

Pioneer Mid Cap Value Fund

Schedule of Investments | January 31, 2024

A: PCGRX

C: PCCGX

K: PMCKX

R: PCMRX

Y: PYCGX

Schedule of Investments | 1/31/24

(unaudited)

Shares		Value
	UNAFFILIATED ISSUERS — 100.1%	
	COMMON STOCKS — 99.9% of Net Assets	
	Automobile Components — 0.9%	
48,730	Lear Corp.	\$ 6,476,217
	Total Automobile Components	\$ 6,476,217
	Automobiles — 1.1%	
653,856	Ford Motor Co.	\$ 7,663,192
	Total Automobiles	\$ 7,663,192
	Banks — 8.9%	
312,124	Citizens Financial Group, Inc.	\$ 10,206,455
127,190	M&T Bank Corp.	17,564,939
880,981	Regions Financial Corp.	16,447,915
491,284	Truist Financial Corp.	18,206,985
	Total Banks	\$ 62,426,294
	Beverages — 1.1%	
122,452	Molson Coors Beverage Co., Class B	\$ 7,566,309
	Total Beverages	\$ 7,566,309
	Broadline Retail — 2.5%	
435,293	eBay, Inc.	\$ 17,877,484
	Total Broadline Retail	\$ 17,877,484
	Building Products — 1.1%	
30,066	Trane Technologies Plc	\$ 7,578,135
	Total Building Products	\$ 7,578,135
	Capital Markets — 7.5%	
171,642	Northern Trust Corp.	\$ 13,669,569
129,722	Raymond James Financial, Inc.	14,292,770
334,098	State Street Corp.	24,679,819
	Total Capital Markets	\$ 52,642,158
	Chemicals — 4.0%	
287,791	Dow, Inc.	\$ 15,425,598
136,593	LyondellBasell Industries NV, Class A	12,856,133
	Total Chemicals	\$ 28,281,731
	Commercial Services & Supplies — 1.4%	
123,889	Brink's Co.	\$ 10,015,187
	Total Commercial Services & Supplies	\$ 10,015,187
	Communications Equipment — 2.0%	
43,994	Motorola Solutions, Inc.	\$ 14,056,083
	Total Communications Equipment	\$ 14,056,083

Shares		Value
	Consumer Staples Distribution & Retail — 1.2%	
359,287	Walgreens Boots Alliance, Inc.	\$ 8,109,108
	Total Consumer Staples Distribution & Retail	\$ 8,109,108
	Containers & Packaging — 1.7%	
462,502	Graphic Packaging Holding Co.	\$ 11,798,426
	Total Containers & Packaging	\$ 11,798,426
	Electric Utilities — 1.9%	
384,086	Exelon Corp.	\$ 13,370,034
	Total Electric Utilities	\$ 13,370,034
	Electrical Equipment — 2.2%	
169,390	Emerson Electric Co.	\$ 15,538,145
	Total Electrical Equipment	\$ 15,538,145
	Electronic Equipment, Instruments & Components — 1.6%	
50,029	CDW Corp.	\$ 11,342,575
	Total Electronic Equipment, Instruments & Components	\$ 11,342,575
	Entertainment — 1.2%	
858,239(a)	Warner Bros Discovery, Inc.	\$ 8,599,555
	Total Entertainment	\$ 8,599,555
	Financial Services — 0.8%	
91,544(a)	PayPal Holdings, Inc.	\$ 5,616,224
	Total Financial Services	\$ 5,616,224
	Food Products — 2.2%	
276,269	Kellanova	\$ 15,128,490
	Total Food Products	\$ 15,128,490
	Ground Transportation — 1.5%	
51,260	JB Hunt Transport Services, Inc.	\$ 10,302,235
	Total Ground Transportation	\$ 10,302,235
	Health Care Equipment & Supplies — 6.7%	
283,254	Dentsply Sirona, Inc.	\$ 9,843,076
189,557	GE HealthCare Technologies, Inc.	13,905,902
182,465	Zimmer Biomet Holdings, Inc.	22,917,604
	Total Health Care Equipment & Supplies	\$ 46,666,582
	Health Care Providers & Services — 1.4%	
89,222	Cardinal Health, Inc.	\$ 9,742,150
	Total Health Care Providers & Services	\$ 9,742,150

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(unaudited) (continued)

Shares		Value
211,431	Health Care REITs — 0.6% Healthpeak Properties, Inc.	\$ 3,911,473
	Total Health Care REITs	\$ 3,911,473
343,689	Hotel & Resort REITs — 0.9% Host Hotels & Resorts, Inc.	\$ 6,605,703
	Total Hotel & Resort REITs	\$ 6,605,703
77,966(a)	Hotels, Restaurants & Leisure — 1.6% Expedia Group, Inc.	\$ 11,564,697
	Total Hotels, Restaurants & Leisure	\$ 11,564,697
125,982	Industrial REITs — 0.9% First Industrial Realty Trust, Inc.	\$ 6,490,593
	Total Industrial REITs	\$ 6,490,593
242,889	Insurance — 4.4% American International Group, Inc.	\$ 16,883,214
138,827(a)	Brighthouse Financial, Inc.	7,187,074
247,508	Old Republic International Corp.	6,940,124
	Total Insurance	\$ 31,010,412
112,316	Machinery — 7.4% AGCO Corp.	\$ 13,739,616
23,535	Dover Corp.	3,525,072
154,269	Ingersoll Rand, Inc.	12,319,923
143,334	PACCAR, Inc.	14,389,300
86,392	Stanley Black & Decker, Inc.	8,060,374
	Total Machinery	\$ 52,034,285
427,128	Media — 2.0% Fox Corp., Class A	\$ 13,796,234
	Total Media	\$ 13,796,234
230,236(a)	Metals & Mining — 1.5% Cleveland-Cliffs, Inc.	\$ 4,616,232
172,685	Newmont Corp.	5,959,359
	Total Metals & Mining	\$ 10,575,591
453,168	Multi-Utilities — 4.0% CenterPoint Energy, Inc.	\$ 12,661,514
270,148	Public Service Enterprise Group, Inc.	15,665,882
	Total Multi-Utilities	\$ 28,327,396
452,797	Oil, Gas & Consumable Fuels — 8.0% APA Corp.	\$ 14,186,130
96,477	Chord Energy Corp.	14,834,304

Shares		Value
	Oil, Gas & Consumable Fuels — (continued)	
799,031	Coterra Energy, Inc.	\$ 19,879,891
237,150	Range Resources Corp.	6,886,836
	Total Oil, Gas & Consumable Fuels	\$ 55,787,161
	Passenger Airlines — 0.7%	
117,273	Delta Air Lines, Inc.	\$ 4,590,065
	Total Passenger Airlines	\$ 4,590,065
	Personal Care Products — 1.2%	
401,710	Kenvue, Inc.	\$ 8,339,500
	Total Personal Care Products	\$ 8,339,500
	Residential REITs — 1.5%	
57,089	AvalonBay Communities, Inc.	\$ 10,219,502
	Total Residential REITs	\$ 10,219,502
	Retail REITs — 1.1%	
372,930	Kimco Realty Corp.	\$ 7,533,186
	Total Retail REITs	\$ 7,533,186
	Semiconductors & Semiconductor Equipment — 1.8%	
117,143	MKS Instruments, Inc.	\$ 12,469,872
	Total Semiconductors & Semiconductor Equipment	\$ 12,469,872
	Specialized REITs — 2.5%	
57,623	Extra Space Storage, Inc.	\$ 8,323,066
199,049	Gaming and Leisure Properties, Inc.	9,086,587
	Total Specialized REITs	\$ 17,409,653
	Specialty Retail — 1.0%	
99,750	Best Buy Co., Inc.	\$ 7,230,877
	Total Specialty Retail	\$ 7,230,877
	Technology Hardware, Storage & Peripherals — 2.0%	
906,609	Hewlett Packard Enterprise Co.	\$ 13,862,052
	Total Technology Hardware, Storage & Peripherals	\$ 13,862,052
	Textiles, Apparel & Luxury Goods — 1.0%	
50,100	Ralph Lauren Corp.	\$ 7,197,867
	Total Textiles, Apparel & Luxury Goods	\$ 7,197,867
	Trading Companies & Distributors — 2.9%	
261,860(a)	AerCap Holdings NV	\$ 20,048,002
	Total Trading Companies & Distributors	\$ 20,048,002
	TOTAL COMMON STOCKS	
	(Cost \$621,786,793)	\$699,800,435

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(unaudited) (continued)

Shares		Value
	SHORT TERM INVESTMENTS — 0.2% of Net Assets	
	Open-End Fund — 0.2%	
1,450,015(b)	Dreyfus Government Cash Management, Institutional Shares, 5.22%	\$ 1,450,015
		\$ 1,450,015
	TOTAL SHORT TERM INVESTMENTS (Cost \$1,450,015)	\$ 1,450,015
	TOTAL INVESTMENTS IN UNAFFILIATED ISSUERS — 100.1% (Cost \$623,236,808)	\$701,250,450
	OTHER ASSETS AND LIABILITIES — (0.1)%	\$ (741,991)
	NET ASSETS — 100.0%	\$700,508,459

REIT Real Estate Investment Trust.

(a) Non-income producing security.

(b) Rate periodically changes. Rate disclosed is the 7-day yield at January 31, 2024.

Various inputs are used in determining the value of the Fund's investments. These inputs are summarized in the three broad levels below.

Level 1 - unadjusted quoted prices in active markets for identical securities.

Level 2 - other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risks, etc.).

Level 3 - significant unobservable inputs (including the Adviser's own assumptions in determining fair value of investments).

The following is a summary of the inputs used as of January 31, 2024 in valuing the Fund's investments:

	Level 1	Level 2	Level 3	Total
Common Stocks	\$699,800,435	\$—	\$—	\$699,800,435
Open-End Fund	1,450,015	—	—	1,450,015
Total Investments in Securities	\$701,250,450	\$—	\$—	\$701,250,450

During the period ended January 31, 2024, there were no transfers in or out of Level 3.