



Virtus Global Allocation Fund

Investments as of May 31, 2024
(Unaudited)

Shares/Principal Amount	Security Description	Currency Code	Interest Rate	Maturity Date	Market Value	% of Fund
Fixed Income						
475,000	AES CORP/THE	USD	5.45	6/1/2028	472,729	0.35%
53,000	AIR TRANSPORT SERVICES GROUP INC	USD	3.875	8/15/2029	43,757	0.03%
11,000	AKAMAI TECHNOLOGIES INC	USD	1.125	2/15/2029	10,412	0.01%
10,000	AKAMAI TECHNOLOGIES INC	USD	0.375	9/1/2027	9,750	0.01%
41,000	ALARM.COM HOLDINGS INC	USD	0	1/15/2026	37,351	0.03%
47,000	ALNYLAM PHARMACEUTICALS INC	USD	1	9/15/2027	43,766	0.03%
5,000	ALTAIR ENGINEERING INC	USD	1.75	6/15/2027	6,632	0.00%
34,000	AMERICAN AIRLINES GROUP INC	USD	6.5	7/1/2025	35,134	0.03%
560,000	AMERICAN EXPRESS CO	USD	4.05	5/3/2029	536,936	0.39%
600,000	AMERICAN HOMES 4 RENT LP	USD	5.5	2/1/2034	587,445	0.43%
725,000	AUTODESK INC	USD	2.4	12/15/2031	594,320	0.44%
420,000	AVALONBAY COMMUNITIES INC	USD	1.9	12/1/2028	366,954	0.27%
100,000	AVOLON HOLDINGS FUNDING LTD	USD	2.528	11/18/2027	89,247	0.07%
155,000	AVOLON HOLDINGS FUNDING LTD	USD	5.75	11/15/2029	153,669	0.11%
42,000	AXON ENTERPRISE INC	USD	0.5	12/15/2027	55,923	0.04%
400,000	BACARDI LTD / BACARDI-MARTINI BV	USD	5.25	1/15/2029	392,131	0.29%
58,000	BANDWIDTH INC	USD	0.5	4/1/2028	43,459	0.03%
500,000	BARCLAYS PLC	USD	7.437	11/2/2033	549,781	0.40%
500,000	BCCMS 2018-TALL MORTGAGE TRUST	USD	6.23601	3/15/2037	476,309	0.35%
50,000	BENTLEY SYSTEMS INC	USD	0.375	7/1/2027	44,525	0.03%
45,000	BENTLEY SYSTEMS INC	USD	0.125	1/15/2026	44,303	0.03%
43,000	BLACKLINE INC	USD	0.125	8/1/2024	42,549	0.03%
38,000	BLACKLINE INC	USD	0	3/15/2026	34,200	0.03%
41,000	BLOCK INC	USD	0	5/1/2026	36,436	0.03%
45,000	BLOCK INC	USD	0.25	11/1/2027	36,900	0.03%
200,000	BNP PARIBAS SA	USD	1.675	6/30/2027	184,895	0.14%
41,000	BOOKING HOLDINGS INC	USD	0.75	5/1/2025	82,085	0.06%
500,000	BOSTON PROPERTIES LP	USD	3.4	6/21/2029	442,042	0.32%
30,000	BURLINGTON STORES INC	USD	1.25	12/15/2027	39,015	0.03%
42,000	BURLINGTON STORES INC	USD	2.25	4/15/2025	49,581	0.04%
282,588	BX COMMERCIAL MORTGAGE TRUST 2019-IMC	USD	6.3633	4/15/2034	280,124	0.21%
500,000	BX TRUST 2023-LIFE	USD	5.0453	2/3/2028	481,148	0.35%
520,000	CAPITAL ONE FINANCIAL CORP	USD	6.377	6/8/2034	532,688	0.39%
43,000	CARNIVAL CORP	USD	5.75	12/1/2027	60,620	0.04%
4,000	CARNIVAL CORP	USD	5.75	10/1/2024	6,089	0.00%
500,000	CITIGROUP INC	USD	1.281	11/3/2025	490,502	0.36%
42,000	CMS ENERGY CORP	USD	3.375	5/1/2028	41,727	0.03%
39,000	COLLEGIUM PHARMACEUTICAL INC	USD	2.875	2/15/2029	43,719	0.03%
395,000	CONSTELLATION ENERGY GENERATION LLC	USD	5.75	3/15/2054	383,034	0.28%
750,000	COOPERATIEVE RABOBANK UA	USD	1.106	2/24/2027	694,173	0.51%
45,000	CSG SYSTEMS INTERNATIONAL INC	USD	3.875	9/15/2028	41,558	0.03%
20,000	CYBERARK SOFTWARE LTD	USD	0	11/15/2024	29,370	0.02%
40,000	DATADOG INC	USD	0.125	6/15/2025	51,340	0.04%
41,000	DAYFORCE INC	USD	0.25	3/15/2026	37,228	0.03%
665,000	DBCG 2017-BBG MORTGAGE TRUST	USD	8.5	6/15/2034	665,007	0.49%
21,000	DEXCOM INC	USD	0.25	11/15/2025	21,389	0.02%
570,000	DOW CHEMICAL CO/THE	USD	5.15	2/15/2034	559,243	0.41%
46,000	DROPBOX INC	USD	0	3/1/2026	42,826	0.03%
49,000	DROPBOX INC	USD	0	3/1/2028	44,406	0.03%
120,000	DTE ELECTRIC CO	USD	4.05	5/15/2048	95,772	0.07%
250,000	DUKE ENERGY FLORIDA LLC	USD	2.4	12/15/2031	206,869	0.15%
143,000	DUKE ENERGY FLORIDA LLC	USD	2.5	12/1/2029	125,558	0.09%
330,000	DUKE ENERGY PROGRESS LLC	USD	3.45	3/15/2029	307,434	0.23%
400,000	ENEL FINANCE INTERNATIONAL NV	USD	5.5	6/15/2052	364,162	0.27%
600,000	EQUINIX INC	USD	2.5	5/15/2031	498,090	0.36%
52,000	ETSY INC	USD	0.125	9/1/2027	42,683	0.03%
56,000	ETSY INC	USD	0.25	6/15/2028	43,776	0.03%
36,000	EURONET WORLDWIDE INC	USD	0.75	3/15/2049	34,866	0.03%
50,000	EXACT SCIENCES CORP	USD	0.375	3/1/2028	41,059	0.03%
33,000	EXACT SCIENCES CORP	USD	2	3/1/2030	29,609	0.02%
52,000	EZCORP INC	USD	3.75	12/15/2029	59,774	0.04%
535,000	F&G ANNUITIES & LIFE INC	USD	6.5	6/4/2029	534,150	0.39%
1,000,000	FANNIE MAE-ACES	USD	1.24525	1/1/2031	799,051	0.59%

1,000,000	FANNIE MAE-ACES	USD	1.37541	3/1/2031	799,837	0.59%
1,000,000	FANNIE MAE-ACES	USD	1.806852	10/1/2031	813,527	0.60%
46,000	FIVE9 INC	USD	0.5	6/1/2025	43,493	0.03%
20,000	FIVERR INTERNATIONAL LTD	USD	0	11/1/2025	18,276	0.01%
672,389	FLATIRON CLO 17 LTD	USD	6.56399	5/15/2030	673,599	0.49%
44,000	FLUOR CORP	USD	1.125	8/15/2029	49,852	0.04%
920,745	FREDDIE MAC MULTICLASS CERTIFICATES SERIES 2021-P009	USD	1.878	1/1/2031	766,192	0.56%
941,074	GINNIE MAE II POOL	USD	2	11/1/2050	731,172	0.54%
1,653,124	GINNIE MAE II POOL	USD	2	5/1/2051	1,325,884	0.97%
3,738,187	GINNIE MAE II POOL	USD	2.5	8/1/2050	3,098,314	2.27%
625,770	GINNIE MAE II POOL	USD	3	2/1/2048	536,912	0.39%
1,412,128	GINNIE MAE II POOL	USD	3	11/1/2048	1,261,122	0.92%
580,000	GOLDMAN SACHS GROUP INC/THE	USD	0.855	2/12/2026	560,497	0.41%
1,250,000	GRACE TRUST 2020-GRCE	USD	2.347	12/1/2040	1,011,809	0.74%
12,000	GRANITE CONSTRUCTION INC	USD	3.75	5/15/2028	17,472	0.01%
20,000	GREENBRIER COS INC/THE	USD	2.875	4/15/2028	22,720	0.02%
52,000	GUARDANT HEALTH INC	USD	0	11/15/2027	38,444	0.03%
41,000	HAEMONETICS CORP	USD	0	3/1/2026	37,023	0.03%
250,000	HALEON US CAPITAL LLC	USD	3.375	3/24/2027	237,946	0.17%
38,000	HALOZYME THERAPEUTICS INC	USD	1	8/15/2028	38,376	0.03%
15,000	HAT HOLDINGS I LLC / HAT HOLDINGS II LLC	USD	3.75	8/15/2028	20,078	0.01%
36,000	HAT HOLDINGS I LLC / HAT HOLDINGS II LLC	USD	0	5/1/2025	37,800	0.03%
440,000	HSBC HOLDINGS PLC	USD	2.804	5/24/2032	368,702	0.27%
32,000	HUBSPOT INC	USD	0.375	6/1/2025	69,232	0.05%
375,000	IBM INTERNATIONAL CAPITAL PTE LTD	USD	5.3	2/5/2054	349,963	0.26%
30,000	IMPINJ INC	USD	1.125	5/15/2027	47,946	0.04%
46,000	INFINERA CORP	USD	3.75	8/1/2028	49,680	0.04%
43,000	INSULET CORP	USD	0.375	9/1/2026	44,542	0.03%
8,000	INTERDIGITAL INC	USD	2	6/1/2024	10,360	0.01%
28,000	INTERDIGITAL INC	USD	3.5	6/1/2027	42,577	0.03%
500,000	INTERNATIONAL BANK FOR RECONSTRUCTION & DEVELOPMENT	USD	5.6864	2/11/2031	497,800	0.36%
39,000	ITRON INC	USD	0	3/15/2026	41,633	0.03%
507,000	KIMCO REALTY OP LLC	USD	2.7	10/1/2030	434,853	0.32%
1,500,000	KREDITANSTALT FUER WIEDERAUFBAU	USD	1	10/1/2026	1,375,116	1.01%
38,000	LANTHEUS HOLDINGS INC	USD	2.625	12/15/2027	47,880	0.04%
47,000	LCI INDUSTRIES	USD	1.125	5/15/2026	44,721	0.03%
38,000	LIVONGO HEALTH INC	USD	0.875	6/1/2025	36,100	0.03%
19,000	LYFT INC	USD	0.625	3/1/2029	19,494	0.01%
15,000	MICROSTRATEGY INC	USD	0	2/15/2027	19,227	0.01%
8,000	MICROSTRATEGY INC	USD	0.75	12/15/2025	30,728	0.02%
250,000	MIDAMERICAN ENERGY CO	USD	3.65	4/15/2029	234,961	0.17%
560,000	MORGAN STANLEY	USD	0.864	10/21/2025	549,233	0.40%
61,000	NABORS INDUSTRIES INC	USD	1.75	6/15/2029	44,994	0.03%
130,000	NATWEST MARKETS PLC	USD	5.41	5/17/2029	129,609	0.09%
50,000	NCL CORP LTD	USD	1.125	2/15/2027	44,585	0.03%
49,000	NCL CORP LTD	USD	2.5	2/15/2027	45,227	0.03%
44,000	NEOGENOMICS INC	USD	0.25	1/15/2028	33,798	0.02%
190,000	NEW YORK STATE ELECTRIC & GAS CORP	USD	5.65	8/15/2028	192,222	0.14%
255,000	NEW YORK STATE ELECTRIC & GAS CORP	USD	2.15	10/1/2031	201,686	0.15%
41,000	NEXTERA ENERGY CAPITAL HOLDINGS INC	USD	3	3/1/2027	50,453	0.04%
240,000	NIAGARA MOHAWK POWER CORP	USD	1.96	6/27/2030	198,439	0.15%
690,000	NORTHERN STATES POWER CO/MN	USD	4.5	6/1/2052	582,774	0.43%
21,000	NRG ENERGY INC	USD	2.75	6/1/2048	41,815	0.03%
43,000	NUTANIX INC	USD	0.25	10/1/2027	48,764	0.04%
39,000	NUVASIVE INC	USD	0.375	3/15/2025	37,148	0.03%
660,000	NXP BV / NXP FUNDING LLC / NXP USA INC	USD	2.5	5/11/2031	548,328	0.40%
7,000	ON SEMICONDUCTOR CORP	USD	0.5	3/1/2029	6,886	0.01%
4,000	ON SEMICONDUCTOR CORP	USD	0	5/1/2027	5,869	0.00%
500,000	ONEMAIN FINANCIAL ISSUANCE TRUST 2021-1	USD	1.55	6/16/2036	452,982	0.33%
1,000,000	ONEMAIN FINANCIAL ISSUANCE TRUST 2022-51	USD	4.13	5/14/2035	977,326	0.72%
590,000	PACIFICORP	USD	5.35	12/1/2053	528,631	0.39%
32,000	PALO ALTO NETWORKS INC	USD	0.375	6/1/2025	94,816	0.07%
53,000	PDD HOLDINGS INC	USD	0	12/1/2025	54,458	0.04%
200,000	PEPSICO INC	USD	2.875	10/15/2049	132,835	0.10%
400,000	PEPSICO INC	USD	3.9	7/18/2032	371,103	0.27%
14,000	PERMIAN RESOURCES OPERATING LLC	USD	3.25	4/1/2028	39,375	0.03%
260,000	PFIZER INVESTMENT ENTERPRISES PTE LTD	USD	5.11	5/19/2043	246,727	0.18%
80,000	PG&E CORP	USD	4.25	12/1/2027	82,426	0.06%
24,000	PIONEER NATURAL RESOURCES CO	USD	0.25	5/15/2025	71,734	0.05%
40,000	POST HOLDINGS INC	USD	2.5	8/15/2027	44,700	0.03%
60,000	PPL CAPITAL FUNDING INC	USD	2.875	3/15/2028	58,500	0.04%
40,000	PROGRESS SOFTWARE CORP	USD	1	4/15/2026	40,238	0.03%
43,000	REPAY HOLDINGS CORP	USD	0	2/1/2026	39,050	0.03%

42,000	RINGCENTRAL INC	USD	0	3/15/2026	37,842	0.03%
38,000	RINGCENTRAL INC	USD	0	3/1/2025	35,834	0.03%
12,000	RIVIAN AUTOMOTIVE INC	USD	4.625	3/15/2029	9,318	0.01%
30,000	ROYAL CARIBBEAN CRUISES LTD	USD	6	8/15/2025	90,015	0.07%
4,000	SAREPTA THERAPEUTICS INC	USD	1.5	11/15/2024	7,105	0.01%
65,000	SEAGATE HDD CAYMAN	USD	3.5	6/1/2028	81,868	0.06%
38,000	SHIFT4 PAYMENTS INC	USD	0	12/15/2025	41,599	0.03%
30,000	SHOCKWAVE MEDICAL INC	USD	1	8/15/2028	38,640	0.03%
510,000	SMURFIT KAPPA TREASURY ULC	USD	5.2	1/15/2030	503,215	0.37%
525,000	SOUTHERN CALIFORNIA EDISON CO	USD	2.75	2/1/2032	438,165	0.32%
52,000	SPOTIFY USA INC	USD	0	3/15/2026	48,724	0.04%
35,000	STRIDE INC	USD	1.125	9/1/2027	49,035	0.04%
460,000	SUZANO AUSTRIA GMBH	USD	3.75	1/15/2031	393,479	0.29%
315,000	TAPESTRY INC	USD	3.05	3/15/2032	253,271	0.19%
44,000	TELADOC HEALTH INC	USD	1.25	6/1/2027	36,740	0.03%
775,000	TENNESSEE VALLEY AUTHORITY	USD	1.5	9/15/2031	629,825	0.46%
61,000	TETRA TECH INC	USD	2.25	8/15/2028	72,236	0.05%
201,220	TOYOTA AUTO RECEIVABLES 2021-B OWNER TRUST	USD	0.26	11/17/2025	198,854	0.15%
400,000	TRUIST FINANCIAL CORP	USD	1.267	3/2/2027	371,020	0.27%
20,000	UBER TECHNOLOGIES INC	USD	0.875	12/1/2028	22,037	0.02%
1,187,818	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.21	12/1/2045	917,005	0.67%
509,324	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.34	2/1/2046	394,547	0.29%
217,974	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.56	9/1/2046	171,997	0.13%
1,024,412	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	2.88	5/1/2037	916,655	0.67%
1,500,000	UNITED STATES TREASURY NOTE/BOND	USD	3.625	5/15/2053	1,256,484	0.92%
4,000,000	UNITED STATES TREASURY NOTE/BOND	USD	2.25	2/15/2052	2,504,844	1.83%
2,000,000	UNITED STATES TREASURY NOTE/BOND	USD	2.875	5/15/2032	1,783,906	1.31%
2,000,000	UNITED STATES TREASURY NOTE/BOND	USD	3.375	5/15/2033	1,835,625	1.34%
40,000	UPWORK INC	USD	0.25	8/15/2026	35,300	0.03%
1,220,000	VENTURE 42 CLO LTD	USD	6.72017	4/15/2034	1,222,440	0.90%
50,000	VERINT SYSTEMS INC	USD	0.25	4/15/2026	45,300	0.03%
1,000,000	VERIZON COMMUNICATIONS INC	USD	5.5	2/23/2054	974,268	0.71%
510,000	WARNERMEDIA HOLDINGS INC	USD	5.05	3/15/2042	421,481	0.31%
25,000	WAYFAIR INC	USD	3.5	11/15/2028	37,563	0.03%
22,000	WAYFAIR INC	USD	3.25	9/15/2027	26,655	0.02%
51,000	WELLTOWER OP LLC	USD	2.75	5/15/2028	60,246	0.04%
670,000	WISCONSIN PUBLIC SERVICE CORP	USD	2.85	12/1/2051	415,592	0.30%
35,000	WISDOMTREE INC	USD	5.75	8/15/2028	43,132	0.03%
20,000	WIX.COM LTD	USD	0	8/15/2025	18,520	0.01%
18,000	WORKIVA INC	USD	1.25	8/15/2028	16,011	0.01%
51,000	ZSCALER INC	USD	0.125	7/1/2025	62,960	0.05%

Fixed Income Total

51,653,218

37.84%

Common Stock

1,599	3M CO	USD			160,124	0.12%
1,528	ABBVIE INC	USD			246,375	0.18%
45,376	ABU DHABI ISLAMIC BANK PJSC	AED			138,546	0.10%
257	ADOBE INC	USD			114,303	0.08%
990	AERCAP HOLDINGS NV	USD			91,783	0.07%
4,300	AES CORP/THE	USD			92,837	0.07%
187	ALLIANZ SE	EUR			54,742	0.04%
1,150	ALPHABET INC	USD			200,054	0.15%
4,380	ALPHABET INC	USD			755,550	0.55%
2,950	ALTRIA GROUP INC	USD			136,438	0.10%
3,560	AMAZON.COM INC	USD			628,126	0.46%
67	AP MOLLER - MAERSK A/S	DKK			117,570	0.09%
10,023	APPLE INC	USD			1,926,922	1.41%
1,066	APPLIED MATERIALS INC	USD			229,275	0.17%
4,706	ARCH CAPITAL GROUP LTD	USD			482,977	0.35%
1,636	ASSICURAZIONI GENERALI SPA	EUR			42,108	0.03%
459	AUTOMATIC DATA PROCESSING INC	USD			112,418	0.08%
36,371	AVIVA PLC	GBP			223,394	0.16%
4,474	BANCOLOMBIA SA	USD			158,648	0.12%
107,100	BANK CENTRAL ASIA TBK PT	IDR			60,937	0.04%
698,900	BANK MANDIRI PERSERO TBK PT	IDR			253,467	0.19%
25,248	BDO UNIBANK INC	PHP			56,123	0.04%
880	BERKSHIRE HATHAWAY INC	USD			364,672	0.27%
61,000	BHARAT ELECTRONICS LTD	INR			216,815	0.16%
54,000	BOC HONG KONG HOLDINGS LTD	HKD			169,743	0.12%
467	BOOZ ALLEN HAMILTON HOLDING CORP	USD			71,082	0.05%
25,066	BRAMBLES LTD	AUD			238,266	0.17%
91	BROADCOM INC	USD			120,898	0.09%

1,724	BROWN & BROWN INC	USD	154,315	0.11%
780	BUILDERS FIRSTSOURCE INC	USD	125,416	0.09%
423	CADENCE DESIGN SYSTEMS INC	USD	121,109	0.09%
160	CATERPILLAR INC	USD	54,163	0.04%
1,085	CBOE GLOBAL MARKETS INC	USD	187,694	0.14%
1,357	CENCORA INC	USD	307,455	0.23%
2,740	CENTENE CORP	USD	196,157	0.14%
1,569	CHUBB LTD	USD	424,917	0.31%
7,700	CHUBU ELECTRIC POWER CO INC	JPY	106,381	0.08%
1,764	CIGNA GROUP/THE	USD	607,910	0.45%
651	CINTAS CORP	USD	441,358	0.32%
1,123	COCA-COLA CO/THE	USD	70,670	0.05%
1,596	COCA-COLA ICECEK AS	TRY	37,676	0.03%
2,150	COLGATE-PALMOLIVE CO	USD	199,864	0.15%
971	CONSOLIDATED EDISON INC	USD	91,808	0.07%
26,000	COSCO SHIPPING HOLDINGS CO LTD	HKD	43,538	0.03%
8,760	CPFL ENERGIA SA	BRL	56,138	0.04%
3,216	CRH PLC	GBP	253,795	0.19%
124,680	CTBC FINANCIAL HOLDING CO LTD	TWD	136,608	0.10%
1,600	CUMMINS INDIA LTD	INR	68,214	0.05%
5,200	DAI NIPPON PRINTING CO LTD	JPY	161,962	0.12%
2,381	DAVITA INC	USD	350,293	0.26%
2,778	DCC PLC	GBP	202,875	0.15%
632	DECKERS OUTDOOR CORP	USD	691,357	0.51%
480	DOLLARAMA INC	CAD	45,431	0.03%
2,550	DOOSAN BOBCAT INC	KRW	106,630	0.08%
61,551	DUBAI ISLAMIC BANK PJSC	AED	92,541	0.07%
535	DUKE ENERGY CORP	USD	55,410	0.04%
15,260	E.ON SE	EUR	204,364	0.15%
85,000	E.SUN FINANCIAL HOLDING CO LTD	TWD	75,167	0.06%
1,216	ELECTRONIC ARTS INC	USD	161,582	0.12%
288	ELI LILLY & CO	USD	236,258	0.17%
9,152	ENDESA SA	EUR	182,279	0.13%
26,729	ENEL SPA	EUR	194,072	0.14%
39,000	ENEOS HOLDINGS INC	JPY	201,639	0.15%
21,961	ENGIE SA	EUR	372,055	0.27%
8,050	EQUINOR ASA	NOK	233,673	0.17%
1,047	EURAZEO SE	EUR	88,378	0.06%
37,000	EVERGREEN MARINE CORP TAIWAN LTD	TWD	240,697	0.18%
1,226	FERGUSON PLC	USD	252,237	0.18%
1,732	FIDELITY NATIONAL INFORMATION SERVICES INC	USD	131,424	0.10%
2,569	FORTUNE BRANDS INNOVATIONS INC	USD	179,984	0.13%
6,000	FUYAO GLASS INDUSTRY GROUP CO LTD	CNY	38,339	0.03%
224	GARTNER INC	USD	94,006	0.07%
89	GE VERNOVA INC	USD	15,655	0.01%
358	GENERAL ELECTRIC CO	USD	59,120	0.04%
5,233	GENERAL MOTORS CO	USD	235,433	0.17%
5,052	GOODMAN GROUP	AUD	113,541	0.08%
9,894	GSK PLC	GBP	222,002	0.16%
2,500	HANKYU HANSHIN HOLDINGS INC	JPY	65,610	0.05%
2,512	HARTFORD FINANCIAL SERVICES GROUP INC/THE	USD	259,866	0.19%
647	HEIDELBERG MATERIALS AG	EUR	67,853	0.05%
900	HENKEL AG & CO KGAA	EUR	72,117	0.05%
514	HUNTINGTON INGALLS INDUSTRIES INC	USD	130,093	0.10%
4,167	ICICI BANK LTD	USD	111,426	0.08%
3,200	ITOCHU CORP	JPY	151,061	0.11%
1,379	JOHNSON & JOHNSON	USD	202,258	0.15%
619	JPMORGAN CHASE & CO	USD	125,428	0.09%
6,000	KDDI CORP	JPY	165,329	0.12%
810	KIMBERLY-CLARK CORP	USD	107,973	0.08%
300	KLA CORP	USD	227,859	0.17%
2,030	KONGSBERG GRUPPEN ASA	NOK	174,535	0.13%
2,725	KROGER CO/THE	USD	142,708	0.10%
683	LENNOX INTERNATIONAL INC	USD	343,276	0.25%
540	LOCKHEED MARTIN CORP	USD	253,984	0.19%
1,316	LOEWS CORP	USD	101,069	0.07%
1,104	LOGITECH INTERNATIONAL SA	CHF	110,499	0.08%
73,202	M&G PLC	GBP	187,158	0.14%
857	MANHATTAN ASSOCIATES INC	USD	188,146	0.14%
1,637	MARATHON PETROLEUM CORP	USD	289,111	0.21%
266	MARSH & MCLENNAN COS INC	USD	55,216	0.04%
10,900	MAZDA MOTOR CORP	JPY	114,916	0.08%
298	MCKESSON CORP	USD	169,738	0.12%
5,000	MEDIATEK INC	TWD	191,471	0.14%
16,535	MEDIOBANCA BANCA DI CREDITO FINANZIARIO SPA	EUR	261,710	0.19%
3,829	MERCK & CO INC	USD	480,693	0.35%

821	META PLATFORMS INC	USD	383,267	0.28%
3,140	METLIFE INC	USD	227,242	0.17%
5,519	MICROSOFT CORP	USD	2,291,102	1.68%
29	MICROSTRATEGY INC	USD	44,210	0.03%
2,100	MITSUI & CO LTD	JPY	106,920	0.08%
5,000	MITSUI OSK LINES LTD	JPY	164,812	0.12%
17,429	MOL HUNGARIAN OIL & GAS PLC	HUF	135,571	0.10%
709	MOLINA HEALTHCARE INC	USD	223,037	0.16%
5,747	MOTOR OIL HELLAS CORINTH REFINERIES SA	EUR	162,508	0.12%
922	MOTOROLA SOLUTIONS INC	USD	336,447	0.25%
495	MUENCHENER RUECKVERSICHERUNGS-GESELLSCHAFT AG IN MUENCHEN	EUR	246,856	0.18%
4,036	NATIONAL GRID PLC	GBP	45,728	0.03%
1,177	NATIONAL GRID PLC	GBP	2,941	0.00%
2,000	NEC CORP	JPY	148,876	0.11%
18,577	NEDBANK GROUP LTD	ZAR	225,512	0.17%
166,200	NIPPON TELEGRAPH & TELEPHONE CORP	JPY	163,210	0.12%
12,694	NISOURCE INC	USD	368,888	0.27%
4,396	NN GROUP NV	EUR	205,114	0.15%
739	NORTHROP GRUMMAN CORP	USD	333,119	0.24%
6,000	NOVATEK MICROELECTRONICS CORP	TWD	110,613	0.08%
751	NOVO NORDISK A/S	DKK	101,752	0.07%
1,568	NVIDIA CORP	USD	1,719,045	1.26%
30	NVR INC	USD	230,422	0.17%
2,100	OMV AG	EUR	106,131	0.08%
1,869	OWENS CORNING	USD	338,420	0.25%
533	PACCAR INC	USD	57,298	0.04%
641	PANDORA A/S	DKK	105,291	0.08%
5,824	PARKLAND CORP	CAD	168,060	0.12%
750	PDD HOLDINGS INC	USD	112,335	0.08%
11,383	PG&E CORP	USD	211,041	0.15%
402	PHILLIPS 66	USD	57,128	0.04%
986	PROCTER & GAMBLE CO/THE	USD	162,236	0.12%
1,390	PROGRESSIVE CORP/THE	USD	293,540	0.22%
21,000	PTT EXPLORATION & PRODUCTION PCL	THB	88,305	0.06%
6,323	PULTEGROUP INC	USD	741,814	0.54%
8,962	QBE INSURANCE GROUP LTD	AUD	106,550	0.08%
602	QUALCOMM INC	USD	122,838	0.09%
26,000	QUANTA COMPUTER INC	TWD	220,906	0.16%
1,119	RB GLOBAL INC	CAD	81,330	0.06%
5,023	RELX PLC	GBP	220,343	0.16%
12,000	REPSOL SA	EUR	195,897	0.14%
564	ROPER TECHNOLOGIES INC	USD	300,477	0.22%
248	SALESFORCE INC	USD	58,141	0.04%
10,800	SCSK CORP	JPY	204,717	0.15%
1,800	SEKISUI HOUSE LTD	JPY	40,532	0.03%
70	SERVICENOW INC	USD	45,985	0.03%
77,400	SINO GRANDNESS FOOD INDUSTRY GROUP LTD	SGD	0	0.00%
451,840	SINOPAC FINANCIAL HOLDINGS CO LTD	TWD	322,257	0.24%
1,504	SK INC	KRW	192,098	0.14%
3,000	SMURFIT KAPPA GROUP PLC	EUR	146,319	0.11%
15,400	SOFTBANK CORP	JPY	184,649	0.14%
2,000	SOJITZ CORP	JPY	52,324	0.04%
1,500	STEEL DYNAMICS INC	USD	200,805	0.15%
4,023	STELLANTIS NV	EUR	89,134	0.07%
11,100	SUBARU CORP	JPY	248,137	0.18%
2,400	SUMITOMO CORP	JPY	62,454	0.05%
3,901	SYNCHRONY FINANCIAL	USD	170,864	0.13%
6,000	TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD	TWD	153,648	0.11%
1,600	TALANX AG	EUR	127,627	0.09%
3,000	TENCENT HOLDINGS LTD	HKD	139,181	0.10%
2,200	TEXTRON INC	USD	192,742	0.14%
1,142	TIX COS INC/THE	USD	117,740	0.09%
5,200	TOKIO MARINE HOLDINGS INC	JPY	180,156	0.13%
11,800	TOKYO GAS CO LTD	JPY	265,045	0.19%
4,200	TOYOTA MOTOR CORP	JPY	91,487	0.07%
895	TRANE TECHNOLOGIES PLC	USD	293,077	0.21%
1,700	TRENT LTD	INR	92,994	0.07%
18,000	TURKCELL ILETISIM HIZMETLERI AS	TRY	55,752	0.04%
47,000	TURKIYE PETROL RAFINERILERI AS	TRY	257,925	0.19%
1,777	VALERO ENERGY CORP	USD	279,238	0.20%
392	VERISK ANALYTICS INC	USD	99,090	0.07%
6,933	VIPSHOP HOLDINGS LTD	USD	111,413	0.08%
622	VISA INC	USD	169,470	0.12%
4,071	VISTRA ENERGY CORP COM	USD	403,355	0.30%
25,477	VOLVO CAR AB	SEK	85,801	0.06%
5,150	WALMART INC	USD	338,664	0.25%

	1,485	WASTE MANAGEMENT INC	USD		312,934	0.23%
	66,000	WEICHAI POWER CO LTD	CNY		145,071	0.11%
	400	WILLIAMS-SONOMA INC	USD		117,288	0.09%
	248	WW GRAINGER INC	USD		228,522	0.17%
	1,100	XYLEM INC/NY	USD		155,122	0.11%
	4,900	YAMAHA MOTOR CO LTD	JPY		47,979	0.04%
	190,165	YAPI VE KREDI BANKASI AS	TRY		190,832	0.14%
	2,200	YOKOGAWA ELECTRIC CORP	JPY		56,665	0.04%
	179	ZSCALER INC	USD		30,423	0.02%
				Common Stock Total	39,563,676	28.98%
Preferred Stock						
	22	BANK OF AMERICA CORP	USD		26,158	0.02%
	2,208	BAYERISCHE MOTOREN WERKE AG	EUR		213,459	0.16%
	39,364	CIA ENERGETICA DE MINAS GERAIS	BRL		74,591	0.05%
	1,857	EPR PROPERTIES	USD		35,766	0.03%
	5,700	PETROLEO BRASILEIRO SA	BRL		42,184	0.03%
	41	WELLS FARGO & CO	USD		47,773	0.03%
				Preferred Stock Total	439,931	0.32%
Open-End Funds						
	145,801	VIRTUS DUFF & PHELPS CLEAN ENERGY ETF	USD		2,889,776	2.12%
	203,138	VIRTUS DUFF & PHELPS WATER FUND	USD		4,217,137	3.09%
	1,448,230	VIRTUS NFJ GLOBAL SUSTAINABILITY FUND	USD		20,029,024	14.67%
				Open-End Funds Total	27,135,937	19.88%
Short-Term Investments						
	7,299,537	BLCKRCK LIQ.FDFND-INST	USD	5.17761	7,299,537	5.35%
				Short-Term Investments Total	7,299,537	5.35%
				Total Investments	126,092,300	92.37%
				Other Assets and Liabilities	10,414,342	7.63%
				Total Net Assets	136,506,641	100.00%

Futures Contracts

Contract Description	Long/Short	Expiration Date	Contract Currency	Number of Contracts	Notional Value	Unrealized Appreciation (Depreciation)
AUST 10Y BOND FUT JUN24	L	6/17/2024	AUD	17	1,274,287	(15,870)
LONG GILT FUTURE SEP24	L	9/26/2024	GBP	7	859,150	4,621
CAN 10YR BOND FUT SEP24	L	9/18/2024	CAD	10	872,226	3,964
EURO-BTP FUTURE SEP24	L	9/6/2024	EUR	12	1,513,254	264
EURO-BUND FUTURE SEP24	L	9/6/2024	EUR	11	1,551,383	1,883
US 5YR NOTE (CBT) SEP24	L	9/30/2024	USD	43	4,549,266	393
US 2YR NOTE (CBT) SEP24	L	9/30/2024	USD	5	1,018,516	925
US 10YR ULTRA FUT SEP24	L	9/19/2024	USD	79	8,850,469	17,675
AUDUSD CRNCY FUT JUN24	L	6/17/2024	USD	4	265,860	(854)
NEW ZEALAND \$ FUT JUN24	L	6/17/2024	USD	4	245,560	1,226
FTSE 100 IDX FUT JUN24	L	6/21/2024	GBP	10	1,055,844	29,289
S&P/TSX 60 IX FUT JUN24	L	6/20/2024	CAD	2	391,621	2,035
FTSE/MIB IDX FUT JUN24	L	6/21/2024	EUR	1	187,567	6,008
EURO STOXX 50 JUN24	L	6/21/2024	EUR	12	648,947	2,606
S&P500 EMINI FUT JUN24	L	6/21/2024	USD	9	2,382,975	35,788
MSCI EMGMKT JUN24	L	6/21/2024	USD	13	686,725	1,506
NASDAQ 100 E-MINI JUN24	L	6/21/2024	USD	1	371,820	20,647
E-MINI RUSS 2000 JUN24	L	6/21/2024	USD	3	311,370	1,055
SPI 200 FUTURES JUN24	L	6/20/2024	AUD	5	641,980	(3,026)
MINI BOVESPA FUT JUN24	L	6/12/2024	BRL	32	149,463	(14,560)
DAX MINI FUTURE JUN24	L	6/21/2024	EUR	6	603,212	6,008
TOPIX INDX FUTR JUN24	L	6/13/2024	JPY	11	1,938,893	28,108
BIST 30 FUTURES JUN24	L	6/28/2024	TRY	37	135,257	2,112
FTSE/ISE TOP 40 JUN24	L	6/20/2024	ZAR	5	188,347	(5,182)
EAFE ESG SCR NTR JUN24	L	6/21/2024	USD	139	3,438,860	40,588
EMINI S&P500 ESG JUN24	L	6/21/2024	USD	45	10,606,950	145,914
IBEX 35 INDX FUTR JUN24	L	6/21/2024	EUR	2	245,718	2,562
FTSE TAIWAN INDEX JUN24	L	6/27/2024	USD	2	143,800	(1,428)
JPN 10Y BOND(OSE) JUN24	S	6/13/2024	JPY	(5)	(4,546,148)	24,387
EURO-OAT FUTURE SEP24	S	9/6/2024	EUR	(1)	(134,883)	(274)
US 10YR NOTE (CBT)SEP24	S	9/19/2024	USD	(14)	(1,523,156)	(2,086)
US ULTRA BOND CBT SEP24	S	9/19/2024	USD	(2)	(244,875)	3,025
C\$ CURRENCY FUT JUN24	S	6/18/2024	USD	(10)	(733,900)	(3,946)
EURO FX CURR FUT JUN24	S	6/17/2024	USD	(6)	(813,750)	(1,109)
JPN YEN CURR FUT JUN24	S	6/17/2024	USD	(25)	(1,991,719)	13,503

EM ESG SCR NTR JUN24	S	6/21/2024	USD	(10)	(157,100)	5,974
HSCEI FUTURES JUN24	S	6/27/2024	HKD	(1)	(40,637)	1,696

Centrally Cleared Credit Default Swap Contracts - Sell Protection

Reference Index	Maturity Date	Counterparty	Contract Currency	Fixed Deal Pay Rate	Notional Amount	Market Value	Upfront Premiums (Received)/Paid	Unrealized Appreciation (Depreciation)
MARKIE CDX.EM.41	06/20/2029	ICE	USD	1	1,100,000	(27,543)	(30,306)	2,762

Key to abbreviations:

- AED UAE Dirham
- AUD Australian Dollar
- BRL Brazilian Real
- CAD Canadian Dollar
- CHF Swiss Franc
- CNY Chinese Yuan Renminbi
- CZK Czech Koruna
- DKK Danish Krone
- EUR Euro
- GBP Great Britain Pound
- HKD Hong Kong Dollar
- HUF Hungarian Forint
- INR Indian Rupee
- IDR Indonesian Rupiah
- JPY Japanese Yen
- KRW Korean Won
- NOK Norwegian Krone
- PHP Philippine Peso
- SEK Swedish Krona
- SGD Singapore Dollar
- THB Thai Baht
- TRY New Turkish Lira
- TWD Taiwan Dollar
- USD U.S. Dollar
- ZAR South African Rand

Holdings subject to change.

Portfolio holdings are subject to change daily without notice and may not represent current or past portfolio composition. The holdings presented above include those directly held by the Fund and exclude cash, cash equivalents, as well as certain other assets and liabilities. Unlike the fund's regulatory filings, the portfolio data and its presentation in this document are not required to conform to Generally Accepted Accounting Principles (GAAP) and Securities and Exchange Commission (SEC) presentation requirements. Therefore, the information provided may differ from a fund's holdings disclosed in its annual/semi-annual report and Form NPORT-EX due to the exclusions noted above.

For information related to the Fund's collateral investments and other items mentioned above, please refer to the most recent Form N PORT-EX or the annual/semi-annual report in the above 'Related Resources' scrolling section of the page. Forms NPORT-EX are available on the SEC's website at www.sec.gov.

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