

HV International ETFs as of 10/18/2018

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	-1	-3.75%	-1.67%	-1.03%	0.47%	-0.16%	-3.93%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-5	-5.61%	-4.48%	-5.92%	-5.26%	-4.66%	-8.85%
ACWI	iShares MSCI ACWI	Global Equities	-5	-6.32%	-4.11%	-4.95%	-3.00%	-4.20%	-9.81%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-5	-5.62%	-4.62%	-5.92%	-4.41%	-4.06%	-8.00%
VT	Vanguard Total World Stock Index	Global Equities	-6	-7.25%	-5.22%	-5.88%	-4.08%	-5.07%	-10.66%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-7	-7.09%	-4.18%	-6.81%	-9.47%	-8.03%	-15.22%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-7	-7.52%	-5.30%	-7.57%	-8.31%	-7.40%	-14.06%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-7	-6.31%	-3.30%	-6.22%	-10.96%	-8.43%	-17.48%
ACWX	iShares MSCI ACWI ex US	Global Equities	-8	-7.84%	-5.94%	-8.48%	-11.25%	-9.51%	-17.51%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-8	-7.61%	-5.30%	-7.70%	-9.86%	-8.47%	-15.77%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-8	-8.87%	-7.13%	-8.80%	-8.72%	-8.40%	-14.04%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-8	-7.75%	-5.40%	-7.82%	-9.59%	-8.54%	-15.65%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-8	-7.54%	-4.99%	-7.24%	-10.59%	-8.63%	-16.58%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-8	-8.01%	-5.69%	-7.91%	-10.16%	-8.59%	-15.83%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-8	-7.63%	-5.84%	-8.59%	-10.97%	-9.51%	-17.30%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-9	-7.66%	-7.60%	-9.29%	-11.74%	-9.72%	-16.14%
VGK	Vanguard European	Europe Equities	-9	-8.92%	-6.86%	-9.17%	-11.56%	-9.91%	-17.61%
VEU	Vanguard FTSE All-World ex-US	Global Equities	-9	-8.16%	-6.31%	-9.00%	-11.53%	-9.76%	-17.80%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-9	-8.75%	-6.43%	-9.10%	-10.37%	-10.01%	-16.45%
VXUS	Vanguard Total International Stock	Global Equities	-9	-8.26%	-6.59%	-9.29%	-11.69%	-10.06%	-17.98%
IEV	S&P Europe 350 Index	Europe Stock	-9	-8.33%	-6.30%	-8.71%	-11.24%	-9.52%	-17.27%
EZU	European Monetary Union Index	Europe Stock	-10	-9.55%	-7.59%	-10.17%	-12.47%	-11.37%	-19.40%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-10	-8.76%	-7.02%	-10.03%	-12.48%	-10.75%	-19.41%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-10	-5.64%	-6.52%	-8.68%	-18.66%	-14.51%	-25.48%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	-10	-9.00%	-8.18%	-10.96%	-13.00%	-11.60%	-18.41%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-10	-7.61%	-6.92%	-11.09%	-14.78%	-12.84%	-23.39%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-11	-8.64%	-7.90%	-11.85%	-16.59%	-14.14%	-24.29%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-11	-8.67%	-7.70%	-11.74%	-16.60%	-14.04%	-24.54%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-12	-9.34%	-9.19%	-13.60%	-17.80%	-15.32%	-25.97%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-13	-10.84%	-10.27%	-13.20%	-17.07%	-15.11%	-24.24%