



Virtus AlphaSimplex Managed Futures Fund
Investments as of June 30, 2024
Unaudited

Short-Term Investments	Shares/Principal Amount	Security Description	Currency Code	Interest Rate	Market Value	% of TNA
	22,000,000	BACNA CD 5.3800 07/18/24	USD	5.3800	\$22,000,018.70	0.95%
	43,000,000	BACNA CD 5.4000 01/05/25	USD	5.4000	\$42,979,873.85	1.86%
	40,500,000	BACNA CD 5.4600 01/13/25	USD	5.4600	\$40,494,129.93	1.75%
	50,000,000	BANK OF NOVA SCOTIA/HOUSTON	USD	5.9100	\$50,031,998.50	2.17%
	50,000,000	BMOCCHG YCD 5.4800 05/08/25	USD	5.4800	\$50,012,004.00	2.17%
	52,000,000	BNPPNY YCD 5.2000 12/19/24	USD	5.2000	\$51,912,513.64	2.25%
	38,000,000	BNPPNY YCD 5.2700 10/04/24	USD	5.2700	\$37,972,006.16	1.64%
	30,000,000	CANADIAN IMPERIAL BANK OF COMMERCE/NEW YORK NY	USD	5.6400	\$30,011,972.40	1.30%
	47,500,000	CANADIAN IMPERIAL BANK OF COMMERCE/NEW YORK NY	USD	5.5900	\$47,509,579.33	2.06%
	37,000,000	COOPERATIVE RABOBANK UA/NY	USD	5.6300	\$37,019,143.06	1.60%
	30,000,000	COOPERATIVE RABOBANK UA/NY	USD	5.5200	\$30,008,422.20	1.30%
	38,000,000	DNBNNY YCD 5.2900 07/02/24	USD	5.2900	\$37,999,985.18	1.65%
	30,000,000	DZ BANK AG DEUTSCHE ZENTRAL-GENOSSENSCHAFTSBANK/NEW YORK	USD	5.4500	\$29,999,819.50	1.30%
	37,500,000	DZBK YCD 5.4700 12/04/24	USD	5.4700	\$37,500,182.63	1.62%
	51,500,000	MITSUBISHI UFJ TRUST & BANKING CORP/NY	USD	5.5100	\$51,503,232.14	2.23%
	81,500,000	MIZUHO BANK LTD/NEW YORK NY	USD	5.5100	\$81,506,161.40	3.53%
	45,000,000	MUFGBK YCD 5.4700 11/12/24	USD	5.4700	\$45,495,628.36	1.97%
	50,000,000	NABNY YCD 5.1200 09/25/24	USD	5.1200	\$49,954,999.00	2.16%
	50,000,000	NORDEA BANK ABP/NEW YORK NY	USD	5.9000	\$50,064,390.00	2.17%
	25,000,000	NORNY YCD 5.4100 09/23/24	USD	5.4100	\$24,999,785.25	1.08%
	30,000,000	OVERSEA-CHINESE BANKING CORP LTD/NEW YORK	USD	5.5100	\$30,001,502.70	1.30%
	35,000,000	OVERSEA-CHINESE BANKING CORP LTD/NEW YORK	USD	5.5000	\$35,001,865.50	1.52%
	50,000,000	Royal Bank of Canada New York Branch 5.96 CD 20/09/2024 USD	USD	5.9600	\$50,033,646.50	2.17%
	50,000,000	RY YCD 5.8300 07/23/24	USD	5.8300	\$50,010,426.00	2.17%
	25,000,000	SEBNY YCD 5.2500 10/08/24	USD	5.2500	\$24,979,370.75	1.08%
	40,000,000	SUMITOMO MITSUBI BANKING CORP/NEW YORK	USD	5.5900	\$40,011,729.60	1.73%
	46,500,000	SUMITOMO MITSUBI BANKING CORP/NEW YORK	USD	5.5100	\$46,502,331.51	2.01%
	88,000,000	SUMITNY YCD 5.3100 07/11/24	USD	5.3100	\$87,999,880.32	3.81%
	37,500,000	SVENSKA HANDELSBANKEN/NEW YORK NY	USD	5.8800	\$37,546,286.25	1.63%
	50,000,000	SVSNY YCD 5.4100 06/18/25	USD	5.4100	\$49,996,730.00	2.17%
	25,000,000	TDNY YCD 0 07/02/24	USD	5.9500	\$25,001,272.75	1.08%
	50,000,000	TDNY YCD 5.9700 10/07/24	USD	5.9700	\$50,039,036.00	2.17%
	9,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$8,961,937.47	0.39%
	9,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$8,971,125.03	0.39%
	5,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$4,994,197.20	0.22%
	5,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$4,982,550.00	0.22%
	8,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$7,980,128.88	0.35%
	8,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$7,973,452.80	0.34%
	10,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$9,944,662.50	0.43%
	8,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$7,988,329.60	0.35%
	8,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$7,995,312.56	0.35%
	8,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$7,998,828.72	0.35%
	22,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$21,862,260.64	0.95%
	37,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$36,645,969.20	1.59%
	10,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$9,965,100.00	0.43%
	42,500,000	UNITED STATES TREASURY BILL	USD	0.0000	\$42,179,143.28	1.83%
	10,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$9,998,535.90	0.43%
	8,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$7,982,483.36	0.35%
	15,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$14,951,875.05	0.65%
	9,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$8,952,378.33	0.39%
	10,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$9,873,729.20	0.43%
	7,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$6,920,898.25	0.30%
	36,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$35,737,625.16	1.55%
	5,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$4,917,112.15	0.21%
	9,000,000	UNITED STATES TREASURY BILL	USD	0.0000	\$8,934,406.29	0.39%
	45,000,000	WSTNY YCD 5.8400 08/15/24	USD	5.8400	\$45,015,507.00	1.95%
		Total Investments			\$1,717,776,051.68	74.41%
		Other Assets and Liabilities			\$90,770,956.38	25.59%
		Total Net Assets			\$2,308,547,008.06	100.00%

Financial and Currency Futures Long	Security Description	Currency Code	Maturity Date	Shares/Principal Amount	Notional Cost Base	Unrealized Gain/Loss on Cleared Derivatives Base
	OMXS30 IND FUTURE JUL24	SEK	2024-07-19	3,023	\$73,528,578.17	\$262,683.56
	IBEX 35 INDX FUTR JUL24	EUR	2024-07-19	562	\$65,459,805.36	(\$565,761.47)
	CAC40 10 EURO FUT JUL24	EUR	2024-07-19	341	\$27,362,156.70	(\$249,574.20)
	IFSC NIFTY 50 FUT JUL24	USD	2024-07-25	1,610	\$77,729,190.00	\$1,120,253.50
	MSCI SING K ETS JUL24	SGD	2024-07-30	1,565	\$36,510,895.62	\$556,867.26
	FTSE TAIWAN INDEX JUL24	USD	2024-07-30	1,124	\$86,716,600.00	\$705,280.00
	FTSE CHINA A50 JUL24	USD	2024-07-30	1,122	\$13,354,044.00	(\$100,132.00)
	HSCEI FUTURES JUL24	HKD	2024-07-30	686	\$27,518,007.95	(\$494,138.21)
	HANG SENG IDX FUT JUL24	HKD	2024-07-30	178	\$20,092,969.06	(\$430,500.52)
	EURO-BTP FUTURE SEP24	EUR	2024-09-06	298	\$36,794,008.00	(\$378,939.84)
	TOPIX INDX FUTR SEP24	JPY	2024-09-12	481	\$84,023,276.17	\$877,866.87
	NIKKEI 225 (OSE) SEP24	JPY	2024-09-12	261	\$64,207,719.56	\$556,877.37
	AUDUSD CRNCY FUT SEP24	USD	2024-09-16	1,376	\$91,958,080.00	\$502,319.19
	BP CURRENCY FUT SEP24	USD	2024-09-16	1,299	\$102,694,068.75	(\$1,101,194.69)
	CAN 10YR BOND FUT SEP24	CAD	2024-09-18	1,604	\$140,778,684.99	(\$2,355,659.51)
	SPI 200 FUTURES SEP24	AUD	2024-09-19	836	\$108,360,255.08	\$848,134.28
	S&P/TSX 60 IX FUT SEP24	CAD	2024-09-19	561	\$107,480,062.86	\$747,826.48
	FTSE/JSE TOP 40 SEP24	ZAR	2024-09-19	221	\$8,957,461.77	\$96,510.27
	US ULTRA BOND CBT SEP24	USD	2024-09-19	101	\$12,659,718.75	(\$279,845.65)
	US LONG BOND(CBT) SEP24	USD	2024-09-19	97	\$11,476,312.50	(\$173,935.03)
	EURO STOXX 50 SEP24	EUR	2024-09-20	2,268	\$119,648,333.20	\$673,627.55
	STOXX EUROPE 600 SEP24	EUR	2024-09-20	2,121	\$58,399,878.06	(\$44,294.49)
	MSCI EMGMWKT SEP24	USD	2024-09-20	1,633	\$88,851,130.00	\$113,190.10
	FTSE 100 IDX FUT SEP24	GBP	2024-09-20	1,246	\$129,344,633.43	\$165,382.20
	MSCI EAFE SEP24	USD	2024-09-20	1,135	\$132,976,600.00	(\$832,806.25)
	S&P500 EMINI FUT SEP24	USD	2024-09-20	921	\$254,265,075.00	\$1,335,708.57
	DJIA MINI E-CBOT SEP24	USD	2024-09-20	819	\$161,625,555.00	\$1,468,614.01
	NASDAQ 100 E-MINI SEP24	USD	2024-09-20	499	\$198,873,955.00	\$632,502.06
	E-MINI RUSS 2000 SEP24	USD	2024-09-20	404	\$41,713,000.00	(\$357,299.12)
	FTSE/MIB IDX FUT SEP24	EUR	2024-09-20	402	\$71,823,968.58	\$468,636.61
	S&P MID 400 EMINI SEP24	USD	2024-09-20	288	\$85,193,280.00	(\$303,028.84)
	DAX INDEX FUTURE SEP24	EUR	2024-09-20	172	\$84,747,379.25	\$792,604.30
	LONG GILT FUTURE SEP24	GBP	2024-09-26	909	\$112,114,457.43	(\$1,218,121.22)
	3M CORRA FUTURES DEC24	CAD	2025-03-18	262	\$45,845,930.34	(\$75,755.64)

Financial and Currency Futures Short	Security Description	Currency Code	Maturity Date	Shares/Principal Amount	Notional Cost Base	Unrealized Gain/Loss on Cleared Derivatives Base
	KRW/USD MINI JUL24	USD	2024-07-15	(538)	(\$9,756,045.00)	\$5,960.00
	INR/USD JUL24	USD	2024-07-29	(1,412)	(\$33,848,464.00)	(\$56,747.00)
	BRAZIL REAL FUT AUG24	USD	2024-07-31	(1,296)	(\$23,120,640.00)	\$627,552.36
	EURO-BUXL 30Y BND SEP24	EUR	2024-09-06	(147)	(\$20,503,637.62)	(\$325,083.06)
	EURO-BUND FUTURE SEP24	EUR	2024-09-06	(503)	(\$70,902,094.82)	(\$998,981.30)
	EURO-DAT FUTURE SEP24	EUR	2024-09-06	(1,879)	(\$247,756,229.96)	\$468,636.61
	EURO-BOBL FUTURE SEP24	EUR	2024-09-06	(2,161)	(\$269,479,764.30)	(\$2,628,121.81)
	SHORT EURO-BTP FU SEP24	EUR	2024-09-06	(2,482)	(\$279,126,860.48)	(\$118,858.19)
	EURO-SCHATZ FUT SEP24	EUR	2024-09-06	(11,349)	(\$1,284,700,160.83)	(\$6,220,780.71)
	90-DAY BANK BILL SEP24	AUD	2024-09-12	(1,344)	(\$886,743,197.15)	\$159,984.91
	AUST 10Y BOND FUT SEP24	AUD	2024-09-16	(919)	(\$69,625,149.24)	(\$35,571.80)
	EURO FX CURR FUT SEP24	USD	2024-09-16	(3,878)	(\$521,203,000.00)	\$1,148,094.11
	JPN YEN CURR FUT SEP24	USD	2024-09-16	(4,465)	(\$351,200,156.25)	\$8,757,222.49
	AUST 3YR BOND FUT SEP24	AUD	2024-09-16	(4,621)	(\$325,088,387.92)	\$426,597.99
	3MO EURO EURIBOR SEP24	EUR	2024-09-16	(15,098)	(\$3,899,607,557.64)	\$5,463,773.21
	CS CURRENCY FUT SEP24	USD	2024-09-17	(4,195)	(\$307,074,000.00)	(\$1,885,073.59)
	US 10YR ULTRA FUT SEP24	USD	2024-09-19	(692)	(\$78,563,625.00)	(\$776,610.65)
	US 10YR NOTE (CBT)SEP24	USD	2024-09-19	(960)	(\$105,585,004.80)	(\$693,450.52)

US 5YR NOTE (CBT) SEP24	USD	2024-09-30	(2,319)	(\$247,154,683.47)	(\$1,085,668.87)
US 2YR NOTE (CBT) SEP24	USD	2024-09-30	(6,412)	(\$1,309,450,625.00)	(\$2,599,699.70)
ICE 3MONTH SONIA FU SEP24	GBP	2024-12-17	(4,216)	(\$1,266,342,892.63)	\$634,745.26
3 MONTH SOFRA FUT SEP24	USD	2024-12-17	(12,119)	(\$2,873,717,875.00)	\$5,248,331.35

Commodity Futures Long	Security Description	Currency Code	Maturity Date	Shares/Principal Amount	Notional Cost Base	Unrealized Gain/Loss on Cleared Derivatives Base
	WTI CRUDE FUTURE AUG24	USD	2024-07-22	831	\$67,759,740.00	\$381,226.88
	BRENT CRUDE FUTR SEP24	USD	2024-07-31	1,107	\$94,095,000.00	\$1,224,333.56
	GASOLINE RBOB FUT AUG24	USD	2024-07-31	89	\$9,350,607.00	(\$104,637.81)
	LOW SU GASOIL G AUG24	USD	2024-08-12	336	\$26,342,400.00	(\$31,656.84)
	GOLD 100 OZ FUTR AUG24	USD	2024-09-18	859	\$300,971,640.00	(\$8,941,130.60)
	LIVE CATTLE FUTR AUG24	USD	2024-08-30	650	\$48,210,500.00	\$658,331.69
	SGX IRON ORE 62 AUG24	USD	2024-08-30	519	\$5,519,565.00	\$176,979.00
	COCOA FUTURE SEP24	USD	2024-09-13	197	\$15,230,070.00	(\$2,065,795.09)
	LME PRI ALUM FUTR SEP24	USD	2024-09-18	622	\$40,955,975.25	(\$1,714,617.25)
	COFFEE C FUTURE SEP24	USD	2024-09-18	441	\$37,507,050.00	(\$602,803.55)
	LME ZINC FUTURE SEP24	USD	2024-09-18	268	\$20,979,724.00	(\$1,312,075.00)
	LME COPPER FUTURE SEP24	USD	2024-09-18	176	\$46,459,345.50	(\$4,253,885.50)
	LME NICKEL FUTURE SEP24	USD	2024-09-18	79	\$10,104,632.52	(\$1,917,344.28)
	COPPER FUTURE SEP24	USD	2024-09-26	1,253	\$137,563,737.50	(\$3,894,695.95)
	SILVER FUTURE SEP24	USD	2024-09-26	544	\$80,403,200.00	\$3,092.64
	ALUMINUM FUTURES SEP24	USD	2024-09-26	14	\$872,725.00	(\$16,073.96)
	PLATINUM FUTURE OCT24	USD	2024-10-29	190	\$9,633,950.00	\$476,664.69

Commodity Futures Short	Security Description	Currency Code	Maturity Date	Shares/Principal Amount	Notional Cost Base	Unrealized Gain/Loss on Cleared Derivatives Base
	NATURAL GAS FUTR AUG24	USD	2024-07-29	(234)	(\$6,086,340.00)	\$435,704.63
	NY HARB ULSD FUT AUG24	USD	2024-07-31	(69)	(\$7,340,923.80)	(\$428,298.52)
	LEAN HOGS FUTURE AUG24	USD	2024-08-14	(886)	(\$31,718,800.00)	\$545,662.91
	LME ZINC FUTURE SEP24	USD	2024-09-18	(20)	(\$1,433,271.25)	(\$34,463.75)
	LME NICKEL FUTURE SEP24	USD	2024-09-18	(188)	(\$19,717,680.66)	\$234,007.38
	LME PRI ALUM FUTR SEP24	USD	2024-09-18	(205)	(\$12,933,899.00)	\$654.00
	PALLADIUM FUTURE SEP24	USD	2024-09-26	(92)	(\$8,996,680.00)	(\$267,131.25)
	SUGAR #11 (WORLD) OCT24	USD	2024-09-30	(1,737)	(\$39,492,432.00)	(\$2,402,803.78)
	SOYBEAN FUTURE NOV24	USD	2024-11-14	(2,055)	(\$113,436,000.00)	\$3,768,463.93
	COTTON NO.2 FUTR DEC24	USD	2024-12-06	(608)	(\$22,097,760.00)	\$86,975.00
	KC HRW WHEAT FUT DEC24	USD	2024-12-13	(136)	(\$4,102,100.00)	\$75,771.44
	SOYBEAN MEAL FUTR DEC24	USD	2024-12-13	(269)	(\$9,024,950.00)	\$79,295.65
	WHEAT FUTURE(CBT) DEC24	USD	2024-12-13	(752)	(\$22,447,200.00)	\$624,514.42
	SOYBEAN OIL FUTR DEC24	USD	2024-12-13	(1,303)	(\$34,235,022.00)	\$206,131.83
	CORN FUTURE DEC24	USD	2024-12-13	(4,290)	(\$90,250,875.00)	\$7,954,970.05
	ECX EMISSION DEC24	EUR	2024-12-16	(133)	(\$9,610,180.53)	(\$762,100.94)

Forwards	Currency Code	Shares/Principal Amount	Base Currency Code	Book Cost Base	Maturity Date	Total Unrealized Gain/Loss Base
ZAR		3,192,000,000	USD	\$172,539,577.47	2024-09-18	\$1,817,901.16
MXN		870,500,000	USD	\$46,699,226.02	2024-09-18	\$279,874.46
PLN		685,000,000	USD	\$168,422,522.69	2024-09-18	\$1,568,798.51
NZD		397,600,000	USD	\$243,545,904.00	2024-09-18	(\$1,371,283.99)
SEK		372,000,000	USD	\$35,810,869.30	2024-09-18	(\$565,652.91)
TRY		314,100,000	USD	\$8,903,603.18	2024-09-18	(\$101,798.36)
CHF		20,875,000	USD	\$23,859,978.79	2024-09-18	(\$395,048.46)
NZD		(124,000,000)	USD	(\$75,817,963.38)	2024-09-18	\$290,667.40
CHF		(231,875,000)	USD	(\$261,404,490.52)	2024-09-18	\$761,102.71
PLN		(278,500,000)	USD	(\$68,413,536.24)	2024-09-18	(\$699,723.55)
NOK		(250,000,000)	USD	(\$27,166,737.37)	2024-09-18	(\$49,496.44)
SEK		(372,000,000)	USD	(\$35,353,902.92)	2024-09-18	\$108,686.53
SGD		(455,250,000)	USD	(\$337,730,222.76)	2024-09-18	\$702,888.51
CNH		(1,299,000,000)	USD	(\$179,873,224.71)	2024-09-19	\$796,663.69
MXN		(1,780,000,000)	USD	(\$94,562,690.74)	2024-09-18	(\$1,500,260.26)

Key to abbreviations:

AUD	Australian Dollar
CAD	Canadian Dollar
CHF	Swiss Franc
CNH	Chinese Yuan
EUR	Euro
GBP	British Pound Sterling
HKD	Hong Kong Dollar
JPY	Japanese Yen
MXN	Mexican Peso
NOK	Norwegian Krone
NZD	New Zealand Dollar
PLN	Polish Zloty
SEK	Swedish Krona
SGD	Singapore Dollar
TRY	New Turkish Lira
USD	US Dollar
ZAR	South Africa Rand

*The notional amount of each security is stated in the currency in which the security is denominated.

Interest rate may be fixed or variable depending on terms of the security. Interest rate disclosed is that which is in effect as of the date of this holdings report.

Market value and unrealized appreciation (depreciation) are stated in US Dollars unless otherwise noted.

The portfolio is actively managed and holdings are subject to change. There is no guarantee the Fund continues to invest in the securities referenced. The portfolio data is for informational purposes only. It does not constitute a recommendation or an offer for a particular security or fund, nor should it be taken as a solicitation or recommendation to buy or sell securities or other investments. An investment in the Fund involves risk, including loss of principal.

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 presented herein may differ from the complete statement of investments included in the annual and semiannual report to shareholders filed with the SEC on Form N-CSR, and the complete statement of investments provided in the first and third quarter SEC Form N-PORT filings for each fiscal year.

Mutual funds distributed by VP Distributors LLC.