



INVESTMENT PERFORMANCE SUMMARY

OFFICE OF THE STATE TREASURER & CASH MANAGEMENT POLICY BOARD

JUNE 30, 2022

Jennifer Appel, CFA, Investment Director Kevin M. Leonard, Partner Alexandra Sollers, CFA, Sr. Consulting Specialist

PROPRIETARY & CONFIDENTIAL



EXECUTIVE SUMMARY

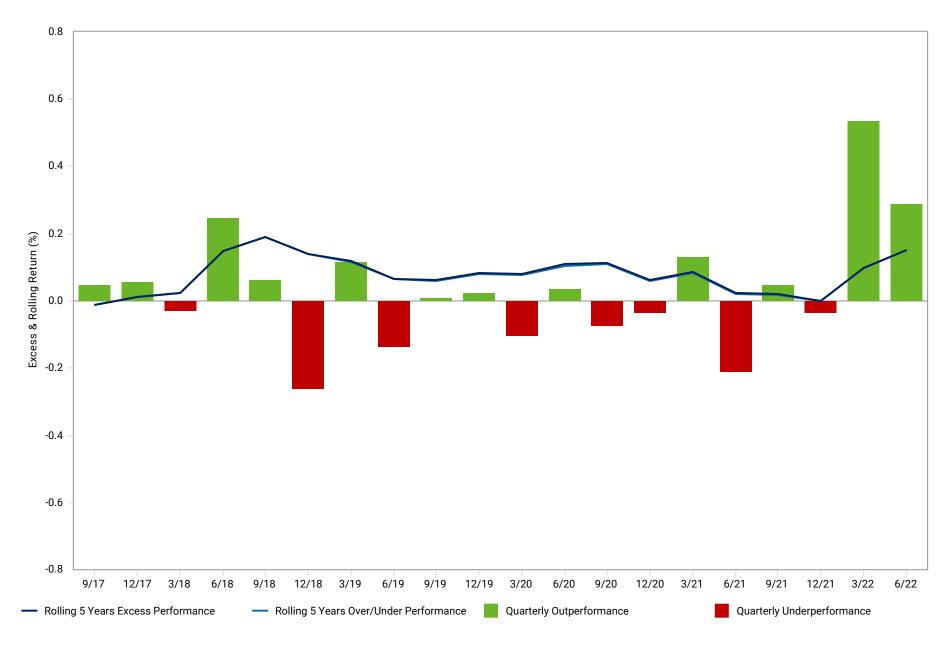
PROPRIETARY & CONFIDENTIAL

TOTAL FUND PERFORMANCE SUMMARY

| | Market | | | | Per | formance | (%) | | |
|---|---------------|-------------|------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| | Value (\$) | 3 Mo (%) | YTD (%) | FYTD (%) | 1 Yr (%) | 3 Yrs (%) | 5 Yrs (%) | Inception (%) | Inception Date |
| Delaware Total Consolidation | 5,784,663,635 | -0.9 | -2.9 | -3.1 | -3.1 | 0.9 | 1.7 | 1.9 | Jan-05 |
| Delaware Total Consolidation ex. CARES & ARPA | 5,014,043,164 | -1.0 | -3.3 | -3.6 | -3.6 | 0.8 | 1.7 | 1.9 | Jan-05 |
| Total Liquidity & Reserve | 4,926,287,035 | -0.8 | -3.0 | -3.3 | -3.3 | 0.8 | 1.6 | 1.6 | Dec-16 |
| Total Liquidity | 3,498,795,708 | -0.1 | -1.1 | -1.2 | -1.2 | 0.5 | 1.1 | 1.6 | Jan-05 |
| eV US Cash Management Median | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 1.3 | |
| Total Reserve | 1,427,491,327 | -2.0 | -5.8 | -6.3 | -6.3 | 0.0 | 1.4 | 2.0 | Jan-05 |
| Reserve Custom Index | | -2.3 | -6.6 | -7.1 | -7.1 | -0.2 | 1.3 | 2.2 | |
| eV US Interm Duration Fixed Inc Median | | -2.8 | -7.2 | -7.7 | -7.7 | -0.2 | 1.2 | 3.2 | |
| Total Endowment | 87,756,129 | -12.1 | -17.1 | -14.1 | -14.1 | 2.1 | 3.8 | 4.2 | Aug-15 |
| Endowment Custom Index | | -11.7 | -16.5 | -12.5 | -12.5 | 4.1 | 5.2 | 5.2 | |
| eV Global Balanced Median | | -10.7 | -15.4 | -13.5 | -13.5 | 3.0 | 3.7 | 4.1 | |
| CARES | 20,878,629 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | Apr-20 |
| FTSE 1 Month T-Bill | | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | |
| eV US Cash Management Median | | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | |
| ARPA | 749,741,842 | -0.2 | -1.0 | -1.1 | -1.1 | - | - | -1.0 | May-21 |
| FTSE 1 Month T-Bill | | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | |
| eV US Cash Management Median | | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | |



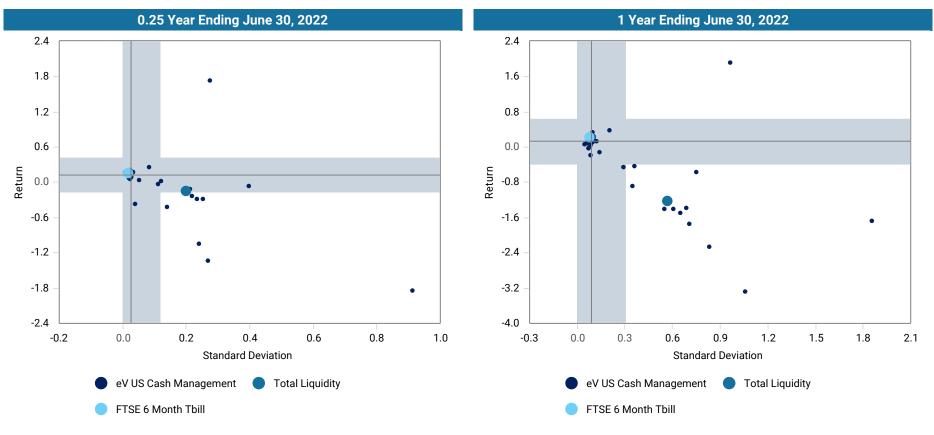
Delaware State Treasury TOTAL RESERVE VS. RESERVE CUSTOM INDEX





3

Delaware Office of the State Treasurer LIQUIDITY RISK/RETURN - 3 MONTHS & 1 YEAR

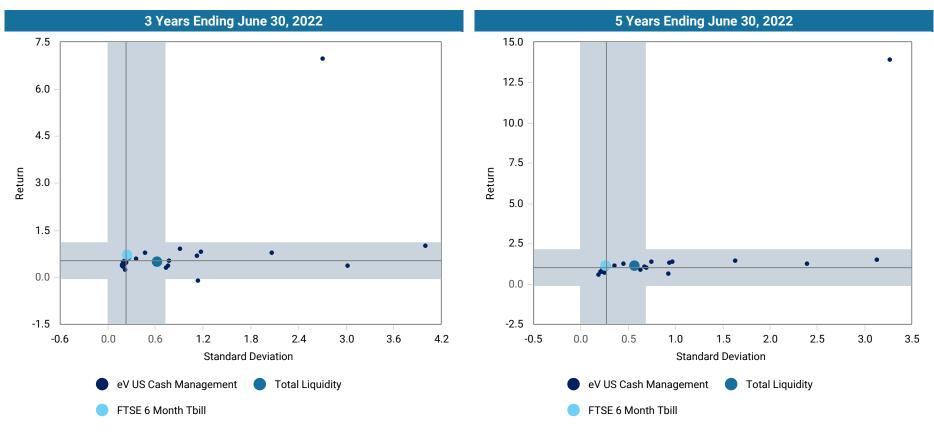


| 3 months Ending June 30, 2022 | | | | |
|-------------------------------|--------|-----------------------|-----------------|---------|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Liquidity | -0.1 | 0.2 | -0.5 | Total I |
| FTSE 6 Month Tbill | 0.2 | 0.0 | 0.7 | FTSE 6 |

| 1 Year Ending June 30, 2022 | | | | |
|-----------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Liquidity | -1.2 | 0.6 | -2.5 | |
| FTSE 6 Month Tbill | 0.2 | 0.1 | 1.1 | |



Delaware Office of the State Treasurer LIQUIDITY RISK/RETURN - 3 & 5 YEARS

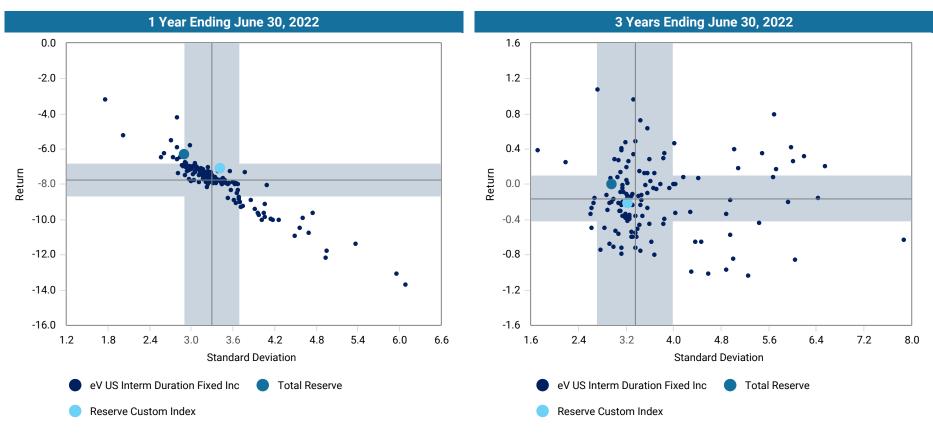


| : | 3 Years Ending | June 30, 2022 | | |
|--------------------|----------------|-----------------------|-----------------|-----------|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Liquidity | 0.5 | 0.6 | -0.2 | Total Liq |
| FTSE 6 Month Tbill | 0.7 | 0.2 | 0.8 | FTSE 6 N |

| 5 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Liquidity | 1.1 | 0.6 | 0.0 | |
| FTSE 6 Month Tbill | 1.2 | 0.3 | 0.6 | |



Delaware Office of the State Treasurer RESERVE RISK/RETURN - 1 & 3 YEARS

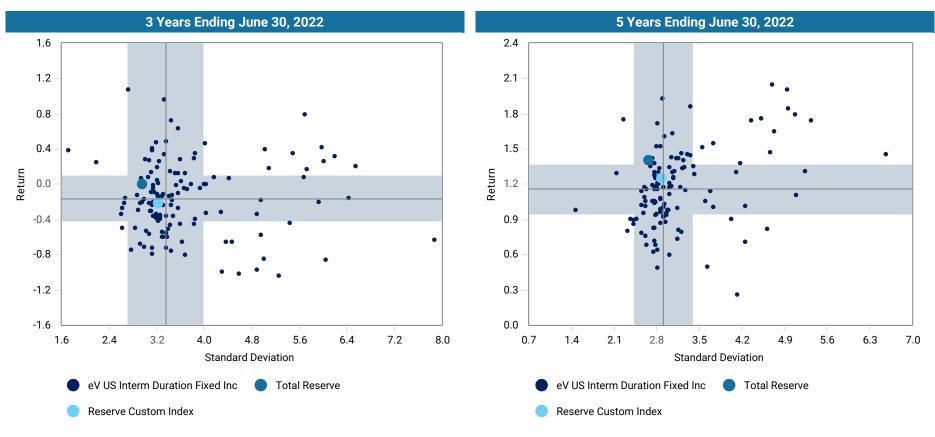


| 1 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Reserve | -6.3 | 2.9 | -2.3 | |
| Reserve Custom Index | -7.1 | 3.4 | -2.2 | |

| 3 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Reserve | 0.0 | 3.0 | -0.2 | |
| Reserve Custom Index | -0.2 | 3.2 | -0.3 | |



Delaware Office of the State Treasurer RESERVE RISK/RETURN - 3 & 5 YEARS

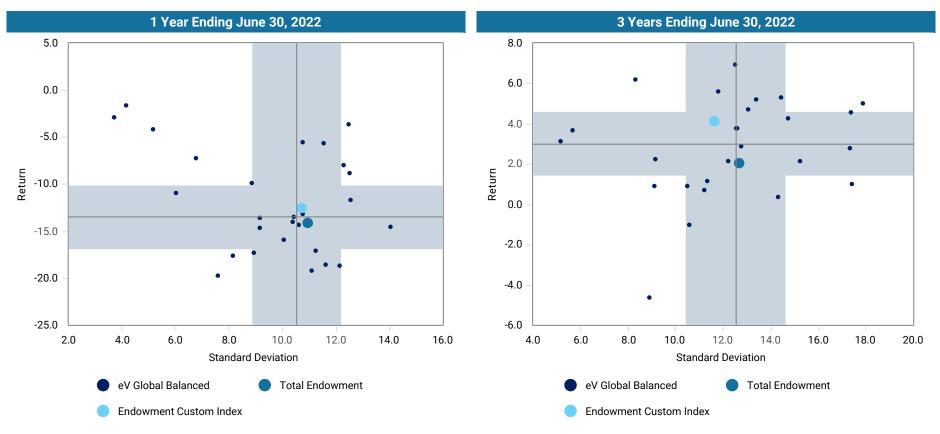


| 3 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Reserve | 0.0 | 3.0 | -0.2 | |
| Reserve Custom Index | -0.2 | 3.2 | -0.3 | |

| 5 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Reserve | 1.4 | 2.7 | 0.1 | |
| Reserve Custom Index | 1.3 | 2.9 | 0.1 | |



Delaware Office of the State Treasurer ENDOWMENT RISK/RETURN - 1 & 3 YEARS

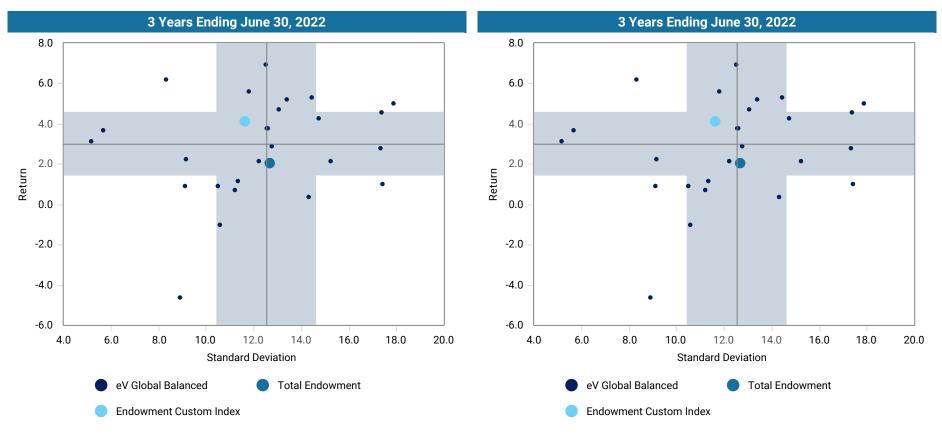


| 1 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Endowment | 2.1 | 12.7 | 0.2 | |
| Endowment Custom Index | 4.1 | 11.6 | 0.4 | |

| 3 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Endowment | 2.1 | 12.7 | 0.2 | |
| Endowment Custom Index | 4.1 | 11.6 | 0.4 | |



Delaware Office of the State Treasurer ENDOWMENT RISK/RETURN - 3 & 5 YEARS



| 3 Years Ending June 30, 2022 | | | | |
|------------------------------|--------|-----------------------|-----------------|--|
| | Return | Standard Deviation | Sharpe Ratio | |
| Total Endowment | 2.1 | 12.7 | 0.2 | |
| Endowment Custom Index | 4.1 | 11.6 | 0.4 | |

| 5 Years Ending June 30, 2022 | | | | | | |
|------------------------------|--------|-----------------------|-----------------|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | | | |
| Total Endowment | 3.8 | 11.2 | 0.3 | | | |
| Endowment Custom Index | 5.2 | 10.3 | 0.4 | | | |



Delaware State Treasury PERFORMANCE DETAIL

| | Allocation | | | | | Per | formanc | e (%) | | |
|---|----------------------|-------------------|-------------|-------------|------------|-------------|--------------|--------------|------------------|-------------------|
| | Market Value (\$) | % of Portfolio | 3 Mo (%) | FYTD (%) | YTD (%) | 1 Yr (%) | 3 Yrs (%) | 5 Yrs (%) | Inception (%) | Inception Date |
| Delaware Total Consolidation | 5,784,663,635 | 100.0 | -0.9 | -3.1 | -2.9 | -3.1 | 0.9 | 1.7 | 1.9 | Jan-05 |
| Delaware Total Consolidation ex. CARES & ARPA | 5,014,043,164 | 86.7 | -1.0 | -3.6 | -3.3 | -3.6 | 0.8 | 1.7 | 1.9 | Jan-05 |
| Total Liquidity & Reserve | 4,926,287,035 | 85.2 | -0.8 | -3.3 | -3.0 | -3.3 | 0.8 | 1.6 | 1.6 | Dec-16 |
| Total Liquidity | 3,498,795,708 | 60.5 | -0.1 | -1.2 | -1.1 | -1.2 | 0.5 | 1.1 | 1.6 | Jan-05 |
| eV US Cash Management Median | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 1.3 | |
| PFM Asset Management | 1,758,096,982 | 30.4 | 0.0 | -0.6 | -0.5 | -0.6 | 0.7 | 1.3 | 1.0 | Jun-13 |
| Wilmington Liquidity | 1,740,698,726 | 30.1 | -0.3 | -1.8 | -1.6 | -1.8 | 0.3 | 1.0 | 3.9 | Jan-85 |
| Total Reserve | 1,427,491,327 | 24.7 | -2.0 | -6.3 | -5.8 | -6.3 | 0.0 | 1.4 | 2.0 | Jan-05 |
| Reserve Custom Index | | | -2.3 | -7.1 | -6.6 | -7.1 | -0.2 | 1.3 | 2.2 | |
| eV US Interm Duration Fixed Inc Median | | | -2.8 | -7.7 | -7.2 | -7.7 | -0.2 | 1.2 | 3.2 | |
| JPM Intermediate | 543,213,871 | 9.4 | -0.6 | -3.2 | -2.9 | -3.2 | 0.5 | 1.2 | 1.1 | Jun-13 |
| J.P. Morgan Custom Index | | | -0.6 | -3.4 | -2.9 | -3.4 | 0.3 | 1.0 | 1.0 | |
| Blackrock Financial Mangement | 378,121,432 | 6.5 | -1.2 | -5.1 | -4.5 | -5.1 | 0.1 | - | 1.4 | Mar-18 |
| Blackrock Custom Index | | | -1.0 | -4.8 | -4.2 | -4.8 | 0.1 | 1.1 | 1.3 | |
| Chandler Asset Management | 255,893,933 | 4.4 | -4.1 | -10.3 | -9.9 | -10.3 | -0.8 | 1.3 | 1.2 | Jun-13 |
| Lazard Financial Management | 250,262,091 | 4.3 | -3.9 | -9.4 | -9.1 | -9.4 | -0.8 | - | 1.6 | Mar-18 |
| Chandler/Lazard Custom Index | | | -3.8 | -10.0 | -9.7 | -10.0 | -0.7 | 1.4 | 1.7 | |
| Total Endowment | 87,756,129 | 1.5 | -12.1 | -14.1 | -17.1 | -14.1 | 2.1 | 3.8 | 4.2 | Aug-15 |
| Endowment Custom Index | | | -11.7 | -12.5 | -16.5 | -12.5 | 4.1 | 5.2 | 5.2 | |
| eV Global Balanced Median | | | -10.7 | -13.5 | -15.4 | -13.5 | 3.0 | 3.7 | 4.1 | |
| SEI Balanced Strategy | 45,025,736 | 0.8 | -12.6 | -14.5 | -17.5 | -14.5 | 4.2 | 5.2 | 5.7 | Aug-15 |
| Vanguard Funds | 42,730,310 | 0.7 | -11.6 | -13.6 | -16.7 | -13.6 | - | - | 0.0 | Sep-20 |
| eV Global Balanced Median | | | -10.7 | -13.5 | -15.4 | -13.5 | 3.0 | 3.7 | 1.4 | |



Delaware State Treasury PERFORMANCE DETAIL

| | Allocatio | | | | Per | formanc | e (%) | | | |
|------------------------------|----------------------|-------------------|-------------|-------------|------------|-------------|--------------|--------------|------------------|-------------------|
| | Market Value (\$) | % of Portfolio | 3 Mo (%) | FYTD (%) | YTD (%) | 1 Yr (%) | 3 Yrs (%) | 5 Yrs (%) | Inception (%) | Inception Date |
| CARES | 20,878,629 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | Apr-20 |
| FTSE 1 Month T-Bill | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| eV US Cash Management Median | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| PFM CARES | 8,948,733 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | Apr-20 |
| PFM NCC CARES | 1,508,979 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | Jan-21 |
| Wilmington CARES | 8,908,368 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | - | - | 0.1 | Apr-20 |
| Wilmington NCC CARES | 1,512,549 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.1 | Jan-21 |
| FTSE 1 Month T-Bill | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| ARPA | 749,741,842 | 13.0 | -0.2 | -1.1 | -1.0 | -1.1 | - | - | -1.0 | May-21 |
| FTSE 1 Month T-Bill | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| eV US Cash Management Median | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| PFM ARPA | 376,776,820 | 6.5 | -0.1 | -0.7 | -0.6 | -0.7 | - | - | -0.6 | May-21 |
| FTSE 1 Month T-Bill | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| eV US Cash Management Median | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| Wilmington ARPA | 372,965,022 | 6.4 | -0.3 | -1.5 | -1.3 | -1.5 | - | - | -1.4 | May-21 |
| FTSE 1 Month T-Bill | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |
| eV US Cash Management Median | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 1.0 | 0.1 | |

PG 11. Notes: Net of Fees. Results for periods longer than one year are annualized.

Performance history through 12/2015 is from BNY Mellon. NEPC Performance start date is January 2016. Fiscal Year end is June 30.

Reserve Custom Index consists of 25% ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR / 25% ICE BofAML 1-3 Yrs AAA-A US Corp & Govt / 50% ICE BofAML US Gov/Credit 5-10 Yrs A Rated and Above, as of 4/1/2018. Prior to this, the index comprised 75% ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR / 25% ICE BofAML 6 Months US T-Bills TR.

Endowment Custom Index consists of 60% MSCI World Index/40% Bloomberg US Aggregate.

BlackRock Custom Index consists of 100% ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR.

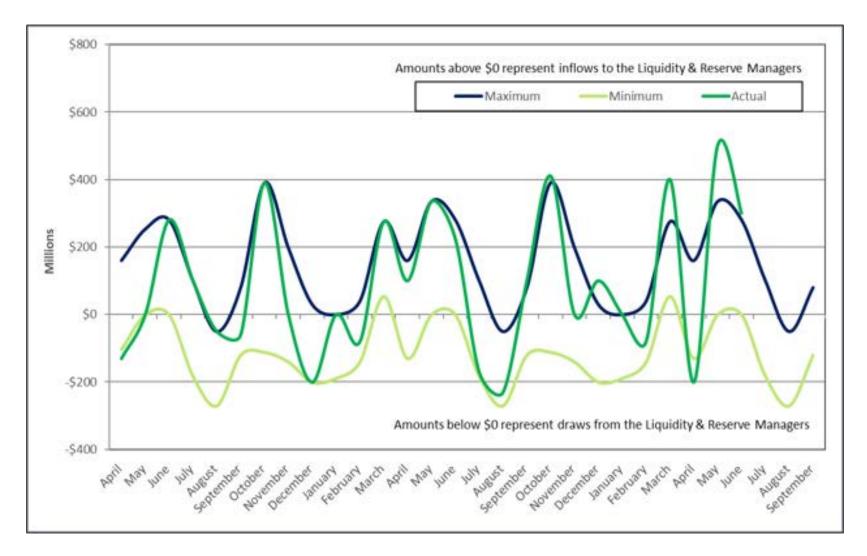
J.P. Morgan Custom Index consists of 100% ICE BofAML 1-3 Yrs AAA-A US Corp & Govt.

Chandler/Lazard Custom Index consists of ICE BofAML US Gov/Credit 5-10 Yrs A Rated and Above.

Notes for CARES: Net of Fees. Results for periods longer than one year are annualized.

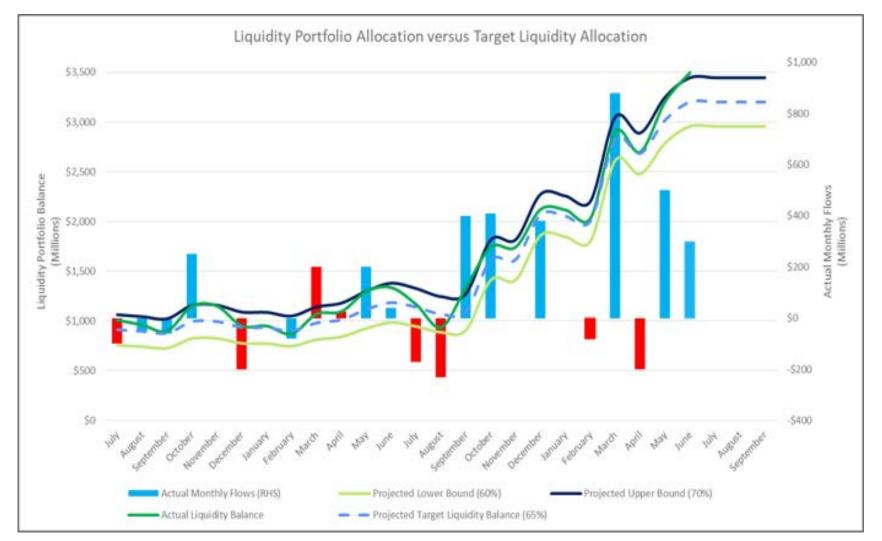
Performance history through 12/2015 is from BNY Mellon. NEPC Performance start date is January 2016. Fiscal Year end is June 30.

LIQUIDITY & RESERVE CASH FLOWS





LIQUIDITY BALANCE





As of March 9, 2022, the target allocation between Liquidity and Reserve Portfolios was adjusted to 65%/35%. The previous target allocation was 50%/50%.

FISCAL YEAR TO DATE

| Change in Market Value Fiscal Year-to-Date Through June 30, 2022 | | | | | | | | | | | | | |
|--|---------|--------------------|----|---------------|--------|--------------------|----------------|------------|----|------------------|---------------|---------------------------|----------------|
| | Ве | ginning Market | | | | | | | ι | Jnrealized Gain | Realized Gain | Amortization / | Ending Mar |
| | | Value | | Contributions | | Withdrawals | Fees | Income | | (Loss) | (Loss) | Accretion | Va |
| | | | | | | | | | | | | | |
| Liquidity Managers | | | | | | | | | | | | | |
| PFM Asset Management | \$ | 670,165,384 | | 1,460,000,000 | | (365,000,000) \$ | (539,662) \$ | 9,475,234 | | (12,134,107) \$ | 98,948 | | \$ 1,758,096,9 |
| Wilmington Liquidity | \$ | 667,899,950 | | 1,460,000,000 | \$ | (365,000,000) \$ | (507,949) \$ | 7,051,776 | ' | (27,529,514) \$ | 28,716 | | \$ 1,740,698,7 |
| Total Liquidity Managers | \$ | 1,338,065,334 | \$ | 2,920,000,000 | \$ | (730,000,000) \$ | (1,047,611) \$ | 16,527,010 | \$ | (39,663,622) \$ | 127,664 | \$ (5,213,070) | \$ 3,498,795,7 |
| Reserve Managers | | | | | | | | | | | | | |
| BlackRock Financial Management | \$ | 522,812,835 | Ś | - | Ś | (120,000,000) \$ | (352,319) \$ | 5,250,780 | Ś | (23,114,176) \$ | (5,674,752) | \$ (800,934) | \$ 378,121,4 |
| Chandler Asset Management | \$ | 553,398,402 | | - | Ś | (260,000,000) \$ | (329,850) \$ | 9,005,115 | | (50,763,070) \$ | 4,612,390 | | |
| JPM Intermediate | Ś | 983,835,579 | | - | Ś | (420,000,000) \$ | (526,411) \$ | 5,998,831 | | (18,097,932) \$ | (6,953,429) | , , , , | |
| Lazard Asset Management | Ś | 542.685.942 | | - | Ś | (260,000,000) \$ | (550,568) \$ | 9,953,440 | | (33,056,678) \$ | (5,849,654) | | |
| Total Reserve Managers | \$ | 2,602,732,758 | \$ | - | \$ | (1,060,000,000) \$ | (1,759,148) \$ | 30,208,166 | | (125,031,856) \$ | (13,865,444) | | \$ 1,427,491,3 |
| Total Liquidity & Reserve Managers | \$ | 3,940,798,092 | \$ | 2,920,000,000 | \$ | (1,790,000,000) \$ | (2,806,759) \$ | 46,735,176 | \$ | (164,695,478) \$ | (13,737,780) | \$ (10,006,213) | \$ 4,926,287,0 |
| Land & Water Endowment | | | | | | | | | | | | | |
| SEI Funds | \$ | 44,700,020 | \$ | 7,997,669 | \$ | (6,400) \$ | (176,506) \$ | 1,215,157 | \$ | (12,431,057) \$ | 3,726,854 | \$ - | \$ 45,025,7 |
| Vanguard | \$ | 41,525,917 | \$ | 7,988,307 | \$ | (17,000) \$ | (82,724) \$ | 957,228 | \$ | (8,133,687) \$ | 492,268 | \$ - | \$ 42,730,3 |
| Total Land & Water Endowment | \$ | 86,226,021 | \$ | 15,985,976 | \$ | (23,400) \$ | (259,230) \$ | 2,172,385 | \$ | (20,564,745) \$ | 4,219,122 | \$ - | \$ 87,756,1 |
| CARES | | | | | | | | | | | | | |
| PFM CARES | \$ | 76,743,189 | Ś | - | \$ | (67,824,281) \$ | (45,032) \$ | 534,307 | Ś | (4,112) \$ | (2,318) | \$ (453,021) | \$ 8,948,7 |
| PFM NCC CARES | Ś | 5.471.494 | | - | Ś | (3,964,934) \$ | - \$ | 2,419 | | - Ś | | \$ (4 33,621) | \$ 1,508,9 |
| Wilmington CARES | \$ | 76,693,740 | | - | Ś | (67,824,281) \$ | (21,733) \$ | 27,183 | | (274) \$ | (66) | | , , , |
| Wilmington NCC CARES | Ś | 5.475.625 | | - | Ś | (3,964,934) \$ | (1,101) \$ | 2,580 | | (82) \$ | 718 | | |
| Total CARES | \$ | 164,384,048 | | - | \$ | (143,578,430) \$ | (67,866) \$ | 566,489 | | (4,468) \$ | (1,666) | , , , , | |
| ARPA | | | | | | | | | | | | | |
| PEM ARPA | \$ | 462,847,299 | Ś | 30,005 | Ś | (83,187,808) \$ | (231,150) \$ | 3,525,894 | ć | (3,581,296) \$ | 47,136 | \$ (2,673,261) | \$ 376,776,8 |
| Wilmington ARPA | Ş Ş | 462,114,400 | | 30,005 | Ş Ş | (82,774,734) \$ | (239,483) \$ | 2,657,119 | | (6,559,129) \$ | (331,670) | | , , , |
| Total ARPA | ې \$ | 924,961,699 | | 60,010 | | | (470,633) \$ | 6,183,013 | | (10,140,425) \$ | (284,533) | | |
| Total | \$ | 5,116,369,860 | \$ | 2,936,045,986 | \$ | (2,099,564,372) \$ | (3,604,488) \$ | 55,657,063 | \$ | (195,405,115) \$ | (9,804,857) | \$ (15,030,440) | \$ 5,784,663,6 |

Footnotes:

As of March 9, 2022, the target allocation between Liquidity and Reserve Portfolios was adjusted to 65%/35%. The previous target allocation was 50%/50%.

Values provided by Northern Trust and are reconciled to the audited custodian reports.

Income is a product of income received during the month plus accrued income.

Numbers may not add due to rounding.



YIELD AND DURATION POSITIONING

| | | Liquidity P | ortfolio Yie | ld and Duration | n Analysis | | | | | |
|------------------------------|---|---------------------|--------------|------------------|-----------------------------|--------------|-----------------|--|--|--|
| | Portfolio | | | | | chmark | | | | |
| | Portfolio Value | <u>% of Assets</u> | Yield | Duration | | Yield | Duration | | | |
| PFM \$ | 1,758,096,982 | 35.7% | 2.58% | 0.52 | 6-Month Treasury Bill | 1.57% | 0.48 | | | |
| Wilmington Trust \$ | 1,740,698,726 | 35.3% | 2.89% | 0.91 | 6-Month Treasury Bill | 1.57% | 0.48 | | | |
| Total Liquidity \$ | 3,498,795,708 | 71.0% | 2.73% | 0.71 | 6-Month Treasury Bill | 1.57% | 0.48 | | | |
| | Reserve Portfolio Yield and Duration Analysis | | | | | | | | | |
| | Portfolio | | | | Ben | chmark | | | | |
| | Portfolio Value | <u>% of Assets</u> | Yield | <u>Duration</u> | | Yield | <u>Duration</u> | | | |
| JP Morgan \$ | 543,213,871 | 11.0% | 3.29% | 1.87 | BAML 1-3 Yr Govt/Credit A+ | 2.57% | 1.89 | | | |
| BlackRock \$ | 378,121,432 | 7.7% | 3.28% | 2.58 | BAML 1-5 Yr Govt/Credit A+ | 2.73% | 2.64 | | | |
| Chandler \$ | 255,893,933 | 5.2% | 3.54% | 6.11 | BAML 5-10 Yr Govt/Credit A+ | 3.12% | 6.51 | | | |
| Lazard \$ | 250,262,091 | 5.1% | 3.45% | 6.22 | BAML 5-10 Yr Govt/Credit A+ | 3.12% | 6.51 | | | |
| Total Reserve \$ | 1,427,491,327 | 29.0% | 3.36% | 3.58 | Custom Reserve Benchmark | 2.89% | 4.39 | | | |
| | | | | | | | | | | |
| | | Total Liquidity & F | leserve Por | ttolio Yield and | Duration Analysis | | | | | |
| | Portfolio | | | | Ben | chmark | | | | |
| | <u>Portfolio Value</u> | <u>% of Assets</u> | <u>Yield</u> | <u>Duration</u> | | <u>Yield</u> | <u>Duration</u> | | | |
| Total Liquidity & Reserve \$ | 4,926,287,035 | 100.0% | 2.92% | 1.54 | Weighted Average | 2.49% | 3.22 | | | |

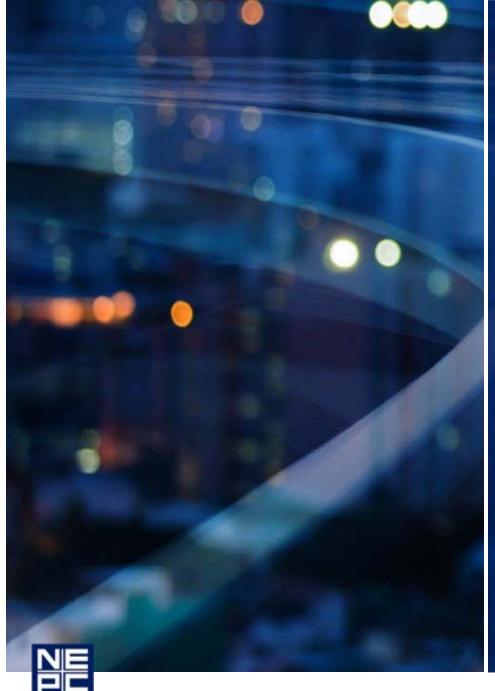
As of March 9, 2022, the target allocation between Liquidity and Reserve Portfolios was adjusted to 65%/35%. The previous target allocation was 50%/50%.



LEVEL 144A SECURITIES

| | MV - 6/30/22 (\$) | 144A Securities MV (\$) | 144A Securities Percent of Total Portfolio (%) | 144A Securities Percent of Manager Portfolio (%) |
|-------------------------------|----------------------|----------------------------|---|---|
| Delaware Total Consolidation | \$5,784,663,635 | \$442,499,729 | 7.6% | |
| Total Liquidity & Reserve | \$4,926,287,035 | \$442,499,729 | 7.6% | |
| Total Liquidity | \$3,498,795,708 | \$326,629,391 | 5.6% | |
| PFM Asset Management | \$1,758,096,982 | \$10,621,490 | 0.2% | 0.6% |
| Wilmington Liquidity | \$1,740,698,726 | \$316,007,902 | 5.5% | 18.2% |
| Total Reserve | \$1,427,491,327 | \$115,870,337 | 2.0% | |
| JPM Intermediate | \$543,213,871 | \$84,080,000 | 1.5% | 15.5% |
| Blackrock Financial Mangement | \$378,121,432 | \$27,900,749 | 0.5% | 7.4% |
| Chandler Asset Management | \$255,893,933 | \$3,889,588 | 0.1% | 1.5% |
| Lazard Financial Management | \$250,262,091 | \$0 | 0.0% | 0.0% |
| Total Endowment | \$87,756,130 | \$0 | 0.0% | |
| SEI Funds | \$45,025,736 | \$0 | 0.0% | |
| Vanguard Funds | \$42,730,310 | \$0 | 0.0% | |
| CARES | \$20,878,629 | \$0 | 0.0% | |
| PFM CARES | \$8,948,733 | \$0 | 0.0% | |
| PFM NCC CARES | \$1,508,979 | \$0 | 0.0% | |
| Wilmington CARES | \$8,908,368 | \$0 | 0.0% | |
| Wilmington NCC CARES | \$1,512,549 | \$0 | 0.0% | |
| ARPA | \$749,741,842 | \$0 | 0.0% | |
| PFM ARPA | \$376,776,820 | \$0 | 0.0% | |
| Wilmington ARPA | \$372,965,022 | \$42,007,151 | 0.7% | 11.3% |



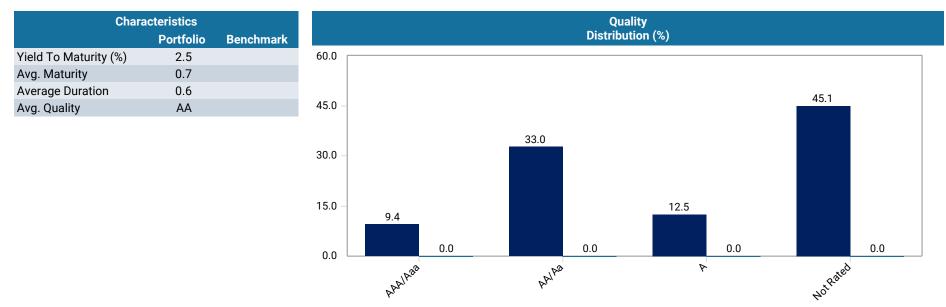


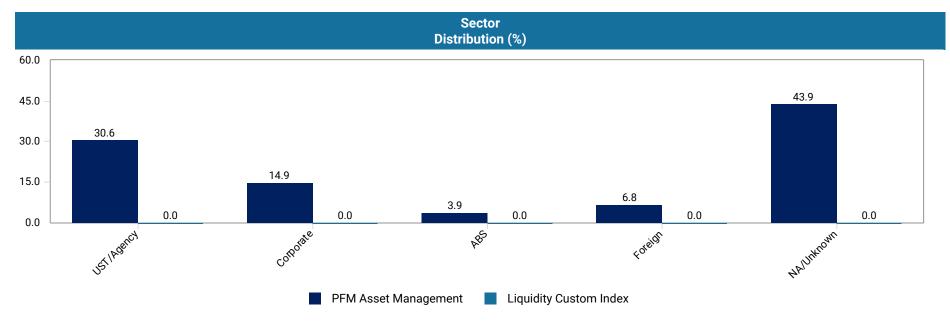
LIQUIDITY MANAGER REVIEW



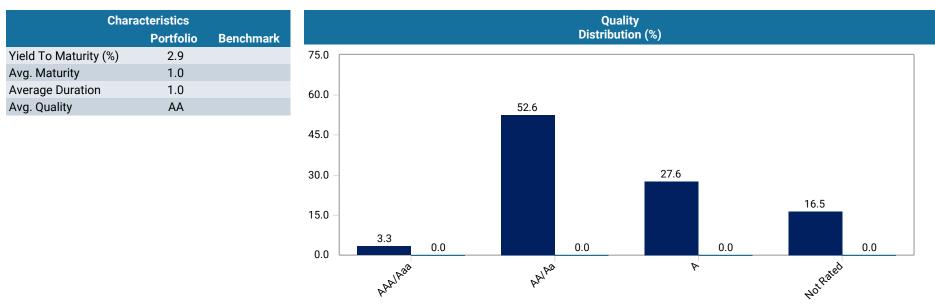
PROPRIETARY & CONFIDENTIAL

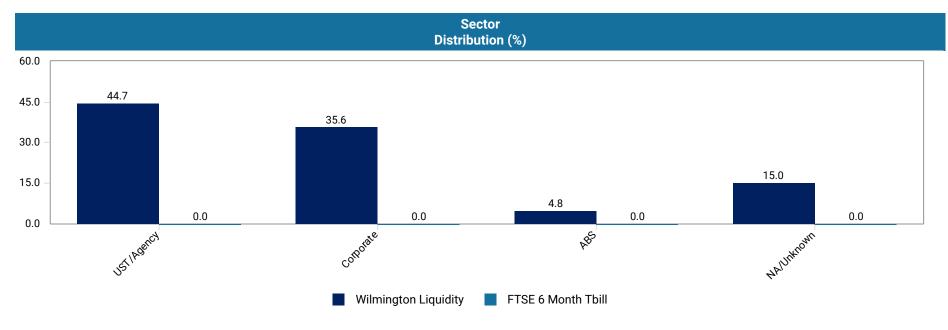
Delaware State Treasury **PFM ASSET MANAGEMENT**



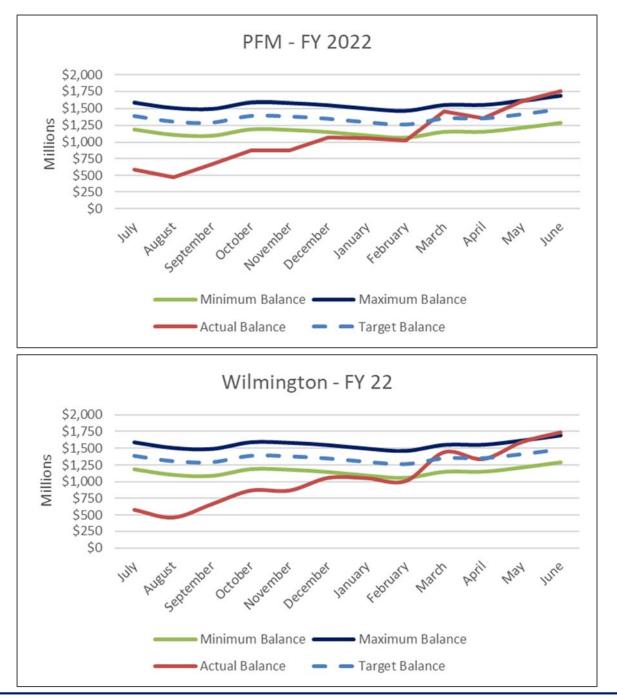


Delaware State Treasury WILMINGTON LIQUIDITY

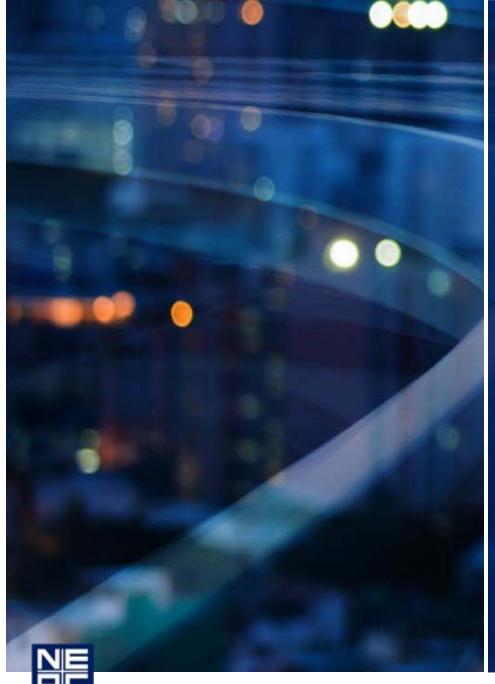




LIQUIDITY MANAGERS – TARGET BALANCES







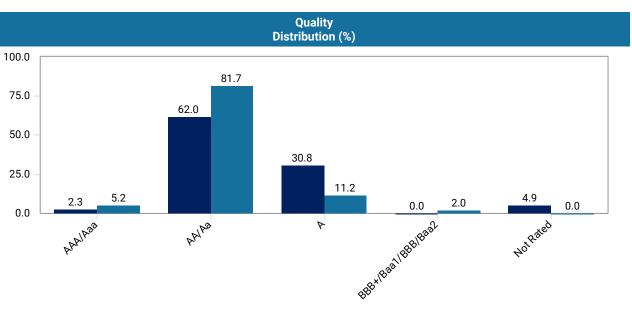
RESERVE MANAGER **REVIEW**

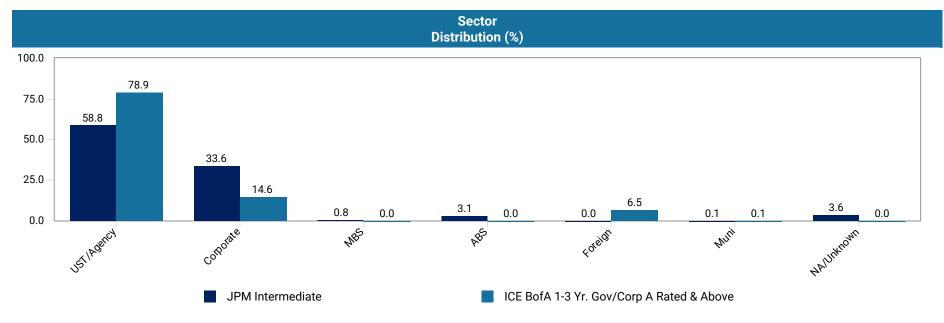


PROPRIETARY & CONFIDENTIAL

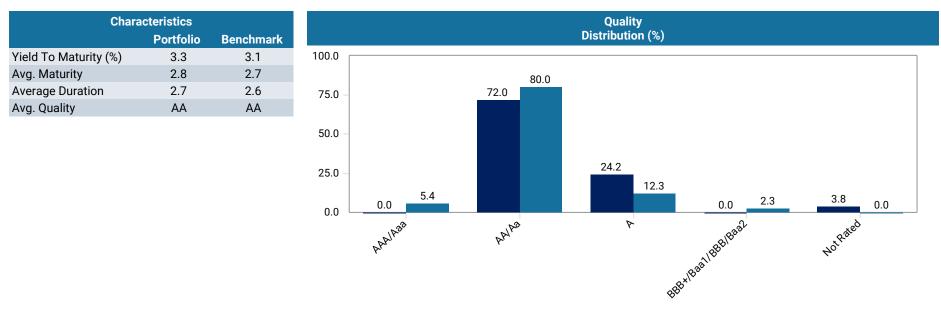
Delaware State Treasury JPM INTERMEDIATE

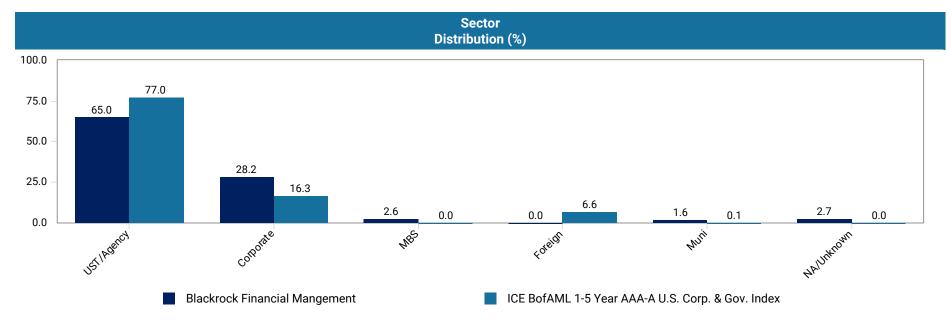
| Characteristics | | | | | | | |
|-----------------------|-----------|-----------|--|--|--|--|--|
| | Portfolio | Benchmark | | | | | |
| Yield To Maturity (%) | 3.3 | 3.1 | | | | | |
| Avg. Maturity | 2.0 | 1.9 | | | | | |
| Average Duration | 1.9 | 1.9 | | | | | |
| Avg. Quality | AA | AA | | | | | |





Delaware State Treasury BLACKROCK FINANCIAL MANGEMENT

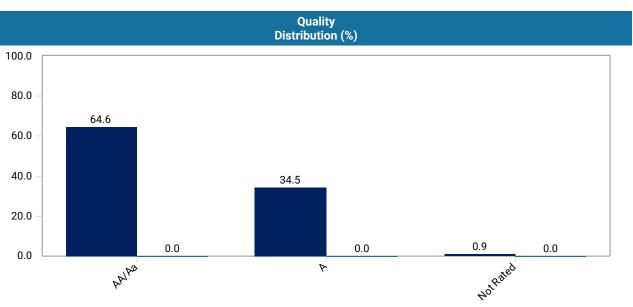


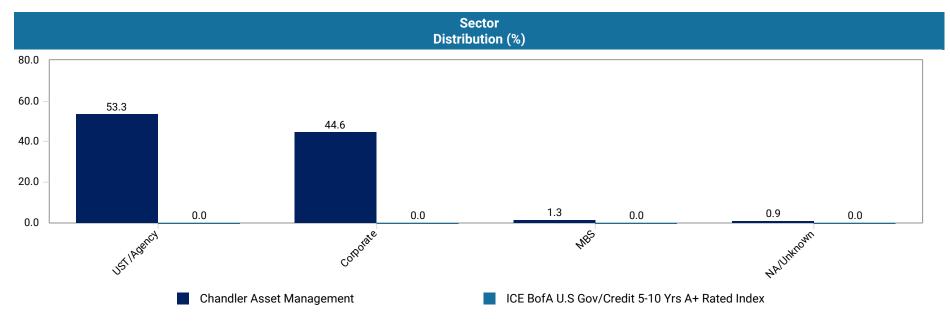


June 30, 2022

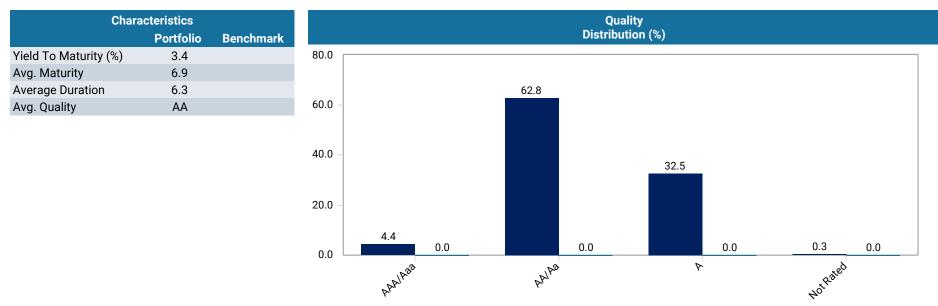
Delaware State Treasury CHANDLER ASSET MANAGEMENT

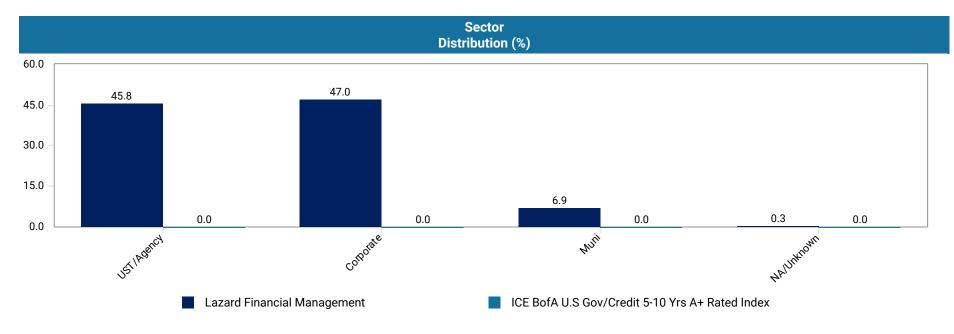
| Characteristics | | | | | | | | | |
|-----------------------|-----|--|--|--|--|--|--|--|--|
| Portfolio Benchmark | | | | | | | | | |
| Yield To Maturity (%) | 3.6 | | | | | | | | |
| Avg. Maturity | 6.8 | | | | | | | | |
| Average Duration | 6.1 | | | | | | | | |
| Avg. Quality | AA | | | | | | | | |

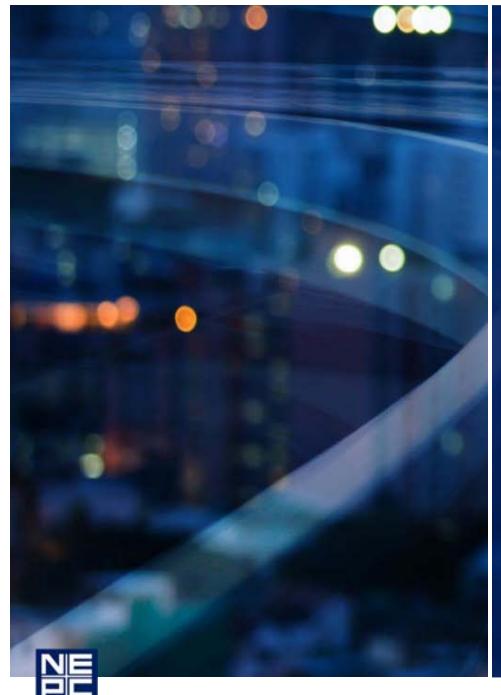




Delaware State Treasury LAZARD FINANCIAL MANAGEMENT



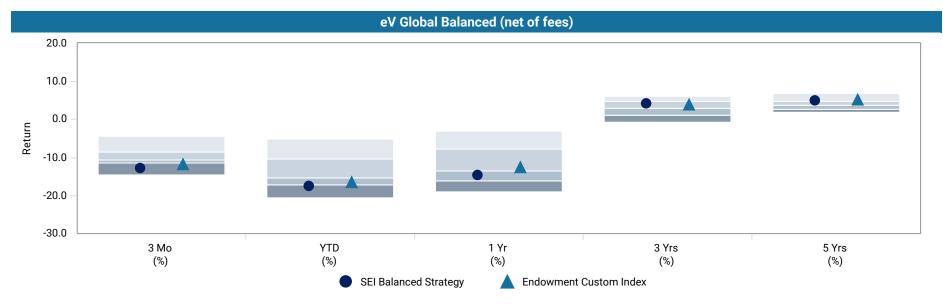




ENDOWMENT MANAGER REVIEW



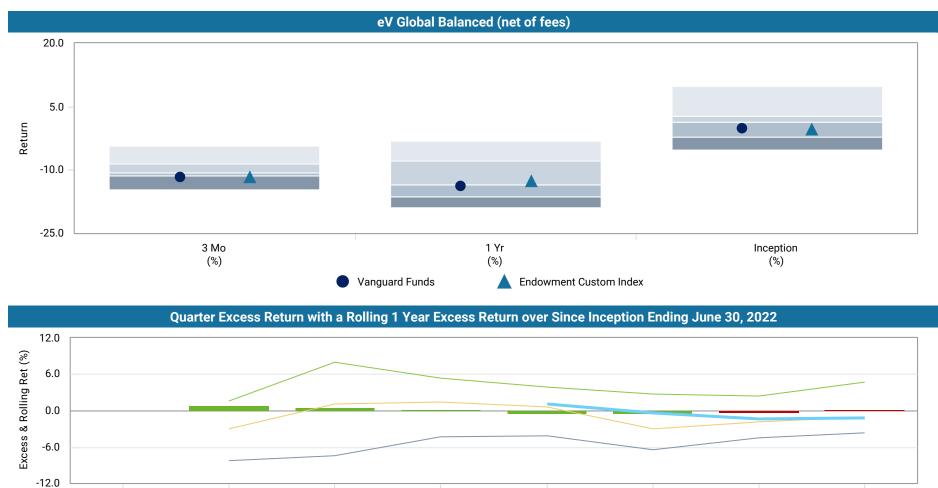
Delaware State Treasury SEI BALANCED STRATEGY



Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2022 12.0 Excess & Rolling Ret (%) 6.0 0.0 -6.0 -12.0 Q3-15 Q2-22 Q2-16 Q3-18 Q2-19 Q1-20 Q4-20 Q1-17 Q4-17 Q3-21 Quarterly Excess Return (up market) Quarterly Excess Return (down market) Rolling 1 Year Excess Return Universe Upper Quartile Universe Median — Universe Lower Quartile



Delaware State Treasury VANGUARD FUNDS



Q3-20

Q4-20

Universe Upper Quartile

Quarterly Excess Return (up market)

Q1-21

Quarterly Excess Return (down market)

Q2-21

Universe Median

Q3-21

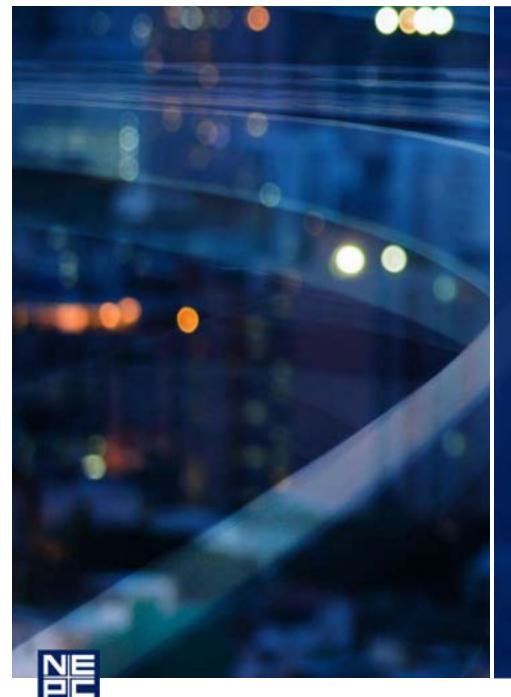
Q4-21

Rolling 1 Year Excess Return

— Universe Lower Quartile

Q1-22

Q2-22

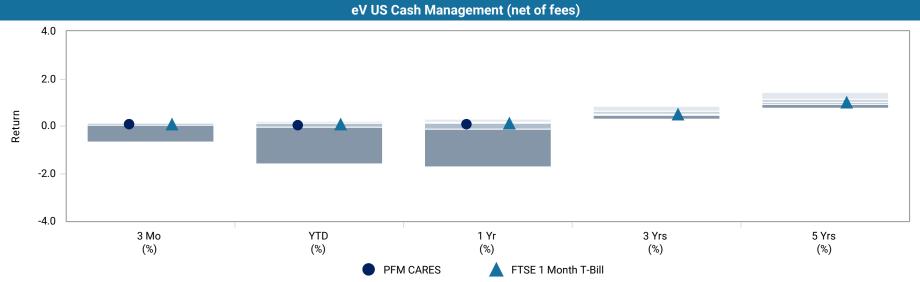


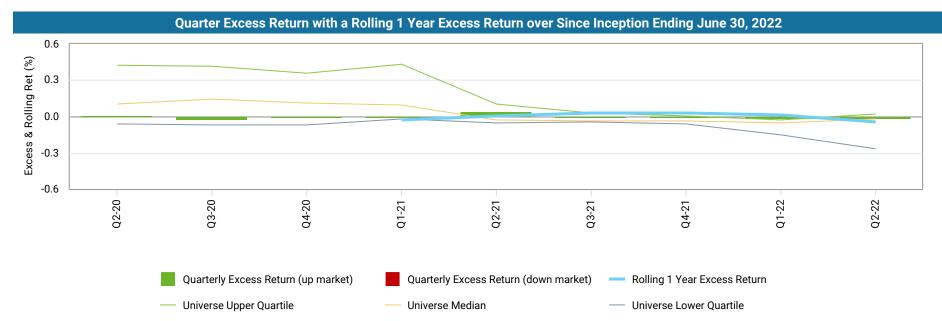
CARES MANAGER REVIEW

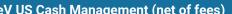


PROPRIETARY & CONFIDENTIAL

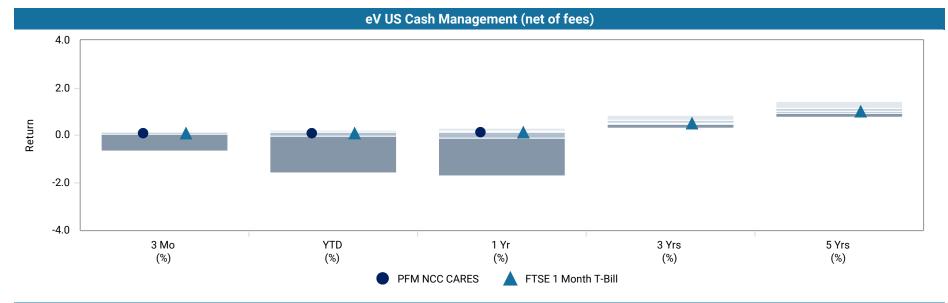
Delaware State Treasury PFM CARES





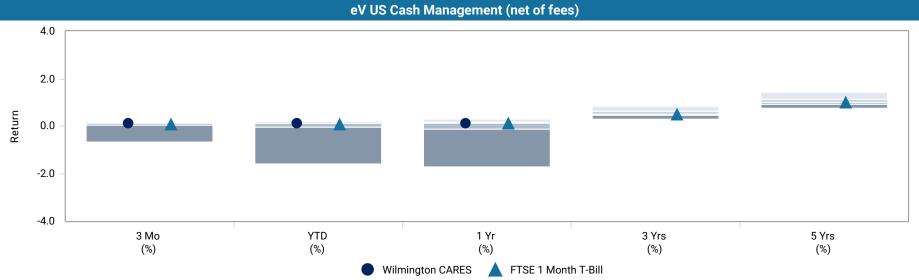


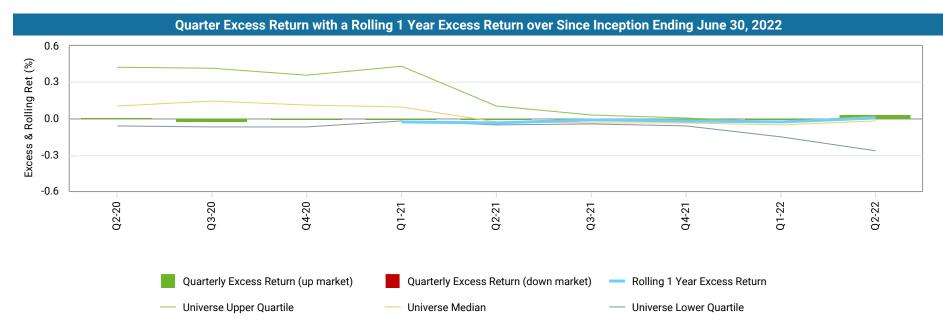
Delaware State Treasury **PFM NCC CARES**



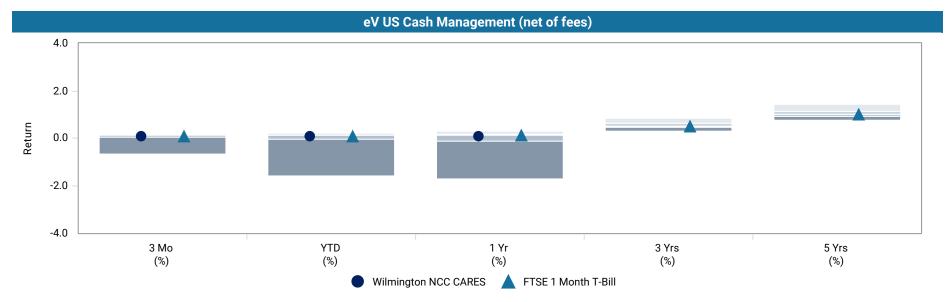
Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2022 0.6 Excess & Rolling Ret (%) 0.3 0.0 -0.3 -0.6 Q1-21 Q3-21 Q2-22 Q2-21 Q4-21 Q1-22 Quarterly Excess Return (up market) Quarterly Excess Return (down market) — Rolling 1 Year Excess Return — Universe Upper Quartile Universe Median — Universe Lower Quartile

Delaware State Treasury WILMINGTON CARES

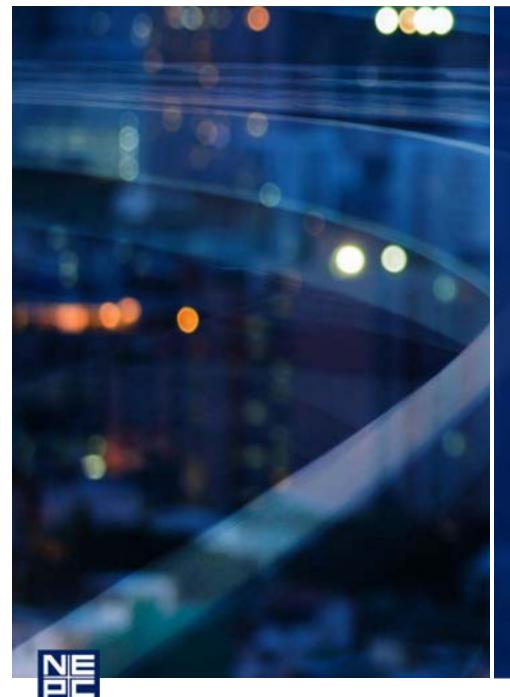




Delaware State Treasury WILMINGTON NCC CARES



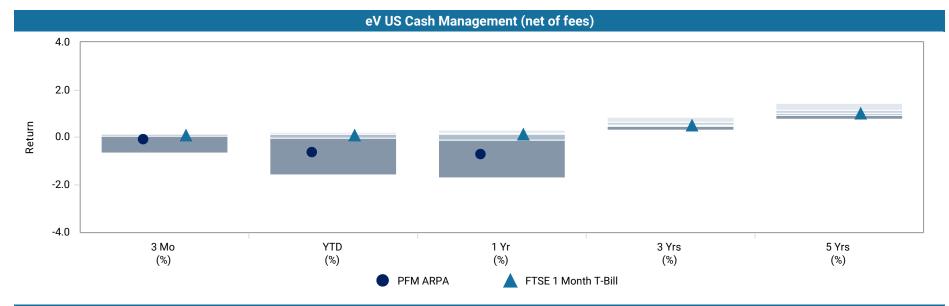
Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2022 0.6 Excess & Rolling Ret (%) 0.3 0.0 -0.3 -0.6 Q3-21 Q2-22 Q1-21 Q2-21 Q4-21 Q1-22 Quarterly Excess Return (up market) Quarterly Excess Return (down market) — Rolling 1 Year Excess Return — Universe Upper Quartile Universe Median — Universe Lower Quartile



ARPA MANAGER REVIEW

PROPRIETARY & CONFIDENTIAL

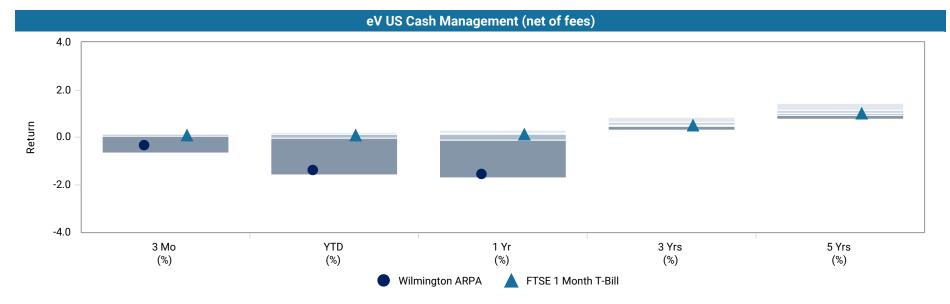
Delaware State Treasury **PFM ARPA**



Quarter Excess Return with a Rolling 0.5 Year Excess Return over Since Inception Ending June 30, 2022 0.3 Excess & Rolling Ret (%) 0.0 -0.3 -0.6 -0.9 -1.2 Q3-21 Q2-22 Q2-21 Q1-22 Q4-21 Quarterly Excess Return (up market) Quarterly Excess Return (down market) Rolling 0.5 Year Excess Return — Universe Upper Quartile Universe Median — Universe Lower Quartile



Delaware State Treasury WILMINGTON ARPA



Quarter Excess Return with a Rolling 0.25 Year Excess Return over Since Inception Ending June 30, 2022 0.4 Excess & Rolling Ret (%) 0.0 -0.4 -0.8 -1.2 -1.6 Q2-22 Q2-21 Q3-21 Q4-21 Q1-22 Quarterly Excess Return (up market) Quarterly Excess Return (down market) Rolling 0.25 Year Excess Return — Universe Upper Quartile Universe Median — Universe Lower Quartile



36

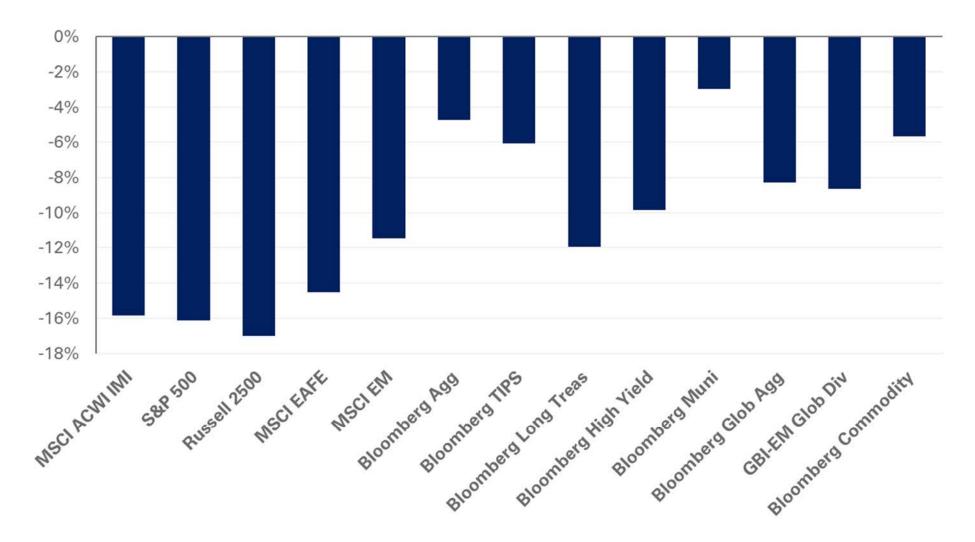


REPORT APPENDIX



PROPRIETARY & CONFIDENTIAL

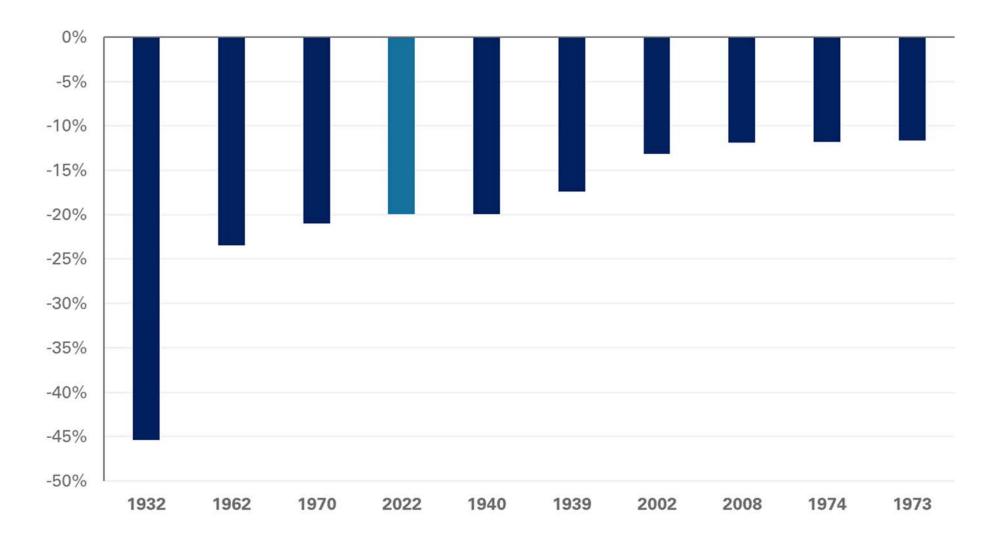
GLOBAL MARKETS BROADLY DECLINED QUARTERLY TOTAL RETURNS





Source: MSCI, S&P, Russell, MSCI, Bloomberg, JPM, FactSet

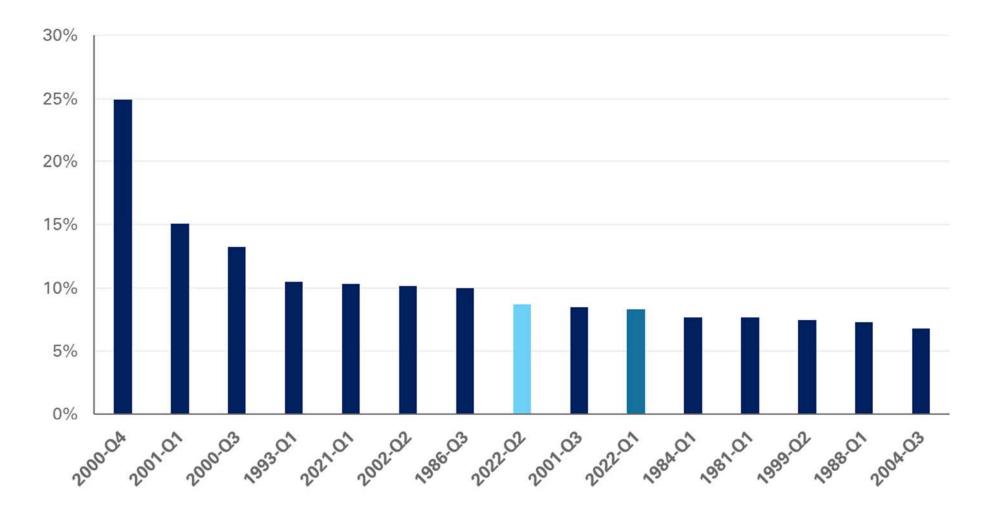
WORST START FOR THE S&P IN OVER 50 YEARS TOP 10 S&P 500 LOSSES IN FIRST HALF OF THE YEAR





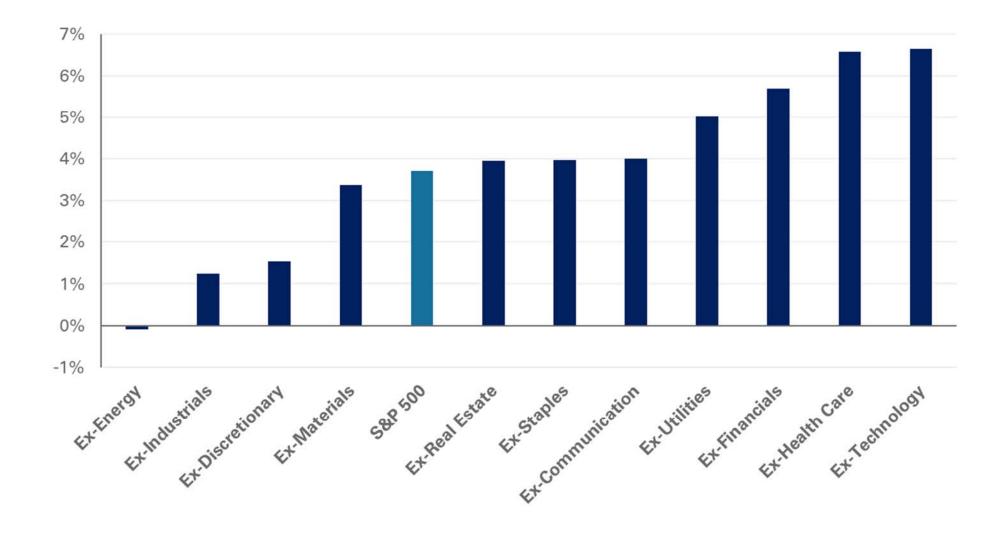
Source: S&P, FactSet

VALUE OUTPERFORMED GROWTH OVER 02 TOP 15 RUSSELL 1000 VALUE – GROWTH TOTAL RETURN



Source: Russell, FactSet

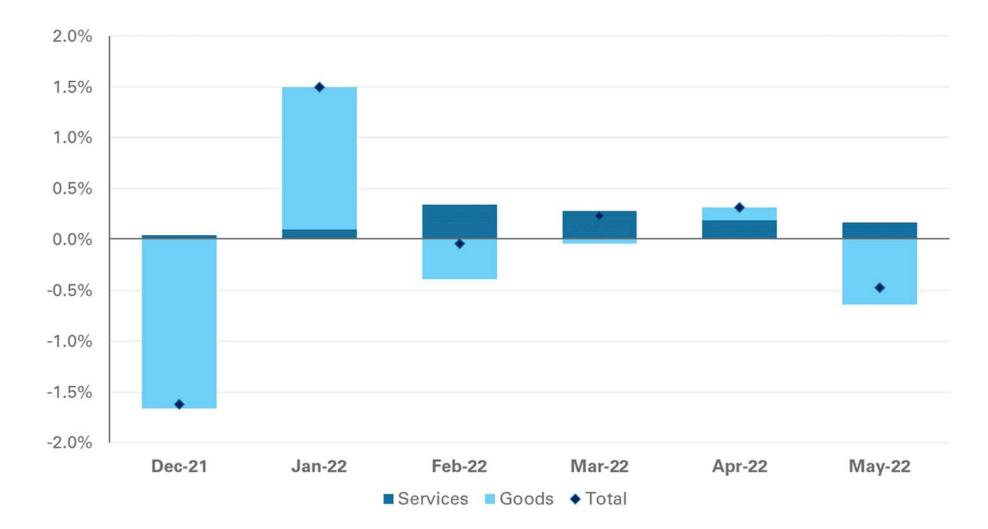
S&P EARNINGS BUOYED BY THE ENERGY SECTOR QUARTER-OVER-QUARTER EARNINGS GROWTH RATE IN Q2



Source: S&P, FactSet

SPENDING ON GOODS DECLINED

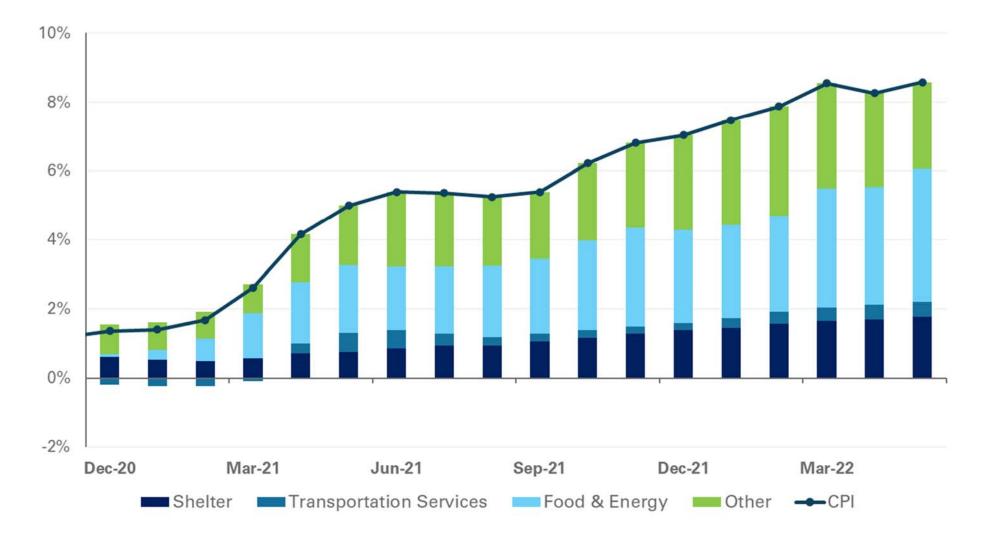
MONTHLY CHANGE IN PERSONAL CONSUMPTION EXPENDITURE





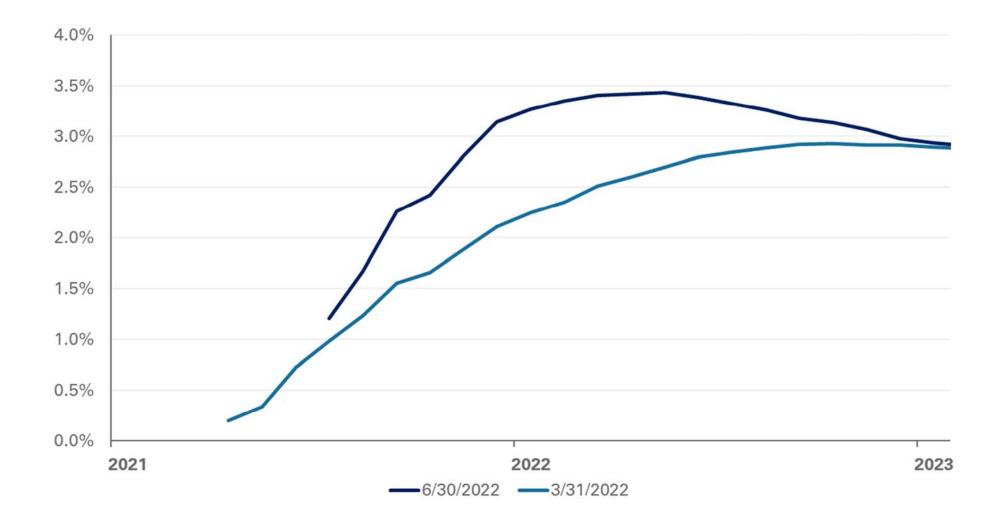
Sources: Bureau of Economic Analysis, FactSet, NEPC

INFLATION CONTINUED TO TREND HIGHER ANNUAL U.S. CPI-U CHANGES



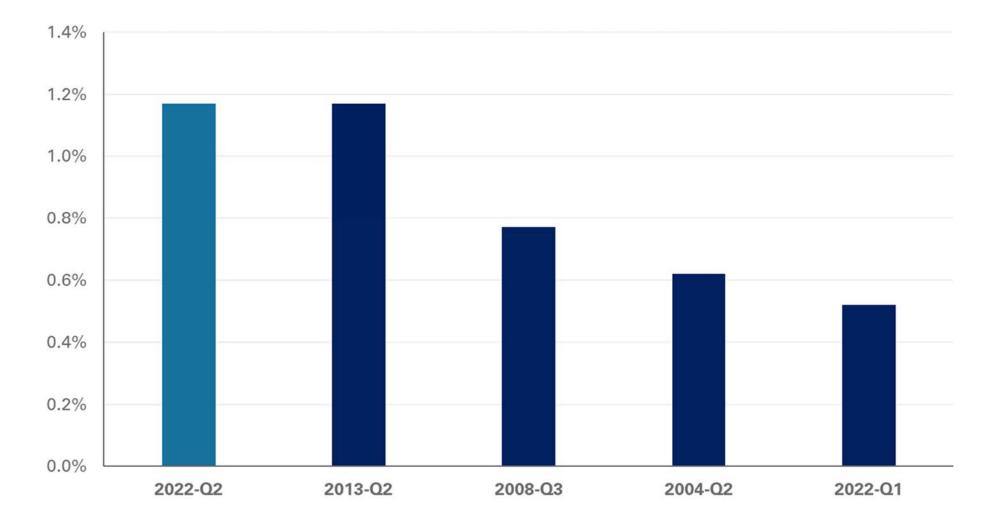


RATE HIKE EXPECTATIONS INCREASED FEDERAL FUNDS FUTURES





REAL YIELDS SURGED DURING THE QUARTER TOP 5 QUARTERLY CHANGE IN 10-YEAR TIPS REAL YIELDS

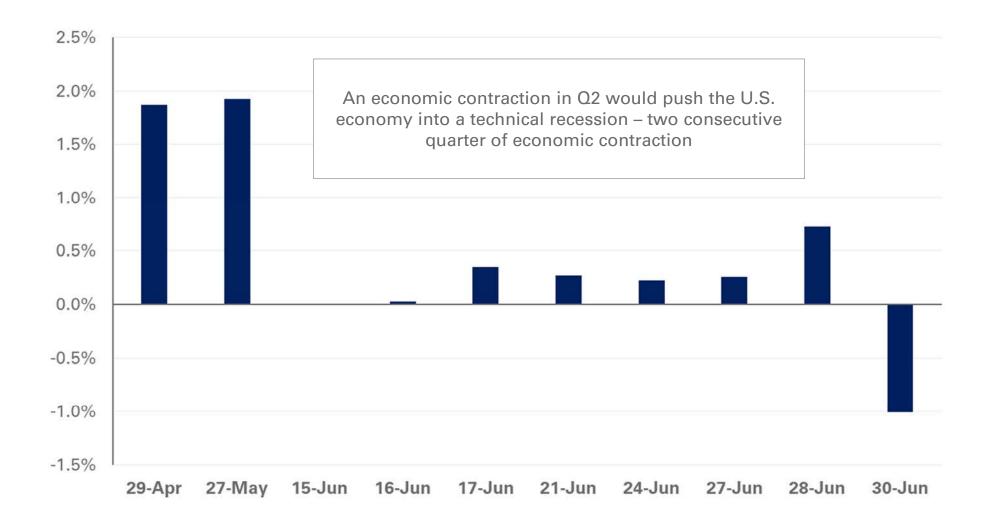




Calculated based on data between 12/31/2002 to 6/30/2022 Source: FactSet

RISING RECESSION RISKS

Q2 ECONOMIC GROWTH FORECAST - ATLANTA FED GDPNOW

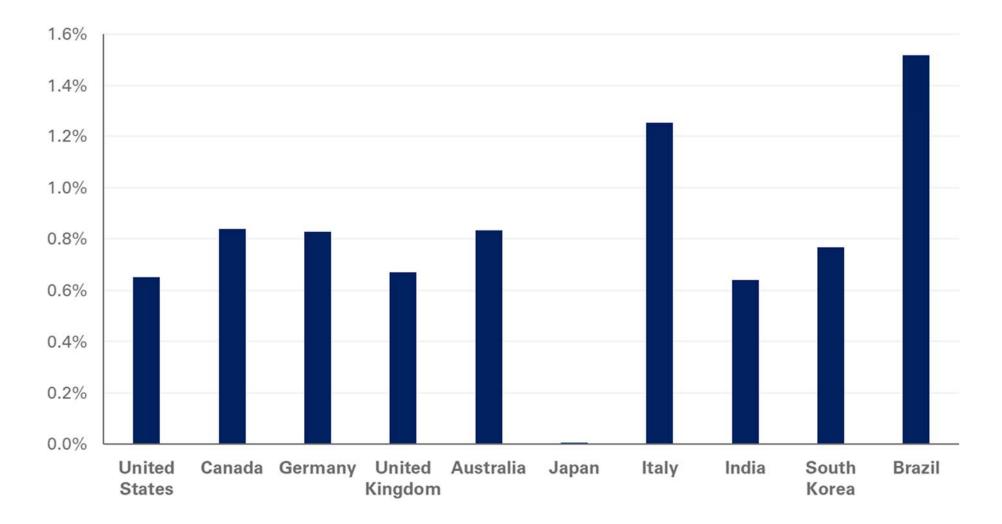




Source: Federal Reserve of Atlanta

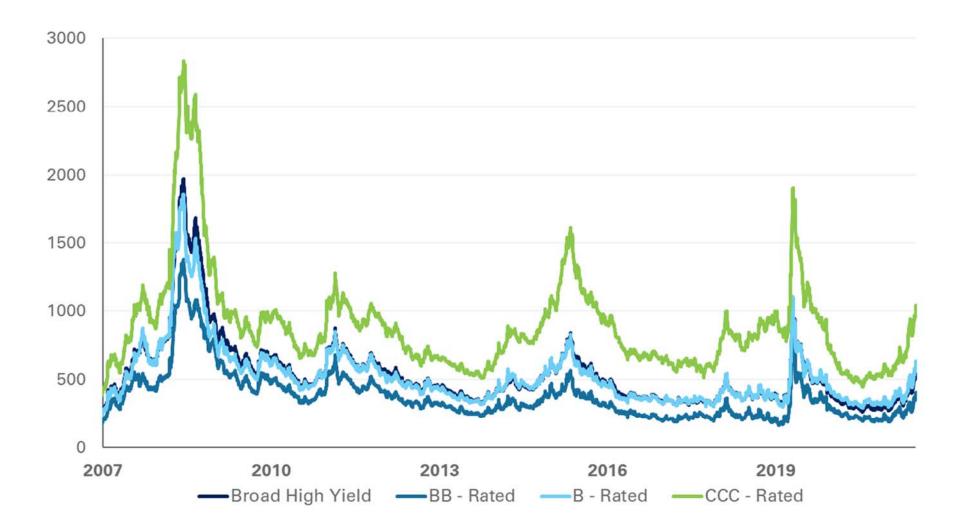
GLOBAL YIELDS SHIFTED HIGHER

QUARTERLY CHANGE IN 10-YEAR GOVERNMENT BOND YIELDS





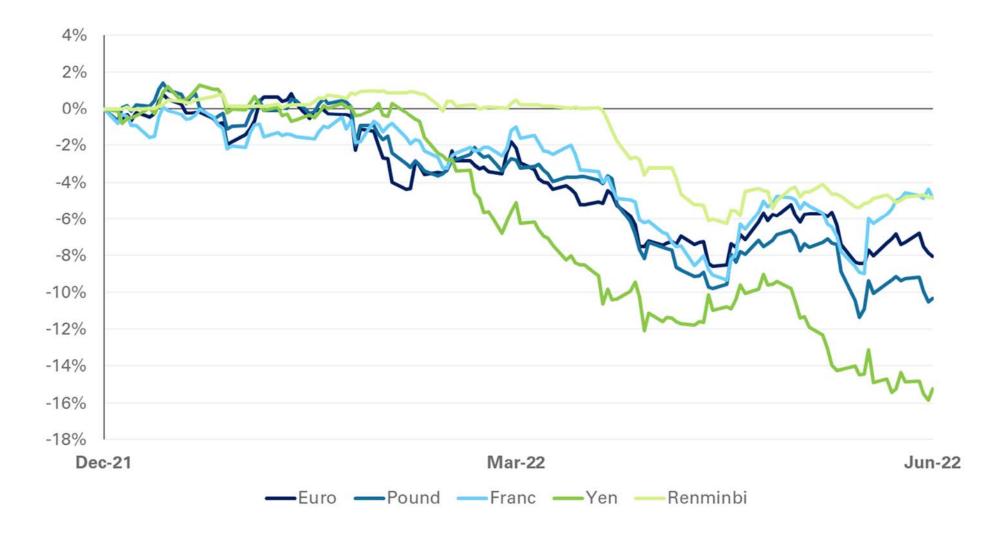
CORPORATE CREDIT SPREADS WIDENED OPTION ADJUSTED SPREAD





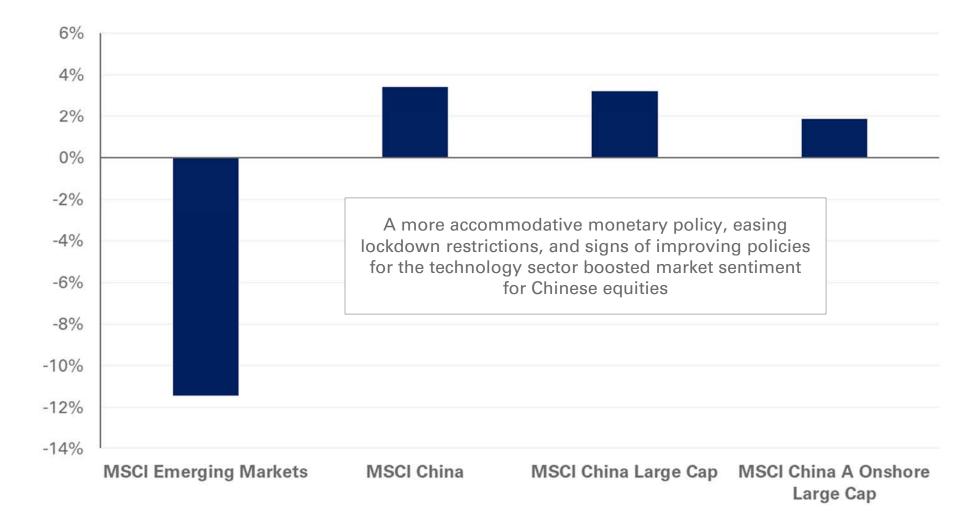
Source: Bloomberg, FactSet

DOLLAR STRENGTH WEIGHED ON NON-US ASSETS CUMULATIVE CURRENCY RETURN



Source: FactSet

CHINESE EQUITIES OUTPERFORMED IN Q2 QUARTERLY TOTAL RETURN





Source: MSCI, FactSet

Of Portfolios/Observations¹

- The total number of data points that make up a universe or sample.

Allocation Index³

 The Allocation Index measures the value added to (or subtracted from) each portfolio by active management. It is calculated monthly: The portfolio weight allocated to each category from the prior month-end is multiplied by a specified market index return.

Asset Allocation Effect²

Measures an investment manager's ability to effectively allocate their portfolio's assets to various sectors. The allocation effect determines whether the overweighting or underweighting of sectors relative to a benchmark contributes positively or negatively to the overall portfolio return. Positive allocation occurs when the portfolio is over weighted in a sector that outperforms the benchmark and underweighted in a sector that underperforms the benchmark. Negative allocation occurs when the portfolio is over weighted in a sector that underperforms the benchmark and under weighted in a sector that outperforms the benchmark and under weighted in a sector that outperforms the benchmark.

Agency Bonds (Agencies)³

The full faith and credit of the United States government is normally not pledged to payment of principal and interest on the majority of government agencies issuing these bonds, with maturities of up to ten years. Their yields, therefore, are normally higher than government and their marketability is good, thereby qualifying them as a low risk-high liquidity type of investment. They are eligible as security for advances to the member banks by the Federal Reserve, which attests to their standing.

Asset Backed Securities (ABS)³

 Bonds which are similar to mortgage-backed securities but are collateralized by assets other than mortgages; commonly backed by credit card receivables, auto loans, or other types of consumer financing.

Attribution³

 Attribution is an analytical technique used to evaluate the performance of a portfolio relative to a benchmark. A proper attribution highlights where value was added or subtracted as a result of the manager's decisions.

Average Effective Maturity⁴

- For a single bond, it is a measure of maturity that takes into account the possibility that a bond might be called back to the issuer.

For a portfolio of bonds, average effective maturity is the weighted average of the maturities of the underlying bonds. The measure is computed by weighing each bond's maturity by its market value with respect to the portfolio and the likelihood of any of the bonds being called. In a pool of mortgages, this would also account for the likelihood of prepayments on the mortgages.

Batting Average¹

 A measurement representing an investment manager's history in surpassing an index.

Formula: Divide the number of days (or months, quarters, etc.) in which the manager beat or matched the index by the total number of days (or months, quarters, etc.) in the time period, and multiply that factor by 100.

Brinson Fachler (BF) Attribution¹

 The BF methodology is a highly accepted industry standard for calculating the allocation, selection, and interaction effects within a portfolio that collectively explains a portfolio's underlying performance. The main advantage of the BF methodology is that rather than using the overall return of the benchmark, it goes a level deeper than BHB and measures whether the benchmark sector, country, etc. outperformed/or underperformed the overall benchmark.



Source: ¹InvestorForce, ²Interaction Effect Performance Attribution, ³NEPC, LLC, ⁴Investopedia, ⁵Hedgeco.net

Brinson Hood Beebower (BHB) Attribution¹

 The BHB methodology shows that excess return must be equal to the sum of all other factors (i.e., allocation effect, selection effect, interaction effect, etc.). The advantage to using the BHB methodology is that it is a highly accepted industry standard for calculating the allocation, selection, and interaction effects within a portfolio that collectively explains a portfolio's underlying performance.

Corporate Bond (Corp)⁴

 A debt security issued by a corporation and sold to investors. The backing for the bond is usually the payment ability of the company, which is typically money to be earned from future operations. In some cases, the company's physical assets may be used as collateral for bonds.

Correlation¹

 A range of statistical relationships between two or more random variables or observed data values. A correlation is a single number that describes the degree of relationship between variables.

Coupon⁴

 The interest rate stated on a bond when it is issued. The coupon is typically paid semiannually. This is also referred to as the "coupon rate" or "coupon percent rate."

Currency Effect¹

 The effect that changes in currency exchange rates over time affect excess performance.

Derivative Instrument³

 A financial obligation that derives its precise value from the value of one or more other instruments (or assets) at the same point of time.
 For example, the relationship between the value of an S&P 500 futures contract (the derivative instrument in this case) is determined by the value of the S&P 500 Index and the value of a U.S. Treasury bill that matures at the expiration of the futures contract.

Downside Deviation¹

 The standard deviation of negative return or the measure of downside risk focusing on the standard deviation of negative returns.

Formula: Annualized Standard Deviation (Fund Return - Average Fund Return) where average fund return is greater than individual fund returns, monthly or quarterly.

Duration³

 Duration is a measure of interest rate risk. The greater the duration of a bond, or a portfolio of bonds, the greater its price volatility will be in response to a change in interest rates. A bond's duration is inversely related to interest rates and directly related to time to maturity.

Equity/Debt/Cash Ratio¹

 The percentage of an investment or portfolio that is in Equity, Debt, and/or Cash (i.e. a 7/89/4 ratio represents an investment that is made up of 7% Equity, 89% Debt, and 4% Cash).

Foreign Bond³

 A bond that is issued in a domestic market by a foreign entity, in the domestic market's currency. A foreign bond is most often issued by a foreign firm to raise capital in a domestic market that would be most interested in purchasing the firm's debt. For foreign firms doing a large amount of business in the domestic market, issuing foreign bonds is a common practice.

Hard Hurdle⁵

 A rate of return that, once beaten, allows a fund manager to charge a performance fee on returns above the specified hurdle rate.

High-Water Mark⁴

The highest value that an investment fund/account has reached. This term is often used in the context of fund manager compensation, which is performance-based. Some performance-based fees only get paid when fund performance exceeds the high-water mark. The high-water mark ensures that the manager does not get paid large sums for poor performance.



Source: ¹InvestorForce, ²Interaction Effect Performance Attribution, ³NEPC, LLC, ⁴Investopedia, ⁵Hedgeco.net

High-Water Mark⁴

The highest value that an investment fund/account has reached. This term is often used in the context of fund manager compensation, which is performance-based. Some performance-based fees only get paid when fund performance exceeds the high-water mark. The high-water mark ensures that the manager does not get paid large sums for poor performance.

Hurdle Rate⁴

 The minimum rate of return on an investment required for a manager to collect incentive fees from the investor, which is usually tied to a benchmark.

Interaction Effect²

The Interaction Effect measures the combined impact of an investment manager's selection and allocation decisions within a sector. For example, if an investment manager had superior selection and over weighted that particular sector, the interaction effect is positive. If an investment manager had superior selection, but underweighted that sector, the interaction effect is negative. In this case, the investment manager did not take advantage of the superior selection by allocating more assets to that sector. Since many investment managers consider the interaction effect to be part of the selection or the allocation, it is often combined with either effect.

Median³

 The value that exceeds one-half of the values in a population and that is exceeded by one-half of the values. The median has a percentile rank
 of 50.

Modified Duration³

 The percentage change in the price of a fixed income security that results from a change in yield.

Mortgage Backed Securities (MBS)³

 Bonds which are a general obligation of the issuing institution but are also collateralized by a pool of mortgages.

Municipal Bond (Muni)⁴

 A debt security issued by a state, municipality or county to finance its capital expenditures.

Net Investment Change¹

- The change in an investment after accounting for all Net Cash Flows.

Performance Fee⁴

 A payment made to a fund manager for generating positive returns. The performance fee is generally calculated as a percentage of investment profits, often both realized and unrealized.

Policy Index³

 A custom benchmark designed to indicate the returns that a passive investor would earn by consistently following the asset allocation targets set forth in the investment policy statement.

Price to Book (P/B)4

 A ratio used to compare a stock's market value to its book value. It is calculated by dividing the current closing price of the stock by the latest quarter's book value per share, also known as the "price-equity ratio".

Price to Earnings (P/E)³

- The weighted equity P/E is based on current price and trailing 12 months earnings per share (EPS).

Price to Sales (P/S)⁴

 A ratio for valuing a stock relative to its own past performance, other companies, or the market itself. Price to sales is calculated by dividing a stock's current price by its revenue per share for the trailing 12 months.

Quartile³

 One of four segments of a distribution. The top quartile consists of observations that rank from 1 to 25, the second quartile consists of observations that rank between 25 and 50, etc.



Source: 1InvestorForce, 2Interaction Effect Performance Attribution, 3NEPC, LLC, 4Investopedia, 5Hedgeco.net

Rank³

 The relative position of a single observation in a larger population. Universe rankings range from 1 to 100, with 1 being the best and 100 the worst.

Return on Equity (ROE)⁴

 The amount of net income returned as a percentage of shareholders equity. Return on equity measures a corporation's profitability by revealing how much profit a company generates with the money shareholders have invested.

Selection (or Manager) Effect²

Measures the investment manager's ability to select securities within a given sector relative to a benchmark. The over or underperformance of the portfolio is weighted by the benchmark weight, therefore, selection is not affected by the manager's allocation to the sector. The weight of the sector in the portfolio determines the size of the effect: The larger the sector, the larger the effect, positive or negative.

Soft Hurdle⁵

 A rate of return that, once beaten, allows a fund manager to charge a performance fee based on the entire annualized return.

Tiered Fee¹

 A fee structure that is paid to fund managers based on the size of the investment (i.e. 1.00% fee on the first \$10M invested, 0.90% on the next \$10M, and 0.80% on the remaining balance).

Total Effect²

 The active management (total) effect is the sum of the selection, allocation, and interaction effects. It is also the difference between the total portfolio return and the total benchmark return. You can use the active management effect to determine the amount the investment manager has added to a portfolio's return.

Total Return¹

 The actual rate of return of an investment over a specified time period. Total return includes interest, capital gains, dividends, and distributions realized over the time period.

Universe³

- The list of all assets eligible for inclusion in a portfolio, or group of portfolios eligible for inclusion in a distribution.

Upside Deviation¹

Standard Deviation of Positive Returns

Weighted Average Market Cap.⁴

 A stock market index weighted by the market capitalization of each stock in the index. In such a weighting scheme, larger companies account for a greater portion of the index. Most indexes are constructed in this manner, with the best example being the S&P 500.

Yield (%)³

- The current yield of a security is the current indicated annual dividend rate divided by current price.

Yield to Maturity³

- The discount rate that equates the present value of cash flows, both principal and interest, to market price.



Source: ¹InvestorForce, ²Interaction Effect Performance Attribution, ³NEPC, LLC, ⁴Investopedia, ⁵Hedgeco.net

DISCLAIMERS & DISCLOSURES

Past performance is no guarantee of future results.

Returns for pooled funds, e.g. mutual funds and collective investment trusts, are collected from third parties; they are not generally calculated by NEPC. Returns for separate accounts, with some exceptions, are calculated by NEPC. Returns are reported net of manager fees unless otherwise noted.

A "since inception" return, if reported, begins with the first full month after funding, although actual inception dates (e.g. the middle of a month) and the timing of cash flows are taken into account in Composite return calculations.

NEPC's preferred data source is the plan's custodian bank or record-keeper. If data cannot be obtained from one of the preferred data sources, data provided by investment managers may be used. Information on market indices and security characteristics is received from additional providers. While NEPC has exercised reasonable professional care in preparing this report, we cannot guarantee the accuracy of all source information contained within. In addition, some index returns displayed in this report or used in calculation of a policy index, allocation index or other custom benchmark may be preliminary and subject to change.

All investments carry some level of risk. Diversification and other asset allocation techniques are not guaranteed to ensure profit or protect against losses.

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Source of private fund performance benchmark data: Cambridge Associates, via Refinitiv





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