

 BNY MELLON  
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# Morgan Stanley

## To the Unitholders of: *Morgan Stanley Portfolios, Series 45 Life After Covid, Series 1*

In accordance with the Standard Terms and Conditions of the Trust, The Bank of New York Mellon, Trustee, submits the following cash basis statement for the period January 1, 2022 thru the termination date November 8, 2022.

### Income Account

Balance on January 1, 2022		\$	151,162.99
Income Received on Securities			863,950.76
Foreign Tax Withheld			(6,508.37)
Supplemental Deposit Income			286.86
Less:			
Trustee Fee and Fund Expenses	\$	104,059.03	
Sponsors Fees		156,206.38	
Income Paid for Unit Redemptions		172,121.31	
Distributions to Unitholders		576,505.52	1,008,892.24
Balance on November 8, 2022*	\$		0.00

### Distributions From the Income Account

	Date	Rate per Unit	Total per Distribution
Semi-Annually:	06-25-22	\$ 0.04223	\$ 380,646.14
	11-08-22	0.04557	195,859.38
<b>Total</b>		<b>\$ 0.08780</b>	<b>\$ 576,505.52</b>

### Principal and Redemption Accounts

Balance on January 1, 2022		\$	246,967.83
Proceeds Received from Sale, Maturity, Liquidation or Redemption of Securities			87,727,483.54
Receipts from Supplemental Deposits			267,169.50
Less:			
Payments for Securities Acquired	\$	262,723.83	
Proceeds Paid to Unitholders from the Redemption Account for Redemption of Units		48,801,633.81	
Principal Distributions from Capital Account		39,176,504.87	
Organizational Expenses		758.36	88,241,620.87
Balance on November 8, 2022*	\$		0.00

### Distributions From the Principal Account

	Date	Rate per Unit	Total per Distribution
	11-08-22	\$ 9.11429	\$ 39,176,504.87
<b>Total</b>		<b>\$ 9.11429</b>	<b>\$ 39,176,504.87</b>

### Securities Removed From the Portfolio

Date	Shares	Description	Proceeds
Various	37,694	1LIFE Healthcare Inc	\$ 616,585.25
Various	4,976	Accenture Plc	1,340,663.11
Various	14,605	Actvision Blizzard Inc	1,079,537.11
Various	13,501	Alphabet Inc Class A	1,396,221.14
Various	6,721	Amazon Communications Inc	757,062.72
Various	9,987	Apple Computer Inc	1,461,841.76
Various	16,873	Arista Networks Inc	2,077,970.11
Various	5,757	Atlassian Corp	1,041,212.41
Various	69,647	Box Inc	1,877,877.29
Various	35,000	Boyd Gaming Corp	1,908,714.64
Various	5,757	Burlington Stores Inc	804,657.99
Various	12,290	Carmax Inc	878,466.38
Various	17,290	Centene Corp	1,451,061.99
Various	28,065	Charles Schwab Corp	2,143,362.88
Various	1,515	Charter Communications Inc-A	554,223.00
Various	31,540	Cisco Systems	1,394,684.91
Various	40,407	Citizens Financial Group Inc.	1,563,690.28
Various	26,143	Comcast Corp New Cl A	852,605.15
Various	117,759	Commscope Holding Co Inc	1,190,389.90
Various	6,887	Crown Castle Inc	981,529.47
Various	18,841	CVS Health Corporation	1,845,860.94
Various	4,976	Docusign Inc	258,046.62
Various	2,663	Domino's Pizza Inc	930,209.94
Various	60,783	E.L.F. Beauty, Inc.	2,606,863.43
Various	3,435	Elevance Health Inc	1,738,934.63
Various	26,533	Energizer Hldgs Inc New	749,921.86
Various	3,050	Epam Sys Inc	1,032,215.60
Various	4,585	Estee Lauder Companies Inc Cl A	1,026,756.98
Various	48,475	Fifth Third Bancorp	1,685,600.92
Various	3,834	Home Depot Inc	1,100,290.21
Various	3,435	Hubspot Inc	1,009,388.23
Various	2,270	Humana Inc	1,195,857.73
Various	40,407	Invitation Com USD0.01	1,355,905.62
Various	11,135	Jp Morgan Chase & Co	1,370,420.59
Various	30,371	Knight-Swift Transportation Holdings Inc	1,480,128.67
Various	74,266	Levi Strauss + Co	1,179,602.52
Various	4,217	Lithia Motors Inc	933,001.45
Various	6,887	Lowe's Co Inc	1,296,628.80
Various	3,436	Mastercard Inc Class A	1,081,063.17
Various	5,366	McDonalds Corp	1,407,049.61
Various	3,834	Meta Platforms Inc	461,185.19
Various	21,516	Micron Technology	1,201,507.79
Various	4,978	Microsoft Corp	1,164,510.71
Various	5,366	Molina Healthcare Inc	1,840,929.42
Various	2,270	Netflix Inc	591,982.46
Various	8,819	Nike Inc	862,339.30
Various	5,757	Paypal Holdings Inc	479,838.00
Various	8,455	Pepsico Inc	1,472,277.76
Various	10,739	Prologis Inc	1,206,214.05

*Statement Regarding Negative Balances.* Income Account - A negative balance in the Income Account may be attributed to the payment cycle of the securities in the Portfolio. Distributions may be more or less than the amount credited to the Income Account. Principal and Redemption Accounts - A negative balance in the Principal and Redemption Accounts may be attributed to pending securities sales to meet unit redemptions.

Bid prices have been determined and furnished to the Trustee by the Evaluator for the Trust. The prices quoted above are stated as a percentage of the face value. The Bank of New York Mellon, as Trustee, is not in a position to determine, or assist unit holders in determining capital gains and losses. Questions that apply to the calculations of income taxes should be referred to your tax consultant.

**Securities Removed From the Portfolio - Continued**

Date	Shares	Description	Proceeds
Various	18,841	Pvh Corp	1,019,873.62
Various	21,911	Raymond James Finl	2,443,435.54
Various	21,908	Restaurant Brands Intl Inc Com	1,274,702.96
Various	12,290	Ross Stores	1,115,276.39
Various	4,217	Salesforce Inc	648,075.80
Various	49,615	Schneider National Inc	1,092,363.65
Various	22,299	Seagate Technology	1,265,440.50
Various	20,764	Smartsheet Inc. (Class A)	694,393.19
Various	5,365	Splunk Inc	442,679.83
Various	4,585	Spotify Technology	398,009.10
Various	4,994	Take Two Interactive Software	578,415.19
Various	21,516	Tjx Companies Inc	1,463,426.62
Various	9,986	T-Mobile US Inc	1,426,195.17
Various	13,051	Transunion	785,249.49
Various	28,065	Uber Technologies Inc	815,175.67
Various	3,049	Unitedhealth Group Inc	1,619,557.16
Various	3,834	Veeva Systems Inc Class A	657,516.35
Various	5,758	Verisk Analytics Inc	999,149.71
Various	5,758	Visa Inc Cl A	1,127,875.53
Various	8,063	Wal-Mart Stores Inc	1,113,581.03
Various	9,205	Walt Disney Co	956,520.34
Various	30,002	Werner Enterprises	1,161,527.07
Various	30,371	Western Digital Corp	1,119,059.57
Various	4,976	Workday Inc	753,148.62
Various	50,012	Ww International Inc	238,888.44
Various	11,523	Yum! Brands Inc	1,348,935.66
Various	9,602	Zendesk Inc	748,251.31
Various	128,887	Zynga Inc.	483,870.34
<b>Totals</b>	<b>1,493,560</b>		<b>\$ 87,727,483.54</b>

**Securities Acquired - Purchases**

Date	Shares	Description	Cost
Various	118	1LIFE Healthcare Inc	\$ 1,097.99
Various	15	Accenture Plc	4,281.38
Various	45	Activision Blizzard Inc	3,455.78
Various	12,770	Alphabet Inc Class A	4,519.83
Various	6,368	Amazon Communications Inc	2,472.03
Various	31	Apple Computer Inc	4,335.20
Various	53	Arista Networks Inc	5,138.09
Various	18	Atlassian Corp	3,548.79
Various	218	Box Inc	5,438.01
Various	110	Boyd Gaming Corp	5,465.35
Various	18	Burlington Stores Inc	2,737.17
Various	38	Carmax Inc	3,490.87
Various	54	Centene Corp	4,525.47
Various	88	Charles Schwab Corp	5,530.36
Various	4	Charter Communications Inc-A	1,819.14
Various	99	Cisco Systems	4,303.04
Various	127	Citizens Financial Group Inc.	4,481.20
Various	82	Comcast Corp New Cl A	3,191.85
Various	370	Commscope Holding Co Inc	2,521.55
Various	21	Crown Castle Inc	3,629.12
Various	59	CVS Health Corporation	5,490.25
Various	15	Docusign Inc	997.43
Various	8	Domino's Pizza Inc	3,200.12
Various	191	E.L.F. Beauty, Inc.	5,280.20
Various	10	Elevance Health Inc	4,752.95
Various	83	Energizer Hldgs Inc New	2,336.04
Various	9	Epam Sys Inc	2,918.21

**Securities Acquired - Purchases - Continued**

Date	Shares	Description	Cost
Various	14	Estee Lauder Companies Inc Cl A	3,667.37
Various	152	Fifth Third Bancorp	5,112.52
Various	12	Home Depot Inc	3,329.82
Various	10	Hubspot Inc	3,346.75
Various	7	Humana Inc	3,183.01
Various	127	Invitation Com USD0.01	4,482.47
Various	35	Jp Morgan Chase & Co	3,953.43
Various	95	Knight-Swift Transportation Holdings Inc	4,363.83
Various	233	Levi Strauss + Co	3,941.20
Various	13	Lithia Motors Inc	3,615.50
Various	21	Lowe's Co Inc	3,733.28
Various	10	Mastercard Inc Class A	3,192.35
Various	16	McDonalds Corp	3,924.40
Various	12	Meta Platforms Inc	1,940.82
Various	67	Micron Technology	3,830.06
Various	15	Microsoft Corp	3,927.98
Various	16	Molina Healthcare Inc	4,282.64
Various	7	Netflix Inc	1,283.84
Various	27	Nike Inc	2,968.52
Various	18	Paypal Holdings Inc	1,345.05
Various	26	Pepsico Inc	4,307.03
Various	33	Prologis Inc	3,944.00
Various	59	Pvh Corp	3,692.52
Various	68	Raymond James Finl	6,025.82
Various	68	Restaurant Brands Intl Inc Com	3,354.78
Various	38	Ross Stores	2,850.19
Various	13	Salesforce Inc	2,301.20
Various	155	Schneider National Inc	3,460.38
Various	70	Seagate Technology	4,964.75
Various	65	Smartsheet Inc. (Class A)	2,094.63
Various	16	Splunk Inc	1,513.04
Various	14	Spotify Technology	1,452.43
Various	4,994	Take Two Interactive Software	2,090.80
Various	67	Tjx Companies Inc	3,874.95
Various	31	T-Mobile US Inc	4,218.95
Various	41	Transunion	3,279.80
Various	88	Uber Technologies Inc	1,979.56
Various	9	Unitedhealth Group Inc	4,495.10
Various	12	Veeva Systems Inc Class A	2,430.06
Various	18	Verisk Analytics Inc	3,086.91
Various	18	Visa Inc Cl A	3,559.41
Various	25	Wal-Mart Stores Inc	3,102.63
Various	28	Walt Disney Co	2,677.22
Various	94	Werner Enterprises	3,572.47
Various	95	Western Digital Corp	4,399.93
Various	15	Workday Inc	2,171.93
Various	157	Ww International Inc	1,096.65
Various	36	Yum! Brands Inc	4,078.98
Various	30	Zendesk Inc	2,265.45
<b>Totals</b>	<b>28,312</b>		<b>\$ 262,723.83</b>

**Stock Splits and Dividends**

Date	Description	Reason
05-25-22	Take Two Interactive Software	Stock Merger
05-25-22	Zynga Inc.	Stock Merger
06-08-22	Amazon Communications Inc	Stock Split
07-20-22	Alphabet Inc Class A	Stock Split

**Securities Portfolio As of November 8, 2022**

NONE