

Portfolio Performance (net of fees) for Period Ending December 31, 2017

	Market Value (millions)	Annualized Returns for:						
		1 Year	3 Years	5 Years	10 Years	15 Years	20 Years	30 Years
Total Fund	\$29,665	14.6%	6.8%	8.7%	5.5%	7.7%	7.1%	8.4%
Policy Benchmark Portfolio		14.3%	6.3%	7.3%	4.6%	7.1%	6.3%	7.3%
Equities	\$11,590	24.8%	9.7%	11.6%	5.5%	9.3%	6.8%	-
U.S. Equities	\$5,115	21.2%	11.2%	15.6%	8.8%	10.5%	7.7%	-
International Developed Market Equities	\$3,438	24.5%	8.6%	8.9%	2.7%	8.6%	-	-
International Emerging Market Equities	\$2,469	32.9%	8.2%	3.7%	0.7%	-	-	-
Global Equities	\$568	27.1%	11.4%	17.7%	-	-	-	-
Hedge Funds	\$6,591	6.0%	2.8%	5.3%	3.4%	-	-	-
High-Yield Investments	\$3,679	13.0%	7.6%	8.8%	8.7%	8.6%	-	-
Opportunistic Credit	\$1,979	12.9%	8.5%	9.7%	7.8%	-	-	-
Distressed Debt*	\$495	22.1%	9.1%	11.2%	9.3%	-	-	-
High-Yield Bonds	\$273	6.6%	5.4%	5.3%	7.4%	7.7%	-	-
Direct Lending*	\$933	9.6%	4.2%	-	-	-	-	-
Private Equity*	\$3,597	19.4%	12.9%	14.9%	8.3%	-	-	-
Real Assets	\$2,188	2.3%	1.2%	4.2%	4.3%	10.7%	-	-
Private Real Estate*	\$590	13.0%	13.5%	15.3%	-	-	-	-
Master Limited Partnerships	\$916	-5.6%	-7.9%	-	-	-	-	-
REITs	\$681	7.6%	5.1%	8.3%	6.0%	10.8%	-	-
Investment-Grade Bonds	\$1,643	4.0%	3.1%	3.0%	4.6%	4.6%	5.6%	7.4%
Cash and Cash Equivalents	\$377	0.9%	0.5%	0.6%	1.3%	-	-	-

Due to rounding, totals and detail may not equal.

*Performance of TCDRS' distressed debt, direct lending, private equity and private real estate portfolios are lagged one quarter. Actual fourth-quarter performance for these asset classes will be released in conjunction with TCDRS' 2017 Comprehensive Annual Financial Report.

Source: BNY Mellon Performance and Risk Analytics, December 2017