



# INVESTMENT PERFORMANCE SUMMARY

OFFICE OF THE TREASURER & CASH MANAGEMENT POLICY BOARD



MONTH ENDING JUNE 30, 2025

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# **INDEX PERFORMANCE**

	June 2025	3Q 2024	4Q 2024	1Q 2025	2Q 2025	5yr	10yr	2020	2021	2022	2023	2024
Liquidity Custom Index	0.36%	1.38%	1.28%	1.14%	1.10%							
Reserve Custom Index	1.12%	4.32%	-1.99%	2.60%	1.60%	0.19%	1.76%	6.58%	-1.69%	-8.72%	4.74%	2.56%
Endowment Custom Index	3.20%	5.90%	-1.31%	0.06%	7.31%	8.40%	7.26%	13.31%	12.04%	-15.85%	16.27%	11.45%
3-Month Treasury Bill	0.36%	1.37%	1.23%	1.10%	1.09%	2.88%	2.01%	0.58%	0.05%	1.50%	5.26%	5.45%
6-Month Treasury Bill	0.36%	1.38%	1.28%	1.14%	1.10%	2.92%	2.09%	0.80%	0.06%	1.46%	5.27%	5.55%
BAML 1-3 Yr Govt/Credit A+	0.63%	2.92%	-0.03%	1.61%	1.23%	1.51%	1.76%	3.23%	-0.49%	-3.65%	4.46%	4.28%
BAML 1-5 Yr Govt/Credit A+	0.78%	3.44%	-0.71%	2.00%	1.44%	1.10%	1.80%	4.43%	-1.00%	-5.34%	4.61%	3.69%
BAML 5-10 Yr Govt/Credit A+	1.54%	5.48%	-3.60%	3.40%	1.86%	-0.95%	1.92%	9.39%	-2.64%	-12.84%	4.85%	1.12%
BBrg Barclays US Aggregate	1.54%	5.20%	-3.06%	2.78%	1.21%	-0.73%	1.76%	7.51%	-1.54%	-13.01%	5.53%	1.25%
BC Municipal Bond	0.62%	2.71%	-1.22%	-0.22%	-0.12%	0.51%	2.20%	5.21%	1.52%	-8.53%	6.40%	1.05%
BC US Corp High Yield	1.84%	5.28%	0.17%	1.00%	3.53%	5.97%	5.38%	7.11%	5.28%	-11.19%	13.45%	8.19%
BC Long Treasuries	2.50%	7.82%	-8.62%	4.67%	-1.53%	-8.22%	0.14%	17.70%	-4.65%	-29.26%	3.06%	-6.41%
BC US Long Credit	3.03%	8.10%	-6.26%	2.47%	1.25%	-2.32%	2.95%	13.32%	-1.18%	-25.29%	10.73%	-2.01%
MSCI World Index	4.32%	6.36%	-0.16%	-1.79%	11.47%	14.55%	10.66%	15.90%	21.82%	-18.14%	23.79%	18.67%

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#### **Delaware State Treasury**

#### **TOTAL FUND PERFORMANCE DETAIL - NET OF FEES**

	Allocation	on						Perfor	mance (%)					
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	YTD (%)	9 Mo (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Liquidity & Reserve	6,185,242,798	100.00	0.94	1.47	3.91	2.52	6.21	5.29	4.14	2.22	1.65		2.50	Dec-16
Total Liquidity	1,667,787,823	26.96	0.41	1.07	2.35	3.32	5.27	5.38	4.62	3.13	2.54	2.11	2.02	Jan-05
FTSE 6 Month Tbill			<u>0.36</u>	<u>1.10</u>	<u>2.26</u>	<u>3.57</u>	<u>5.00</u>	<u>5.34</u>	<u>4.78</u>	<u>3.62</u>	<u>2.92</u>	<u>2.09</u>	<u>1.81</u>	
Over/Under			0.05	-0.04	0.09	-0.25	0.27	0.04	-0.16	-0.49	-0.38	0.02	0.22	
PFM Asset Management	848,599,691	13.72	0.38	1.06	2.31	3.36	5.24	5.39	4.73	3.37	2.74	2.23	1.94	Jun-13
Wilmington Liquidity	819,188,132	13.24	0.45	1.08	2.39	3.27	5.30	5.36	4.52	2.89	2.35	1.99	3.92	Jan-85
Total Reserve	4,517,454,975	73.04	1.14	1.62	4.28	2.20	6.52	5.12	3.30	0.82	0.46	1.95	2.22	Jan-05
Reserve Custom Index			<u>1.12</u>	<u>1.60</u>	<u>4.25</u>	<u>2.17</u>	<u>6.59</u>	<u>5.07</u>	<u>3.07</u>	<u>0.43</u>	0.19	<u>1.76</u>	<u>2.30</u>	
Over/Under			0.02	0.02	0.03	0.03	-0.07	0.05	0.23	0.38	0.27	0.19	-0.07	
JPM Intermediate	1,128,200,013	18.24	0.69	1.34	3.01	3.00	6.04	5.61	3.99	2.14	1.77	2.03	1.84	Jun-13
J.P. Morgan Custom Index			<u>0.63</u>	<u>1.23</u>	<u>2.85</u>	<u>2.83</u>	<u>5.83</u>	<u>5.29</u>	<u>3.61</u>	1.82	<u>1.51</u>	<u>1.81</u>	<u>1.66</u>	
Over/Under			0.06	0.12	0.16	0.17	0.21	0.32	0.39	0.32	0.27	0.22	0.18	
Blackrock Financial Mangement	1,134,515,413	18.34	0.81	1.53	3.62	2.86	6.44	5.58	3.72	1.43	1.20		2.32	Mar-18
Blackrock Custom Index			<u>0.78</u>	<u>1.44</u>	<u>3.47</u>	<u>2.74</u>	<u>6.27</u>	<u>5.37</u>	<u>3.50</u>	<u>1.36</u>	<u>1.10</u>		<u>2.22</u>	
Over/Under			0.03	0.09	0.14	0.13	0.18	0.21	0.21	0.07	0.10		0.11	
Chandler Asset Management	1,216,239,163	19.66	1.49	1.89	5.18	1.57	7.10	4.94	3.15	-0.40	-0.62	1.86	1.70	Jun-13
Chandler/Lazard Custom Index			<u>1.54</u>	<u>1.86</u>	<u>5.33</u>	<u>1.54</u>	<u>7.10</u>	<u>4.75</u>	<u>2.52</u>	<u>-0.77</u>	<u>-0.95</u>	<u>1.68</u>	<u>1.55</u>	
Over/Under			-0.05	0.03	-0.15	0.03	0.00	0.19	0.62	0.36	0.33	0.18	0.15	
Lazard Financial Management	1,038,500,386	16.79	1.59	1.72	5.35	1.38	6.48	4.32	2.36	-0.71	-1.07		1.90	Mar-18
Chandler/Lazard Custom Index			<u>1.54</u>	<u>1.86</u>	<u>5.33</u>	<u>1.54</u>	<u>7.10</u>	<u>4.75</u>	<u>2.52</u>	<u>-0.77</u>	<u>-0.95</u>		<u>2.05</u>	
Over/Under			0.06	-0.15	0.02	-0.16	-0.62	-0.43	-0.17	0.05	-0.11		-0.15	

Notes: Net of Fees. Results for periods longer than one year are annualized. Fiscal year end is June 30.

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 BofA 1-5 Yrs AAA-A US Corp & Govt TR / 25% ICE BofA 1-3 Yrs AAA-A US Corp & Govt / 50% ICE BofA US Gov/Credit 5-10 Yrs A Rated and Above, as of 4/1/2018.

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Prior to this, the index comprised 75% ICE BofA 1-5 Yrs AAA-A US Corp & Govt TR / 25% ICE BofA 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 BofA 1-5 Yrs AAA-A US Corp & Govt TR.

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

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



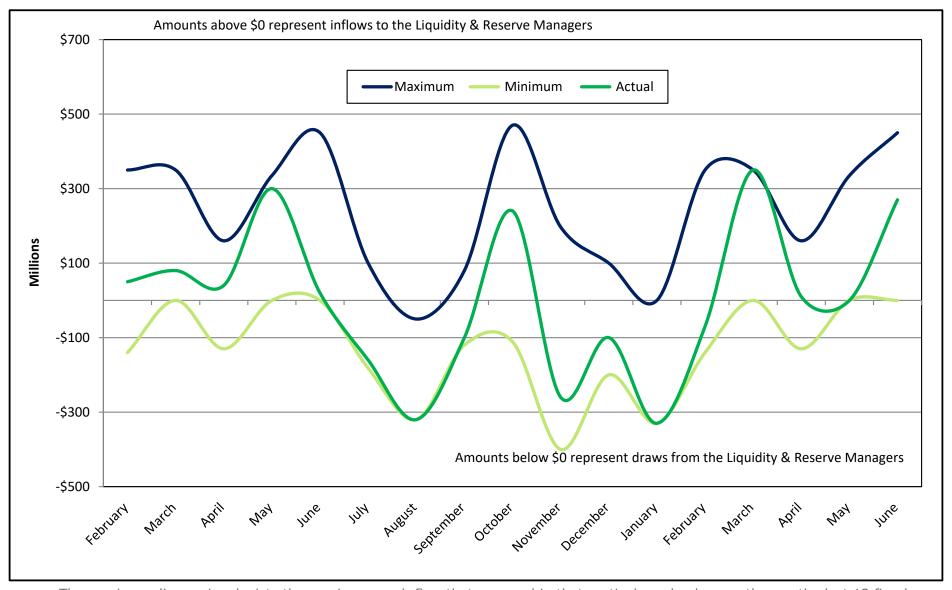
# **YIELD AND DURATION POSITIONING**

p. afalta					B	I I
Portfolio					Bend	chmark
		% of Total Liquidity &				
	<u>Portfolio Value</u>	Reserve Assets	<u>Yield</u>	<u>Duration</u>		Yield <u>Duration</u>
PFM \$	761,276,313	13.0%	4.49%	0.61	6-Month Treasury Bill	4.25% 0.39
Wilmington Trust \$	730,587,766	12.5%	4.35%	0.65	6-Month Treasury Bill	4.25% 0.39
Total Liquidity \$	1,491,864,078	25.5%	4.42%	0.63	6-Month Treasury Bill	4.25% 0.39
		Reserve Portfolio	Yield and Du	ration Analysis		
Portfolio					Beno	chmark
		% of Total Liquidity &				
	Portfolio Value	Reserve Assets	<u>Yield</u>	<u>Duration</u>		<u>Yield</u> <u>Duration</u>
JP Morgan \$	1,095,570,005	18.7%	4.45%	1.93	BAML 1-3 Yr Govt/Credit A+	4.06% 1.75
BlackRock \$	1,100,565,988	18.8%	4.20%	2.58	BAML 1-5 Yr Govt/Credit A+	4.05% 2.47
Chandler \$	1,173,631,506	20.0%	4.39%	5.89	BAML 5-10 Yr Govt/Credit A+	4.37% 6.00
Lazard \$	997,449,707	17.0%	4.46%	6.07	BAML 5-10 Yr Govt/Credit A+	4.37% 6.00
Total Reserve \$	4,367,217,205	74.5%	4.37%	4.10	Custom Reserve Benchmark	4.21% 4.06
		Total Liquidity & Reserve	Portfolio Yield	d and Duration Ana	lvsis	
Portfolio		,			•	chmark
		% of Total Liquidity &				
	Portfolio Value	Reserve Assets	<u>Yield</u>	<u>Duration</u>		Yield <u>Duration</u>
Total Liquidity & Reserve \$	5,859,081,283	100.0%	4.39%	3.22	Weighted Average	4.23% 2.22

As of June 2023, the target allocation between Liquidity and Reserve Portfolios was adjusted to 25%/75%. The previous target allocation was 50%/50%.



# **LIQUIDITY & RESERVE CASH FLOWS**

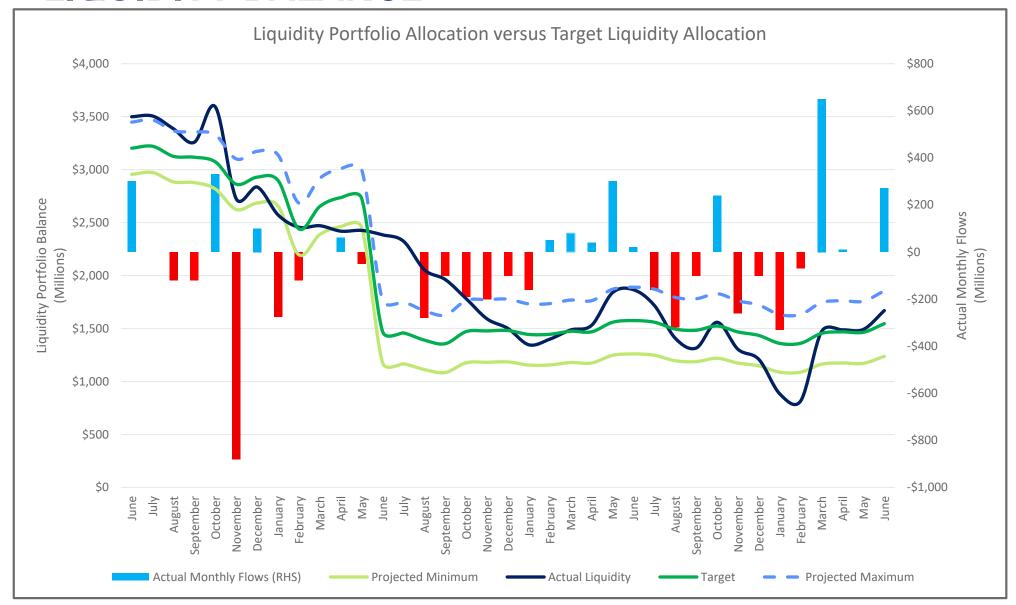




The maximum line series depicts the maximum cash flow that occurred in that particular calendar month over the last 12 fiscal year periods (i.e. \$0 is the maximum cash flow that has occurred in any August over the last 12 FYs). The minimum line series shows the same but for minimum cash flows. The purpose of this chart is to show the seasonality/cyclicality of the portfolio's liquidity & reserve cash flows.

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## LIQUIDITY BALANCE





As of June 2023, the target allocation between Liquidity and Reserve Portfolios was adjusted to 25%/75%. The previous target allocation was 50%/50%.

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# **MONTH ENDED JUNE 30, 2025**

						Change in Market Valu Onth Ending June 30, 2								
	Beg	inning Market Value	Contributions	Withdrawals		Fees		Income (	Unrealized Gain (Loss)	Realized Gai	n (Loss)	Amortization / Accretion	En	ding Market Value
Liquidity Managers														
PFM Asset Management	\$	761,276,313 \$	85,000,000 \$	-	\$	-	\$	2,681,759	\$ 619,357	\$	680	\$ 456,472	\$	850,034,581
Wilmington Liquidity	\$	730,587,766 \$	85,000,000 \$	-	\$	-	\$	2,131,393			4,248			819,188,132
Total Liquidity Managers	\$	1,491,864,078 \$	170,000,000 \$		\$		\$	4,813,152	\$ 1,165,045	\$	4,928	\$ 1,375,510	\$	1,669,222,713
Reserve Managers														
BlackRock Financial Management	\$	1,100,565,988 \$	25,000,000 \$	-	\$	-	\$	2,930,787	\$ 4,824,377	\$ 1	16,344	\$ 1,077,917	\$	1,134,515,413
Chandler Asset Management	\$	1,173,631,506 \$	25,000,000 -		\$	-	\$	3,927,492	\$ 13,541,403	\$ (	87,842)	\$ 226,605	\$	1,216,239,163
JPM Intermediate	\$	1,095,570,005 \$	25,000,000 \$	-	\$	-	\$	3,908,500	\$ 3,496,760	\$	73,839	\$ 150,909	\$	1,128,200,013
Lazard Asset Management	\$	997,449,707 \$	25,000,000 \$	-	\$	-	\$	3,271,983	\$ 11,434,903	\$ 1,0	15,772	\$ 328,022	\$	1,038,500,386
Total Reserve Managers	\$	4,367,217,205 \$	100,000,000 \$		\$		\$	14,038,762	\$ 33,297,442	\$ 1,1	18,112	\$ 1,783,453	\$	4,517,454,975
Total Liquidity & Reserve Managers	\$	5,859,081,283 \$	270,000,000 \$	-	\$	-	\$	18,851,914	\$ 34,462,487	\$ 1,1	23,041	\$ 3,158,963	\$	6,186,677,688
Land & Water Endowment														
SEI Funds	\$	71,801,848 \$	- \$	-	\$	-	\$	102,199	\$ 2,313,523	\$	-	\$ -	\$	74,217,571
Vanguard	\$	67,222,263 \$	- \$	-	\$	-	\$	278,771	\$ 1,964,394	\$	265	\$ -	\$	69,465,693
Total Land & Water Endowment	\$	139,024,112 \$	- \$		\$	-	\$	380,970	\$ 4,277,917	\$	265	\$ -	\$	143,683,264
ARPA														
PFM ARPA	Ś	155,982,042 \$	- \$	(8,712,899)	Ġ	_	Ś	497,942	\$ 42,397	¢	3,985	\$ 65,171	\$	147,878,638
Wilmington ARPA	\$	149,705,227 \$	- \$	(8,712,899)		-	\$	223,890			1,228			141,535,920
Total ARPA	\$	305,687,269 \$	- \$	(17,425,798)			\$	721,832	. ,		5,213	. ,		289,414,558
TOTAL	Y	303,007,203	Ţ	(17,723,730)	Y		Y	721,032	33,003	Y	3,213	9 312,313	7	203,717,330

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#### Footnotes:

Total

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

6,303,792,664 \$

270,000,000 \$

(17,425,798) \$

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

Numbers may not add due to rounding.



June 30, 2025

38,793,473 \$

1,128,519 \$

3,531,936 \$

6,619,775,509

19,954,715 \$

# **FISCAL YEAR TO DATE**

	Change in Market Value  Fiscal Year-to-Date  Through June 30, 2025													
									Amortization /					
	Begi	nning Market Value	Contributions	Withdrawals	Fees	Income	Unrealized Gain (Loss)	Realized Gain (Loss)	Accretion	Ending Market Value				
Liquidity Managers														
PFM Asset Management	\$	948,106,498 \$	615,000,000 \$	(750,000,000) \$	(274,563) \$	29,500,875 \$	1,848,658	1,108,599 \$	4,962,333 \$	850,034,581				
Wilmington Liquidity	\$	918,733,089 \$	615,000,000 \$	(750,000,000) \$	(259,203) \$	25,994,069 \$	1,688,828		6,925,066 \$	819,188,132				
Total Liquidity Managers	\$	1,866,839,588 \$	1,230,000,000 \$	(1,500,000,000) \$	(533,766) \$	55,494,944 \$			11,887,399 \$	1,669,222,713				
Reserve Managers														
BlackRock Financial Management	\$	1,114,146,359 \$	25,000,000 \$	(75,000,000) \$	(321,761) \$	41,271,735 \$		, , ,	7,564,982 \$	1,134,515,413				
Chandler Asset Management	\$	1,112,162,348 \$	25,000,000 \$	- \$	(321,495) \$	45,221,738 \$	35,320,086	(3,741,488) \$	2,924,298 \$	1,216,239,163				
JPM Intermediate	\$	1,112,278,508 \$	25,004,711 \$	(75,000,000) \$	(335,343) \$	49,334,691 \$	12,283,996	2,660,393 \$	2,312,409 \$	1,128,200,013				
Lazard Asset Management	\$	1,095,471,996 \$	25,000,000 \$	(150,000,000) \$	(584,457) \$	41,220,288 \$	27,138,366	(1,539,987) \$	2,371,475 \$	1,038,500,386				
Total Reserve Managers	\$	4,434,059,210 \$	100,004,711 \$	(300,000,000) \$	(1,563,056) \$	177,048,452 \$	94,199,270	99,867 \$	15,173,163 \$	4,517,454,975				
Total Liquidity & Reserve Managers	\$	6,300,898,798 \$	1,330,004,711 \$	(1,800,000,000) \$	(2,096,822) \$	232,543,396 \$	97,736,757	2,518,058 \$	27,060,562 \$	6,186,677,688				
Land & Water Endowment														
SEI Funds	\$	61,725,604 \$	6,208,000 \$	(2,286,819) \$	(103,279) \$	2,254,970 \$	1,194,107	5 5,342,883 \$	- \$	74,217,571				
Vanguard	\$	58,182,618 \$	6,208,000 \$	(2,276,980) \$	(47,536) \$	1,715,609 \$	5,450,080	, , ,	- \$	69,465,693				
Total Land & Water Endowment	\$	119,908,308 \$	29,372,632 \$	(21,520,431) \$	(150,815) \$	3,970,488 \$	6,644,186	, ,	- \$	143,683,259				
ARPA														
PFM ARPA	\$	236,486,867 \$	29,088 \$	(98,675,831) \$	(71,684) \$	7,925,136 \$	317,775	176,235 \$	1,751,045 \$	147,878,638				
Wilmington ARPA	\$	230,714,095 \$	30,106 \$	(98,675,831) \$	(77,302) \$	5,182,260 \$	352,014	\$ 164,672 \$	3,912,414 \$	141,535,920				
Total ARPA	\$	467,200,961 \$	59,193 \$	(197,351,662) \$	(148,986) \$	13,107,396 \$	669,789	340,907 \$	5,663,459 \$	289,414,558				
Total	\$	6,888,008,067 \$	1,359,436,536 \$	(2,018,872,093) \$	(2,396,623) \$	249,621,280 \$	105,050,732	\$ 8,488,631 \$	32,724,021 \$	6,619,775,509				

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#### Footnotes:

As of June 2023, the target allocation between Liquidity and Reserve Portfolios was adjusted to 25%/75%. The previous target allocation was 50%/50%.

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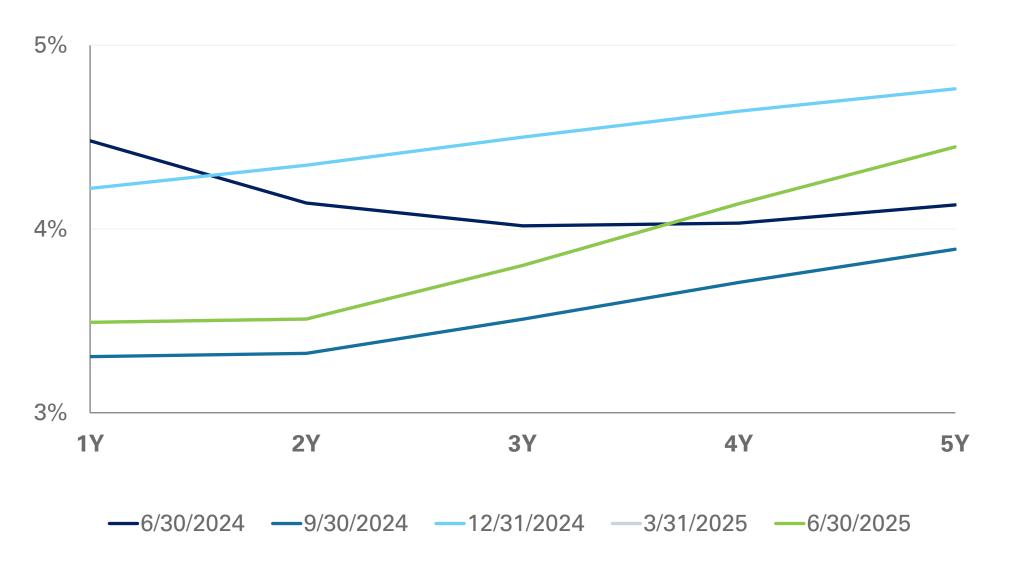
### MARKET BACKDROP

- As expected, the FOMC held rates steady at a range of 4.25%-4.50%, while emphasizing its data-dependent approach to monetary policy
  - The central bank's economic projections showed a narrower split among Committee members, with the median projection now indicating just one rate cut in 2025 versus two previously
- Fixed income returns were positive in June as U.S. Treasury yields declined and credit spreads tightened
- In response, interest rate expectations moved higher during the month:
  - Current 1-year rate expectations: FY25: 3.49% FY26: 3.51% FY27: 3.80% FY28: 4.14%
  - Previous month rate expectations: FY25: 3.73% FY26: 3.70% FY27: 3.94% FY28: 4.27%
- Total Interest Received Fiscal Year-to-Date\*: \$280,198,404



Note: \*Includes Sweep Income and general fund interest

# **U.S. TREASURY CURVE FORWARD RATES**



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Sources: FactSet

# **DEFAC PROJECTIONS**

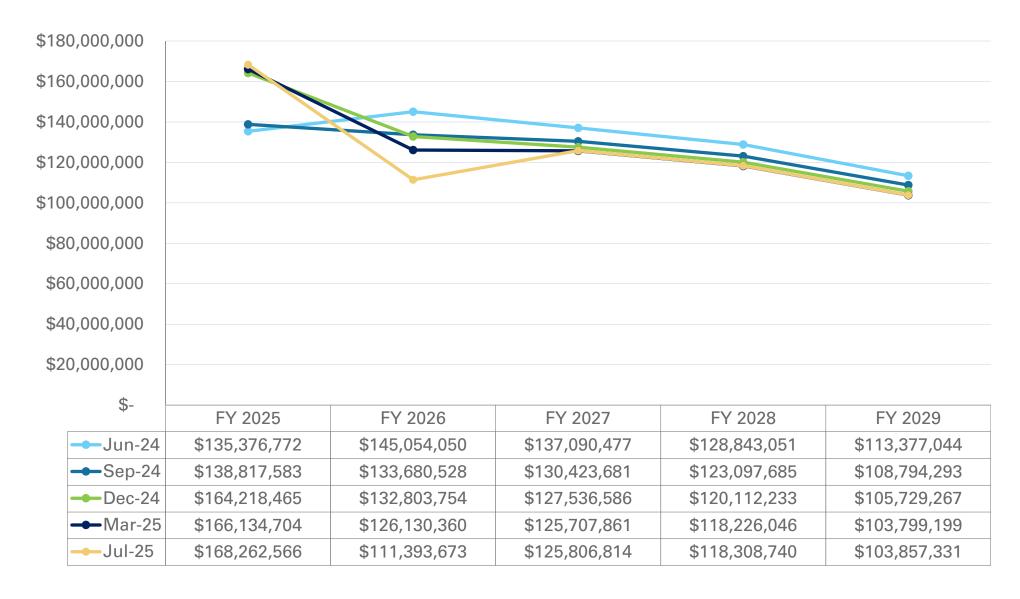
	DEFAC Current Year	Δ From Previous	FY 26	FY 26 Δ From Previous	FY 27	FY 27 Δ From Previous	FY 28	FY 28 Δ From Previous	FY 29	FY 29 Δ From Previous
	<u>Totals</u>		<u>Totals</u>		<u>Totals</u>		<u>Totals</u>		<u>Totals</u>	
Total Interest	\$245,750,497	(\$6,700,149)	\$164,467,934	(\$15,326,167)	\$177,829,889	(\$10,315,454)	\$172,087,218	(\$9,981,189)	\$160,608,929	(\$9,314,368)
Change in Market Value	\$16,194,986	\$1,885,594	\$945,155	\$1,157,660	(\$199,928)	\$34,724	(\$199,919)	\$34,721	(\$199,911)	\$34,718
Less: SSF Interest Payments	(\$83,129,903)	\$1,572,500	(\$76,500,000)	-	(\$76,500,000)	-	(\$76,500,000)	-	(\$76,500,000)	-
Less: Banking Services	(\$6,688,800)	-	(\$7,190,460)	-	(\$7,729,745)	\$1	(\$8,309,475)	-	(\$8,932,686)	-
Less: Investment Manager Fees	(\$3,864,215)	(\$110)	(\$4,000,000)	-	(\$4,000,000)	-	(\$4,000,000)	-	(\$4,000,000)	-
DEFAC Projection	\$168,262,566	(\$3,242,165)	\$111,393,673	(\$5,317,102)	\$125,806,814	\$153,382	\$118,308,740	\$150,854	\$103,857,331	\$144,323



Notes: \*Current DEFAC estimate reflects 100% of the OST DEFAC income forecast estimate of \$168,262,566. Sweep income incorporated under the Total Interest line item.

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### **DEFAC PROJECTIONS CONTINUED**



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### **ASSUMPTIONS FOR DEFAC PROJECTION**

- Net Cash Flows: Assumed to follow average cash flows during the previous ten fiscal years and reflects historical seasonality patterns
- Changes in Yield: Actual changes reflected as they are realized, projected changes based on forward yield curve at 1 year and 5 year forward points
- Interest: Actual interest reflected as it is realized, projected interest calculated as projected yield times projected market value
- Banking Services: Flat estimate of \$557,400 per month; projected to increase 7.5% annually
- School and Special Fund Interest Payments: Actual payments reflected as realized, projected payments calculated based on \$1.7B average balance and a range-bound rate as implied by the trailing 9M liquidity and liquidity & reserve returns

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 Investment Manager Fees: Estimated as 7 basis points per year of assets under management







PROPRIETARY & CONFIDENTIAL

#### **Delaware State Treasury**

### **TOTAL FUND PERFORMANCE DETAIL - NET OF FEES**

	Allocation	on						Perforr	mance (%)					
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	YTD (%)	9 Mo (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Delaware Total Consolidation	6,618,340,620	100.00	0.97	1.59	3.89	2.65	6.25	5.44	4.34	2.42	1.89	2.41	2.25	Jan-05
Total Liquidity & Reserve	6,185,242,798	93.46	0.94	1.47	3.91	2.52	6.21	5.29	4.14	2.22	1.65		2.50	Dec-16
Total Liquidity	1,667,787,823	25.20	0.41	1.07	2.35	3.32	5.27	5.38	4.62	3.13	2.54	2.11	2.02	Jan-05
FTSE 6 Month Tbill			<u>0.36</u>	<u>1.10</u>	<u>2.26</u>	<u>3.57</u>	<u>5.00</u>	<u>5.34</u>	<u>4.78</u>	<u>3.62</u>	<u>2.92</u>	2.09	<u>1.81</u>	
Over/Under			0.05	-0.04	0.09	-0.25	0.27	0.04	-0.16	-0.49	-0.38	0.02	0.22	
PFM Asset Management	848,599,691	12.82	0.38	1.06	2.31	3.36	5.24	5.39	4.73	3.37	2.74	2.23	1.94	Jun-13
Wilmington Liquidity	819,188,132	12.38	0.45	1.08	2.39	3.27	5.30	5.36	4.52	2.89	2.35	1.99	3.92	Jan-85
Total Reserve	4,517,454,975	68.26	1.14	1.62	4.28	2.20	6.52	5.12	3.30	0.82	0.46	1.95	2.22	Jan-05
Reserve Custom Index			<u>1.12</u>	<u>1.60</u>	<u>4.25</u>	<u>2.17</u>	<u>6.59</u>	<u>5.07</u>	<u>3.07</u>	<u>0.43</u>	<u>0.19</u>	<u>1.76</u>	<u>2.30</u>	
Over/Under			0.02	0.02	0.03	0.03	-0.07	0.05	0.23	0.38	0.27	0.19	-0.07	
JPM Intermediate	1,128,200,013	17.05	0.69	1.34	3.01	3.00	6.04	5.61	3.99	2.14	1.77	2.03	1.84	Jun-13
J.P. Morgan Custom Index			<u>0.63</u>	<u>1.23</u>	<u>2.85</u>	<u>2.83</u>	<u>5.83</u>	<u>5.29</u>	<u>3.61</u>	<u>1.82</u>	<u>1.51</u>	<u>1.81</u>	<u>1.66</u>	
Over/Under			0.06	0.12	0.16	0.17	0.21	0.32	0.39	0.32	0.27	0.22	0.18	
Blackrock Financial Mangement	1,134,515,413	17.14	0.81	1.53	3.62	2.86	6.44	5.58	3.72	1.43	1.20		2.32	Mar-18
Blackrock Custom Index			<u>0.78</u>	<u>1.44</u>	<u>3.47</u>	<u>2.74</u>	<u>6.27</u>	<u>5.37</u>	<u>3.50</u>	<u>1.36</u>	<u>1.10</u>		<u>2.22</u>	
Over/Under			0.03	0.09	0.14	0.13	0.18	0.21	0.21	0.07	0.10		0.11	
Chandler Asset Management	1,216,239,163	18.38	1.49	1.89	5.18	1.57	7.10	4.94	3.15	-0.40	-0.62	1.86	1.70	Jun-13
Chandler/Lazard Custom Index			<u>1.54</u>	<u>1.86</u>	<u>5.33</u>	<u>1.54</u>	<u>7.10</u>	<u>4.75</u>	<u>2.52</u>	<u>-0.77</u>	<u>-0.95</u>	<u>1.68</u>	<u>1.55</u>	
Over/Under			-0.05	0.03	-0.15	0.03	0.00	0.19	0.62	0.36	0.33	0.18	0.15	
Lazard Financial Management	1,038,500,386	15.69	1.59	1.72	5.35	1.38	6.48	4.32	2.36	-0.71	-1.07		1.90	Mar-18
Chandler/Lazard Custom Index			<u>1.54</u>	<u>1.86</u>	<u>5.33</u>	<u>1.54</u>	<u>7.10</u>	<u>4.75</u>	<u>2.52</u>	<u>-0.77</u>	<u>-0.95</u>		<u>2.05</u>	
Over/Under			0.06	-0.15	0.02	-0.16	-0.62	-0.43	-0.17	0.05	-0.11		-0.15	
Total Endowment	143,683,264	2.17	3.35	7.42	8.06	6.16	12.80	12.76	11.96	4.79	7.83			Dec-10
Endowment Custom Index			<u>3.20</u>	<u>7.31</u>	<u>7.37</u>	<u>5.96</u>	<u>12.21</u>	<u>12.58</u>	<u>11.91</u>	<u>5.22</u>	<u>8.40</u>	<u>7.26</u>	<u>7.47</u>	
Over/Under			0.15	0.11	0.69	0.20	0.59	0.17	0.04	-0.44	-0.57			
SEI Balanced Strategy	74,217,571	1.12	3.36	7.50	8.25	6.40	13.39	13.22	12.38	4.95	8.79		7.69	Aug-15
Vanguard Funds	69,465,693	1.05	3.34	7.35	7.85	5.90	12.19	12.27	11.51	4.61			6.99	Sep-20

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#### **Delaware State Treasury**

#### **TOTAL FUND PERFORMANCE DETAIL - NET OF FEES**

	Allocati	on						Perforn	nance (%)					
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	YTD (%)	9 Mo (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
ARPA	289,414,558	4.37	0.40	1.11	2.23	3.36	5.08	5.33	4.65	3.18			3.04	May-21
FTSE 1 Month T-Bill			<u>0.36</u>	<u>1.08</u>	<u>2.17</u>	<u>3.40</u>	<u>4.80</u>	<u>5.18</u>	<u>4.69</u>	<u>3.53</u>			<u>3.39</u>	
Over/Under			0.04	0.02	0.06	-0.04	0.28	0.15	-0.03	-0.35			-0.35	
PFM ARPA	147,878,638	2.23	0.41	1.07	2.27	3.31	5.12	5.38	4.74	3.36			3.22	May-21
FTSE 1 Month T-Bill			<u>0.36</u>	<u>1.08</u>	<u>2.17</u>	<u>3.40</u>	<u>4.80</u>	<u>5.18</u>	<u>4.69</u>	<u>3.53</u>			<u>3.39</u>	
Over/Under			0.05	-0.02	0.10	-0.09	0.32	0.20	0.06	-0.17			-0.17	
Wilmington ARPA	141,535,920	2.14	0.38	1.15	2.18	3.41	5.04	5.28	4.56	3.00			2.86	May-21
FTSE 1 Month T-Bill			<u>0.36</u>	<u>1.08</u>	<u>2.17</u>	<u>3.40</u>	<u>4.80</u>	<u>5.18</u>	<u>4.69</u>	<u>3.53</u>			<u>3.39</u>	
Over/Under			0.03	0.07	0.01	0.01	0.23	0.10	-0.13	-0.53			-0.53	

Notes: Net of Fees. Results for periods longer than one year are annualized. Fiscal year end is June 30.

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 BofA 1-5 Yrs AAA-A US Corp & Govt TR / 25% ICE BofA 1-3 Yrs AAA-A US Corp & Govt Credit 5-10 Yrs A Rated and Above, as of 4/1/2018.

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Prior to this, the index comprised 75% ICE BofA 1-5 Yrs AAA-A US Corp & Govt TR / 25% ICE BofA 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 BofA 1-5 Yrs AAA-A US Corp & Govt TR.

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

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

The CARES portfolio has been liquidated.



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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.

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

