r	n												
TOTAL ALTERNATIVE ASSETS*	93.6 bps	\$	3,446.4	0.9	4.6	30.0	4.7	39.8	18.1	15.0	13.5	12.8	11.2
HOLDING ACCOUNT EB TEMPORARY INVESTMENT FUND 10 DAY T-BILL INDEX FOTAL PLAN FINANCIAL COMPOSITE	9.0 bps	\$ \$	201.0 10,743.5	0.01 0.00 3.2	0.03 0.01 2.4	0.10 0.04 14.7	0.04 0.01 2.7	0.13 0.05 32.6	0.51 0.45 14.0	1.17 1.08 12.6	1.36 1.23 8.7	1.31 1.12 11.0	1.17 0.97 9.9
FINANCIAL ALLOCATION INDEX				3.3	2.0	12.1	2.1	29.1	14.6	13.3	9.1	11.5	10.3
FINANCIAL POLICY INDEX				3.2	1.8	11.6	2.0	29.5	14.8	13.6	9.4	11.7	10.5
TOTAL PLAN	44.3 bps	\$	14,190.0	2.7	2.9	18.1	3.2	34.0	15.0	13.2	9.9	11.4	10.1
TOTAL PLAN ALLOCATION INDEX				2.8	2.7	16.1	2.8	31.2	16.2	14.3	10.8	12.3	10.9
TOTAL PLAN POLICY INDEX				2.7	2.6	15.8	2.7	30.9	16.5	14.6	11.2	12.5	11.2
Cells highlighted in green represent performance above the benchmark. Cells highlighted in yellow represent manager performance below the benchma				–						7 Years	8 Years	9 Years	10 Years
Cells highlighted in red represent asset class performance below the benchma	rk.			LONG T	ERM RE	TURNS	FOR TOT	AL PLA	N	8.6	8.6	9.4	9.4
Royal blue lines represent specific benchmarks.													
ight blue lines represent broad benchmarks.													
Net of fee information is reported.													
(+) Composite is mixed, containing both gross-of-fee and net-of-fee po	rtfolios.												

	Vintage Year	Contract Exp. Date	Commit. Amount	Approx. Mgt. Fees		ırr. Mkt. Ilue (\$M)	Month	3 mos	YTD	Fiscal YTD	1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
PRIVATE MARKETS BREAKOUT	real	Exp. Date	Amount	Wigi. rees	۷d	ilue (\$WI)	MOILI	mos	שוז		real	rears	Tedis	Tears	Tears	Tedis
ADAMS STREET 2005 NON-US	2005	12/31/21 \$	15.0	0.0 bps	\$	2.1	0.0	6.2	13.1	6.2	17.0	3.6	0.8	3.8	5.6	3.8
ADAMS STREET PARTNERSHIP 2002 US	2002	12/31/21 \$	15.0	0.0 bps	\$	1.0	0.0	12.8	18.3	12.8	26.1	12.6	5.7	8.2	9.2	7.6
ADAMS STREET PARTNERSHIP 2005 US	2005	12/31/21 \$	35.0	0.0 bps	\$	6.0	0.0	7.8	40.1	7.8	54.8	26.3	22.1	19.7	17.9	14.6
ADAMS STREET 2007 US FUND	2007	12/31/21 \$	27.5	15.0 bps	\$	9.9	0.0	9.3	63.0	9.3	80.0	36.8	31.6	28.2	24.6	21.6
ADAMS STREET 2007 NON-US	2007	12/31/21 \$	17.5	15.0 bps	\$	7.7	0.0	10.7	37.7	10.7	53.0	25.2	19.0	18.6	17.7	15.1
ADAMS STREET 2007 DIRECT	2007	12/31/21 \$	5.0	20.0 bps	\$	2.4	0.0	0.3	29.0	0.3	24.9	24.8	25.2	28.1	23.4	19.7
ADAMS STREET 2009 US FUND	2009	12/31/21 \$	25.0	33.0 bps	\$	20.8	0.0	14.8	65.9	14.8	109.7	50.9	39.1	33.7	28.6	24.6
ADAMS STREET 2009 NON-US DEV	2009	12/31/21 \$	15.0	33.0 bps	\$	10.8	0.0	11.9	45.6	11.9	62.6	33.1	27.7	26.4	25.4	22.4
ADAMS STREET 2009 NON-US EMG	2009	12/31/21 \$	5.0	33.0 bps	\$	5.5	0.0	9.7	33.2	9.7	46.6	22.7	16.4	16.2	15.4	13.2
ADAMS STREET 2009 DIRECT	2009	12/31/21 \$	5.0	60.0 bps	\$	3.0	0.0	-7.5	27.9	-7.5	26.9	16.9	11.1	15.4	13.3	11.5
AEA INVESTORS FUND VI	2015	05/31/25 \$	50.0	150.0 bps	\$	45.1	0.0	0.0	45.8	0.0	45.8	28.1	22.4	19.0	17.2	
AEA INVESTORS FUND VII	2018	02/08/30 \$	100.0	175.0 bps	\$	51.5	-0.8	-0.8	14.5	-0.8	14.5	16.0				
ALTAS PARTNERS HOLDING II	2019	06/30/29 \$	100.0	100.0 bps	\$	72.7	0.0	-5.4	20.6	-5.4	30.0	9.3				
BARING PE ASIA FUND VII	2018	08/08/28 \$	100.0	175.0 bps	\$	90.0	0.0	-0.6	51.1	-0.6	51.1	46.8				
BCP ENERGY SERVICES FUND A	2015	09/23/25 \$	50.0	200.0 bps	\$	45.7	0.0	-4.5	10.9	-4.5	20.7	11.6	9.7	17.0	18.3	14.7
BCP FUND II A	2017	12/31/27 \$	75.0	200.0 bps	\$	26.1	-3.5	4.9	100.6	4.9	75.2	-33.9				
BCP INFRASTRUCTURE FUND A	2020	03/25/32 \$	75.0	150.0 bps	\$	7.0	0.0	0.0	8.7	0.0						
BRINSON (ø)	'97-'03	termed out \$	202.8	0.0 bps	\$	3.6	0.0	4.7	6.8	4.7	9.3	3.8	2.1	4.1	4.0	2.9
BROOKFIELD CAPITAL IV	2015	05/31/25 \$	50.0	150.0 bps	\$	51.4	0.0	2.6	23.7	2.6	67.1	28.2	31.8	59.0	50.6	
BROOKFIELD INFRASTRUCTURE IV-B	2020	02/07/32 \$	100.0	140.0 bps	\$	49.5	0.0	2.2	12.3	2.2	23.6					
BROOKFIELD CAPITAL V	2019	10/24/29 \$	100.0	150.0 bps	\$	71.8	0.0	14.4	38.1	14.4	48.9	26.8				
ADAMS STREET V	2003	08/08/21 \$	15.0	0.0 bps	\$	0.4	0.0	-0.4	43.5	-0.4	57.1	-15.8	-7.5	-3.9	-4.6	-4.9
APOLLO INV FUND VII	2008	12/17/22 \$	60.0	0.0 bps	\$	1.6	100.9	100.9	481.4	100.9	481.4	118.9	51.6	37.8	31.2	23.9
APOLLO INV FUND VIII	2013	06/30/23 \$	70.0	75.0 bps	\$	43.8	0.6	0.5	35.2	0.5	35.1	16.3	12.0	11.7	13.9	14.6
APOLLO EUROPEAN FUND II	2011	12/31/21 \$	100.0	150.0 bps	\$	9.0	0.3	-3.5	-4.2	-3.5	-4.5	-8.4	-8.1	-4.0	-0.4	1.5
APOLLO INV FUND IX	2017	06/01/27 \$	85.0	150.0 bps	\$	54.4	6.1	6.1	65.8	6.1	65.8	39.0				
ARCLIGHT ENERGY FUND VI	2015	07/28/25 \$	75.0	150.0 bps	\$	46.3	0.0	-4.2	-2.4	-4.2	-4.2	-16.1	-8.2	-1.5	-0.1	1.9
CCMP CAPITAL III	2013	12/31/23 \$	60.0	100.0 bps	\$	64.4	0.0	0.0	96.0	0.0	96.0	49.5	32.1	25.8	22.4	22.4
CERBERUS VI	2016	08/31/26 \$	125.0	150.0 bps	\$	146.0	0.0	0.0	21.1	0.0	21.1	17.2	14.0	6.6	11.9	
COLLER INTERNATIONAL PTNRS VI	2012	06/15/22 \$	100.0	65.6 bps	\$	24.5	0.0	10.2	43.5	10.2	62.0	20.3	19.8	20.2	20.2	17.6
COLLER INTERNATIONAL PTNRS VII	2015	12/31/25 \$	75.0	100.0 bps	\$	52.7	0.0	11.5	36.7	11.5	46.7	20.1	16.7	19.3	33.9	
COLLER INTERNATIONAL PTNRS VIII	2018	01/31/30 \$	100.0	150.0 bps	\$	40.2	0.0	23.2	83.2	23.2	106.8					
DOUBLELINE MORTGAGE OPP FUND	2018	10/31/21 \$	125.0	100.0 bps	\$	78.7	0.0	-0.7	17.9	-0.7	18.8	7.9	8.8			
EIG ENERGY FUND XIV	2007	11/07/21 \$	50.0	0.0 bps	\$	2.3	2.2	2.1	2.9	2.1	2.1	-27.6	-28.6	-16.6	-9.8	-22.7
EIG ENERGY FUND XV	2010	06/06/22 \$	40.0	125.0 bps	\$	7.2	5.7	6.4	20.7	6.4	20.8	-5.5	-7.4	-4.9	-1.3	-1.9
EIG ENERGY FUND XVI	2013	05/13/23 \$	70.0	125.0 bps	\$	41.9	6.3	4.3	10.7	4.3	13.0	2.1	2.6	5.3	9.4	12.8
ENERGY SPECTRUM FUND VI	2010	11/01/21 \$	40.0	175.0 bps	\$	8.4	0.0	0.0	-1.4	0.0	1.5	-8.9	16.3	18.4	23.7	18.2
GTCR FUND XI	2014	05/21/23 \$	50.0	114.8 bps	\$	106.9	0.0	-0.2	167.4	-0.2	441.8	151.3	113.2	89.8	76.0	62.0
GTCR FUND XII	2017	09/14/27 \$	60.0	150.0 bps	\$	67.4	-0.3	1.2	39.5	0.9	64.5	41.0	28.9			
GTCR FUND XIII	2020	11/01/30 \$	75.0	150.0 bps	\$	9.1	-1.5	-3.9	n/a	8.2						
GAMUT FUND I	2016	07/28/26 \$	50.0	200.0 bps	\$	44.0	-0.1	4.3	26.3	4.1	40.3	18.2	20.9	15.4		
GLENDOWER SOF V	2021	06/30/31 \$	100.0	115.0 bps	\$	3.1	0.0	0.4	n/a	0.4						
GOLDMAN SACHS PEP IX	2007	12/31/21 \$	100.0	6.0 bps	\$	17.3	0.0	8.0	31.1	8.0	31.0	11.0	9.1	11.5	13.6	12.2
GOLDENTREE DISTRESSED FUND III	2018	01/31/23 \$	75.0	125.0 bps	\$	72.8	9.2	9.2	53.7	9.2	53.7	30.8	21.1			

HIPEP PARTNERSHP III 1997 12/31/21 \$ 0.0 0.0 bps \$ 0.1 0.0 0.7 0.6 -3.4 -4.5 -4.9 -2.7 HARBOURVEST VI - DIRECT 1999 termed out \$ 150 0.0 bps \$ 0.8 0.0 1.1 -20.5 1.1 -13.6 -35.4 -17.2 -17.6 -17.0 HARBOURVEST VI - PTINR 1999 termed out \$ 150.0 0.0 bps \$ 0.2 0.0 12.9 12.9 10.0 6.6 4.4 3.1 6.3 4.4 3.1 6.3 4.4 3.1 6.3 4.4 3.1 6.3 4.4 3.1 6.3 4.4 3.1 6.3 4.4 3.1 6.3 4.4 3.1 6.3 1.00 10.0 10.0 10.0 10.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0<		Vintage Year	Contract Exp. Date		nmit. ount	Approx. Mgt. Fees	urr. Mkt. alue (\$M)	Month	3 mos	YTD	Fiscal YTD	1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
NABBOURVEST VI - PTNR 1999 termedout \$ 100 0.0 pps \$ 0.0 0.0 -18.7 -12.4 -18.7 -27.5 -21.6 -15.2 -11.7 -7.6 HIPEP DIRECT IV 2000 12/31/21 \$ 10.0 0.0 pps \$ 0.2 0.0 -0.3 -0.7 -0.3 0.4 -13.1 -2.3 -2.9 2.6 INSIGHT VENTURE PARTNERS X 2001 10/15/21 \$ 32.5 0.00 17.5 0 bps \$ 11.3 0.0 0.0 0.3 12.4 17.4 -7.6 INSIGHT VENTURE PARTNERS XI 2021 09/30/1 \$ 10.00 17.5 0 bps \$ 2.8 10.3 0.0 0.4 0.4 7.2 2.40 7.2.7 7.85 4.6 -7.5 2.9 2.0 7.2.7 3.55 4.6 -7.5 2.5 10.0 10.0 15.0 bps \$ 1.0 4.4 0.4 0.4 0.4 1.2 1.0 2.9 7.8 3.8 1.6 10.9 1.8 3.0 3.2 1.0 1.1 1.2 1.0	HIPEP PARTNERSHIP III																-2.5
HIPED DIRECT IV 2000 12/31/21 \$ 10.0 0.0 ps \$ 0.2 0.0 -0.3 -0.7 -0.3 0.4 -1.31 -2.34 -2.9 2.8 HUFF ALTENNATIVE FUND 2001 10/11/21 \$ 3.25 0.0 bps \$ 4.2 0.0 0.3 -0.7 -0.3 0.4 -1.31 -2.3 4.54 NSIGHT VENTURE PARTNERS XI 2020 0.03/10.0 \$ 10.00 17.50 bps \$ 3.18 0.0 0.6 0.3 1.24 7.24 7.3 8.5 40.6 NISIGHT VENTURE PARTNERS XII 2020 0.03/10.0 150.0 bps \$ 7.1 24.0 7.2 24.0 7.2 3.6 4.7 7.8 4.7 KRR ASIAN PUND IV 2009 10/04/29 2.00 125.0 bps \$ 1.20 0.4 4.4 4.7 7 4.31 4.3.1 4.3.9 4.9.9 2.3.0 5.5 5.0 0.0 15.2 5.5	HARBOURVEST VI - DIRECT	1999	termed out	\$	25.0	0.0 bps	\$ 0.8	0.0	1.1	-20.5	1.1	-13.6	-35.4	-17.2	-17.6	-17.0	-18.1
HUFE ALTERNATIVE FUND 2001 10/15/21 \$ 325 0.0 bps \$ 4.2 0.0 12.9 12.9 13.0 6.6 4.4 3.1 6.3 NSIGHT VENTURE PARTNERS X 2017 071/4/27 \$ 50.0 175.0 bps \$ 118.8 0.0 0.0 60.3 12.4 115.8 63.2 45.4 NISIGHT VENTURE PARTNERS XI 2020 03/31/30 \$ 100.0 175.0 bps \$ 21.2 12.4 12.4 72.9 24.0 72.7 38.5 40.6 KRR ASIAN FUND II 2007 0473/01 \$ 100.0 150.0 bps \$ 1.45 0.0 -0.4 n/a -0.4 12.4	HARBOURVEST VI - PTNR	1999	termed out	\$	150.0	0.0 bps	\$ 0.5	0.0	-18.7	-12.4	-18.7	-27.5	-21.6	-15.2	-11.7	-7.6	-6.5
NSIGHT VENTURE PARTNERS X 2017 07/14/27 \$ 50.0 175.0 bps \$ 113.8 0.0 21.8 67.3 21.8 115.8 63.2 45.4 NSIGHT VENTURE PARTNERS XI 2020 093/13/0 \$ 100.0 175.0 bps \$ 23.0 0.0 0.0 0.0 0.0 12.4 79.4 VENTURE PARTNERS XI 2021 093/13/8 \$ 100.0 175.0 bps \$ 23.0 0.0 VENTURE PARTNERS XI 2021 093/13/8 \$ 0.0 150.0 bps \$ 7.2 24.0 7.2 24.0 7.2 24.0 7.2 24.0 7.2 8.5 0.0 VENTURE PARTNERS XI 0.0 13.4 4.7 VENTURE PARTNERS XI 0.0 11.0 0.0 0.4 0.4 0.4 0.4 1.4 1.5 WENTURE PARTNERS XI 0.0 10.0 0.0 0.3 1.5 0.0 1.3 1.2 1.5 0.0 1.6 1.0 1.6 1.8 9.8 1.4 1.6 1.6 1.9 1.8 1.8 1.6 1.6 1.6 1.6	HIPEP DIRECT IV	2000	12/31/21	\$	10.0	0.0 bps	\$ 0.2	0.0	-0.3	-0.7	-0.3	0.4	-13.1	-23.4	-2.9	2.6	1.5
NSIGHT VENTURE PARTNERS XI 2020 03/31/30 \$ 100.0 175.0 bps \$ 113.0 0.0 60.3 12.4 79.4 INSIGHT VENTURE PARTNERS XII 2021 09/30/1 \$ 100.0 175.0 bps \$ 26.3 0. KKR ASIAN FUND II 2010 05/31/28 \$ 50.0 125.0 bps \$ 72.1 24.1 24.0 72.9 24.0 72.7 38.5 40.6 KKR ASIAN FUND II 2020 04/30/31 \$ 100.0 150.0 bps \$ 14.5 0.0 -0.4 r/a -0.4 KKR SPS PECIAL SITUATIONS MID-CAP FUND 2019 10/04/29 \$ 20.0 125.0 bps \$ 2.1 0.0 15.2 53.6 15.2 76.1 38.5 29.4 24.9 23.3 KPS SPECIAL SITUATIONS FUND V 2019 10/04/29 \$ 50.0 125.0 bps \$ 17.0 0.4 0.4 0.4 0.4 12.1 MESIROW II 2006 04/06022 \$ 23.0 29.2 bps \$ 2.1 0.0 15.2 53.6 15.2 76.1 38.5 29.4 24.9 23.3 MESIROW V 2008 111/05/21 \$ 60.0 37.2 bps \$ 54.7 0.0 19.2 71.1 19.2 90.6 45.4 35.9 31.4 29.6 NEWSTON KEZZANINE II 2010 030/502 \$ 40.0 100.0 bps \$ 5.0 0 0.3 2.2 710 32.7 79 9 0.12.0 17.7 11.5 OHA STRATEGIC CREDIT FUND II 2017 07/14/27 \$ 50.0 138.0 bps \$ 42.6 2.6 2.2 26.0 2.2 36.6 11.6 9.8 14.9 OAKTMEE EUROPE AN FUND III 2011 03/31/22 \$ 45.1 175.0 bps \$ 26.5 4.2 4.5 4.5 4.1 1.1 4.2 4.10.1 2.4 6.0 PANTHEON VI 2004 171/2/1 \$ 50.0 0.0 bps \$ 14.0 0.51 6.1 5.1 5.4 4.24 34.9 30.1 29.5 PANTHEON VI 2004 071/22/2 \$ 50.0 0.0 bps \$ 14.2 0.1 10.5 40.2 10.5 40.2 44.4 34.9 30.1 29.5 PANTHEON VI 2004 071/22/1 \$ 50.0 0.0 bps \$ 11.2 0.1 13.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PANTHEON VI 2004 071/22/1 \$ 50.0 0.0 bps \$ 11.2 0.1 13.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PANTHEON VI 2010 12/15/22 \$ 50.9 4.4 34.9 bps \$ 11.2 0.1 13.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PANTHEON VI 2010 12/15/22 \$ 50.9 0.0 bps \$ 11.2 0.1 3.7 74.3 13.7 106.8 44.5 35.6 3.3.7 30.1 PRIVATE ADVISORS V 2012 12/15/22 \$ 50.0 0.0 bps \$ 11.2 0.1 3.7 74.3 13.7 106.8 44.5 35.6 3.3.7 30.1 PRIVATE ADVISORS V 2012 12/15/22 \$ 50.0 0.0 bps \$ 11.2 0.1 3.7 74.3 13.7 106.8 44.5 35.6 3.3.7 30.1 PRIVATE ADVISORS V 2012 12/15/22 \$ 20.9 10.0 bps \$ 31.0 0 13.0 7.4 60.2 7.4 7.5 40.4 2.5 3.6 11.3 1.9. 12.4 1.5 1.4 1.4 1.2 1.9 19.4 SIGULER GUFF PLUCAN EGM 2016 12/01/21 \$ 50.0 0.0 bps \$ 19.1 0.0 13.7 74.3 13.7 106.8 44.5 35.6 3.3.7 30.1 PRIVATE ADVISORS V 2012 06/30/25	HUFF ALTERNATIVE FUND	2001	10/15/21	\$	32.5	0.0 bps	\$ 4.2	0.0	12.9	12.9	12.9	13.0	6.6	4.4	3.1	6.3	4.7
NSIGHT VENTURE PARTNERS XII 2021 09/30/31 \$ 100.0 175.0 bps \$ 26.3 0.0 KRR ASIAN FUND II 2017 05/31/28 \$ 50.0 125.0 bps \$ 72.1 24.1 24.0 72.7 38.5 40.6 KRR ASIAN FUND IV 2020 04/30/31 \$ 100.0 150.0 bps \$ 14.5 0.0 -0.4 n/a -0.4 KRR ASIAN FUND IV 2019 10/04/29 \$ 50.0 125.0 bps \$ 8.2 0.0 5.6 29.3 5.6 39.6 16.6 10.9 10.8 8.9 MESIROW IV 2006 11/21/21 \$ 60.0 30.1 bps \$ 21.2 0.0 15.2 53.6 15.2 7.6 1.8.5 29.4 24.9 23.3 NESIROW IV 2006 11/21/21 \$ 60.0 30.1 bps \$ 2.1 0.0 15.2 53.6 15.2 7.6 3.8 4.4 3.9 11.2 7.1 1.5 NEWSTONE MEZZANINE II 2010 03/05/22 \$ 40.0 103.0 bps \$ 1.6 1.6	INSIGHT VENTURE PARTNERS X	2017	07/14/27	\$	50.0	175.0 bps	\$ 119.8	0.0	21.8	67.3	21.8	115.8	63.2	45.4			
KKR ASIAN FUND II 2017 05/31/28 \$ 50.0 125.0 bps \$ 7.2.1 24.1 24.0 7.2.7 38.5 40.6 KKR ASIAN FUND IV 2020 04/30/31 \$ 10.0 150.0 bps \$ 14.5 0.0 -0.4 n/a -0.4 KKR ASIAN FUND IV 2019 10/04/29 \$ 20.0 152.0 bps \$ 2.0 0.4 <	INSIGHT VENTURE PARTNERS XI	2020	03/31/30	\$	100.0	175.0 bps	\$ 113.3	0.0	0.0	60.3	12.4	79.4					
KKR ASIAN FUND IV 2020 04/30/31 \$ 100.0 150.0 bps \$ 14.5 0.0 -0.4 n/a -0.4 KPS SPECIAL SITUATIONS MID-CAP FUND 2019 100/04/29 \$ 20.0 125.0 bps \$ 8.2 0.0 3.1 13.2 3.0 13.4 4.7 KPS SPECIAL SITUATIONS FUND V 2019 100/04/29 \$ 0.0 15.2 53.6 15.2 76.1 38.5 29.4 24.9 23.3 MESIROW IV 2006 11/21/21 \$ 60.0 37.2 bps \$ 54.7 0.0 15.2 53.6 15.2 76.1 38.5 29.4 24.9 23.3 MESIROW IV 2006 11/21/21 \$ 60.0 37.2 bps \$ 54.7 0.0 15.2 53.6 16.6 10.8 8.9 NEWSTONE MEZZANINE II 2010 03/05/22 \$ 40.0 130.0 bps \$ 24.5 2.6 2.2 26.0 6.16 8.8 14.9 9.1 2.0 1.0 1.0 5.1 6.1 1.1 1.2 <td>INSIGHT VENTURE PARTNERS XII</td> <td>2021</td> <td>09/30/31</td> <td>\$</td> <td>100.0</td> <td>175.0 bps</td> <td>\$ 26.3</td> <td>0.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	INSIGHT VENTURE PARTNERS XII	2021	09/30/31	\$	100.0	175.0 bps	\$ 26.3	0.0									
KPS SPECIAL SITUATIONS MID-CAP FUND 2019 10/04/29 \$ 20.0 125.0 bps \$ 8.2 0.0 3.1 13.2 3.0 13.4 4.7 KPS SPECIAL SITUATIONS FUND V 2019 10/04/29 \$ 50.0 125.0 bps \$ 17.0 0.4 0.4 0.4 0.4 12.1 MESIROW IV 2006 11/21/21 \$ 60.0 30.1 bps \$ 21.2 0.0 15.2 53.6 15.2 7.61 38.5 29.4 24.9 23.3 MESIROW IV 2006 11/21/21 \$ 60.0 30.1 bps \$ 5.7 0.0 12.2 7.1 11.9 9.0 45.4 35.9 31.4 29.6 NEWSTONE MEZZANINE II 2010 03/05/25 \$ 4.10 10.0 <	KKR ASIAN FUND III	2017	05/31/28	\$	50.0	125.0 bps	\$ 72.1	24.1	24.0	72.9	24.0	72.7	38.5	40.6			
KPS SPECIAL SITUATIONS FUND V 2019 10/04/29 \$ 50.0 125.0 bps \$ 17.0 0.4 0.4 0.4 0.4 12.1 MESIROW III 2005 04/06/22 \$ 23.0 29.2 bps \$ 23.00 156.5 39.6 16.6 10.9 10.8 89.9 MESIROW V 2006 111/05/21 \$ 60.0 30.1 bps \$ 21.2 0.0 152.5 56.3 152.7 76.1 38.5 29.4 24.4 9.4 23.6 NEWSTONE MEZZANINE II 2010 03/05/22 \$ 40.0 100.0 bps \$ 5.0 0.0 32.7 7.9 9.0 12.0 12.7 11.5 OHA STRATEGIC CREDIT FUND II 2011 07/14/27 \$ 50.0 138.0 bps \$ 26.5 2.3 4.5 -5.8 4.5 -1.1 -1.2 -1.1 2.4 6.0 PANTHEON VI 2004 07/12/11 \$ 50.0 0.0 bps \$ 14.0 0.0 10.1 36.9 10.1 54.1 -12.8 -7.2	KKR ASIAN FUND IV	2020	04/30/31	\$	100.0	150.0 bps	\$ 14.5	0.0	-0.4	n/a	-0.4						
MESIROW III 2005 04/06/22 \$ 2.3 0.0 5.6 29.3 5.6 39.6 16.6 10.9 10.8 8.9 MESIROW IV 2006 11/21/21 \$ 60.0 37.2 bps \$ 5.6 10.5 75.6 38.5 29.4 24.9 23.3 NESIROW V 2008 11/05/21 \$ 60.0 37.2 bps \$ 54.7 0.0 19.2 7.0 3.2 7.9 9.0 12.0 12.7 11.5 OHA STRATEGIC CREDIT FUND II 2010 03/05/22 \$ 40.0 100.0 bps \$ 5.0 0.0 3.2 7.0 3.2 7.9 9.0 12.0 12.7 11.5 OAKTREE EUROPEAN FUND III 2011 03/05/22 \$ 40.1 10.5 82.6 5.8 4.5 1.1 2.4 4.0 10.5 80.2 4.4.4 34.9 30.1 29.5 PANTHEON VI 2008 12/19/21 \$ 44.9 49.2 bps \$ 16.3 -0.1 10.5 40.2 10.5 80.2 4	KPS SPECIAL SITUATIONS MID-CAP FUND	2019	10/04/29	\$	20.0	125.0 bps	\$ 8.2	0.0	3.1	13.2	3.0	13.4	4.7				
MESIROW IV 2006 11/21/21 60.0 30.1 bps \$ 21.2 0.0 15.2 53.6 15.2 76.1 38.5 29.4 24.9 23.3 MESIROW V 2008 11/05/21 60.0 37.2 bps \$ 5.47 0.0 19.2 71.1 19.2 90.6 45.4 35.9 31.4 29.6 OHA STRATEGIC CREDIT FUND II 2017 07/14/27 \$ 5.00 100.0 bps \$ 5.0 0.0 3.2 7.0 3.2 7.9 9.0 12.0 12.7 11.5 OAK TRATEGIC CREDIT FUND II 2017 07/14/27 \$ 5.00 138.0 bps \$ 24.6 2.6 2.2 26.6 1.1 -1.1 -1.2 -1.1 2.4 6.0 PANTHEON VI 2004 07/12/21 \$ 44.9 49.2 bps \$ 16.3 -0.1 10.5 40.2 10.5 80.2 44.4 34.9 30.1 29.5 PANTHEON VI 2004 04/28/22 \$ 5.00 0.0 bps \$ 11.4 -0.1 3.6 18.3 5.0 46.4 2.7 -3.0 -0.7 <	KPS SPECIAL SITUATIONS FUND V	2019	10/04/29	\$	50.0	125.0 bps	\$ 17.0	0.4	0.4	0.4	0.4	12.1					
MESIROW V 2008 11/105/21 60.0 37.2 bps 5 54.7 0.0 19.2 71.1 19.2 90.6 45.4 35.9 31.4 29.6 NEWSTONE MEZZANINE II 2010 03/05/22 40.0 100.0 bps 5 5.0 0.0 3.2 7.0 3.2 7.9 9.0 12.0 12.7 11.5 OHA STRATEGIC CREDIT FUND II 2017 07/14/27 \$ 50.0 138.0 bps \$ 42.6 2.2 26.0 2.2 36.6 11.6 9.8 14.9 OAKTREE EUROPEAN FUND II 2010 03/1/22 \$ 45.1 175.0 bps \$ 26.5 -2.3 4.5 -1.1 -1.2 2.4 6.0 PANTHEON VI 2006 04/28/22 \$5.0 4.4 34.9 30.1 29.5 5.0 13.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PANTHEON VII 2004 07/12/21 \$ 5.0 4.4 3.9 31.1 0.0 13.6 12.5 3.6 18.3 5.0 3.0<	MESIROW III	2005	04/06/22	\$	23.0	29.2 bps	\$ 2.3	0.0	5.6	29.3	5.6	39.6	16.6	10.9	10.8	8.9	7.2
NEWSTONE MEZZANINE II 2010 03/05/22 \$ 40.0 100.0 bps \$ 5.0 0.0 3.2 7.0 3.2 7.9 9.0 12.0 12.7 11.5 OHA STRATEGIC CREDIT FUND II 2011 03/31/22 \$ 45.1 175.0 bps \$ 22.6 2.2 36.6 11.6 9.8 14.9 OAKTREE EUROPEAN FUND III 2011 03/31/22 \$ 45.1 175.0 bps \$ 26.5 -2.3 -4.5 -5.8 -4.5 -1.1 -1.2 -1.1 2.4 6.0 PANTHEON VI 2004 07/12/21 \$ 50.0 0.0 bps \$ 11.4 0.0 -5.1 6.1 -5.1 5.4 -1.2.8 -7.2 -3.0 -0.7 PANTHEON VII 2006 04/28/22 \$ 5.0.0 0.43.bps \$ 11.2 -0.1 3.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 STEPSTONE EUROPE FUND II 2010 06/30/25 4.00 59.1 bps \$ 31.1 0.0 16.0 65.5 30.4	MESIROW IV	2006	11/21/21	\$	60.0	30.1 bps	\$ 21.2	0.0	15.2	53.6	15.2	76.1	38.5	29.4	24.9	23.3	20.1
OHA STRATEGIC CREDIT FUND II 2017 07/14/27 \$ 50.0 138.0 bps \$ 42.6 2.6 2.2 26.0 2.2 36.6 11.6 9.8 14.9 OAKTREE EUROPEAN FUND III 2011 03/31/22 \$ 45.1 175.0 bps \$ 26.5 -2.3 -4.5 -5.8 -4.5 -1.1 -1.2 -1.1 2.4 6.0 PANTHEON VI 2008 12/19/21 \$ 44.9 49.2 bps \$ 16.3 -0.1 10.5 40.2 10.5 80.2 44.4 34.9 30.1 29.5 PANTHEON VI 2006 01/12/21 \$ 50.0 0.43 bps \$ 11.2 0.0 10.1 36.9 10.1 54.0 22.4 16.1 16.0 16.0 STEPSTONE EUROPE FUND II 2010 12/15/26 \$ 35.0 49.2 bps \$ 16.7 0.0 13.7 74.3 13.7 106.8 44.4 29.5 27.1 24.2 PRIVATE ADVISORS V 2014 06/30/26 \$ 40.0 72.9 bps \$	MESIROW V	2008	11/05/21	\$	60.0	37.2 bps	\$ 54.7	0.0	19.2	71.1	19.2	90.6	45.4	35.9	31.4	29.6	26.0
OAKTREE EUROPEAN FUND III 2011 2012 \$ 45.1 175.0 bps \$ 26.5 -2.3 -4.5 -1.1 -1.1 2.4 6.0 PANTHEON EUROPE VI 2008 12/19/21 \$ 44.9 49.2 bps \$ 16.3 -0.1 10.5 40.2 10.5 80.2 44.4 34.9 30.1 29.5 PANTHEON VI 2004 07/12/21 \$ 50.0 0.0 bps \$ 1.4 0.0 -5.1 6.1 -5.4 -12.8 -7.2 -3.0 -0.7 PANTHEON VII 2006 04/28/22 \$ 50.0 44.3 bps \$ 11.2 -0.1 3.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PRIVATE ADVISORS IV 2011 12/15/26 \$ 35.0 49.2 bps \$ 31.1 0.0 16.0 39.3 16.0 65.5 30.4 29.5 27.1 24.2 PRIVATE ADVISORS V 2012 06/30/25 \$ 40.0 72.9 34.4 0.0 2.7.4 75.0 41.1 32.0<	NEWSTONE MEZZANINE II	2010	03/05/22	\$	40.0	100.0 bps	\$ 5.0	0.0	3.2	7.0	3.2	7.9	9.0	12.0	12.7	11.5	10.7
PANTHEON EUROPE VI 2008 12/19/21 \$ 44.9 49.2 bps \$ 16.3 -0.1 10.5 40.2 10.5 80.2 44.4 34.9 30.1 29.5 PANTHEON VI 2004 07/12/21 \$ 50.0 0.0 bps \$ 11.4 0.0 -5.1 6.1 -5.1 5.4 -12.8 -7.2 -3.0 -0.7 PANTHEON VII 2006 04/28/22 \$ 50.0 44.3 bps \$ 11.2 0.0 10.1 36.9 10.1 54.0 22.4 16.1 16.0 16.0 16.0 STEPSTONE EUROPE FUND II 2011 12/15/26 \$ 35.0 49.2 bps \$ 11.2 0.0 13.7 74.3 13.7 106.8 44.5 35.6 33.7 30.1 PRIVATE ADVISORS V 2012 06/30/25 \$ 40.0 72.9 bps \$ 34.4 0.0 27.4 60.2 27.4 75.0 41.1 32.0 26.8 23.5 Q-BLK II 2005 12/04/21 \$ 50.0 30.1 bps \$ 18.0 0.3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9<	OHA STRATEGIC CREDIT FUND II	2017	07/14/27	\$	50.0	138.0 bps	\$ 42.6	2.6	2.2	26.0	2.2	36.6	11.6	9.8	14.9		
PANTHEON VI 2004 07/12/21 \$ 50.0 0.0 bps \$ 1.4 0.0 -5.1 6.1 -5.1 5.4 -12.8 -7.2 -3.0 -0.7 PANTHEON VII 2006 04/28/22 \$ 50.0 44.3 bps \$ 11.2 0.0 10.1 36.9 10.1 54.0 22.4 16.1 16.0 16.0 STEPSTONE EUROPE FUND II 2010 12/15/22 \$ 25.9 50.0 49.2 bps \$ 11.2 -0.1 3.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PRIVATE ADVISORS IV 2011 12/15/26 \$ 35.0 49.2 bps \$ 31.1 0.0 16.0 58.5 30.4 29.5 27.1 24.2 PRIVATE ADVISORS V 2012 06/30/26 \$ 40.0 72.9 bps \$ 31.1 0.0 16.0 39.3 16.0 56.5 30.4 29.5 27.1 24.2 PRIVATE ADVISORS VI 2014 06/30/26 \$ 40.0 72.9 bps \$ 31.4 0.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9	OAKTREE EUROPEAN FUND III	2011	03/31/22	\$	45.1	175.0 bps	\$ 26.5	-2.3	-4.5	-5.8	-4.5	-1.1	-1.2	-1.1	2.4	6.0	6.1
PANTHEON VII 2006 04/28/22 \$ 50.0 44.3 bps \$ 11.2 0.0 10.1 36.9 10.1 54.0 22.4 16.1 16.0 16.0 STEPSTONE EUROPE FUND II 2010 12/15/22 \$ 25.9 50.0 bps \$ 11.2 -0.1 3.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PRIVATE ADVISORS IV 2011 12/15/26 \$ 35.0 49.2 bps \$ 16.7 0.0 13.7 74.3 13.7 106.8 44.5 35.6 33.7 30.1 PRIVATE ADVISORS V 2012 06/30/26 \$ 40.0 72.9 bps \$ 34.4 0.0 27.4 60.2 27.4 75.0 41.1 32.0 26.8 23.5 Q-BLK II 2005 12/04/21 \$ 50.0 30.1 bps \$ 1.8 0.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9 Q-BLK III 2007 12/29/21 \$ 60.0 0.0 bps \$ 19.0 7.6 7.6 4.0.6 7.6 40.9 30.4 20.6 12.7 12.4 <	PANTHEON EUROPE VI	2008	12/19/21	\$	44.9	49.2 bps	\$ 16.3	-0.1	10.5	40.2	10.5	80.2	44.4	34.9	30.1	29.5	25.3
STEPSTONE EUROPE FUND II 2010 12/15/22 \$ 25.9 50.0 bps \$ 11.2 -0.1 3.6 12.5 3.6 18.3 5.0 4.6 4.2 7.8 PRIVATE ADVISORS IV 2011 12/15/26 \$ 35.0 49.2 bps \$ 16.7 0.0 13.7 74.3 13.7 106.8 44.5 35.6 33.7 30.1 PRIVATE ADVISORS V 2012 06/30/25 \$ 40.0 59.1 bps \$ 31.1 0.0 16.0 39.3 16.0 56.5 30.4 29.5 27.1 24.2 PRIVATE ADVISORS VI 2014 06/30/26 \$ 40.0 72.9 bps \$ 34.4 0.0 27.4 60.2 27.4 75.0 41.1 32.0 26.8 23.5 Q-BLK III 2005 12/04/21 \$ 50.0 30.0 bps \$ 18.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9 GUER GUFF DOF III 2008 12/31/21 \$ 20.0 10.0 bps \$ 33.6	PANTHEON VI	2004	07/12/21	\$	50.0	0.0 bps	\$ 1.4	0.0	-5.1	6.1	-5.1	5.4	-12.8	-7.2	-3.0	-0.7	-1.1
PRIVATE ADVISORS IV 2011 12/15/26 \$ 35.0 49.2 bps \$ 16.7 0.0 13.7 74.3 13.7 106.8 44.5 35.6 33.7 30.1 PRIVATE ADVISORS V 2012 06/30/25 \$ 40.0 59.1 bps \$ 31.1 0.0 16.0 39.3 16.0 56.5 30.4 29.5 27.1 24.2 PRIVATE ADVISORS VI 2014 06/30/26 \$ 40.0 72.9 bps \$ 34.4 0.0 27.4 60.2 27.4 75.0 41.1 32.0 26.8 23.5 Q-BLK II 2005 12/04/21 \$ 50.0 30.1 bps \$ 1.8 0.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9 Q-BLK III 2007 12/29/21 \$ 60.0 0.0 bps \$ 33.6 0.1 0.0 9.8 0.0 11.3 19.0 12.6 12.7 12.4 SIGULER GUFF PUND IV 2011 09/3/23 \$ 40.0 23.3 bps \$ 12.0 1.5 4.9 31.2 4.9 30.4 20.6 15.1 14.9 11.3	PANTHEON VII	2006	04/28/22	\$	50.0	44.3 bps	\$ 11.2	0.0	10.1	36.9	10.1	54.0	22.4	16.1	16.0	16.0	13.7
PRIVATE ADVISORS V 2012 06/30/25 \$ 40.0 59.1 bps \$ 31.1 0.0 16.0 39.3 16.0 56.5 30.4 29.5 27.1 24.2 PRIVATE ADVISORS VI 2014 06/30/26 \$ 40.0 72.9 bps \$ 34.4 0.0 27.4 60.2 27.4 75.0 41.1 32.0 26.8 23.5 Q-BLK II 2005 12/04/21 \$ 50.0 30.1 bps \$ 1.8 0.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9 Q-BLK III 2007 12/29/21 \$ 60.0 0.0 bps \$ 19.0 7.6 7.6 40.6 7.6 40.9 28.2 24.1 21.9 19.4 SIGULER GUFF PDF III 2008 12/31/21 200.0 10.0 bps \$ 13.1 0.5 4.0 9.3 4.0 9.6 6.4 4.7 5.4 6.3 SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 43.5 -2.0 -0.	STEPSTONE EUROPE FUND II	2010	12/15/22	\$	25.9	50.0 bps	\$ 11.2	-0.1	3.6	12.5	3.6	18.3	5.0	4.6	4.2	7.8	5.1
PRIVATE ADVISORS VI 2014 06/30/26 \$ 40.0 72.9 bps \$ 34.4 0.0 27.4 60.2 27.4 75.0 41.1 32.0 26.8 23.5 Q-BLK II 2005 12/04/21 \$ 50.0 30.1 bps \$ 1.8 0.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9 Q-BLK III 2007 12/29/21 \$ 60.0 0.0 bps \$ 19.0 7.6 7.6 40.6 7.6 40.9 28.2 24.1 21.9 19.4 SIGULER GUFF DOF III 2008 12/31/21 \$ 200.0 10.0 bps \$ 33.6 0.1 0.0 9.8 0.0 11.3 19.0 12.6 12.7 12.4 SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 13.1 0.5 4.0 9.3 4.0 9.6 6.4 4.7 5.4 6.3 SIGULER GUFF PELICAN GEM 2016 10/10/28 50.0 75.0 bps \$ 13.5 -2.0	PRIVATE ADVISORS IV	2011	12/15/26	\$	35.0	49.2 bps	\$ 16.7	0.0	13.7	74.3	13.7	106.8	44.5	35.6	33.7	30.1	26.8
Q-BLK II 2005 12/04/21 \$ 50.0 30.1 bps \$ 1.8 0.0 -3.7 -21.2 -3.7 -21.3 -10.2 1.7 3.6 4.9 Q-BLK III 2007 12/29/21 \$ 60.0 0.0 bps \$ 19.0 7.6 7.6 40.6 7.6 40.9 28.2 24.1 21.9 19.4 SIGULER GUFF DOF III 2008 12/31/21 \$ 200.0 10.0 bps \$ 33.6 0.1 0.0 9.8 0.0 11.3 19.0 12.6 12.7 12.4 SIGULER GUFF FUND IV 2011 09/03/23 \$ 40.0 23.3 bps \$ 13.1 0.5 4.0 9.3 4.0 9.6 6.4 4.7 5.4 6.3 SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 43.5 -2.0 -0.9 27.0 -0.9 26.5 5 5 5 5 5 1.0 4.2 1.5 4.9 31.2 4.9 30.4 20.6 15.1 1.4.9 11.3 SIGULER GUFF PELICAN EMG MKT OPP II 2020 05/04/32 \$	PRIVATE ADVISORS V	2012	06/30/25	\$	40.0	59.1 bps	\$ 31.1	0.0	16.0	39.3	16.0	56.5	30.4	29.5	27.1	24.2	23.3
Q-BLK III 2007 12/29/21 \$ 60.0 0.0 bps \$ 19.0 7.6 7.6 40.6 7.6 40.9 28.2 24.1 21.9 19.4 SIGULER GUFF DOF III 2008 12/31/21 \$ 200.0 10.0 bps \$ 33.6 0.1 0.0 9.8 0.0 11.3 19.0 12.6 12.7 12.4 SIGULER GUFF FUND IV 2011 09/03/23 \$ 40.0 23.3 bps \$ 13.1 0.5 4.0 9.3 4.0 9.6 6.4 4.7 5.4 6.3 SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 122.0 1.5 4.9 31.2 4.9 30.4 20.6 15.1 14.9 11.3 SIGULER GUFF PELICAN EMG MKT OPP II 2020 05/04/32 \$ 50.0 75.0 bps \$ 43.5 -2.0 -0.9 27.0 -0.9 26.5 50.7 50.1 50.1 50.1 50.1 50.1 50.1 50.1 50.1 50.1 50.1 50.1 50.1	PRIVATE ADVISORS VI	2014	06/30/26	\$	40.0	72.9 bps	\$ 34.4	0.0	27.4	60.2	27.4	75.0	41.1	32.0	26.8	23.5	18.5
SIGULER GUFF DOF III 2008 12/31/21 200.0 10.0 bps \$ 33.6 0.1 0.0 9.8 0.0 11.3 19.0 12.6 12.7 12.4 SIGULER GUFF FUND IV 2011 09/03/23 \$ 40.0 23.3 bps \$ 13.1 0.5 4.0 9.3 4.0 9.6 6.4 4.7 5.4 6.3 SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 122.0 1.5 4.9 31.2 4.9 30.4 20.6 15.1 14.9 11.3 SIGULER GUFF PELICAN EMG MKT OPP II 2020 05/04/32 \$ 50.0 75.0 bps \$ 43.5 -2.0 -0.9 27.0 -0.9 26.5 - - -2.2 VISTA EQUITY PARTNERS 2011 03/31/22 \$ 35.0 200.0 bps \$ 19.1 0.0 11.0 46.5 11.0 59.1 15.1 0.2 1.0 -2.2 VISTA EQUITY PARTNERS IV 2011 03/31/22 \$ 35.0 150.0 bps \$ 106.4 0.0 10.3 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VI	Q-BLK II	2005	12/04/21	\$	50.0	30.1 bps	\$ 1.8	0.0	-3.7	-21.2	-3.7	-21.3	-10.2	1.7	3.6	4.9	3.3
SIGULER GUFF FUND IV 2011 09/03/23 40.0 23.3 bps 13.1 0.5 4.0 9.3 4.0 9.6 6.4 4.7 5.4 6.3 SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 122.0 1.5 4.9 31.2 4.9 30.4 20.6 15.1 14.9 11.3 SIGULER GUFF PELICAN EMG MKT OPP II 2020 05/04/32 50.0 75.0 bps \$ 43.5 -2.0 -0.9 27.0 -0.9 26.5 - - -2.2 VISTA EQUITY PARTNERS 2011 03/31/22 35.0 200.0 bps \$ 19.1 0.0 11.0 46.5 11.0 59.1 15.1 0.2 1.0 -2.2 VISTA EQUITY PARTNERS IV 2011 03/31/22 35.0 150.0 bps \$ 106.4 0.0 10.3 29.2 10.3 31.2 15.9 22.0 29.4 25.4 VISTA EQUITY PARTNERS V 2014 10/15/24 \$ 75.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4	Q-BLK III	2007	12/29/21	\$	60.0	0.0 bps	\$ 19.0	7.6	7.6	40.6	7.6	40.9	28.2	24.1	21.9	19.4	16.6
SIGULER GUFF PELICAN GEM 2016 10/10/28 100.0 75.0 bps \$ 122.0 1.5 4.9 31.2 4.9 30.4 20.6 15.1 14.9 11.3 SIGULER GUFF PELICAN EMG MKT OPP II 2020 05/04/32 \$ 50.0 75.0 bps \$ 43.5 -2.0 -0.9 27.0 -0.9 26.5 STERLING PARTNERS 2011 09/30/23 \$ 35.0 200.0 bps \$ 19.1 0.0 11.0 46.5 11.0 59.1 15.1 0.2 1.0 -2.2 VISTA EQUITY PARTNERS IV 2011 03/31/22 \$ 35.0 150.0 bps \$ 25.5 0.0 14.7 15.4 14.6 15.6 1.5 4.1 5.2 6.8 VISTA EQUITY PARTNERS V 2014 10/15/24 \$ 75.0 150.0 bps \$ 106.4 0.0 10.3 29.2 10.3 31.2 15.9 22.0 29.4 25.4 VISTA EQUITY PARTNERS VI 2015 03/11/26 \$ 100.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6	SIGULER GUFF DOF III	2008	12/31/21	\$	200.0	10.0 bps	\$ 33.6	0.1	0.0	9.8	0.0	11.3	19.0	12.6	12.7	12.4	11.0
SIGULER GUFF PELICAN EMG MKT OPP II 2020 05/04/32 \$ 50.0 75.0 bps \$ 43.5 -2.0 -0.9 27.0 -0.9 26.5 STERLING PARTNERS 2011 09/30/23 \$ 35.0 200.0 bps \$ 19.1 0.0 11.0 46.5 11.0 59.1 15.1 0.2 1.0 -2.2 VISTA EQUITY PARTNERS IV 2011 03/31/22 \$ 35.0 150.0 bps \$ 25.5 0.0 14.7 15.4 14.6 15.6 1.5 4.1 5.2 6.8 VISTA EQUITY PARTNERS V 2014 10/15/24 \$ 75.0 150.0 bps \$ 106.4 0.0 10.3 29.2 10.3 31.2 15.9 22.0 29.4 25.4 VISTA EQUITY PARTNERS VI 2015 03/11/26 \$ 100.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VI 2018 02/28/28 \$ 125.0 150.0 bps \$ 102.0 0.0 7.8 12.4 7.7 21.0 13.4	SIGULER GUFF FUND IV	2011	09/03/23	\$	40.0	23.3 bps	\$ 13.1	0.5	4.0	9.3	4.0	9.6	6.4	4.7	5.4	6.3	6.8
STERLING PARTNERS 2011 09/30/23 \$ 35.0 200.0 bps \$ 19.1 0.0 11.0 46.5 11.0 59.1 15.1 0.2 1.0 -2.2 VISTA EQUITY PARTNERS IV 2011 03/31/22 \$ 35.0 150.0 bps \$ 25.5 0.0 14.7 15.4 14.6 15.6 1.5 4.1 5.2 6.8 VISTA EQUITY PARTNERS V 2014 10/15/24 75.0 150.0 bps \$ 106.4 0.0 10.3 29.2 10.3 31.2 15.9 22.0 29.4 25.4 VISTA EQUITY PARTNERS VI 2015 03/11/26 100.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VII 2018 02/28/28 125.0 150.0 bps \$ 102.0 0.0 7.8 12.4 7.7 21.0 13.4	SIGULER GUFF PELICAN GEM	2016	10/10/28	\$	100.0	75.0 bps	\$ 122.0	1.5	4.9	31.2	4.9	30.4	20.6	15.1	14.9	11.3	
VISTA EQUITY PARTNERS IV 2011 03/31/22 \$ 35.0 150.0 bps \$ 25.5 0.0 14.7 15.4 14.6 15.6 1.5 4.1 5.2 6.8 VISTA EQUITY PARTNERS V 2014 10/15/24 75.0 150.0 bps \$ 106.4 0.0 10.3 29.2 10.3 31.2 15.9 22.0 29.4 25.4 VISTA EQUITY PARTNERS VI 2015 03/11/26 100.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VI 2015 03/11/26 100.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VII 2018 02/28/28 125.0 150.0 bps \$ 102.0 0.0 7.8 12.4 7.7 21.0 13.4	SIGULER GUFF PELICAN EMG MKT OPP II	2020	05/04/32	\$	50.0	75.0 bps	\$ 43.5	-2.0	-0.9	27.0	-0.9	26.5					
VISTA EQUITY PARTNERS V 2014 10/15/24 \$ 75.0 150.0 bps \$ 106.4 0.0 10.3 29.2 10.3 31.2 15.9 22.0 29.4 25.4 VISTA EQUITY PARTNERS VI 2015 03/11/26 100.0 150.0 bps \$ 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VI 2018 02/28/28 125.0 150.0 bps \$ 102.0 0.0 7.8 12.4 7.7 21.0 13.4 WARBURG PINCUS 2018 02/28/29 100.0 140.0 bps \$ 94.7 0.0 0.3 29.4 0.3 34.2 15.4 WILLIAMS CAPITAL 2004 termed out \$ 30.0 0.0 bps \$ 0.3 0.0 -2.8 -8.2 9.4 12.7 -1.8 TOTAL PRIVATE MARKETS* \$ 5,179.2 95.7 bps \$ 2,897.4 1.0 5.3 35.9 5.7 46.2 24.0 19.9 19.8 18.8	STERLING PARTNERS	2011	09/30/23	\$	35.0	200.0 bps	\$ 19.1	0.0	11.0	46.5	11.0	59.1	15.1	0.2	1.0	-2.2	-0.8
VISTA EQUITY PARTNERS VI 2015 03/11/26 100.0 150.0 bps 138.6 0.0 7.1 16.4 7.1 35.4 29.2 31.8 27.4 21.6 VISTA EQUITY PARTNERS VII 2018 02/28/28 125.0 150.0 bps \$ 102.0 0.0 7.8 12.4 7.7 21.0 13.4 WARBURG PINCUS 2018 02/28/29 100.0 140.0 bps \$ 94.7 0.0 0.3 29.4 0.3 34.2 15.4 WILLIAMS CAPITAL 2004 termed out \$ 30.0 0.0 bps \$ 0.3 0.0 -1.5 0.0 -2.8 -8.2 9.4 12.7 -1.8 TOTAL PRIVATE MARKETS* \$ 5,179.2 95.7 bps \$ 2,897.4 1.0 5.3 35.9 5.7 46.2 24.0 19.9 19.8 18.8	VISTA EQUITY PARTNERS IV	2011	03/31/22	\$	35.0	150.0 bps	\$ 25.5	0.0	14.7	15.4	14.6	15.6	1.5	4.1	5.2	6.8	10.2
VISTA EQUITY PARTNERS VII 2018 02/28/28 125.0 150.0 bps 102.0 0.0 7.8 12.4 7.7 21.0 13.4 WARBURG PINCUS 2018 02/28/29 100.0 140.0 bps \$ 94.7 0.0 0.3 29.4 0.3 34.2 15.4 WILLIAMS CAPITAL 2004 termed out \$ 30.0 0.0 bps \$ 0.3 0.0 -1.5 0.0 -2.8 -8.2 9.4 12.7 -1.8 TOTAL PRIVATE MARKETS* \$ 5,179.2 95.7 bps \$ 2,897.4 1.0 5.3 35.9 5.7 46.2 24.0 19.9 19.8 18.8	VISTA EQUITY PARTNERS V	2014	10/15/24	\$	75.0	150.0 bps	\$ 106.4	0.0	10.3	29.2	10.3	31.2	15.9	22.0	29.4	25.4	24.2
WARBURG PINCUS 2018 02/28/29 100.0 140.0 bps 94.7 0.0 0.3 29.4 0.3 34.2 15.4 WILLIAMS CAPITAL 2004 termed out 30.0 0.0 bps \$ 0.3 0.0 -1.5 0.0 -2.8 -8.2 9.4 12.7 -1.8 TOTAL PRIVATE MARKETS* \$ 5,179.2 95.7 bps \$ 2,897.4 1.0 5.3 35.9 5.7 46.2 24.0 19.9 19.8 18.8	VISTA EQUITY PARTNERS VI	2015	03/11/26	\$	100.0	150.0 bps	\$ 138.6	0.0	7.1	16.4	7.1	35.4	29.2	31.8	27.4	21.6	
WILLIAMS CAPITAL 2004 termed out \$ 30.0 0.0 bps \$ 0.3 0.0 0.0 -1.5 0.0 -2.8 -8.2 9.4 12.7 -1.8 TOTAL PRIVATE MARKETS* \$ 5,179.2 95.7 bps \$ 2,897.4 1.0 5.3 35.9 5.7 46.2 24.0 19.9 19.8 18.8	VISTA EQUITY PARTNERS VII	2018	02/28/28	\$	125.0	150.0 bps	\$ 102.0	0.0	7.8	12.4	7.7	21.0	13.4				
TOTAL PRIVATE MARKETS* \$ 5,179.2 95.7 bps \$ 2,897.4 1.0 5.3 35.9 5.7 46.2 24.0 19.9 19.8 18.8	WARBURG PINCUS	2018	02/28/29	\$	100.0	140.0 bps	\$ 94.7	0.0	0.3	29.4	0.3	34.2	15.4				
	WILLIAMS CAPITAL	2004	termed out	\$	30.0	0.0 bps	\$ 0.3	0.0	0.0	-1.5	0.0	-2.8	-8.2	9.4	12.7	-1.8	-13.4
(1) Poly of the CP of the	TOTAL PRIVATE MARKETS*			\$5,	179.2	95.7 bps	\$ 2,897.4	1.0	5.3	35.9	5.7	46.2	24.0	19.9	19.8	18.8	16.3
(d) Brnson consists of five limited partnerships Private Markets fees are based on commitment amounts rather than market value.	(\$) Brinson consists of five limited partnerships	. d	had and had														

LASERS FLASH REPORT

The return numbers are expressed as percentages and are listed in columns 5-14



Green = manager outperformed style benchmark

Yellow = manager underperformed style benchmark

Red = composite underperformed style benchmark

LASERS FLASH REPORT

WHAT IS IT?

- A snapshot look at the composition and investment returns of LASERS Trust Fund
- Summary of investment manager performance

WHAT INFORMATION DOES IT PROVIDE?

- · Asset classes and the investment managers we use to invest the money
- · Fees charged by the investment managers who invest our money
- Amount of money we have allocated to each manager
- Investment returns of each investment

HOW CAN I USE THE INFORMATION?

- To evaluate investment manager returns against a set benchmark ⁽¹⁾ return
- To evaluate the return of each asset or asset class
- Analyze LASERS investments gains/losses over time

HOW DO I READ THE REPORT?

Left Side (Asset Classes)

Broken down by each investment manager Blue lines are benchmarks used to evaluate asset class

Top (contract data & returns):

Management fees in basis points ⁽²⁾ Market value Returns -

Month	% return that month
3 months	% return from the past 3 months
YTD	Year to date return (since January 1)
Fiscal YTD	Fiscal year to date return (since July 1)
1 year, 2 years, etc.	% return for the specified time period

 Colors
 Green – performance of asset was above benchmark (think money)

 Yellow – manager performed below benchmark
 Red – asset class as a whole performed below benchmark

Total Plan (last page of Flash Report)

Financial composite – portfolio excluding alternative investments asset class *Total plan* – includes alternative investments

Policy index – return of portfolio based on allocation set forth in investment policy Allocation index – return of portfolio based the actual allocation LASERS maintained (Investment policy provides a model for allocation; however, small deviations from this model may occur to take advantage of certain market conditions.)

DEFINITIONS:

- 1. **Benchmark** an index whose returns can be used to measure investment performance
- 2. **Basis Point (bps)** 0.01%, 100 basis points equals 1%, investment managers charge fees as a percentage of the money invested, fees are usually defined in basis points



As of October 31, 2021

Asset Class	Target Weight	Actual Weight	Over/(Under) Weight
U.S. Equity	31%	32.6%	1.6%
Non-U.S. Equity	23%	24.1%	1.1%
U.S. Fixed Income	3%	3.5%	0.5%
Emerging Market Debt	4%	3.3%	-0.7%
Global Multi-Sector	14%	10.7%	-3.3%
Private Markets	20%	20.4%	0.4%
Absoulte Return	4%	3.9%	-0.1%
Cash	1%	1.5%	0.5%

ASSET ALLOCATION

*Target weights listed above were approved October 2020.



One-Time Supplemental Payment

Proposed

Legislation Fact Sheet

Members Impacted

45,930

Average Payment

\$1,845.52

Total Cost \$84.7 million

WHY?

The average rank-and-file LASERS retiree has not received a COLA since 2016. While there are not enough funds in the experience account to provide a typical COLA, we are able to provide some relief in the form of a one-time supplemental payment.

At least six states have used this form of benefit in recent years. Most recently, Texas passed legislation granting a similar supplement to retired teachers. Last year, the Louisiana State Police Retirement System granted a limited payment of this kind to its members.

WHAT IS IT?

This proposed legislation would authorize a onetime supplemental payment, funded by the system's experience account to certain retirees and beneficiaries.

The payment will be equal to the *lesser* of:

- 1. The retiree or beneficiary's current monthly benefit.
- 2. \$3,000.

The payment will equal the member's gross pay (capped at \$3,000). There will be no deductions made except for federal tax.

WHEN WILL MEMBERS SEE RELIEF?

The proposed legislation will authorize payment to be made no later than September 15, 2022.

HOW MUCH WILL IT COST?

The expected cost of this proposed legislation is \$84,764,796.84. The average one-time supplemental payment per eligible retiree or beneficiary is expected to be about \$1,845.52.

The one-time supplemental payment will be funded exclusively from the system's experience account, which currently has a balance of \$85,173,827. This will not impact the system's ability to meet its obligation relative to funding the UAL.

WHO IS ELIGIBLE?

All retirees and beneficiaries who would be eligible for a normal COLA. The following requirements must be met as of June 30, 2022 to be eligible:

- 1. Retired for at least one year; and,
- 2. At least 60 years of age

Any nonretiree beneficiary whose receipt of benefits is not based on the death of a disability retiree, if benefits have been paid to the retiree or beneficiary or to both combined for at least one year, and if the retiree would have attained age sixty by June 30, 2022. Any disability retiree or any nonretiree beneficiary who receives benefits based on the death of a disability retiree, if benefits have been paid to the retiree or beneficiary, or to both combined, for at least one year as of June 30, 2022.

LASERS staff estimates that this will impact 45,930 retirees and beneficiaries.

DRAFT

SENATE/HOUSE BILL NO.

BY SENATOR/REPRESENTATIVE

RETIREMENT BENEFITS. Provides a one-time supplemental payment for certain retirees and beneficiaries of the Louisiana State Employees' Retirement System. (gov sig) (2/3 CA10s29(F))

To enact R.S. 11:542.3, relative to the Louisiana State Employees' Retirement System experience account; to debit funds from such account to pay a one-time supplemental payment to certain retirees and beneficiaries of the Louisiana State Employees' Retirement System; to provide qualifications for receipt of such payments; to provide relative to the amount of such payments; and to provide for related matters.

Notice of intention to introduce this Act has been published as provided by Article X, Section 29(C) of the Constitution of Louisiana.

Be it enacted by the Legislature of Louisiana:

Section 1. R.S. 11:542.3 is hereby enacted to read as follows:

§542.3. 2022 One-time Supplemental Payment; payment from experience account

A. <u>The board of trustees of the Louisiana State Employees' Retirement System may</u> <u>authorize a one-time supplemental payment to the following retirees and</u> <u>beneficiaries:</u>

- (1) <u>Any retiree, other than a disability retiree, who has attained at least age</u> sixty and who has received a benefit for at least one year by June 30, 2022.
- (2) <u>Any nonretiree beneficiary, if benefits had been paid to the retiree or the beneficiary, or both combined, for at least one year and if the retiree would have attained age sixty by June 30, 2022.</u>
- (3) <u>Any disability retiree or a person who receives benefits from the system</u> <u>based on the death of a disability retiree, if benefits have been paid to the</u> <u>retiree or the beneficiary, or both combined for at least one year by June</u> <u>30, 2022.</u>
- B. <u>Any one-time supplemental payment paid pursuant to the provisions of this</u> <u>Section shall be paid from funds in the system experience account.</u>
- C. The one-time supplemental payment is payable not later than September 15, 2022.
- D. <u>Each person to whom this Section applies shall receive a one-time supplemental</u> payment in an amount that is equal to the lesser of:
 - (1) The retiree or beneficiary's current monthly benefit.
 - (2) <u>\$3,000.</u>

Section 2. The cost of this Act shall be funded with monies from the system's experience account.

Section 3. This Act shall become effective upon signature by the governor or, if not signed by the governor, upon expiration of the time for bills to become law without signature by the governor, as provided by Article III, Section 18 of the Constitution of Louisiana. If vetoed by the governor and subsequently approved by the legislature, this Act shall become effective on the day following such approval.