



Virtus Global Allocation Fund

Investments as of February 28, 2024
(Unaudited)

Shares/Principal Amount	Security Description	Currency Code	Interest Rate	Maturity Date	Market Value	% of Fund
Fixed Income						
42,000	ACCOLADE INC	USD	0.5	4/1/2026	35,513	0.02%
500,000	AERCAP IRELAND CAPITAL DAC / AERCAP GLOBAL AVIATION TRUST	USD	3.3	1/30/2032	422,841	0.21%
475,000	AES CORP/THE	USD	5.45	6/1/2028	473,544	0.23%
53,000	AIR TRANSPORT SERVICES GROUP INC	USD	3.875	8/15/2029	41,457	0.02%
11,000	AKAMAI TECHNOLOGIES INC	USD	1.125	2/15/2029	11,388	0.01%
10,000	AKAMAI TECHNOLOGIES INC	USD	0.125	5/1/2025	11,961	0.01%
10,000	AKAMAI TECHNOLOGIES INC	USD	0.375	9/1/2027	10,642	0.01%
41,000	ALARM.COM HOLDINGS INC	USD	0	1/15/2026	37,226	0.02%
47,000	ALNYLAM PHARMACEUTICALS INC	USD	1	9/15/2027	43,952	0.02%
5,000	ALTAIR ENGINEERING INC	USD	1.75	6/15/2027	6,501	0.00%
4,000	ALTERYX INC	USD	1	8/1/2026	3,938	0.00%
37,000	ALTERYX INC	USD	0.5	8/1/2024	36,468	0.02%
560,000	AMERICAN EXPRESS CO	USD	4.05	5/3/2029	541,900	0.26%
600,000	AMERICAN HOMES 4 RENT LP	USD	5.5	2/1/2034	588,411	0.29%
725,000	AUTODESK INC	USD	2.4	12/15/2031	602,098	0.29%
420,000	AVALONBAY COMMUNITIES INC	USD	1.9	12/1/2028	365,352	0.18%
42,000	AXON ENTERPRISE INC	USD	0.5	12/15/2027	60,039	0.03%
400,000	BACARDI LTD / BACARDI-MARTINI BV	USD	5.25	1/15/2029	393,769	0.19%
44,000	BANDWIDTH INC	USD	0.25	3/1/2026	38,416	0.02%
58,000	BANDWIDTH INC	USD	0.5	4/1/2028	39,440	0.02%
400,000	BANK OF AMERICA CORP	USD	2.482	9/21/2036	315,344	0.15%
675,000	BARCLAYS PLC	USD	7.437	11/2/2033	738,450	0.36%
500,000	BBCMS 2018-TALL MORTGAGE TRUST	USD	6.23701	3/15/2037	475,801	0.23%
50,000	BENTLEY SYSTEMS INC	USD	0.375	7/1/2027	44,325	0.02%
45,000	BENTLEY SYSTEMS INC	USD	0.125	1/15/2026	44,043	0.02%
43,000	BLACKLINE INC	USD	0.125	8/1/2024	42,841	0.02%
38,000	BLACKLINE INC	USD	0	3/15/2026	33,820	0.02%
41,000	BLOCK INC	USD	0	5/1/2026	36,207	0.02%
45,000	BLOCK INC	USD	0.25	11/1/2027	36,945	0.02%
200,000	BNP PARIBAS SA	USD	1.675	6/30/2027	183,004	0.09%
41,000	BOOKING HOLDINGS INC	USD	0.75	5/1/2025	75,596	0.04%
500,000	BOSTON PROPERTIES LP	USD	3.4	6/21/2029	441,258	0.21%
42,000	BURLINGTON STORES INC	USD	2.25	4/15/2025	46,277	0.02%
1,000,000	BX TRUST 2018-BILT	USD	6.41501	5/15/2030	999,063	0.48%
500,000	BX TRUST 2023-LIFE	USD	5.0453	2/3/2028	487,311	0.24%
670,000	CAPITAL ONE FINANCIAL CORP	USD	6.377	6/8/2034	690,366	0.33%
4,000	CARNIVAL CORP	USD	5.75	10/1/2024	6,560	0.00%
13,000	CARNIVAL CORP	USD	5.75	12/1/2027	19,175	0.01%
425,000	CHARLES SCHWAB CORP/THE	USD	6.136	8/24/2034	440,305	0.21%
450,000	CHARTER COMMUNICATIONS OPERATING LLC / CHARTER COMMUNICATIONS OPERATING CAPITAL	USD	6.484	10/23/2045	411,100	0.20%
39,000	CHEGG INC	USD	0.125	3/15/2025	36,192	0.02%
44,000	CHEGG INC	USD	0	9/1/2026	36,300	0.02%
940,000	CITIGROUP INC	USD	1.281	11/3/2025	911,012	0.44%
39,000	COLLEGIUM PHARMACEUTICAL INC	USD	2.875	2/15/2029	46,605	0.02%
750,000	COOPERATIEVE RABOBANK UA	USD	1.106	2/24/2027	687,607	0.33%
45,000	CSG SYSTEMS INTERNATIONAL INC	USD	3.875	9/15/2028	45,379	0.02%
20,000	CYBERARK SOFTWARE LTD	USD	0	11/15/2024	33,880	0.02%
40,000	DATADOG INC	USD	0.125	6/15/2025	59,440	0.03%
41,000	DAYFORCE INC	USD	0.25	3/15/2026	37,474	0.02%
665,000	DBCG 2017-BBG MORTGAGE TRUST	USD	8.5	6/15/2034	665,000	0.32%
913,763	DBGS 2018-BIOD MORTGAGE TRUST	USD	6.41702	5/15/2035	909,765	0.44%
41,334	DELL EQUIPMENT FINANCE TRUST 2021-2	USD	0.53	12/22/2026	41,193	0.02%
650,000	DEUTSCHE BANK AG/NEW YORK NY	USD	2.129	11/24/2026	609,172	0.30%
540,000	DISCOVER BANK	USD	4.65	9/13/2028	515,640	0.25%
470,000	DOW CHEMICAL CO/THE	USD	5.15	2/15/2034	463,153	0.22%
46,000	DROPBOX INC	USD	0	3/1/2026	43,125	0.02%
49,000	DROPBOX INC	USD	0	3/1/2028	45,141	0.02%
120,000	DTE ELECTRIC CO	USD	4.05	5/15/2048	98,087	0.05%
250,000	DUKE ENERGY FLORIDA LLC	USD	2.4	12/15/2031	206,547	0.10%
143,000	DUKE ENERGY FLORIDA LLC	USD	2.5	12/1/2029	125,698	0.06%
330,000	DUKE ENERGY PROGRESS LLC	USD	3.45	3/15/2029	308,649	0.15%
575,000	ENEL FINANCE INTERNATIONAL NV	USD	5.5	6/15/2052	523,661	0.25%
54,000	ENPHASE ENERGY INC	USD	0	3/1/2028	46,840	0.02%

1,000,000	EQUINIX INC	USD	2.5	5/15/2031	833,896	0.40%
43,000	ETSY INC	USD	0.125	10/1/2026	46,247	0.02%
52,000	ETSY INC	USD	0.125	9/1/2027	43,404	0.02%
56,000	ETSY INC	USD	0.25	6/15/2028	44,680	0.02%
50,000	EXACT SCIENCES CORP	USD	0.375	3/1/2028	42,170	0.02%
33,000	EXACT SCIENCES CORP	USD	2	3/1/2030	33,759	0.02%
47,000	EXPEDIA GROUP INC	USD	0	2/15/2026	43,452	0.02%
52,000	EZCORP INC	USD	3.75	12/15/2029	59,878	0.03%
1,000,000	FANNIE MAE-ACES	USD	1.24532	1/1/2031	799,007	0.39%
1,000,000	FANNIE MAE-ACES	USD	1.37544	3/1/2031	800,158	0.39%
1,000,000	FANNIE MAE-ACES	USD	1.807544	10/1/2031	815,074	0.40%
2,000,000	FANNIE MAE-ACES	USD	1.382777	12/1/2030	1,621,107	0.79%
390,000	FISERV INC	USD	5.45	3/15/2034	389,508	0.19%
46,000	FIVE9 INC	USD	0.5	6/1/2025	43,028	0.02%
20,000	FIVERR INTERNATIONAL LTD	USD	0	11/1/2025	17,850	0.01%
892,669	FLATIRON CLO 17 LTD	USD	6.5486	5/15/2030	891,330	0.43%
44,000	FLUOR CORP	USD	1.125	8/15/2029	45,386	0.02%
920,745	FREDDIE MAC MULTICLASS CERTIFICATES SERIES 2021-P009	USD	1.878	1/1/2031	767,193	0.37%
955,693	GINNIE MAE II POOL	USD	2	11/1/2050	759,004	0.37%
1,687,960	GINNIE MAE II POOL	USD	2	5/1/2051	1,374,345	0.67%
3,856,626	GINNIE MAE II POOL	USD	2.5	8/1/2050	3,251,359	1.58%
4,680,944	GINNIE MAE II POOL	USD	3	2/1/2052	4,077,958	1.98%
641,408	GINNIE MAE II POOL	USD	3	2/1/2048	558,173	0.27%
1,427,902	GINNIE MAE II POOL	USD	3	11/1/2048	1,291,823	0.63%
730,000	GOLDMAN SACHS GROUP INC/THE	USD	0.855	2/12/2026	696,708	0.34%
1,250,000	GRACE TRUST 2020-GRCE	USD	2.347	12/1/2040	1,005,044	0.49%
12,000	GRANITE CONSTRUCTION INC	USD	3.75	5/15/2028	15,252	0.01%
20,000	GREENBRIER COS INC/THE	USD	2.875	4/15/2028	22,038	0.01%
52,000	GUARDANT HEALTH INC	USD	0	11/15/2027	35,066	0.02%
41,000	HAEMONETICS CORP	USD	0	3/1/2026	36,162	0.02%
250,000	HALEON US CAPITAL LLC	USD	3.375	3/24/2027	237,463	0.12%
15,000	HAT HOLDINGS I LLC / HAT HOLDINGS II LLC	USD	3.75	8/15/2028	16,538	0.01%
36,000	HAT HOLDINGS I LLC / HAT HOLDINGS II LLC	USD	0	5/1/2025	36,600	0.02%
780,000	HSBC HOLDINGS PLC	USD	2.804	5/24/2032	644,891	0.31%
32,000	HUBSPOT INC	USD	0.375	6/1/2025	70,528	0.03%
375,000	IBM INTERNATIONAL CAPITAL PTE LTD	USD	5.3	2/5/2054	359,879	0.17%
46,000	INFINERA CORP	USD	3.75	8/1/2028	46,501	0.02%
49,000	INFINERA CORP	USD	2.5	3/1/2027	47,208	0.02%
43,000	INSULET CORP	USD	0.375	9/1/2026	42,979	0.02%
8,000	INTERDIGITAL INC	USD	2	6/1/2024	10,470	0.01%
28,000	INTERDIGITAL INC	USD	3.5	6/1/2027	40,404	0.02%
1,000,000	INTERNATIONAL BANK FOR RECONSTRUCTION & DEVELOPMENT	USD	5.68182	2/11/2031	992,740	0.48%
42,000	IRONWOOD PHARMACEUTICALS INC	USD	0.75	6/15/2024	41,974	0.02%
300,000,000	JAPAN GOVERNMENT THIRTY YEAR BOND	JPY	1.4	9/20/2052	1,863,474	0.90%
380,000	JPMORGAN CHASE & CO	USD	6.254	10/23/2034	403,110	0.20%
37,000	KAMAN CORP	USD	3.25	5/1/2024	36,678	0.02%
507,000	KIMCO REALTY OP LLC	USD	2.7	10/1/2030	430,672	0.21%
1,500,000	KREDITANSTALT FUER WIEDERAUFBAU	USD	1	10/1/2026	1,372,103	0.67%
47,000	LCI INDUSTRIES	USD	1.125	5/15/2026	46,178	0.02%
425,000	LEIDOS INC	USD	5.75	3/15/2033	431,935	0.21%
38,000	LIVONGO HEALTH INC	USD	0.875	6/1/2025	35,767	0.02%
35,000	LYFT INC	USD	1.5	5/15/2025	33,653	0.02%
250,000	MIDAMERICAN ENERGY CO	USD	3.65	4/15/2029	235,869	0.11%
29,000	MONGODB INC	USD	0.25	1/15/2026	62,133	0.03%
560,000	MORGAN STANLEY	USD	0.864	10/21/2025	542,550	0.26%
61,000	NABORS INDUSTRIES INC	USD	1.75	6/15/2029	43,417	0.02%
50,000	NCL CORP LTD	USD	1.125	2/15/2027	46,294	0.02%
49,000	NCL CORP LTD	USD	2.5	2/15/2027	46,526	0.02%
44,000	NEOGENOMICS INC	USD	0.25	1/15/2028	34,843	0.02%
26,000	NEUROCRINE BIOSCIENCES INC	USD	2.25	5/15/2024	44,434	0.02%
190,000	NEW YORK STATE ELECTRIC & GAS CORP	USD	5.65	8/15/2028	194,201	0.09%
255,000	NEW YORK STATE ELECTRIC & GAS CORP	USD	2.15	10/1/2031	202,099	0.10%
240,000	NIAGARA MOHAWK POWER CORP	USD	1.96	6/27/2030	196,138	0.10%
435,000	NISSAN MOTOR ACCEPTANCE CO LLC	USD	7.05	9/15/2028	453,142	0.22%
690,000	NORTHERN STATES POWER CO/MN	USD	4.5	6/1/2052	602,264	0.29%
43,000	NUTANIX INC	USD	0.25	10/1/2027	52,933	0.03%
39,000	NUVASIVE INC	USD	0.375	3/15/2025	36,699	0.02%
660,000	NXP BV / NXP FUNDING LLC / NXP USA INC	USD	2.5	5/11/2031	544,777	0.26%
7,000	ON SEMICONDUCTOR CORP	USD	0.5	3/1/2029	7,063	0.00%
4,000	ON SEMICONDUCTOR CORP	USD	0	5/1/2027	6,248	0.00%
500,000	ONEMAIN FINANCIAL ISSUANCE TRUST 2021-1	USD	1.55	6/16/2036	448,877	0.22%
1,000,000	ONEMAIN FINANCIAL ISSUANCE TRUST 2022-S1	USD	4.13	5/14/2035	977,896	0.47%
680,000	ORACLE CORP	USD	3.6	4/1/2050	478,747	0.23%

350,000	PACIFIC GAS AND ELECTRIC CO	USD	6.75	1/15/2053	374,545	0.18%
650,000	PACIFICORP	USD	5.35	12/1/2053	600,384	0.29%
48,000	PAGERDUTY INC	USD	1.5	10/15/2028	52,681	0.03%
23,000	PAGERDUTY INC	USD	1.25	7/1/2025	22,119	0.01%
47,000	PALO ALTO NETWORKS INC	USD	0.375	6/1/2025	146,711	0.07%
13,000	PDD HOLDINGS INC	USD	0	12/1/2025	12,692	0.01%
31,000	PEABODY ENERGY CORP	USD	3.25	3/1/2028	44,423	0.02%
200,000	PEPSICO INC	USD	2.875	10/15/2049	138,228	0.07%
400,000	PEPSICO INC	USD	3.9	7/18/2032	375,351	0.18%
54,000	PERFICIENT INC	USD	0.125	11/15/2026	45,835	0.02%
825,000	PFIZER INVESTMENT ENTERPRISES PTE LTD	USD	5.11	5/19/2043	793,443	0.38%
24,000	PIONEER NATURAL RESOURCES CO	USD	0.25	5/15/2025	60,914	0.03%
40,000	PROGRESS SOFTWARE CORP	USD	1	4/15/2026	41,720	0.02%
675,000	REGAL REXNORD CORP	USD	6.05	4/15/2028	679,239	0.33%
43,000	REPAY HOLDINGS CORP	USD	0	2/1/2026	36,928	0.02%
42,000	RINGCENTRAL INC	USD	0	3/15/2026	37,328	0.02%
38,000	RINGCENTRAL INC	USD	0	3/1/2025	35,785	0.02%
14,000	RIVIAN AUTOMOTIVE INC	USD	3.625	10/15/2030	9,783	0.00%
12,000	RIVIAN AUTOMOTIVE INC	USD	4.625	3/15/2029	9,672	0.00%
22,000	ROYAL CARIBBEAN CRUISES LTD	USD	6	8/15/2025	55,781	0.03%
550,000	ROYALTY PHARMA PLC	USD	3.3	9/2/2040	403,657	0.20%
4,000	SAREPTA THERAPEUTICS INC	USD	1.5	11/15/2024	6,982	0.00%
38,000	SHIFT4 PAYMENTS INC	USD	0	12/15/2025	45,123	0.02%
47,000	SHOCKWAVE MEDICAL INC	USD	1	8/15/2028	52,828	0.03%
1,500,000	SLG OFFICE TRUST 2021-OVA	USD	2.5854	7/1/2041	1,229,753	0.60%
525,000	SOUTHERN CALIFORNIA EDISON CO	USD	2.75	2/1/2032	441,460	0.21%
43,000	SPLUNK INC	USD	1.125	6/15/2027	42,377	0.02%
48,000	SPLUNK INC	USD	1.125	9/15/2025	54,144	0.03%
52,000	SPOTIFY USA INC	USD	0	3/15/2026	46,956	0.02%
35,000	STRIDE INC	USD	1.125	9/1/2027	44,433	0.02%
460,000	SUZANO AUSTRIA GMBH	USD	3.75	1/15/2031	402,040	0.19%
375,000	SYNCHRONY FINANCIAL	USD	4.375	3/19/2024	374,719	0.18%
550,000	TAPESTRY INC	USD	3.05	3/15/2032	445,662	0.22%
44,000	TELADOC HEALTH INC	USD	1.25	6/1/2027	36,494	0.02%
775,000	TENNESSEE VALLEY AUTHORITY	USD	1.5	9/15/2031	629,902	0.31%
44,000	TETRA TECH INC	USD	2.25	8/15/2028	46,903	0.02%
321,578	TOYOTA AUTO RECEIVABLES 2021-B OWNER TRUST	USD	0.26	11/17/2025	315,835	0.15%
400,000	TRUIST FINANCIAL CORP	USD	1.267	3/2/2027	367,175	0.18%
875,000	UBS AG/LONDON	USD	5.65	9/11/2028	891,622	0.43%
225,336	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.56	9/1/2046	181,283	0.09%
1,083,739	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	2.88	5/1/2037	982,900	0.48%
1,187,818	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.21	12/1/2045	920,638	0.45%
1,615,602	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.03	7/1/2040	1,286,067	0.62%
509,324	UNITED STATES SMALL BUSINESS ADMINISTRATION	USD	1.34	2/1/2046	396,657	0.19%
12,000	UNITED STATES STEEL CORP	USD	5	11/1/2026	42,444	0.02%
2,546,000	UNITED STATES TREASURY NOTE/BOND	USD	3.25	5/15/2042	2,141,027	1.04%
1,500,000	UNITED STATES TREASURY NOTE/BOND	USD	3.625	5/15/2053	1,312,383	0.64%
4,000,000	UNITED STATES TREASURY NOTE/BOND	USD	2.25	2/15/2052	2,616,562	1.27%
500,000	UNITED STATES TREASURY NOTE/BOND	USD	4	1/31/2029	494,219	0.24%
1,000,000	UNITED STATES TREASURY NOTE/BOND	USD	2.625	5/31/2027	946,563	0.46%
2,000,000	UNITED STATES TREASURY NOTE/BOND	USD	2.875	5/15/2032	1,807,656	0.88%
3,600,000	UNITED STATES TREASURY NOTE/BOND	USD	3.375	5/15/2033	3,358,406	1.63%
1,220,000	VENTURE 42 CLO LTD	USD	6.7056	4/15/2034	1,217,560	0.59%
440,000	VERALTO CORP	USD	5.45	9/18/2033	441,934	0.21%
50,000	VERINT SYSTEMS INC	USD	0.25	4/15/2026	44,921	0.02%
1,000,000	VERIZON COMMUNICATIONS INC	USD	5.5	2/23/2054	987,950	0.48%
500,000	VERIZON MASTER TRUST	USD	0.5	5/20/2027	494,550	0.24%
45,000	VIAVI SOLUTIONS INC	USD	1.625	3/15/2026	44,014	0.02%
510,000	WARNERMEDIA HOLDINGS INC	USD	5.05	3/15/2042	428,868	0.21%
25,000	WAYFAIR INC	USD	3.5	11/15/2028	37,675	0.02%
22,000	WAYFAIR INC	USD	3.25	9/15/2027	26,570	0.01%
360,000	WELLS FARGO & CO	USD	3.35	3/2/2033	308,994	0.15%
51,000	WELLTOWER OP LLC	USD	2.75	5/15/2028	56,192	0.03%
670,000	WILLIS NORTH AMERICA INC	USD	5.9	3/5/2054	668,440	0.32%
670,000	WISCONSIN PUBLIC SERVICE CORP	USD	2.85	12/1/2051	422,314	0.20%
20,000	WIX.COM LTD	USD	0	8/15/2025	18,310	0.01%
18,000	WORKIVA INC	USD	1.25	8/15/2028	16,767	0.01%
51,000	ZSCALER INC	USD	0.125	7/1/2025	83,742	0.04%

Fixed Income Total

80,024,391

38.81%

Common Stock

1,680	3M CO	USD	154,762	0.08%
1,510	ABBVIE INC	USD	265,836	0.13%
262	ACCENTURE PLC	USD	98,192	0.05%
86,640	ACER INC	TWD	123,754	0.06%
624	ADOBE INC	USD	349,615	0.17%
1,040	AERCAP HOLDINGS NV	USD	80,267	0.04%
3,045	AKAMAI TECHNOLOGIES INC	USD	337,751	0.16%
284	ALLIANZ SE	EUR	77,919	0.04%
300	ALPHABET INC	USD	41,934	0.02%
5,795	ALPHABET INC	USD	802,376	0.39%
5,260	ALTRIA GROUP INC	USD	215,187	0.10%
2,488	AMAZON.COM INC	USD	439,779	0.21%
4,700	ANKER INNOVATIONS TECHNOLOGY CO LTD	CNY	53,382	0.03%
70	AP MOLLER - MAERSK A/S	DKK	94,903	0.05%
13,392	APPLE INC	USD	2,420,604	1.17%
1,120	APPLIED MATERIALS INC	USD	225,814	0.11%
6,018	ARCH CAPITAL GROUP LTD	USD	527,117	0.26%
2,486	ASSICURAZIONI GENERALI SPA	EUR	58,896	0.03%
6,920	ASUSTEK COMPUTER INC	TWD	99,609	0.05%
480	AUTODESK INC	USD	123,922	0.06%
902	AUTOMATIC DATA PROCESSING INC	USD	226,519	0.11%
162,700	BANK CENTRAL ASIA TBK PT	IDR	102,238	0.05%
1,062,300	BANK MANDIRI PERSERO TBK PT	IDR	473,185	0.23%
38,378	BDO UNIBANK INC	PHP	104,453	0.05%
895	BERKSHIRE HATHAWAY INC	USD	366,413	0.18%
1,380	BEST BUY CO INC	USD	111,614	0.05%
67,500	BOC HONG KONG HOLDINGS LTD	HKD	178,029	0.09%
709	BOOZ ALLEN HAMILTON HOLDING CORP	USD	104,726	0.05%
23,220	BRAMBLES LTD	AUD	227,452	0.11%
138	BROADCOM INC	USD	179,468	0.09%
2,620	BROWN & BROWN INC	USD	220,630	0.11%
643	CADENCE DESIGN SYSTEMS INC	USD	195,716	0.09%
2,000	CANON MARKETING JAPAN INC	JPY	59,418	0.03%
3,374	CARDINAL HEALTH INC	USD	377,821	0.18%
243	CATERPILLAR INC	USD	81,152	0.04%
1,140	CBOE GLOBAL MARKETS INC	USD	218,880	0.11%
2,062	CENCORA INC	USD	485,807	0.24%
2,880	CENTENE CORP	USD	225,878	0.11%
1,854	CEZ AS	CZK	63,342	0.03%
1,220	CHENIERE ENERGY INC	USD	189,344	0.09%
1,937	CHUBB LTD	USD	487,485	0.24%
34,000	CHUBU ELECTRIC POWER CO INC	JPY	423,299	0.21%
2,296	CIGNA GROUP/THE	USD	771,777	0.37%
742	CINTAS CORP	USD	466,429	0.23%
554	CLOROX CO/THE	USD	84,934	0.04%
1,706	COCA-COLA CO/THE	USD	102,394	0.05%
2,426	COCA-COLA ICECEK AS	TRY	50,258	0.02%
1,476	CONSOLIDATED EDISON INC	USD	128,722	0.06%
9,160	CPFL ENERGIA SA	BRL	65,211	0.03%
3,380	CRH PLC	GBP	280,485	0.14%
160,680	CTBC FINANCIAL HOLDING CO LTD	TWD	149,448	0.07%
5,000	DAICEL CORP	JPY	47,192	0.02%
3,324	DAVITA INC	USD	422,048	0.20%
2,920	DCC PLC	GBP	207,001	0.10%
799	DECKERS OUTDOOR CORP	USD	715,576	0.35%
4,740	DEUTSCHE TELEKOM AG	EUR	112,629	0.05%
2,680	DOOSAN BOBCAT INC	KRW	94,492	0.05%
64,700	DUBAI ISLAMIC BANK PJSC	AED	113,442	0.06%
813	DUKE ENERGY CORP	USD	74,658	0.04%
16,040	E.ON SE	EUR	204,739	0.10%
89,000	E.SUN FINANCIAL HOLDING CO LTD	TWD	71,094	0.03%
1,540	ELECTRONIC ARTS INC	USD	214,799	0.10%
450	ELI LILLY & CO	USD	339,156	0.16%
9,620	ENDESA SA	EUR	173,011	0.08%
28,096	ENEL SPA	EUR	178,644	0.09%
17,855	ENGIE SA	EUR	286,300	0.14%
1,340	EOG RESOURCES INC	USD	153,376	0.07%
6,780	EQUINOR ASA	NOK	167,022	0.08%
600	ERIE INDEMNITY CO	USD	244,128	0.12%
1,100	EURAZEO SE	EUR	92,852	0.05%
520	EVEREST GROUP LTD	USD	191,818	0.09%
38,000	EVERGREEN MARINE CORP TAIWAN LTD	TWD	198,959	0.10%
1,814	FERGUSON PLC	USD	383,570	0.19%
1,820	FIDELITY NATIONAL INFORMATION SERVICES INC	USD	125,926	0.06%
2,700	FORTUNE BRANDS INNOVATIONS INC	USD	219,618	0.11%
1,179	FUJIFILM HOLDINGS CORP	JPY	74,891	0.04%

466	GARTNER INC	USD	216,951	0.11%
6,144	GEN DIGITAL INC	USD	132,035	0.06%
543	GENERAL ELECTRIC CO	USD	85,191	0.04%
7,679	GOODMAN GROUP	AUD	149,241	0.07%
10,400	GSK PLC	GBP	218,527	0.11%
7,400	HANKYU HANSHIN HOLDINGS INC	JPY	213,086	0.10%
2,640	HARTFORD FINANCIAL SERVICES GROUP INC/THE	USD	253,018	0.12%
680	HEIDELBERG MATERIALS AG	EUR	65,924	0.03%
326	HOME DEPOT INC/THE	USD	124,079	0.06%
8,088	HSBC HOLDINGS PLC	GBP	62,737	0.03%
540	HUNTINGTON INGALLS INDUSTRIES INC	USD	157,475	0.08%
2,533	ICICI BANK LTD	USD	64,870	0.03%
3,899	INTERNATIONAL BUSINESS MACHINES CORP	USD	721,432	0.35%
4,800	ITOCHU CORP	JPY	208,623	0.10%
2,820	JAMES HARDIE INDUSTRIES PLC	AUD	111,355	0.05%
11,600	JAPAN TOBACCO INC	JPY	301,142	0.15%
2,714	JOHNSON & JOHNSON	USD	437,985	0.21%
940	JPMORGAN CHASE & CO	USD	174,896	0.08%
6,800	KDDI CORP	JPY	206,558	0.10%
430	KIMBERLY-CLARK CORP	USD	52,103	0.03%
28,100	KIMBERLY-CLARK DE MEXICO SAB DE CV	MXN	62,467	0.03%
2,864	KROGER CO/THE	USD	142,083	0.07%
410	KUEHNE + NAGEL INTERNATIONAL AG	CHF	137,973	0.07%
3,739	LAMB WESTON HOLDINGS INC	USD	382,163	0.19%
350	LENNOX INTERNATIONAL INC	USD	164,924	0.08%
7,850	LOEWS CORP	USD	589,771	0.29%
1,160	LOGITECH INTERNATIONAL SA	CHF	102,286	0.05%
76,947	M&G PLC	GBP	218,252	0.11%
900	MANHATTAN ASSOCIATES INC	USD	227,997	0.11%
1,584	MARATHON PETROLEUM CORP	USD	268,060	0.13%
404	MARSH & MCLENNAN COS INC	USD	81,717	0.04%
14,100	MAZDA MOTOR CORP	JPY	165,340	0.08%
399	MCDONALD'S CORP	USD	116,620	0.06%
452	MCKESSON CORP	USD	235,677	0.11%
17,380	MEDIOBANCA BANCA DI CREDITO FINANZIARIO SPA	EUR	236,588	0.11%
6,499	MERCK & CO INC	USD	826,348	0.40%
1,238	META PLATFORMS INC	USD	606,781	0.29%
3,300	METLIFE INC	USD	230,142	0.11%
7,498	MICROSOFT CORP	USD	3,101,473	1.50%
3,100	MITSUBI & CO LTD	JPY	135,501	0.07%
7,500	MIITSUI OSK LINES LTD	JPY	256,737	0.12%
18,320	MOL HUNGARIAN OIL & GAS PLC	HUF	145,763	0.07%
1,283	MOLINA HEALTHCARE INC	USD	505,387	0.25%
1,618	MONDELEZ INTERNATIONAL INC	USD	118,227	0.06%
2,240	MOTOR OIL HELLAS CORINTH REFINERIES SA	EUR	63,914	0.03%
225	MOTOROLA SOLUTIONS INC	USD	74,338	0.04%
520	MUENCHENER RUECKVERSICHERUNGS-GESELLSCHAFT AG IN MUENCHEN	EUR	241,892	0.12%
6,135	NATIONAL GRID PLC	GBP	80,346	0.04%
6,300	NEC CORP	JPY	424,006	0.21%
17,740	NEDBANK GROUP LTD	ZAR	202,734	0.10%
194,100	NIPPON TELEGRAPH & TELEPHONE CORP	JPY	236,022	0.11%
15,878	NISOURCE INC	USD	413,781	0.20%
4,620	NN GROUP NV	EUR	206,023	0.10%
6,300	NOMURA RESEARCH INSTITUTE LTD	JPY	176,662	0.09%
11,500	NORTHAM PLATINUM HOLDINGS LTD	ZAR	65,762	0.03%
1,383	NOVARTIS AG	CHF	139,950	0.07%
1,141	NOVO NORDISK A/S	DKK	135,616	0.07%
1,668	NVIDIA CORP	USD	1,319,588	0.64%
30	NVR INC	USD	228,767	0.11%
2,147	ORACLE CORP	USD	239,777	0.12%
433	O'REILLY AUTOMOTIVE INC	USD	470,853	0.23%
860	OWENS CORNING	USD	128,811	0.06%
810	PACCAR INC	USD	89,821	0.04%
400	PANDORA A/S	DKK	64,554	0.03%
11,293	PARKLAND CORP	CAD	361,220	0.18%
1,720	PAYCHEX INC	USD	210,906	0.10%
1,800	PAYPAL HOLDINGS INC	USD	108,612	0.05%
17,303	PG&E CORP	USD	288,787	0.14%
610	PHILLIPS 66	USD	86,931	0.04%
1,510	PROCTER & GAMBLE CO/THE	USD	239,999	0.12%
7,614	PULTEGROUP INC	USD	825,205	0.40%
9,420	QBE INSURANCE GROUP LTD	AUD	105,867	0.05%
370	QUALCOMM INC	USD	58,382	0.03%
39,000	QUANTA COMPUTER INC	TWD	286,243	0.14%
3,400	RANDSTAD NV	EUR	187,190	0.09%
900	RELIANCE INDUSTRIES LTD	USD	64,080	0.03%

5,280	RELX PLC	GBP	230,674	0.11%	
856	ROPER TECHNOLOGIES INC	USD	466,289	0.23%	
9,460	SAGE GROUP PLC/THE	GBP	148,610	0.07%	
376	SALESFORCE INC	USD	116,116	0.06%	
26,900	SCSK CORP	JPY	495,224	0.24%	
2,700	SEKISUI HOUSE LTD	JPY	60,152	0.03%	
106	SERVICENOW INC	USD	81,762	0.04%	
77,400	SINO GRANDNESS FOOD INDUSTRY GROUP LTD	SGD	0	0.00%	
229,840	SINOPAC FINANCIAL HOLDINGS CO LTD	TWD	146,152	0.07%	
1,580	SK INC	KRW	227,579	0.11%	
24,500	SOFTBANK CORP	JPY	322,347	0.16%	
2,900	SOJITZ CORP	JPY	73,487	0.04%	
9,800	STELLANTIS NV	EUR	255,634	0.12%	
11,600	SUBARU CORP	JPY	263,383	0.13%	
3,500	SUMITOMO CORP	JPY	81,874	0.04%	
4,100	SYNCHRONY FINANCIAL	USD	169,330	0.08%	
9,000	TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD	TWD	196,460	0.10%	
11,680	TELE2 AB	SEK	97,934	0.05%	
2,300	TENCENT HOLDINGS LTD	HKD	81,430	0.04%	
827	TESLA INC	USD	166,955	0.08%	
1,200	TIX COS INC/THE	USD	118,968	0.06%	
6,800	TOKIO MARINE HOLDINGS INC	JPY	198,485	0.10%	
13,900	TOKYO GAS CO LTD	JPY	304,016	0.15%	
67,480	TONGCHENG TRAVEL HOLDINGS LTD	HKD	170,305	0.08%	
6,300	TOYOTA MOTOR CORP	JPY	152,163	0.07%	
1,000	TOYOTA TSUSHO CORP	JPY	64,528	0.03%	
940	TRANE TECHNOLOGIES PLC	USD	265,052	0.13%	
420	ULTA BEAUTY INC	USD	230,395	0.11%	
324	UNITEDHEALTH GROUP INC	USD	159,926	0.08%	
1,867	VALERO ENERGY CORP	USD	264,106	0.13%	
412	VERISK ANALYTICS INC	USD	99,663	0.05%	
5,120	VERIZON COMMUNICATIONS INC	USD	204,902	0.10%	
9,980	VIPSHOP HOLDINGS LTD	USD	192,115	0.09%	
945	VISA INC	USD	267,095	0.13%	
4,279	VISTRA CORP	USD	233,377	0.11%	
26,780	VOLVO CAR AB	SEK	97,547	0.05%	
7,704	WALMART INC	USD	451,531	0.22%	
888	WASTE MANAGEMENT INC	USD	182,617	0.09%	
100,300	WEICHAI POWER CO LTD	CNY	235,368	0.11%	
14,080	WOOLWORTHS HOLDINGS LTD/SOUTH AFRICA	ZAR	47,107	0.02%	
260	WW GRAINGER INC	USD	253,100	0.12%	
1,672	XYLEM INC/NY	USD	212,428	0.10%	
7,400	YAMAHA MOTOR CO LTD	JPY	66,117	0.03%	
289,069	YAPI VE KREDI BANKASI AS	TRY	213,806	0.10%	
3,300	YOKOGAWA ELECTRIC CORP	JPY	69,645	0.03%	
272	ZSCALER INC	USD	65,816	0.03%	
Common Stock Total			48,244,802	23.40%	
Preferred Stock					
22	BANK OF AMERICA CORP	USD	26,049	0.01%	
2,320	BAYERISCHE MOTOREN WERKE AG	EUR	254,005	0.12%	
31,780	CIA ENERGETICA DE MINAS GERAIS	BRL	76,268	0.04%	
1,857	EPR PROPERTIES	USD	35,803	0.02%	
17,000	PETROLEO BRASILEIRO SA	BRL	136,996	0.07%	
41	WELLS FARGO & CO	USD	48,380	0.02%	
Preferred Stock Total			577,501	0.28%	
Open-End Funds					
68,690	PIMCO ENHANCED SHORT MATURITY ACTIVE ESG EXCHANGE-TRADED FUND	USD	6,772,154	3.28%	
244,000	VIRTUS DUFF & PHELPS CLEAN ENERGY ETF	USD	4,060,965	1.97%	
312,428	VIRTUS DUFF & PHELPS WATER FUND	USD	6,148,576	2.98%	
2,904,993	VIRTUS NFJ GLOBAL SUSTAINABILITY FUND	USD	40,147,006	19.47%	
Open-End Funds Total			57,128,701	27.70%	
Short-Term Investments					
5,033,326	BLCKRCK LIQ FDFND-INST	USD	5.19979	5,033,326	2.44%
Short-Term Investments Total			5,033,326	2.44%	
Total Investments			191,008,721	92.63%	
Other Assets and Liabilities			15,198,211	7.37%	

Total Net Assets

206,206,932

100.00%

Futures Contracts

Contract Description	Long/ (Short)	Expiration Date	Contract Currency	Number of Contracts	Notional Value	Unrealized Appreciation (Depreciation)
AUST 10Y BOND FUT MAR24	L	3/15/2024	AUD	34	2,541,857	(18,775)
EURO-BTP FUTURE MAR24	L	3/7/2024	EUR	14	1,782,758	(3,178)
EURO-OAT FUTURE MAR24	L	3/7/2024	EUR	1	138,007	(3,072)
EURO-BUND FUTURE MAR24	L	3/7/2024	EUR	18	2,580,626	(36,174)
LONG GILT FUTURE JUN24	L	6/26/2024	GBP	13	1,609,647	4,992
CAN 10YR BOND FUT JUN24	L	6/19/2024	CAD	10	883,248	1,859
US 5YR NOTE (CBT) JUN24	L	6/28/2024	USD	39	4,169,344	7,702
US 2YR NOTE (CBT) JUN24	L	6/28/2024	USD	22	4,504,500	(1,214)
US LONG BOND(CBT) JUN24	L	6/18/2024	USD	19	2,265,750	3,063
US 10YR ULTRA FUT JUN24	L	6/18/2024	USD	57	6,507,797	8,958
US ULTRA BOND CBT JUN24	L	6/18/2024	USD	9	1,150,875	3,701
SPI 200 FUTURES MAR24	L	3/21/2024	AUD	5	622,375	5,640
FTSE 100 IDX FUT MAR24	L	3/15/2024	GBP	1	96,269	(531)
S&P/TSX 60 IX FUT MAR24	L	3/14/2024	CAD	3	570,578	12,610
DAX MINI FUTURE MAR24	L	3/15/2024	EUR	13	1,246,833	54,900
FTSE/MIB IDX FUT MAR24	L	3/15/2024	EUR	3	528,998	29,416
EURO STOXX 50 MAR24	L	3/15/2024	EUR	15	793,415	19,363
TOPIX INDX FUTR MAR24	L	3/7/2024	JPY	13	2,324,773	161,277
S&P500 EMINI FUT MAR24	L	3/15/2024	USD	18	4,593,375	113,528
XAU UTILITIES MAR24	L	3/15/2024	USD	25	1,564,500	(102,809)
MSCI EMGMKT MAR24	L	3/15/2024	USD	20	1,016,800	15,526
NASDAQ 100 E-MINI MAR24	L	3/15/2024	USD	1	361,655	26,184
E-MINI RUSS 2000 MAR24	L	3/15/2024	USD	7	720,055	28,807
EMINI S&P500 ESG MAR24	L	3/15/2024	USD	65	14,627,600	710,782
EM ESG SCR NTR MAR24	L	3/15/2024	USD	229	3,457,900	145,333
EAFE ESG SCR NTR MAR24	L	3/15/2024	USD	200	4,748,000	196,052
MINI BOVESPA FUT APR24	L	4/17/2024	BRL	79	415,216	(1,405)
IBEX 35 INDX FUTR MAR24	L	3/15/2024	EUR	4	433,500	1,085
BIST 30 FUTURES APR24	L	4/30/2024	TRY	59	193,994	(5,121)
FTSE TAIWAN INDEX MAR24	L	3/28/2024	USD	10	646,600	960
NEW ZEALAND \$ FUT MAR24	L	3/18/2024	USD	7	425,740	(5,680)
JPN 10Y BOND(OSE) MAR24	S	3/13/2024	JPY	(10)	(9,755,870)	(76,949)
US 10YR NOTE (CBT)JUN24	S	6/18/2024	USD	(10)	(1,104,375)	(262)
HSCEI FUTURES MAR24	S	3/27/2024	HKD	(10)	(362,795)	2,741
XAV HEALTH CARE MAR24	S	3/15/2024	USD	(11)	(1,610,180)	(87,286)
FTSE/JSE TOP 40 MAR24	S	3/20/2024	ZAR	(2)	(69,054)	721
AUDUSD CRNCY FUT MAR24	S	3/18/2024	USD	(8)	(519,760)	2,766
BP CURRENCY FUT MAR24	S	3/18/2024	USD	(1)	(78,838)	(204)
C\$ CURRENCY FUT MAR24	S	3/19/2024	USD	(6)	(442,020)	2,432
EURO FX CURR FUT MAR24	S	3/18/2024	USD	(7)	(945,788)	(2,700)
JPN YEN CURR FUT MAR24	S	3/18/2024	USD	(34)	(2,841,550)	17,706

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)
ICE - CDX EM CDSI S40 5Y PRC DEAL	12/20/2028	ICE	USD	1	1,700,000	(42,931)	(47,309)	4,378

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
- IDR Indonesian Rupiah
- JPY Japanese Yen
- KRW Korean Won
- MXN Mexican Peso
- NOK Norwegian Krone
- PHP Philippine Peso

SEK Swedish Krona
SGD Singapore Dollar
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 NPORT-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.

Mutual funds distributed by VP Distributors LLC.