

HV International ETFs as of 11/21/2018

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	1.43%	-3.66%	-3.24%	0.08%	-0.47%	-4.31%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-5	2.13%	-7.11%	-6.92%	-6.23%	-4.96%	-9.79%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-5	2.04%	-7.35%	-7.18%	-5.60%	-4.68%	-9.15%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-5	5.24%	-4.86%	-7.55%	-12.35%	-8.04%	-21.20%
ACWI	iShares MSCI ACWI	Global Equities	-6	0.70%	-8.79%	-9.08%	-5.81%	-6.13%	-12.43%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-6	4.77%	-6.49%	-8.82%	-14.66%	-9.63%	-22.79%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-6	3.49%	-6.93%	-9.41%	-11.19%	-7.64%	-15.62%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-6	2.45%	-5.59%	-4.02%	-17.84%	-10.85%	-24.73%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-6	4.63%	-6.40%	-8.74%	-14.69%	-9.79%	-22.57%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-6	5.41%	-5.20%	-9.09%	-15.05%	-9.92%	-23.50%
VT	Vanguard Total World Stock Index	Global Equities	-6	1.15%	-8.95%	-9.83%	-6.76%	-6.78%	-13.16%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-7	5.41%	-7.96%	-10.49%	-14.64%	-10.31%	-22.02%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-7	1.52%	-9.87%	-8.90%	-11.84%	-8.82%	-17.44%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-7	1.82%	-9.46%	-9.25%	-11.55%	-8.59%	-17.36%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-7	1.63%	-8.36%	-7.14%	-12.79%	-8.45%	-19.17%
ACWX	iShares MSCI ACWI ex US	Global Equities	-7	2.37%	-8.55%	-8.94%	-11.95%	-8.50%	-18.16%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-7	2.24%	-8.86%	-9.70%	-12.59%	-9.05%	-18.78%
VXUS	Vanguard Total International Stock	Global Equities	-7	2.21%	-9.04%	-10.06%	-12.81%	-9.41%	-19.03%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-7	2.07%	-9.06%	-9.56%	-12.29%	-9.11%	-18.52%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-7	1.82%	-9.25%	-9.02%	-12.29%	-8.65%	-18.17%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-7	1.43%	-9.72%	-9.51%	-10.30%	-8.04%	-15.93%
VGK	Vanguard European	Europe Equities	-8	1.53%	-10.43%	-11.10%	-13.47%	-10.10%	-19.39%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-8	1.39%	-9.95%	-10.12%	-12.28%	-9.13%	-17.82%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-8	1.44%	-10.13%	-9.88%	-11.80%	-9.19%	-17.72%
IEV	S&P Europe 350 Index	Europe Stock	-8	1.78%	-9.79%	-10.03%	-12.67%	-9.28%	-18.62%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-8	1.42%	-11.06%	-11.38%	-10.73%	-9.07%	-15.93%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-9	1.37%	-10.80%	-11.41%	-14.39%	-10.75%	-21.17%
EZU	European Monetary Union Index	Europe Stock	-9	1.65%	-11.56%	-12.35%	-14.62%	-11.57%	-21.38%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-10	1.35%	-10.97%	-12.93%	-15.55%	-12.32%	-20.80%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-10	-0.04%	-12.78%	-12.86%	-14.60%	-12.56%	-20.39%