

HV International ETFs as of 09/05/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	1.29%	1.27%	2.46%	16.12%	6.34%	-0.21%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	1.89%	0.29%	1.24%	16.88%	5.28%	-5.84%
ACWI	iShares MSCI ACWI	Global Equities	4	1.41%	-1.53%	0.53%	14.54%	3.39%	-5.22%
VT	Vanguard Total World Stock Index	Global Equities	4	1.33%	-1.46%	0.96%	14.47%	3.47%	-6.02%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	4	2.33%	-0.88%	-0.53%	13.41%	2.77%	-4.18%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	2.24%	-0.88%	-0.37%	13.33%	2.69%	-5.19%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3	1.99%	-2.43%	-1.48%	12.23%	2.54%	-15.54%
IEV	S&P Europe 350 Index	Europe Stock	2	1.75%	-2.14%	-2.92%	9.79%	0.80%	-15.30%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	1.58%	-2.43%	-1.25%	8.91%	0.65%	-14.96%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	1.48%	-2.13%	-2.01%	9.42%	0.84%	-14.52%
EZU	European Monetary Union Index	Europe Stock	2	1.84%	-1.98%	-2.15%	10.27%	1.26%	-17.94%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	1.48%	-2.00%	-1.73%	9.62%	0.94%	-14.89%
VXUS	Vanguard Total International Stock	Global Equities	2	1.50%	-2.46%	-0.90%	9.13%	0.83%	-15.76%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	1.57%	-2.11%	-0.80%	10.03%	1.19%	-14.75%
VGK	Vanguard European	Europe Equities	2	1.73%	-2.23%	-2.16%	10.06%	1.04%	-15.72%
VEU	Vanguard FTSE All-World ex-US	Global Equities	2	1.55%	-2.58%	-0.96%	9.19%	0.80%	-15.49%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	1.52%	-2.12%	-0.54%	10.79%	1.63%	-13.59%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	1.36%	-2.49%	-1.41%	9.00%	0.55%	-15.68%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	1	1.65%	-3.70%	-0.27%	8.03%	-0.11%	-19.26%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	1	1.05%	-3.01%	-1.48%	8.11%	0.11%	-19.49%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1	1.57%	-2.28%	-0.32%	6.80%	0.07%	-16.83%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	1.12%	-4.63%	-2.48%	10.93%	0.27%	-10.26%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	1.04%	-2.14%	-1.78%	8.80%	0.07%	-18.51%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	1	1.49%	-4.10%	-0.78%	7.44%	-0.36%	-18.66%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	2.95%	-3.45%	-0.33%	5.30%	-1.50%	-19.88%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	1	0.95%	-3.00%	-1.52%	9.04%	0.09%	-18.87%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0	1.88%	-4.02%	-1.52%	4.71%	-1.67%	-21.25%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	1.96%	-4.09%	-1.18%	5.15%	-1.56%	-21.14%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	0	1.19%	-3.67%	-2.88%	4.37%	-1.96%	-19.52%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-1	-3.36%	-6.26%	-4.72%	8.87%	-0.51%	-21.24%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-2	1.12%	-4.37%	-5.23%	1.72%	-3.62%	-22.78%