



# INVESTMENT PERFORMANCE SUMMARY

OFFICE OF THE TREASURER & CASH  
MANAGEMENT POLICY BOARD

MONTH ENDING DECEMBER 31, 2021

Jennifer Appel, CFA, Research Consultant

Kevin M. Leonard, Partner

Brendan Heaney, CFA, Sr. Consulting Analyst



PROPRIETARY & CONFIDENTIAL

# INDEX PERFORMANCE

	December 2021	YTD 2021	1Q 2021	2Q 2021	3Q 2021	4Q 2021	5yr	10yr	2017	2018	2019	2020	2021
<b>Reserve Custom Index</b>	-0.23%	-1.69%	4.20%	1.15%	-0.08%	-0.40%	2.83%	1.88%	1.00%	1.88%	6.62%	6.58%	-1.69%
<b>Endowment Custom Index</b>	2.46%	12.04%	-11.82%	5.36%	0.04%	4.67%	10.62%	8.92%	14.52%	-5.07%	20.01%	13.31%	12.04%
<b>3-Month Treasury Bill</b>	0.00%	0.05%	0.39%	0.01%	0.01%	0.01%	1.11%	0.60%	0.84%	1.86%	2.26%	0.58%	0.05%
<b>6-Month Treasury Bill</b>	0.01%	0.06%	0.42%	0.02%	0.01%	0.01%	1.20%	0.68%	0.88%	1.91%	2.38%	0.80%	0.06%
<b>BAML 1-3 Yr Govt/Credit A+</b>	-0.22%	-0.49%	2.22%	0.01%	0.07%	-0.54%	1.77%	1.30%	0.70%	1.65%	3.83%	3.23%	-0.49%
<b>BAML 1-5 Yr Govt/Credit A+</b>	-0.24%	-1.00%	2.97%	0.20%	0.01%	-0.69%	2.09%	1.63%	1.02%	1.50%	4.62%	4.43%	-1.00%
<b>BAML 5-10 Yr Govt/Credit A+</b>	-0.23%	-2.64%	5.82%	2.20%	-0.22%	-0.18%	3.76%	3.10%	2.98%	0.59%	9.04%	9.39%	-2.64%
<b>BBrg Barclays US Aggregate</b>	-0.26%	-1.54%	3.15%	1.83%	0.05%	0.01%	3.57%	2.90%	3.54%	0.01%	8.72%	7.51%	-1.54%
<b>BC Municipal Bond</b>	0.16%	1.52%	-0.63%	1.42%	-0.27%	0.72%	4.17%	3.72%	5.45%	1.28%	7.54%	5.21%	1.52%
<b>BC US Corp High Yield</b>	1.87%	5.28%	-12.69%	2.74%	0.89%	0.71%	6.30%	6.83%	7.50%	-2.08%	14.32%	7.11%	5.28%
<b>BC Long Treasuries</b>	-1.42%	-4.65%	20.90%	6.46%	0.47%	3.08%	6.54%	4.51%	8.53%	-1.84%	14.83%	17.70%	-4.65%
<b>BC US Long Credit</b>	-0.37%	-1.18%	-4.65%	6.44%	-0.18%	1.52%	7.64%	6.42%	12.21%	-6.76%	23.36%	13.32%	-1.18%
<b>MSCI World Index</b>	4.27%	21.82%	-21.05%	7.74%	-0.01%	7.77%	15.03%	12.70%	22.40%	-8.71%	27.67%	15.90%	21.82%



# Delaware State Treasury-Delaware Total Consolidation

## TOTAL FUND PERFORMANCE DETAIL - NET OF FEES

	Allocation		Performance (%)										
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	FYTD (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
<b>Delaware Total Consolidation</b>	<b>5,262,593,654</b>	<b>100.00</b>	<b>-0.03</b>	<b>-0.22</b>	<b>-0.23</b>	<b>-0.87</b>	<b>1.98</b>	<b>3.18</b>	<b>2.78</b>	<b>2.57</b>	<b>1.66</b>	<b>2.13</b>	<b>Jan-05</b>
<b>Delaware Total Consolidation ex. CARES &amp; ARPA</b>	<b>4,243,972,148</b>	<b>80.64</b>	<b>-0.02</b>	<b>-0.23</b>	<b>-0.27</b>	<b>-0.97</b>	<b>2.11</b>	<b>3.27</b>	<b>2.84</b>	<b>2.63</b>	<b>1.69</b>	<b>2.15</b>	<b>Jan-05</b>
<b>Total Liquidity &amp; Reserve</b>	<b>4,138,089,807</b>	<b>78.63</b>	<b>-0.09</b>	<b>-0.35</b>	<b>-0.37</b>	<b>-1.27</b>	<b>1.95</b>	<b>3.03</b>	<b>2.74</b>	<b>2.42</b>		<b>2.40</b>	<b>Dec-16</b>
<b>Total Liquidity</b>	<b>2,125,106,770</b>	<b>40.38</b>	<b>-0.04</b>	<b>-0.21</b>	<b>-0.17</b>	<b>-0.10</b>	<b>0.68</b>	<b>1.42</b>	<b>1.55</b>	<b>1.47</b>	<b>1.01</b>	<b>1.69</b>	<b>Jan-05</b>
PFM Asset Management	1,064,289,558	20.22	-0.03	-0.14	-0.10	-0.01	0.70	1.42	1.57	1.48		1.15	Jun-13
Wilmington Liquidity	1,060,817,212	20.16	-0.05	-0.29	-0.25	-0.20	0.65	1.41	1.54	1.42	0.99	3.97	Jan-85
<b>Total Reserve</b>	<b>2,012,983,037</b>	<b>38.25</b>	<b>-0.14</b>	<b>-0.44</b>	<b>-0.47</b>	<b>-1.76</b>	<b>2.24</b>	<b>3.68</b>	<b>3.23</b>	<b>2.82</b>	<b>1.89</b>	<b>2.46</b>	<b>Jan-05</b>
Reserve Custom Index			<u>-0.23</u>	<u>-0.40</u>	<u>-0.49</u>	<u>-1.69</u>	<u>2.36</u>	<u>3.76</u>	<u>3.29</u>	<u>2.82</u>	<u>1.88</u>	<u>2.64</u>	
Over/Under			0.09	-0.04	0.02	-0.07	-0.12	-0.08	-0.06	0.00	0.01	-0.18	
JPM Intermediate	681,544,131	12.95	-0.15	-0.47	-0.38	-0.37	1.57	2.39	2.17	1.98		1.55	Jun-13
J.P. Morgan Custom Index			<u>-0.22</u>	<u>-0.54</u>	<u>-0.47</u>	<u>-0.50</u>	<u>1.35</u>	<u>2.17</u>	<u>2.01</u>	<u>1.81</u>		<u>1.43</u>	
Over/Under			0.07	0.07	0.09	0.13	0.22	0.22	0.16	0.17		0.12	
Blackrock Financial Mangement	519,327,762	9.87	-0.13	-0.72	-0.67	-0.90	1.83	2.81				2.78	Mar-18
Blackrock Custom Index			<u>-0.24</u>	<u>-0.69</u>	<u>-0.68</u>	<u>-1.01</u>	<u>1.68</u>	<u>2.64</u>				<u>2.64</u>	
Over/Under			0.11	-0.03	0.01	0.11	0.15	0.17				0.14	
Chandler Asset Management	411,041,135	7.81	-0.07	-0.33	-0.44	-2.57	3.05	4.93	4.26	3.65		2.54	Jun-13
Lazard Financial Management	401,070,009	7.62	-0.19	-0.25	-0.34	-2.70	2.62	4.65				4.34	Mar-18
Chandler/Lazard Custom Index			<u>-0.23</u>	<u>-0.19</u>	<u>-0.40</u>	<u>-2.65</u>	<u>3.19</u>	<u>5.10</u>				<u>4.68</u>	
Over/Under			0.04	-0.06	0.06	-0.05	-0.57	-0.45				-0.34	
<b>Total Endowment</b>	<b>105,882,341</b>	<b>2.01</b>	<b>2.66</b>	<b>4.29</b>	<b>3.66</b>	<b>11.72</b>	<b>10.02</b>	<b>13.22</b>	<b>7.84</b>	<b>9.52</b>		<b>7.69</b>	<b>Aug-15</b>
Endowment Custom Index			<u>2.46</u>	<u>4.67</u>	<u>4.71</u>	<u>12.04</u>	<u>12.67</u>	<u>15.07</u>	<u>9.66</u>	<u>10.62</u>		<u>8.61</u>	
Over/Under			0.20	-0.38	-1.05	-0.32	-2.65	-1.85	-1.82	-1.10		-0.92	
SEI Balanced Strategy	54,578,600	1.04	3.00	4.45	3.62	11.77	13.44	15.81	9.65	11.13		9.41	Aug-15
Vanguard Funds	51,303,657	0.97	2.30	4.11	3.70	11.65						14.66	Sep-20
<b>CARES</b>	<b>95,666,710</b>	<b>1.82</b>	<b>0.00</b>	<b>0.01</b>	<b>0.02</b>	<b>0.05</b>						<b>0.05</b>	<b>Apr-20</b>
FTSE 1 Month T-Bill			<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.04</u>						<u>0.06</u>	
Over/Under			-0.01	-0.01	-0.01	0.01						-0.01	
PFM CARES	46,351,608	0.88	0.00	0.01	0.02	0.08						0.07	Apr-20
PFM NCC CARES	1,507,296	0.03	0.00	0.00	0.01	-0.02						-0.02	Jan-21
Wilmington CARES	46,296,877	0.88	0.00	0.00	0.01	0.03						0.04	Apr-20
Wilmington NCC CARES	1,510,929	0.03	0.00	-0.01	0.00	0.00						0.00	Jan-21
FTSE 1 Month T-Bill			<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.04</u>						<u>0.04</u>	
Over/Under			-0.01	-0.03	-0.03	-0.04						-0.04	

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.

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.

PFM ARPA and Wilmington ARPA funded 5/25/2021. Performance is shown the first full month after funding.

# TOTAL FUND PERFORMANCE DETAIL - NET OF FEES

	Allocation		Performance (%)										Inception Date
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	FYTD (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	
<b>ARPA</b>	<b>922,954,797</b>	<b>17.54</b>	<b>-0.04</b>	<b>-0.19</b>	<b>-0.12</b>							<b>-0.18</b>	<b>May-21</b>
FTSE 1 Month T-Bill			<u>0.01</u>	<u>0.02</u>	<u>0.03</u>							<u>0.03</u>	
Over/Under			-0.05	-0.21	-0.15							-0.21	
<b>PFM ARPA</b>	<b>461,860,721</b>	<b>8.78</b>	<b>-0.04</b>	<b>-0.14</b>	<b>-0.08</b>							<b>-0.09</b>	<b>May-21</b>
FTSE 1 Month T-Bill			<u>0.01</u>	<u>0.02</u>	<u>0.03</u>							<u>0.03</u>	
Over/Under			-0.05	-0.16	-0.11							-0.12	
<b>Wilmington ARPA</b>	<b>461,094,076</b>	<b>8.76</b>	<b>-0.04</b>	<b>-0.25</b>	<b>-0.17</b>							<b>-0.26</b>	<b>May-21</b>
FTSE 1 Month T-Bill			<u>0.01</u>	<u>0.02</u>	<u>0.03</u>							<u>0.03</u>	
Over/Under			-0.05	-0.27	-0.20							-0.29	

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

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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.

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.

PFM ARPA and Wilmington ARPA funded 5/25/2021. Performance is shown the first full month after funding.

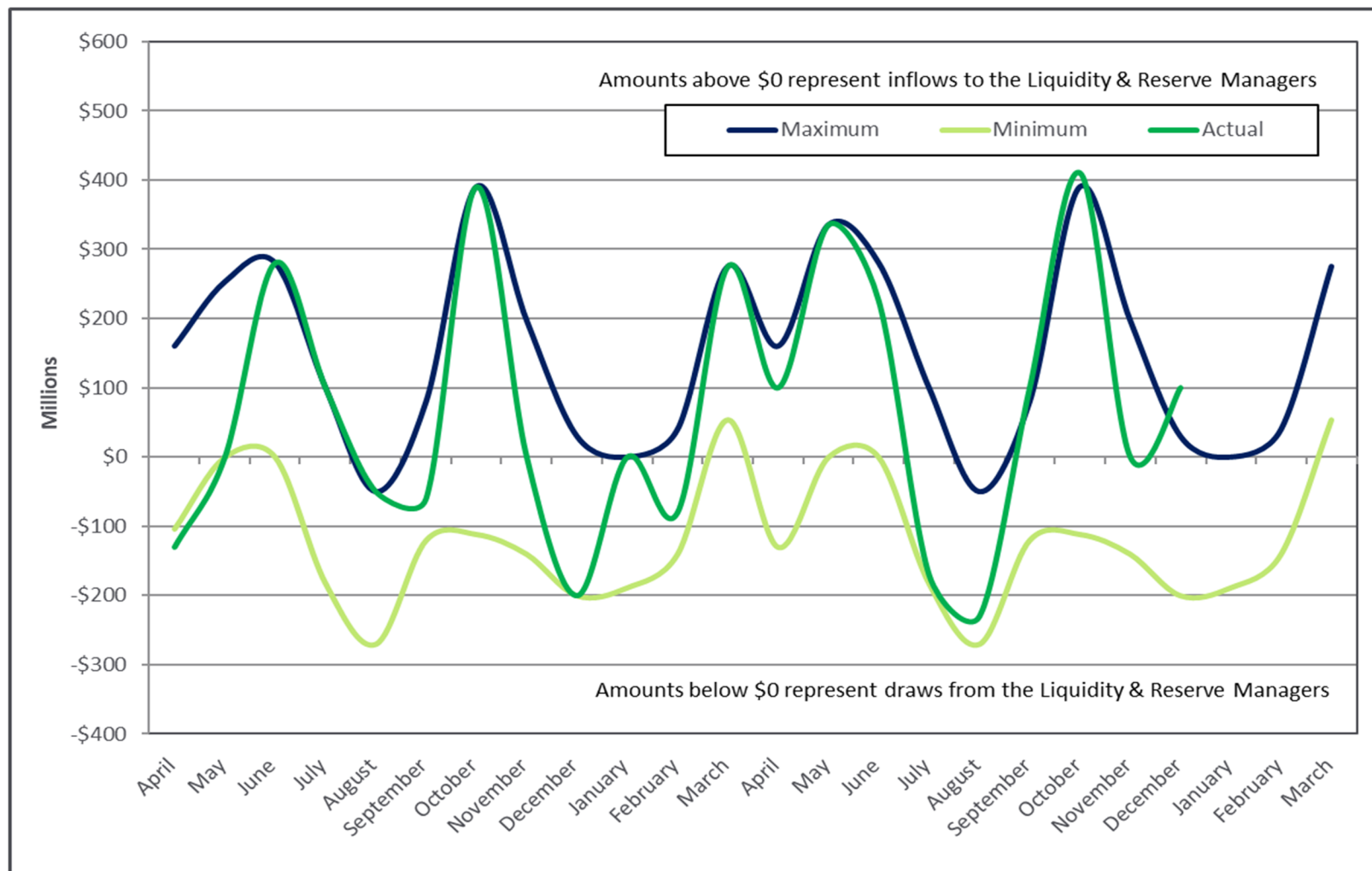
# YIELD AND DURATION POSITIONING

Liquidity Portfolio Yield and Duration Analysis							
Portfolio					Benchmark		
	<u>Portfolio Value</u>	<u>% of Assets</u>	<u>Yield</u>	<u>Duration</u>		<u>Yield</u>	<u>Duration</u>
PFM \$	1,064,289,558	25.7%	0.45%	0.65	6-Month Treasury Bill	0.19%	0.49
Wilmington Trust \$	1,060,817,212	25.6%	0.58%	1.23	6-Month Treasury Bill	0.19%	0.49
<b>Total Liquidity \$</b>	<b>2,125,106,770</b>	<b>51.4%</b>	<b>0.51%</b>	<b>0.94</b>	<b>6-Month Treasury Bill</b>	<b>0.19%</b>	<b>0.49</b>
Reserve Portfolio Yield and Duration Analysis							
Portfolio					Benchmark		
	<u>Portfolio Value</u>	<u>% of Assets</u>	<u>Yield</u>	<u>Duration</u>		<u>Yield</u>	<u>Duration</u>
JP Morgan \$	681,544,131	16.5%	0.78%	1.75	BAML 1-3 Yr Govt/Credit A+	0.75%	1.87
BlackRock \$	519,327,762	12.5%	0.99%	2.61	BAML 1-5 Yr Govt/Credit A+	0.95%	2.66
Chandler \$	411,041,135	9.9%	1.62%	6.46	BAML 5-10 Yr Govt/Credit A+	1.57%	6.65
Lazard \$	401,070,009	9.7%	1.47%	6.32	BAML 5-10 Yr Govt/Credit A+	1.57%	6.65
<b>Total Reserve \$</b>	<b>2,012,983,037</b>	<b>48.6%</b>	<b>1.14%</b>	<b>3.84</b>	<b>Custom Reserve Benchmark</b>	<b>1.21%</b>	<b>4.46</b>
Total Liquidity & Reserve Portfolio Yield and Duration Analysis							
Portfolio					Benchmark		
	<u>Portfolio Value</u>	<u>% of Assets</u>	<u>Yield</u>	<u>Duration</u>		<u>Yield</u>	<u>Duration</u>
<b>Total Liquidity &amp; Reserve \$</b>	<b>4,138,089,807</b>	<b>100.0%</b>	<b>0.82%</b>	<b>2.35</b>	<b>Weighted Average</b>	<b>0.90%</b>	<b>3.27</b>

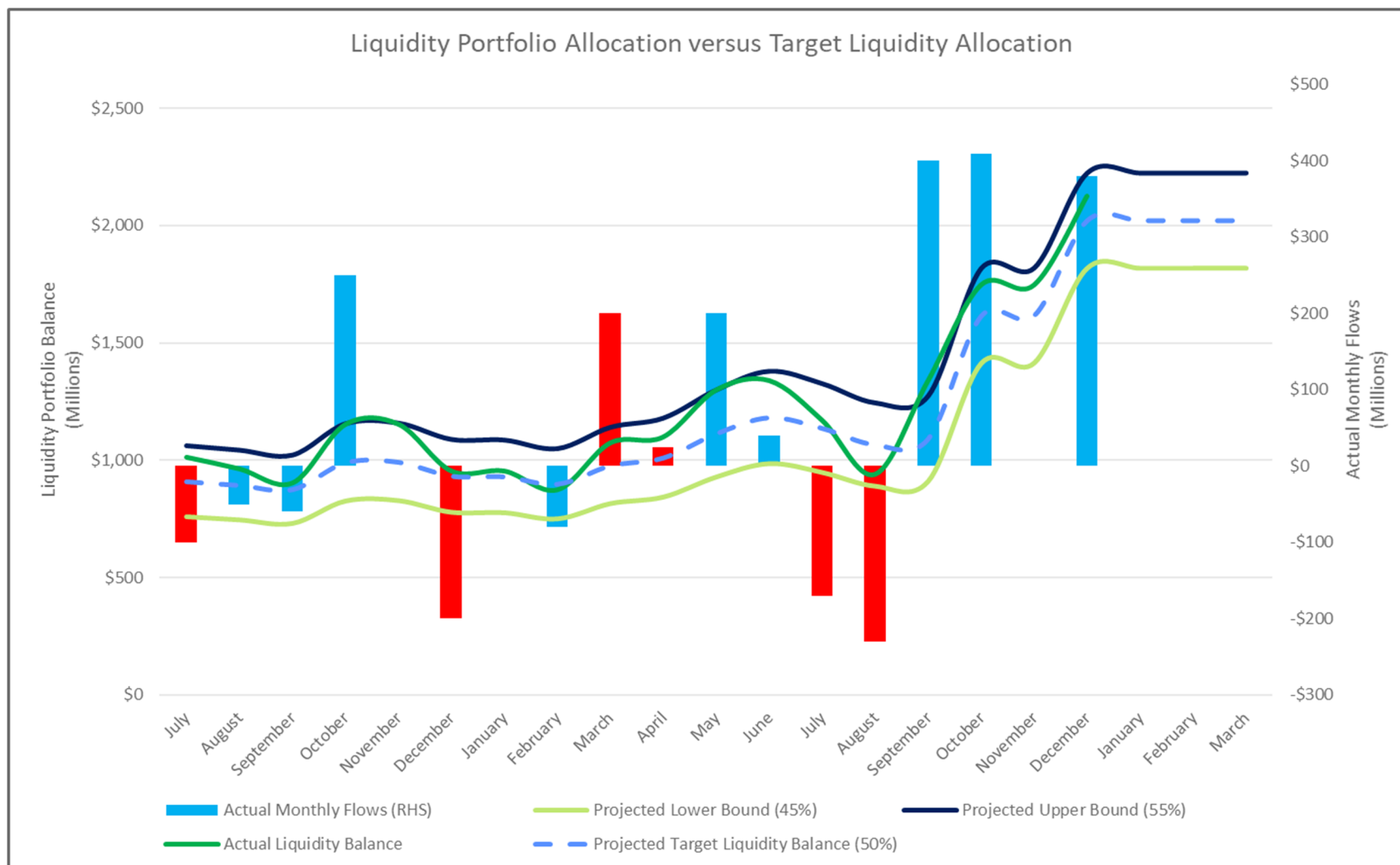
As of December 1, 2021, the target allocation between Liquidity and Reserve Portfolios was adjusted to 50%/50%. The previous target allocation was 40%/60%.



# LIQUIDITY & RESERVE CASH FLOWS



# LIQUIDITY BALANCE



As of December 1, 2021, the target allocation between Liquidity and Reserve Portfolios was adjusted to 50%/50%. The previous target allocation was 40%/60%.



# MONTH ENDED DECEMBER 31, 2021

Change in Market Value Month Ending December 31, 2021										
	Beginning Market Value	Contributions	Withdrawals	Fees	Income	Unrealized Gain (Loss)	Realized Gain (Loss)	Amortization / Accretion	Ending Market Value	
Liquidity Managers										
PFM Asset Management	\$ 874,628,965	\$ 190,000,000		\$ -	\$ 666,155	\$ (538,323)	\$ 482	\$ (467,720)	\$ 1,064,289,558	
Wilmington Liquidity	\$ 871,283,522	\$ 190,000,000		\$ -	\$ 490,628	\$ (769,304)	\$ 1,057	\$ (188,692)	\$ 1,060,817,212	
Total Liquidity Managers	\$ 1,745,912,487	\$ 380,000,000	\$ -	\$ -	\$ 1,156,783	\$ (1,307,627)	\$ 1,539	\$ (656,411)	\$ 2,125,106,770	
Reserve Managers										
BlackRock Financial Management	\$ 520,019,264			\$ -	\$ 437,627	\$ (1,026,296)	\$ (22,279)	\$ (80,554)	\$ 519,327,762	
Chandler Asset Management	\$ 551,341,885		\$ (140,000,000)	\$ -	\$ 758,070	\$ (5,495,203)	\$ 4,441,776	\$ (5,393)	\$ 411,041,135	
JPM Intermediate	\$ 682,590,925			\$ -	\$ 446,316	\$ (1,261,599)	\$ (135,087)	\$ (96,423)	\$ 681,544,131	
Lazard Asset Management	\$ 541,901,158		\$ (140,000,000)	\$ -	\$ 841,621	\$ (1,352,029)	\$ (23,975)	\$ (296,766)	\$ 401,070,009	
Total Reserve Managers	\$ 2,295,853,232	\$ -	\$ (280,000,000)	\$ -	\$ 2,483,634	\$ (9,135,128)	\$ 4,260,435	\$ (479,136)	\$ 2,012,983,037	
Total Liquidity & Reserve Managers	\$ 4,041,765,719	\$ 380,000,000	\$ (280,000,000)	\$ -	\$ 3,640,417	\$ (10,442,755)	\$ 4,261,974	\$ (1,135,548)	\$ 4,138,089,807	
Land & Water Endowment										
SEI Funds	\$ 52,987,530			\$ -	\$ 686,636	\$ (2,751,278)	\$ 3,655,713	\$ -	\$ 54,578,600	
Vanguard	\$ 50,149,895			\$ -	\$ 257,324	\$ 865,559	\$ 30,880	\$ -	\$ 51,303,657	
Total Land & Water Endowment	\$ 103,137,509	\$ -	\$ -	\$ -	\$ 943,960	\$ (1,885,719)	\$ 3,686,593	\$ -	\$ 105,882,341	
CARES										
PFM CARES	\$ 75,236,096		\$ (28,886,429)	\$ -	\$ 64,837	\$ (3,417)	\$ (502)	\$ (58,976)	\$ 46,351,608	
PFM NCC CARES	\$ 1,507,283			\$ -	\$ 13	\$ -	\$ -	\$ -	\$ 1,507,296	
Wilmington CARES	\$ 75,181,285		\$ (28,886,429)	\$ -	\$ 349	\$ 255	\$ -	\$ 1,416	\$ 46,296,877	
Wilmington NCC CARES	\$ 1,510,916			\$ -	\$ 13	\$ -	\$ -	\$ -	\$ 1,510,929	
Total CARES	\$ 153,435,580	\$ -	\$ (57,772,858)	\$ -	\$ 65,212	\$ (3,162)	\$ (502)	\$ (57,560)	\$ 95,666,710	
ARPA										
PFM ARPA	\$ 462,067,117			\$ -	\$ 331,599	\$ (277,241)	\$ -	\$ (260,755)	\$ 461,860,721	
Wilmington ARPA	\$ 461,264,135			\$ -	\$ 235,353	\$ (242,288)	\$ 6	\$ (163,129)	\$ 461,094,076	
Total ARPA	\$ 923,331,252	\$ -	\$ -	\$ -	\$ 566,952	\$ (519,529)	\$ 6	\$ (423,884)	\$ 922,954,797	
Total	\$ 5,221,670,060	\$ 380,000,000	\$ (337,772,858)	\$ -	\$ 5,216,541	\$ (12,851,166)	\$ 7,948,070	\$ (1,616,992)	\$ 5,262,593,654	

## Footnotes:

The \$300 million withdrawal in September from the Reserve Portfolio represents the first step in adjusting the Liquidity/Reserve allocation to a 40%/60% level as approved by the Cash Management Policy Board at its August 25, 2021 meeting. The reallocation is expected to be completed during October 2021.

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.





# FISCAL YEAR TO DATE

Change in Market Value Fiscal Year-to-Date Through December 31, 2021										
	Beginning Market Value	Contributions	Withdrawals	Fees	Income	Unrealized Gain (Loss)	Realized Gain (Loss)	Amortization / Accretion	Ending Market Value	
Liquidity Managers										
PFM Asset Management	\$ 670,165,384	\$ 620,000,000	\$ (225,000,000)	\$ (207,366)	\$ 2,898,147	\$ (1,573,396)	\$ 100,696	\$ (2,093,906)	\$ 1,064,289,558	
Wilmington Liquidity	\$ 667,899,950	\$ 620,000,000	\$ (225,000,000)	\$ (195,769)	\$ 2,471,243	\$ (3,140,205)	\$ 54,980	\$ (1,272,988)	\$ 1,060,817,212	
Total Liquidity Managers	\$ 1,338,065,334	\$ 1,240,000,000	\$ (450,000,000)	\$ (403,135)	\$ 5,369,390	\$ (4,713,600)	\$ 155,676	\$ (3,366,895)	\$ 2,125,106,770	
Reserve Managers										
BlackRock Financial Management	\$ 522,812,835	\$ -	\$ -	\$ (178,831)	\$ 2,640,325	\$ (6,700,569)	\$ 1,216,653	\$ (462,649)	\$ 519,327,762	
Chandler Asset Management	\$ 553,398,402	\$ -	\$ (140,000,000)	\$ (178,450)	\$ 5,482,703	\$ (16,576,926)	\$ 8,877,221	\$ 38,186	\$ 411,041,135	
JPM Intermediate	\$ 983,835,579	\$ -	\$ (300,000,000)	\$ (293,024)	\$ 2,806,336	\$ (4,917,092)	\$ 794,964	\$ (682,630)	\$ 681,544,131	
Lazard Asset Management	\$ 542,685,942	\$ -	\$ (140,000,000)	\$ (302,740)	\$ 6,103,631	\$ (12,282,967)	\$ 7,001,918	\$ (2,135,774)	\$ 401,070,009	
Total Reserve Managers	\$ 2,602,732,758	\$ -	\$ (580,000,000)	\$ (953,045)	\$ 17,032,995	\$ (40,477,554)	\$ 17,890,756	\$ (3,242,867)	\$ 2,012,983,037	
Total Liquidity & Reserve Managers	\$ 3,940,798,092	\$ 1,240,000,000	\$ (1,030,000,000)	\$ (1,356,180)	\$ 22,402,385	\$ (45,191,154)	\$ 18,046,432	\$ (6,609,762)	\$ 4,138,089,807	
Land & Water Endowment										
SEI Funds	\$ 44,700,020	\$ 7,988,469	\$ -	\$ (83,785)	\$ 941,066	\$ (2,661,643)	\$ 3,694,474	\$ -	\$ 54,578,600	
Vanguard	\$ 41,525,917	\$ 7,988,307	\$ (17,000)	\$ (39,344)	\$ 506,501	\$ 856,030	\$ 483,245	\$ -	\$ 51,303,657	
Total Land & Water Endowment	\$ 86,226,021	\$ 15,976,776	\$ (17,000)	\$ (123,129)	\$ 1,447,567	\$ (1,805,613)	\$ 4,177,719	\$ -	\$ 105,882,341	
CARES										
PFM CARES	\$ 76,743,189	\$ -	\$ (30,407,291)	\$ (31,245)	\$ 437,704	\$ (7,112)	\$ (517)	\$ (383,121)	\$ 46,351,608	
PFM NCC CARES	\$ 5,471,494	\$ -	\$ (3,964,934)	\$ -	\$ 736	\$ -	\$ -	\$ -	\$ 1,507,296	
Wilmington CARES	\$ 76,693,740	\$ -	\$ (30,407,291)	\$ (15,808)	\$ 23,967	\$ 31	\$ -	\$ 2,238	\$ 46,296,877	
Wilmington NCC CARES	\$ 5,475,625	\$ -	\$ (3,964,934)	\$ (1,034)	\$ 892	\$ (82)	\$ 718	\$ (256)	\$ 1,510,929	
Total CARES	\$ 164,384,048	\$ -	\$ (68,744,450)	\$ (48,087)	\$ 463,299	\$ (7,163)	\$ 202	\$ (381,139)	\$ 95,666,710	
ARPA										
PFM ARPA	\$ 462,847,299	\$ -	\$ (639,040)	\$ (98,067)	\$ 1,801,353	\$ (431,585)	\$ 1,866	\$ (1,621,106)	\$ 461,860,721	
Wilmington ARPA	\$ 462,114,400	\$ -	\$ (225,966)	\$ (100,685)	\$ 1,407,238	\$ (925,085)	\$ 17,599	\$ (1,193,428)	\$ 461,094,076	
Total ARPA	\$ 924,961,699	\$ -	\$ (865,006)	\$ (198,752)	\$ 3,208,591	\$ (1,356,670)	\$ 19,464	\$ (2,814,534)	\$ 922,954,797	
Total	\$ 5,116,369,860	\$ 1,255,976,776	\$ (1,099,626,456)	\$ (1,726,148)	\$ 27,521,842	\$ (48,360,600)	\$ 22,243,817	\$ (9,805,435)	\$ 5,262,593,654	

## Footnotes:

The \$300 million withdrawal from the Reserve Portfolio in September represents the first step in adjusting the Liquidity/Reserve allocation to a 40%/60% level as approved by the Cash Management Policy Board at its August 25, 2021 meeting. The reallocation is expected to be completed during October 2021.

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.



# DEFAC PROJECTION

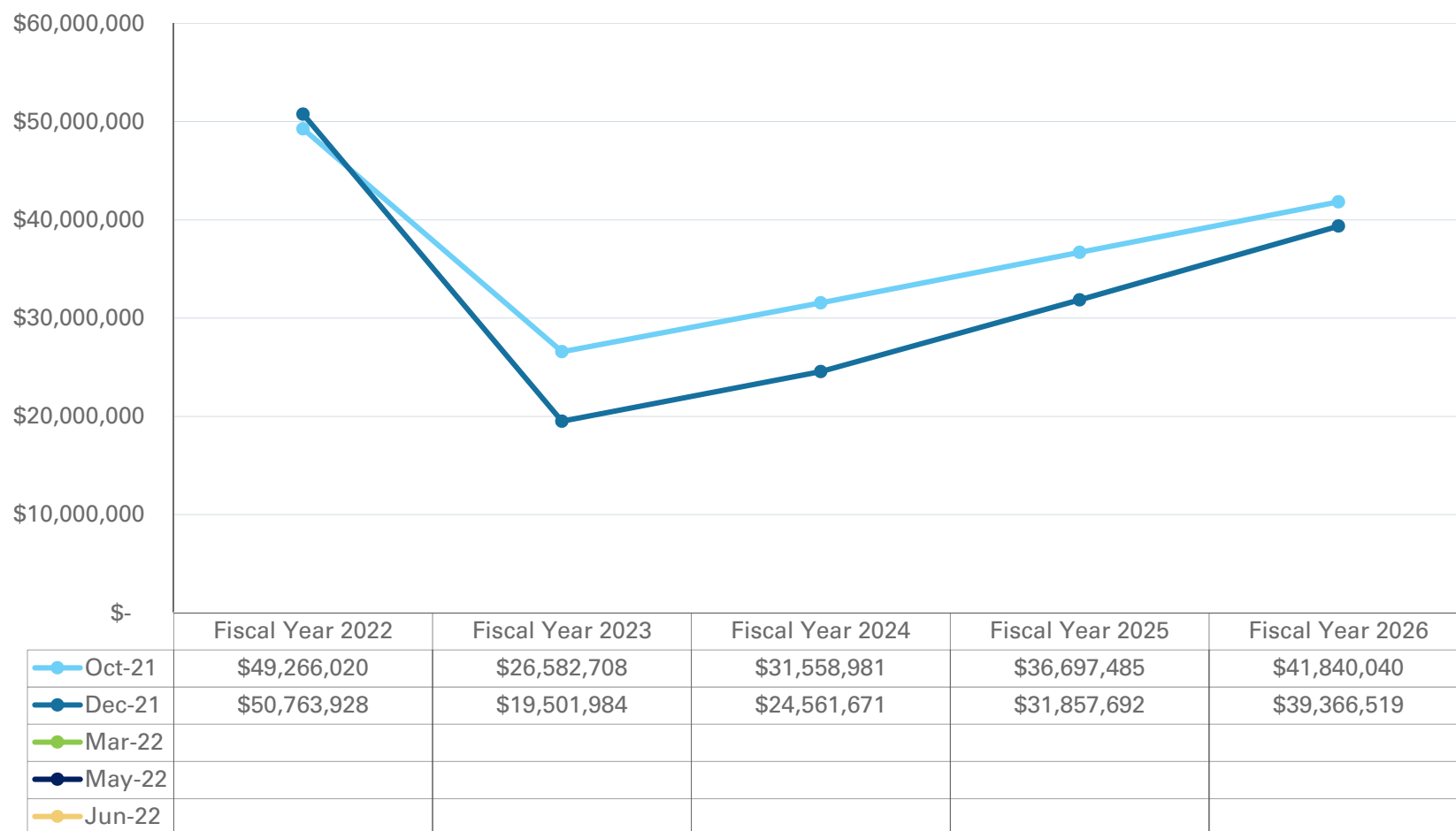
	DEFAC Current Year	Δ From Previous	FY 23	FY 23 Δ From Previous	FY 24	FY 24 Δ From Previous	FY 25	FY 25 Δ From Previous	FY 26	FY 26 Δ From Previous
	<u>Totals</u>		<u>Totals</u>		<u>Totals</u>		<u>Totals</u>		<u>Totals</u>	
<b>Total Interest</b>	\$47,975,792	\$5,042,273	\$30,202,141	\$4,784,342	\$39,775,617	\$6,598,049	\$49,371,321	\$8,415,929	\$58,989,233	\$10,237,974
<b>Change in Market Value</b>	\$24,556,877	\$7,587,360	\$4,758,797	\$33,622	\$4,574,631	(\$623)	\$4,572,117	(\$1,086)	\$4,569,604	(\$1,549)
<b>Less: SSF Interest Payments</b>	(\$1,041,667)	\$208,333	(\$2,500,000)	-	(\$4,791,667)	-	(\$5,000,000)	-	(\$5,000,000)	-
<b>Less: Banking Services</b>	(\$4,923,700)	-	(\$5,169,885)	-	(\$5,428,379)	-	(\$5,699,798)	-	(\$5,984,788)	-
<b>Less: Investment Manager Fees</b>	(\$2,968,259)	(\$2,852)	(\$2,976,896)	(\$5,791)	(\$2,976,896)	(\$5,791)	(\$2,976,896)	(\$5,791)	(\$2,976,896)	(\$5,791)
<b>DEFAC Projection</b>	<b>\$63,599,044</b>	<b>\$12,835,116</b>	<b>\$24,314,157</b>	<b>\$4,812,173</b>	<b>\$31,153,306</b>	<b>\$6,591,635</b>	<b>\$40,266,743</b>	<b>\$8,409,051</b>	<b>\$49,597,153</b>	<b>\$10,230,634</b>

As of 12/31/2021; sweep income incorporated under the Total Interest line item

- **U.S. yields increased during the month, with longer-dated yields experiencing the most significant moves, causing the yield curve to steepen further**
- **Interest rate expectations moved higher as the market continued pricing in a more aggressive path for interest rate hikes by the Federal Reserve, resulting in higher expected total interest**
  - Future 1-year rate expectations: FY23: 1.18% FY 24: 1.52% FY 25: 1.59% FY 26: 1.63%



# DEFAC PROJECTION



# 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 \$410,308 per month; projected to increase 5% annually
- **School and Special Fund Interest Payments:** Actual payments reflected as realized, projected payments calculated based on \$1B average balance and a range-bound rate as implied by the trailing 12M liquidity and liquidity & reserve returns
- **Investment Manager Fees:** Estimated as 7.6 basis points per year of assets under management

