

HV ETF Cutline Report: As of 8/4/2023

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
ITB	iShares DJ US Home Construction	Building and Constructi	22.94%	+192	7.48%	11.82%	16.39%	45.33	20	-1.39%
SMH	VanEch Vectors Semiconductor	Technology Equities	20.90%	+191	3.49%	5.05%	25.51%	52.02	22	-3.97%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	20.64%	+190	7.59%	12.29%	18.48%	39.04	19	-2.78%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	19.47%	+189	3.77%	5.37%	24.93%	47.43	20	-7.67%
IYW	Dow Jones US Technology	Technology Equities	19.15%	+188	1.29%	4.55%	15.52%	46.02	17	-7.11%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	17.11%	+187	1.58%	4.95%	14.46%	39.72	15	-7.91%
IGV	iShares North American Tech-Software	Technology Equities	16.29%	+186	2.06%	4.99%	16.64%	35.52	15	-22.35%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	15.74%	+185	1.43%	4.79%	12.82%	35.44	14	-54.89%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	15.60%	+184	1.00%	4.43%	11.88%	36.72	14	-11.00%
XLK	Technology Select *	Technology Equities	15.47%	+183	-0.03%	3.10%	13.39%	37.54	14	-5.05%
VGT	Vanguard Info Technology	Technolgy Equities	14.91%	+182	-0.01%	3.14%	12.94%	36.32	13	-6.58%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	14.54%	+181	2.51%	7.61%	15.73%	32.21	15	-18.58%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	14.54%	+180	1.29%	6.42%	16.05%	32.82	14	-18.86%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	14.51%	+179	1.71%	3.73%	12.14%	29.65	12	-2.38%
VOX	Vanguard Telecom Serv's	Communication Equitie	14.16%	+178	2.94%	5.66%	11.46%	33.08	13	-27.35%
VUG	Vanguard Growth	Large Cap Growth	14.14%	+177	1.05%	4.53%	11.60%	32.84	13	-13.07%
IWF	Russell 1000 Growth	Large Growth	13.20%	+176	1.46%	4.64%	11.19%	28.93	12	-10.76%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	11.76%	+175	5.15%	10.28%	15.60%	2.37	8	-22.01%
IYC	iShares US Consumer Services	Consumer Discretionar	11.16%	+174	1.51%	6.02%	12.07%	25.88	11	-74.12%
IYT	Dow Jones Transportation	Transportation Equities	11.07%	+173	3.17%	11.06%	15.03%	20.71	12	-7.93%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9.98%	+172	2.91%	5.74%	9.73%	20.01	10	-6.52%
IWW	S&P 500/BARRA Growth	Large Growth	9.95%	+171	1.48%	3.93%	8.83%	20.70	9	-16.74%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9.87%	+170	1.46%	3.59%	8.76%	20.66	9	-16.80%
SPYG	S&P 500 Growth	Large Cap Growth	9.85%	+169	1.46%	3.61%	8.79%	20.62	9	-16.82%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9.72%	+168	1.53%	3.98%	8.85%	20.15	9	-16.40%
VV	Vanguard LargeCap	Large Cap Blend	8.67%	+167	1.99%	4.00%	8.83%	17.41	8	-7.77%
EWZ	iShares Brazil Index	Latin America Stock	8.66%	+166	0.12%	1.46%	7.58%	14.62	6	-33.77%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	8.61%	+165	2.04%	4.17%	8.98%	17.17	8	-53.83%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	8.49%	+164	3.20%	4.96%	8.15%	16.41	8	-4.65%
IWB	Russell 1000 Index	Large Blend	8.48%	+163	1.99%	4.53%	9.05%	16.86	8	-7.55%
IVV	S&P 500	Large Blend	8.46%	+162	1.88%	4.31%	8.63%	16.89	8	-6.41%
SPY	SPDR S&P 500	Large Cap Blend	8.41%	+161	1.88%	3.93%	8.56%	16.83	8	-6.47%
SCHB	Schwab U.S. Broad Market	All Cap Equities	8.41%	+160	2.19%	4.23%	9.28%	16.69	8	-54.01%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	8.39%	+159	2.21%	4.60%	9.30%	16.65	8	-8.09%
IWV	Russell 3000 Index	All Cap Equities	8.38%	+158	2.17%	4.55%	9.20%	16.58	8	-7.83%
ILF	iShares S&P 40 Latin America	Latin America Stock	8.37%	+157	0.44%	1.31%	6.43%	18.52	7	-31.32%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	8.36%	+156	0.67%	1.07%	8.50%	26.34	9	-20.82%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8.33%	+155	1.86%	3.89%	8.52%	16.80	8	-6.57%
VTI	Total Stock Market VIPERs	All Cap Equities	8.30%	+154	2.23%	4.19%	9.15%	16.59	8	-8.26%
VIS	Vanguard Industrials	industrials Equities	8.11%	+153	2.29%	6.21%	11.09%	13.75	8	-2.28%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	8.00%	+152	4.12%	5.74%	13.04%	15.53	10	-23.25%

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GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	7.73%	+151	2.04%	4.20%	7.88%	15.58	7	-7.98%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	7.68%	+150	0.38%	-3.64%	3.35%	20.69	5	-6.56%
EWW	iShares Mexico Index	Latin America Stock	7.67%	+149	0.24%	-0.25%	1.03%	26.92	7	-3.98%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	7.57%	+148	7.15%	8.58%	9.74%	8.83	9	-23.76%
IWO	Russell 2000 Growth	Small Growth	7.09%	+147	3.46%	3.56%	10.48%	14.87	8	-26.80%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	7.02%	+146	1.62%	6.55%	9.73%	16.11	9	-14.70%
EWI	iShares Italy Index	Europe Stock	6.81%	+145	2.49%	6.25%	2.59%	19.27	8	-6.79%
IVE	S&P 500/BARRA Value	Large Value	6.78%	+144	2.36%	4.82%	8.40%	12.75	7	-1.91%
VBK	Vanguard SmallCap Growth	Small Cap Growth	6.66%	+143	2.44%	4.05%	9.03%	15.57	8	-24.21%
XLI	Industrial Select Sector *	Industrial Equities	6.54%	+142	1.92%	5.70%	9.91%	10.21	7	-2.27%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6.54%	+141	3.11%	5.61%	9.33%	12.25	8	-70.17%
PKW	PowerShares Buyback Achievers	All Cap Equities	6.49%	+140	4.86%	7.88%	11.47%	8.70	8	-5.21%
IYJ	Dow Jones US Industrial	Industrial Equities	6.46%	+139	2.09%	5.94%	9.61%	11.13	7	-44.45%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	6.46%	+138	11.73%	13.20%	18.00%	2.43	11	-10.21%
IWP	Russell MidCap Growth	Mid-Cap Growth	6.44%	+137	1.08%	4.02%	8.18%	15.19	7	-21.89%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	6.31%	+136	1.18%	4.46%	8.68%	14.42	7	-22.62%
IWM	Russell 2000	Small Blend	6.25%	+135	5.12%	4.94%	12.42%	11.36	8	-19.95%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	6.21%	+134	2.84%	4.75%	7.52%	2.07	4	-6.16%
VT	Vanguard Total World Stock Index	Global Equities	6.05%	+133	2.21%	2.64%	5.81%	13.61	6	-10.35%
ACWI	iShares MSCI ACWI	Global Equities	6.04%	+132	2.04%	3.20%	5.39%	13.85	6	-9.88%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5.95%	+131	3.96%	4.83%	11.82%	11.43	8	-59.02%
VB	Vanguard SmallCap	Small Cap Blend	5.90%	+130	3.60%	5.13%	11.11%	11.24	8	-14.71%
IJH	S&P MidCap 400	Mid-Cap Blend	5.73%	+129	3.11%	5.75%	10.35%	10.68	7	-7.85%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	5.71%	+128	5.08%	7.28%	6.03%	12.01	8	-29.86%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5.70%	+127	4.73%	4.55%	12.56%	9.82	8	-43.23%
MDY	MidCap Trust Series I	Mid-Cap Blend	5.69%	+126	3.09%	5.39%	10.24%	10.64	7	-7.75%
EWJ	iShares Japan Index	Japan Stock	5.68%	+125	0.23%	-0.71%	2.62%	13.48	4	-16.65%
FXN	1st Trust Energy AlphaDEX	Energy Equities	5.57%	+124	10.34%	12.21%	18.03%	1.11	10	-10.93%
INDA	iShares MSCI India	Emerging Markets Equi	5.55%	+123	0.99%	4.56%	6.56%	5.49	4	-13.29%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	5.49%	+122	15.49%	14.16%	6.73%	-6.51	7	-26.59%
GSG	iShares GSCI Commodity Index	Commodities.	5.46%	+121	7.84%	11.08%	12.77%	1.08	8	-18.53%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	5.36%	+120	2.75%	4.20%	7.72%	9.67	6	-2.15%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	5.36%	+119	2.27%	2.12%	3.89%	7.39	4	-5.75%
VBR	Vanguard SmallCap Value	Small Cap Value	5.34%	+118	4.51%	6.10%	12.71%	8.24	8	-7.45%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5.21%	+117	2.68%	-2.77%	9.38%	14.78	6	-32.62%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	5.19%	+116	2.52%	5.15%	9.26%	10.24	7	-13.26%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	5.11%	+115	0.96%	4.59%	6.28%	7.23	5	-15.48%
PIN	PowerShares India Portfolio	Emerging Markets Equi	5.08%	+114	1.44%	5.52%	8.27%	9.49	6	-55.84%
IWN	Russell 2000 Value	Small Value	5.05%	+113	6.52%	6.25%	14.18%	7.40	9	-15.80%
IJR	S&P Sm.Cap 600	Small Blend	5.02%	+112	5.06%	5.09%	12.59%	9.22	8	-14.09%
EWP	iShares Spain Index	Europe Stock	4.96%	+111	1.14%	3.24%	0.78%	17.20	6	-21.80%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4.96%	+110	2.04%	5.36%	8.54%	9.80	6	-66.95%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4.80%	+109	3.02%	5.77%	11.47%	8.89	7	-36.57%
EWN	iShares Netherlands Index	Europe Stock	4.74%	+108	2.15%	3.34%	3.83%	16.35	6	-19.43%

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ECH	iShares Chile Index	Latin America	4.63%	+107	-0.67%	1.64%	-1.85%	9.93	2	-46.98%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4.50%	+106	1.59%	4.79%	8.20%	9.09	6	-14.88%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	4.45%	+105	2.30%	3.47%	5.00%	7.40	5	-5.30%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4.44%	+104	-0.60%	3.26%	5.91%	11.30	5	-21.66%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4.40%	+103	0.83%	2.91%	6.02%	9.26	5	-23.75%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4.39%	+102	2.72%	5.56%	9.42%	6.94	6	-7.90%
XRT	SPDR S&P Retail *	Consumer Discretionar	4.38%	+101	4.48%	8.75%	9.84%	10.39	8	-35.94%
KIE	SPDR S&P Insurance	Specialty-Financial	4.37%	+100	4.31%	6.81%	7.75%	4.57	6	-54.36%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	4.18%	+99	4.27%	5.94%	10.47%	6.20	7	-56.94%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4.16%	+98	5.22%	5.45%	12.46%	8.42	8	-42.86%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	4.08%	+97	5.78%	7.06%	13.32%	5.55	8	-18.32%
IYF	Dow Jones US Financial Sector	Specialty-Financial	4.04%	+96	5.54%	6.70%	12.20%	4.07	7	-45.24%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4.04%	+95	3.92%	3.35%	5.24%	5.83	5	-4.68%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	4.00%	+94	6.27%	5.42%	13.09%	6.61	8	-64.51%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3.93%	+93	1.87%	0.87%	-0.55%	16.98	5	-8.27%
IWS	Russell MidCap Value	Mid-Cap Value	3.82%	+92	2.47%	5.70%	8.50%	6.59	6	-9.15%
IWD	Russell 1000 Value	Large Value	3.59%	+91	2.70%	4.38%	6.65%	5.74	5	-5.95%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	3.57%	+90	2.89%	2.20%	5.64%	8.31	5	-27.18%
RSP	Guggenheim S&P Equal Weight	Large Blend	3.56%	+89	1.90%	4.26%	6.94%	7.14	5	-7.83%
VDE	Vanguard Energy VIPERS	Energy Equities	3.55%	+88	7.98%	7.84%	12.28%	0.26	7	-7.80%
EWQ	iShares France Index	Europe Stock	3.51%	+87	2.39%	3.25%	-1.68%	14.95	5	-5.88%
EZU	European Monetary Union Index	Europe Stock	3.49%	+86	2.16%	2.69%	-0.66%	15.05	5	-11.88%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	3.46%	+85	2.43%	4.01%	4.00%	5.87	4	-3.48%
XLB	Materials Select Sector *	Materials	3.43%	+84	2.87%	5.78%	7.00%	7.58	6	-7.77%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	3.42%	+83	3.46%	-1.04%	3.38%	9.76	4	-22.20%
VAW	Vanguard Materials VIPERS	Materials	3.40%	+82	2.63%	5.44%	7.19%	7.96	6	-7.90%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3.38%	+81	2.37%	1.65%	2.63%	9.72	4	-20.57%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3.22%	+80	2.96%	2.25%	5.48%	7.18	4	-26.04%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3.14%	+79	7.08%	6.32%	3.78%	5.23	6	-23.07%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3.12%	+78	1.33%	-0.90%	2.16%	8.90	3	-18.19%
FXB	CurrencyShares British Pound	Currency	3.07%	+77	-0.65%	1.33%	2.34%	5.49	2	-15.77%
IGE	iShares North American Natural Resource	Commodity Producers	3.07%	+76	6.79%	7.23%	9.28%	1.40	6	-9.24%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	3.03%	+75	2.92%	3.67%	5.01%	4.44	4	-6.85%
VFH	Vanguard Financials	Financials Equities	2.97%	+74	5.08%	6.04%	12.36%	2.85	7	-16.37%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2.97%	+73	2.38%	1.62%	1.56%	9.34	4	-21.94%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	2.96%	+72	3.01%	2.22%	5.15%	6.93	4	-26.91%
EWL	iShares Switzerland Index	Europe Stock	2.94%	+71	3.58%	1.86%	-3.78%	10.95	3	-12.26%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	2.90%	+70	2.48%	0.93%	1.41%	9.22	4	-9.94%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2.84%	+69	2.39%	0.48%	1.42%	9.31	3	-16.04%
VXUS	Vanguard Total International Stock	Global Equities	2.83%	+68	2.22%	0.46%	1.36%	9.30	3	-16.25%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2.79%	+67	1.86%	-0.03%	0.20%	10.52	3	-12.83%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2.74%	+66	8.95%	8.13%	19.67%	0.71	9	-15.14%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2.74%	+65	1.97%	5.02%	7.57%	4.34	5	-7.87%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	2.74%	+64	3.05%	3.07%	0.18%	8.28	4	-16.60%

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EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	2.73%	+63	2.92%	1.71%	5.16%	6.97	4	-30.06%
VTV	Vanguard Value	Large Cap Value	2.73%	+62	3.06%	3.51%	5.73%	3.11	4	-4.03%
XLE	Energy Select Sector *	Energy Equities	2.72%	+61	7.59%	6.87%	10.70%	-0.63	6	-7.61%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	2.68%	+60	2.79%	5.29%	9.59%	2.17	5	-7.69%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2.68%	+59	1.88%	0.15%	0.28%	10.03	3	-13.57%
IXUS	iShares Core MSCI Total International Sto	Global Equities	2.63%	+58	2.25%	1.53%	0.78%	9.02	3	-16.46%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2.60%	+57	1.08%	-1.81%	7.92%	16.38	6	-31.03%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	2.60%	+56	1.88%	-0.99%	-1.46%	15.71	4	-3.55%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2.46%	+55	2.76%	4.36%	8.55%	5.00	5	-16.72%
ACWX	iShares MSCI ACWI ex US	Global Equities	2.43%	+54	2.19%	1.41%	0.57%	8.86	3	-16.25%
DBC	PowerShares DB Commodity Index	Commodities	2.40%	+53	6.40%	7.90%	7.85%	-0.81	5	-19.91%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2.36%	+52	7.43%	7.78%	10.70%	-1.38	6	-9.21%
XLF	Financial Select Sector *	Financial Equities	2.34%	+51	3.93%	5.31%	9.44%	2.08	5	-15.72%
VGK	Vanguard European	Europe Equities	2.34%	+50	2.60%	0.13%	-1.53%	11.09	3	-12.76%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2.30%	+49	1.78%	0.89%	-1.34%	9.93	3	-12.14%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2.27%	+48	1.95%	1.12%	-1.24%	9.54	3	-13.66%
EWG	iShares Germany Index	Europe Stock	2.26%	+47	1.99%	1.69%	-2.15%	14.15	4	-22.62%
IEV	S&P Europe 350 Index	Europe Stock	2.24%	+46	2.51%	1.70%	-2.18%	11.04	3	-9.81%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	2.21%	+45	2.67%	3.58%	5.31%	3.12	4	-8.24%
IYM	Dow Jones US Basic Mat's	Materials	2.09%	+44	1.99%	5.67%	5.75%	7.17	5	-13.19%
FXE	CurrencyShares Euro Currency Trust	Currency	2.08%	+43	0.36%	2.43%	1.40%	2.80	2	-15.69%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2.07%	+42	2.49%	3.73%	0.83%	2.23	2	-5.52%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	1.95%	+41	-0.34%	0.49%	4.29%	3.39	2	-51.77%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1.91%	+40	0.64%	-0.94%	-2.62%	11.38	2	-18.12%
FXI	iShares China 25 Index	China Equities	1.85%	+39	7.17%	4.71%	4.82%	2.93	5	-46.52%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	1.81%	+38	2.68%	2.25%	2.68%	4.61	3	-36.90%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1.80%	+37	1.35%	2.79%	1.14%	3.05	2	-8.32%
IAU	iShares Gold Trust	Precious Metals	1.75%	+36	0.85%	-1.00%	-3.52%	6.30	1	-6.72%
GLD	SPDR Gold Shares	Precious Metals	1.71%	+35	0.87%	-1.02%	-3.54%	6.22	1	-7.07%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1.59%	+34	3.21%	1.40%	4.62%	5.22	4	-33.22%
IXC	S&P Global Energy	Energy Equities	1.56%	+33	6.02%	5.62%	6.22%	0.26	5	-8.24%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1.45%	+32	1.95%	2.29%	-1.68%	2.46	1	-5.77%
EWK	iShares Belgium Index	Europe Stock	1.31%	+31	5.87%	4.62%	-0.80%	3.63	3	-19.99%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1.28%	+30	2.20%	1.13%	-1.12%	5.98	2	-24.30%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1.25%	+29	6.19%	3.32%	3.04%	-0.51	3	-6.39%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1.12%	+28	1.76%	-1.51%	-0.66%	11.44	3	-17.18%
VYM	Vanguard High Div. Yield Index	Large Cap Value	1.10%	+27	3.45%	3.22%	5.04%	0.28	3	-5.65%
SLV	iShares Silver Trust	Precious Metals	0.99%	+26	2.27%	-2.74%	-1.63%	-1.63	-1	-19.78%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	0.98%	+25	6.10%	5.72%	7.51%	-1.69	4	-9.52%
EWC	iShares Canada Index	Foreign Large Cap Equ	0.93%	+24	1.43%	2.11%	0.06%	6.39	2	-14.36%
RPV	Guggenheim S&P 500 Pure Value	Large Value	0.93%	+23	2.14%	4.52%	11.03%	1.74	5	-11.28%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	0.89%	+22	2.00%	4.50%	2.99%	-1.19	2	-25.58%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	0.88%	+21	1.97%	-1.19%	-1.31%	13.86	3	-18.77%
FTGC	First Trust Global Tactical Commodity Str	Commodities	0.87%	+20	5.37%	6.58%	7.05%	-1.47	4	-23.30%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	0.82%	+19	1.89%	1.84%	4.86%	1.16	2	-14.43%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	0.81%	+18	1.15%	0.82%	-1.82%	2.90	1	-9.70%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	0.79%	+17	1.73%	-1.50%	-2.79%	10.47	2	-15.25%
DJP	Bloomberg Commodity Index	Commodities	0.75%	+16	4.94%	6.64%	6.81%	-4.18	4	-21.60%
KBE	SPDR S&P Bank	Specialty-Financial	0.74%	+15	15.24%	11.56%	29.53%	-7.22	12	-30.66%
UUP	PowerShares DB US Dollar Bullish	Currency	0.68%	+14	0.21%	-0.67%	0.68%	1.73	0	-7.76%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0.65%	+13	1.44%	2.39%	-2.20%	-0.48	0	-5.44%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0.64%	+12	1.24%	-1.77%	-2.36%	6.25	1	-19.97%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	0.56%	+11	1.64%	-3.43%	-3.34%	12.63	2	-10.61%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0.49%	+10	1.95%	1.26%	1.21%	1.95	2	-26.90%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	0.48%	+9	4.44%	2.13%	3.58%	-2.97	2	-12.22%
EWU	iShares United Kingdom Index	Europe Stock	0.42%	+8	2.89%	0.59%	-2.62%	5.51	2	-14.60%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0.40%	+7	0.98%	0.11%	0.46%	1.93	1	-11.29%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	0.32%	+6	-0.14%	0.62%	0.91%	2.14	1	-10.46%
RWR	Wilshire REIT Fund	Real Estate	0.26%	+5	-0.23%	0.67%	1.94%	3.82	2	-25.93%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0.22%	+4	0.02%	-0.08%	0.18%	0.54	0	-0.96%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0.21%	+3	6.32%	3.81%	-1.28%	2.82	3	-31.39%
XLP	Consumer Staples Select *	Consumer Staples	0.18%	+2	1.62%	2.11%	-3.20%	0.13	0	-7.35%
VVOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0.03%	+1	1.61%	0.91%	0.50%	1.41	1	-25.74%
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VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0.00%	-1	0.81%	0.34%	-0.72%	0.73	0	-9.02%
XME	SPDR S&P Metals & Mining	Commodity Producers	-0.02%	-2	2.26%	6.91%	9.42%	3.73	6	-21.53%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-0.02%	-3	0.72%	-0.20%	0.61%	1.43	1	-11.17%
MCHI	iShares MSCI China	China Equities	-0.03%	-4	6.75%	5.41%	3.74%	0.95	4	-50.66%
SCHD	Schwab US Dividend Equity	All Cap Equities	-0.03%	-5	3.27%	3.39%	5.87%	-1.83	3	-9.49%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-0.03%	-6	-1.65%	1.20%	-2.68%	2.93	0	-85.43%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	-0.04%	-7	0.08%	0.00%	-0.20%	0.13	0	-1.16%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-0.06%	-8	2.64%	0.54%	-1.80%	-0.52	0	-31.38%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-0.07%	-9	-1.99%	-1.17%	-0.90%	5.14	0	-27.56%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-0.10%	-10	3.06%	2.82%	3.36%	-1.74	2	-6.81%
FLT	Fidelity Limited Term Bond	Corporate Bonds	-0.10%	-11	0.73%	0.12%	-1.03%	0.54	0	-8.79%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	-0.11%	-12	0.87%	-0.25%	-0.96%	1.35	0	-10.34%
RSX	Market Vectors Russia	Emerging Markets Equi	-0.12%	-13	0.00%	0.00%	0.00%	-0.53	0	-83.14%
IYH	Dow Jones US Healthcare	Specialty-Health	-0.13%	-14	2.24%	1.55%	-0.28%	-1.98	0	-7.88%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-0.17%	-15	2.64%	1.52%	0.16%	-2.54	0	-7.30%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-0.18%	-16	1.08%	-0.03%	0.27%	1.74	1	-71.81%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-0.19%	-17	3.81%	3.03%	0.92%	-3.13	1	-10.66%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	-0.19%	-18	0.70%	-0.04%	0.49%	1.32	1	-12.72%
BNDX	Vanguard Total International Bond	Total Bond Market	-0.19%	-19	0.56%	-0.39%	-0.84%	2.26	0	-18.10%
VHT	Vanguard Health Care	Health & Biotech Equiti	-0.20%	-20	2.23%	1.10%	-0.12%	-1.82	0	-8.96%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-0.22%	-21	1.08%	-0.09%	0.31%	1.39	1	-16.10%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	-0.23%	-22	3.34%	2.04%	4.44%	-0.95	2	-9.50%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	-0.24%	-23	0.81%	-0.02%	0.41%	0.86	1	-14.14%
BSV	Vanguard Short Term Bond	Total Bond Market	-0.30%	-24	0.64%	-0.16%	-1.45%	0.41	0	-9.26%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
SDY	SPDR Dividend ETF	Large Value	-0.38%	-25	3.24%	1.24%	2.40%	-0.56	2	-5.99%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-0.43%	-26	4.55%	7.22%	4.62%	0.06	4	-20.71%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-0.47%	-27	6.23%	6.11%	1.03%	1.68	4	-38.60%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-0.52%	-28	0.33%	-0.26%	-1.34%	-0.12	0	-6.60%
IYR	Dow Jones US Real Estate	Real Estate	-0.52%	-29	-1.04%	1.79%	1.88%	1.85	1	-26.17%
VGSH	Vanguard Short-Term Government	Government Bonds	-0.59%	-30	0.31%	-0.33%	-1.42%	-0.22	0	-7.46%
EWD	iShares Sweden Index	Europe Stock	-0.61%	-31	0.99%	-1.64%	-3.66%	7.36	1	-29.72%
PZA	Pshares Insured National Munis	National Munis	-0.63%	-32	-0.26%	-0.72%	-1.52%	1.66	0	-15.26%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-0.68%	-33	4.97%	4.99%	3.70%	-0.82	3	-13.37%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-0.77%	-34	0.78%	-0.38%	-1.98%	0.24	0	-13.22%
MUB	iShares S&P National Muni Bond	National Munis	-0.77%	-35	-0.25%	-0.55%	-1.18%	0.21	0	-10.34%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	-0.78%	-36	2.03%	-3.92%	-4.82%	6.97	0	-5.77%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-0.79%	-37	0.27%	-0.39%	-1.54%	-0.52	-1	-7.23%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreign Large Cap Equi	-0.84%	-38	1.87%	-4.14%	-3.40%	8.38	1	-12.54%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-0.89%	-39	0.70%	0.15%	0.73%	1.30	1	-26.74%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-0.95%	-40	2.49%	0.98%	0.44%	-0.31	1	-36.74%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	-1.03%	-41	0.99%	-0.36%	-1.93%	0.99	0	-19.44%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1.05%	-42	0.89%	-0.80%	-2.83%	0.10	-1	-14.24%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-1.09%	-43	0.27%	-0.49%	-1.53%	0.18	0	-28.55%
BBH	VanEck Vectors Biotech	Health & Biotech	-1.29%	-44	4.46%	0.92%	0.31%	-0.21	1	-27.79%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-1.38%	-45	-0.18%	0.34%	-2.17%	-2.86	-1	-10.59%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1.46%	-46	0.81%	-1.05%	-3.20%	-0.24	-1	-17.66%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-1.53%	-47	1.93%	2.47%	3.60%	-1.61	2	-11.91%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1.55%	-48	0.59%	-1.01%	-2.70%	0.03	-1	-18.64%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1.55%	-49	0.80%	-1.01%	-3.02%	0.22	-1	-21.08%
VNQ	Vanguard REIT Index	Real Estate	-1.57%	-50	-0.84%	0.42%	1.22%	0.67	0	-28.43%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	-1.58%	-51	0.50%	-1.05%	-2.76%	0.10	-1	-18.86%
SCHH	Schwab U.S. REIT	Real Estate	-1.62%	-52	-1.12%	0.16%	0.62%	0.36	0	-63.26%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	-1.63%	-53	0.41%	-1.10%	-2.24%	-0.04	-1	-20.09%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1.64%	-54	0.74%	-1.19%	-3.32%	-0.53	-1	-16.94%
BAB	PowerShares Build America Bond Portfoli	National Munis	-1.65%	-55	0.04%	-1.47%	-3.09%	1.40	-1	-24.74%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1.74%	-56	0.28%	-1.17%	-2.67%	-0.19	-1	-19.87%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-1.77%	-57	1.89%	-2.36%	-3.80%	3.49	0	-28.42%
EZA	iShares South Africa Index	Emerging Markets Equi	-1.79%	-58	6.42%	2.29%	5.82%	-2.22	3	-45.42%
ICF	Cohen & Steers Realty	Real Estate	-1.82%	-59	-1.63%	0.70%	0.37%	0.05	0	-56.44%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1.85%	-60	0.16%	-1.32%	-2.73%	-0.32	-1	-19.18%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1.86%	-61	0.22%	-1.30%	-2.76%	-0.31	-1	-20.05%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1.90%	-62	0.34%	-0.81%	-2.23%	0.45	-1	-23.90%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1.95%	-63	0.04%	-1.61%	-3.29%	-0.53	-1	-20.14%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2.02%	-64	-0.43%	-1.44%	-2.66%	-0.55	-1	-20.91%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-2.06%	-65	0.33%	-0.10%	3.06%	0.49	1	-23.83%
IYZ	Down Jones US Telecom	Commun. Equities	-2.09%	-66	0.18%	3.17%	3.71%	-1.47	1	-39.52%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-2.19%	-67	3.24%	1.77%	3.27%	-4.13	1	-10.54%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-2.21%	-68	-0.68%	-7.35%	-4.93%	-2.14	-4	-53.32%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
DVY	iShares Select Dividend Index	Large Cap Value	-2.29%	-69	2.18%	2.40%	3.16%	-4.21	1	-12.58%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-2.30%	-70	1.83%	1.79%	-0.91%	-0.38	1	-35.40%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	-2.35%	-71	4.40%	2.19%	2.26%	-4.44	1	-15.10%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-2.36%	-72	2.96%	2.07%	4.11%	-5.32	1	-10.65%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2.37%	-73	7.38%	6.10%	-1.29%	-6.35	1	-41.35%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	-2.46%	-74	1.89%	0.81%	3.65%	-3.63	1	-21.98%
EWA	iShares Australia Index	Asia Pacific Equities	-2.47%	-75	1.67%	0.49%	-1.83%	1.08	0	-17.93%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2.58%	-76	0.49%	-1.95%	-4.44%	-0.76	-2	-22.76%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2.68%	-77	0.65%	1.66%	2.16%	-5.09	0	-15.52%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-2.71%	-78	2.39%	-1.16%	-2.17%	-3.00	-1	-62.64%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-2.85%	-79	2.22%	0.76%	-3.13%	-1.84	0	-25.70%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2.98%	-80	-1.20%	-0.93%	0.00%	-9.20	-3	-49.12%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-3.00%	-81	1.22%	-3.70%	-3.21%	-1.86	-2	-18.17%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-3.05%	-82	0.84%	-1.10%	3.01%	-0.14	1	-26.37%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-3.08%	-83	-0.74%	-0.49%	-1.80%	-3.82	-2	-18.37%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-3.10%	-84	0.27%	-1.66%	2.27%	0.89	0	-27.08%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-3.18%	-85	2.03%	0.14%	-2.74%	-1.38	0	-21.81%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-3.19%	-86	3.03%	-7.67%	-6.15%	-10.84	-5	-59.07%
DOG	ProShares Short Dow 30	Bear Market	-3.21%	-87	-3.18%	-3.33%	-4.72%	-4.20	-4	-64.30%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-3.55%	-88	-0.50%	-1.79%	-3.25%	-0.25	-1	-33.14%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	-3.55%	-89	2.11%	-1.17%	-2.55%	-3.70	-1	-36.05%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-3.85%	-90	0.37%	-4.89%	-12.02%	3.14	-3	-33.62%
JXI	iShares S&P Global Utilities	Utilities Equities	-4.00%	-91	-2.43%	-3.12%	-7.78%	-4.04	-4	-14.45%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-4.12%	-92	0.26%	-4.27%	-12.42%	2.33	-4	-38.08%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4.17%	-93	2.45%	-2.37%	-3.77%	-4.63	-2	-40.78%
FXY	CurrencyShares Japanese Yen Trust	Currency	-4.38%	-94	0.00%	-1.77%	-4.53%	-7.86	-4	-32.25%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-4.47%	-95	1.43%	-4.95%	-11.03%	-0.25	-4	-44.48%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-4.61%	-96	-1.80%	-2.87%	-4.97%	-6.11	-4	-13.63%
BLV	Vanguard Long Term Bond	Long-Term Bond	-4.64%	-97	-1.23%	-3.22%	-4.97%	-1.28	-3	-39.16%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-4.74%	-98	17.10%	11.73%	33.52%	-17.33	11	-38.36%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-5.03%	-99	9.30%	6.49%	20.70%	-12.57	6	-40.42%
IDU	Dow Jones US Utilities	Utilities Equities	-5.05%	-100	-2.28%	-2.63%	-6.53%	-7.93	-5	-55.00%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-5.27%	-101	-1.33%	-4.24%	-6.71%	-2.39	-4	-38.73%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-5.44%	-102	4.04%	-1.29%	-5.54%	-9.34	-3	-32.99%
XLU	Utilities Select Sector *	Utilities Equities	-5.86%	-103	-2.14%	-3.62%	-7.30%	-9.23	-6	-18.09%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-6.04%	-104	-4.46%	0.04%	-0.54%	-3.72	-2	-52.09%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-6.06%	-105	-1.96%	-3.82%	-7.21%	-9.33	-6	-17.92%
RWM	ProShares Short Russell2000	Inverse Equities	-6.10%	-106	-4.32%	-4.90%	-11.20%	-10.04	-8	-64.93%
EWH	iShares Hong Kong Index	China Equities	-6.25%	-107	1.49%	-2.55%	-3.92%	-9.04	-4	-31.99%
TLT	iShares 20+ Treas. Bd	Government Bonds	-6.71%	-108	-2.57%	-5.29%	-7.42%	-3.04	-5	-43.74%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-7.42%	-109	-1.21%	-4.08%	-7.65%	-13.41	-7	-66.67%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-7.86%	-110	0.90%	-8.76%	-12.97%	-14.22	-9	-28.69%
SIL	Global X Silver Miners	Commodity Producers	-8.01%	-111	3.36%	-4.14%	-9.73%	-7.10	-4	-51.17%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-9.58%	-112	-4.15%	-7.94%	-9.77%	-4.73	-7	-55.76%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	-10.41%	-113	-4.87%	-8.11%	-9.83%	-5.45	-7	-56.54%
PSQ	ProShares Short QQQ	Inverse Equities	-15.59%	-114	-1.12%	-5.21%	-12.73%	-28.26	-12	-81.01%
HDGE	Ranger Equity Bear	Inverse Equities	-17.52%	-115	-8.14%	-11.51%	-23.20%	-27.79	-18	-81.51%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-28.45%	-116	3.06%	5.81%	11.83%	-45.05	-6	-52.35%
UNG	U.S. Natural Gas Fund	Oil & Gas	-30.57%	-117	1.31%	11.74%	4.67%	-50.71	-8	-92.13%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-77.63%	-118	-79.44%	-79.14%	-78.45%	-78.50	-79	-80.99%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-78.31%	-119	-79.34%	-79.05%	-78.89%	-79.48	-79	-85.92%