

TABLE 2

Bottom 50 ETF Performers for 2021

Data as of December 31, 2021

Category	Ticker	ETF Name	Total Return (%)					Annual Return (%)			Total Risk Index (X)	Yield (%)	Exp Ratio (%)	Port Turn-over (%)	Total Assets (\$ Mil)
			2021	2020	2019	2018	2017	3-Yr	5-Yr	10-Yr					
Misc Trading	VIXY	ProShares VIX Short-Term Futures	(72.5)	11.9	(68.1)	65.3	(72.5)	(53.9)	(46.3)	(53.3)	5.80	0.0	0.87	—	267
Misc Trading	VXX	iPath B S&P 500 VIX S/T Futs ETN	(72.4)	12.2	(68.1)	—	—	(53.8)	—	—	5.80	0.0	0.89	—	822
China Region	KWEB	KraneShares CSI China Internet ETF	(49.3)	59.7	29.3	(33.5)	69.4	1.5	3.3	—	2.11	0.0	0.70	89	6,313
China Region	PGJ	Invesco Golden Dragon China ETF	(42.8)	53.6	31.9	(29.2)	60.0	5.1	5.6	7.4	2.01	0.0	0.69	40	206
Misc Sector	POTX	Global X Cannabis ETF	(38.9)	(30.4)	—	—	—	—	—	—	—	4.3	0.51	—	94
Health	ARKG	ARK Genomic Revolution ETF	(33.9)	180.5	43.7	0.6	45.4	38.7	31.3	—	2.54	0.6	0.75	—	5,064
Divers Emg Mkts	EMQQ	EMQQ Emg Mkts Internet & Ecom ETF	(32.5)	81.1	32.7	(29.2)	67.2	17.5	13.9	—	1.77	0.0	0.86	71	1,023
Misc Sector	THCX	The Cannabis ETF	(31.2)	3.9	—	—	—	—	—	—	—	0.0	0.75	76	70
Misc Sector	PBW	Invesco WilderHill Clean Energy ETF	(29.8)	205.6	61.9	(13.7)	39.8	51.4	33.2	13.1	3.04	1.7	0.61	81	1,559
Misc Sector	MSOS	AdvisorShares Pure US Cannabis ETF	(29.7)	—	—	—	—	—	—	—	—	0.0	0.73	—	1,144
Misc Region	TUR	iShares MSCI Turkey ETF	(27.5)	(0.7)	13.9	(41.4)	37.4	(6.4)	(8.0)	(5.3)	2.44	4.2	0.59	22	277
China Region	CHIQ	Global X MSCI China Consumer Disc ETF	(27.2)	93.4	43.1	(27.7)	65.3	26.3	19.2	8.2	1.85	0.0	0.65	33	518
Divers Emg Mkts	KEMQ	KraneShares Em Mkts Cnsmr Tech ETF	(26.8)	39.1	27.7	(24.8)	—	9.1	—	—	1.60	0.3	0.59	53	89
Inv Eq Trading	DWSH	AdvisorShares Dorsey Wright Short ETF	(25.7)	(49.5)	(25.3)	—	—	(34.6)	—	—	2.53	0.0	3.68	—	32
China Region	CQQQ	Invesco China Technology ETF	(25.1)	58.3	32.5	(34.2)	72.6	16.2	12.3	12.7	1.74	0.0	0.70	38	1,404
Consumer Cyclical	ONLN	ProShares Online Retail ETF	(25.1)	111.4	20.1	—	—	23.9	—	—	2.07	0.0	0.58	—	617
Misc Sector	TAN	Invesco Solar ETF	(24.7)	233.3	65.7	(25.2)	54.2	60.8	36.8	14.4	2.95	0.0	0.66	—	2,729
China Region	CXSE	WisdomTree China ex-State Entpr ETF	(23.8)	60.6	36.4	(27.9)	78.0	18.6	16.5	—	1.55	0.9	0.32	20	1,064
Misc Sector	ICLN	iShares Global Clean Energy ETF	(23.8)	141.3	43.8	(8.6)	20.5	38.3	23.8	11.9	2.17	1.2	0.42	—	5,605
Mid-Cap Growth	ARKK	ARK Innovation ETF	(23.6)	156.6	35.7	3.6	87.4	38.6	38.9	—	2.58	0.6	0.75	—	16,193
Consumer Cyclical	IBUY	Amplify Online Retail ETF	(23.0)	123.5	28.4	(1.6)	50.2	30.3	26.7	—	2.26	0.0	0.65	61	630
Eq Prec Metals	SLVP	iShares MSCI Gbl Silver&Mtls Mnrs ETF	(23.0)	56.0	38.1	(22.3)	3.7	18.3	6.0	—	2.97	1.6	0.39	31	248
Eq Prec Metals	SILJ	ETFMG Prime Junior Silver Miners ETF	(22.8)	33.5	56.3	(28.5)	(5.6)	17.2	1.7	—	3.36	0.4	0.69	26	771
China Region	MCHI	iShares MSCI China ETF	(22.4)	28.7	22.7	(19.2)	53.0	7.0	8.7	6.6	1.34	1.1	0.59	18	5,856
Misc Sector	PBD	Invesco Global Clean Energy ETF	(21.8)	144.1	39.7	(19.0)	27.8	38.6	22.5	14.0	2.18	0.7	0.75	56	325
Misc Sector	CTEC	Global X CleanTech ETF	(21.7)	—	—	—	—	—	—	—	—	0.4	0.50	—	125
Eq Prec Metals	GDXJ	VanEck Junior Gold Miners ETF	(21.4)	30.0	41.4	(11.6)	7.9	13.1	6.6	(6.8)	2.81	1.8	0.52	34	4,495
Misc Sector	MJ	ETFMG Alternative Harvest ETF	(21.4)	(11.4)	(28.6)	(21.7)	39.0	(20.8)	(11.6)	—	3.53	1.9	0.75	75	810
China Region	FLCH	Franklin FTSE China ETF	(21.0)	30.6	22.9	(18.3)	—	8.2	—	—	1.34	1.5	0.19	16	119
China Region	FXI	iShares China Large-Cap ETF	(21.0)	10.1	13.7	(12.4)	34.5	(0.4)	3.1	3.1	1.21	1.6	0.74	62	4,895
Health	XBI	SPDR S&P Biotech ETF	(20.5)	48.2	32.2	(14.9)	43.7	15.9	13.7	18.0	1.92	0.0	0.35	74	7,107
Misc Sector	YOLO	AdvisorShares Pure Cannabis ETF	(20.2)	47.1	—	—	—	—	—	—	—	3.9	0.76	—	192
Foreign Lg Grwth	FDNI	First Trust Dow Jones Intl Intnt ETF	(20.0)	85.9	37.7	—	—	27.0	—	—	1.65	0.0	0.65	—	69
China Region	GXC	SPDR S&P China ETF	(19.8)	29.3	21.5	(18.7)	50.5	8.0	9.0	7.3	1.31	1.4	0.59	15	1,482
Misc Sector	ACES	ALPS Clean Energy ETF	(19.3)	140.1	51.5	—	—	43.2	—	—	2.37	0.7	0.55	—	875
Misc Region	ECH	iShares MSCI Chile ETF	(19.3)	(7.3)	(18.1)	(19.1)	42.6	(15.1)	(6.7)	(6.8)	2.00	5.5	0.57	62	425
Technology	ARKW	ARK Next Generation Internet ETF	(18.8)	157.1	35.8	4.5	87.2	41.5	40.9	—	2.34	0.2	0.83	—	3,801
Inv Eq Trading	HDGE	AdvisorShares Ranger Equity Bear ETF	(18.7)	(43.5)	(36.1)	7.1	(15.0)	(33.5)	(23.2)	(20.6)	1.83	0.0	5.20	—	74
Misc Sector	CNBS	Amplify Seymour Cannabis ETF	(18.6)	31.6	—	—	—	—	—	—	—	0.0	0.75	124	84
Eq Prec Metals	SIL	Global X Silver Miners ETF	(18.3)	41.0	34.3	(22.7)	1.0	15.6	3.9	(4.2)	2.60	1.6	0.65	20	1,046
Technology	ARKF	ARK Fintech Innovation ETF	(17.7)	107.9	—	—	—	—	—	—	—	0.0	0.75	—	2,212
Latin Amer Stock	EWZ	iShares MSCI Brazil ETF	(17.6)	(19.8)	26.7	(1.8)	21.9	(5.7)	0.1	(3.8)	2.54	9.9	0.57	17	4,793
Health	SBIO	ALPS Medical Breakthroughs ETF	(17.5)	21.2	49.9	(11.2)	45.0	14.4	14.0	—	1.88	0.0	0.50	—	183
Latin Amer Stock	FLBR	Franklin FTSE Brazil ETF	(17.3)	(19.4)	27.4	(0.9)	—	(5.3)	—	—	2.55	8.7	0.19	21	230
Misc Trading	VIXM	ProShares VIX Mid-Term Futures	(16.6)	72.7	(20.2)	25.2	(49.5)	4.7	(6.2)	(20.3)	3.01	0.0	0.98	—	113
Commdy Focused	PALL	Aberdeen Stand Phys PalladiumShrs ETF	(16.3)	22.2	49.9	18.9	55.3	15.3	23.1	11.3	2.20	0.0	0.60	—	358
Misc Trading	VXZ	iPath B S&P 500 VIX Md-Trm Futs ETN	(16.3)	73.1	(20.1)	—	—	5.0	—	—	3.00	0.0	0.89	—	47
Health	GNOM	Global X Genomics & Biotechnology ETF	(16.0)	51.6	—	—	—	—	—	—	—	0.0	0.50	—	248
China Region	KURE	KraneShares MSCI AllChina HlthCare ETF	(15.9)	67.3	34.0	—	—	23.6	—	—	1.69	0.0	0.65	45	149
Latin Amer Stock	EWZS	iShares MSCI Brazil Small-Cap ETF	(15.8)	(20.0)	50.7	(7.2)	51.1	0.5	7.3	(1.8)	2.82	4.6	0.59	40	102