

HV International ETFs as of 10/25/2018

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	-3	-4.72%	-3.76%	-2.26%	-0.96%	-1.55%	-5.31%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-7	-8.14%	-6.65%	-7.15%	-6.87%	-6.08%	-10.41%
ACWI	iShares MSCI ACWI	Global Equities	-7	-8.13%	-7.63%	-6.44%	-5.13%	-6.11%	-11.80%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-7	-8.13%	-6.75%	-7.21%	-6.07%	-5.55%	-9.60%
VT	Vanguard Total World Stock Index	Global Equities	-8	-8.57%	-8.61%	-7.48%	-6.29%	-7.04%	-12.72%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-9	-8.73%	-6.55%	-8.02%	-13.22%	-10.37%	-19.57%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-9	-6.52%	-2.62%	-9.49%	-19.08%	-14.33%	-25.86%
ACWX	iShares MSCI ACWI ex US	Global Equities	-10	-9.42%	-8.72%	-9.29%	-12.83%	-10.75%	-18.98%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-10	-9.77%	-8.88%	-9.15%	-12.03%	-10.33%	-17.81%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-10	-10.03%	-9.34%	-9.47%	-12.04%	-10.68%	-17.94%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-10	-9.58%	-8.49%	-9.10%	-12.89%	-10.60%	-18.72%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-10	-9.96%	-9.56%	-9.59%	-12.53%	-10.65%	-18.05%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-10	-10.15%	-8.44%	-8.64%	-12.21%	-10.49%	-17.79%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-10	-9.80%	-8.96%	-9.10%	-10.57%	-9.38%	-16.18%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-10	-8.09%	-7.66%	-10.10%	-14.96%	-12.53%	-23.55%
VGK	Vanguard European	Europe Equities	-11	-10.19%	-10.37%	-10.57%	-13.61%	-11.62%	-19.51%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-11	-9.58%	-9.37%	-9.97%	-13.40%	-11.28%	-19.53%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-11	-10.80%	-10.87%	-10.11%	-10.90%	-10.29%	-16.10%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-11	-9.49%	-10.90%	-10.39%	-13.79%	-11.48%	-18.09%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-11	-10.23%	-10.10%	-11.15%	-14.25%	-12.13%	-21.04%
VXUS	Vanguard Total International Stock	Global Equities	-11	-9.76%	-9.75%	-10.45%	-13.61%	-11.63%	-19.76%
IEV	S&P Europe 350 Index	Europe Stock	-11	-9.97%	-9.58%	-9.89%	-13.10%	-11.04%	-19.01%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-11	-9.83%	-9.29%	-9.92%	-13.21%	-11.41%	-19.38%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-12	-11.24%	-11.48%	-11.61%	-13.72%	-13.03%	-19.57%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-12	-9.48%	-9.13%	-11.10%	-17.10%	-14.15%	-24.76%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-12	-9.47%	-8.92%	-10.83%	-16.98%	-13.91%	-24.88%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-12	-8.63%	-9.72%	-12.43%	-17.88%	-14.86%	-26.05%
EZU	European Monetary Union Index	Europe Stock	-12	-11.09%	-11.32%	-11.64%	-14.62%	-13.12%	-21.38%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-13	-11.36%	-11.58%	-11.77%	-17.49%	-15.03%	-24.62%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-13	-10.73%	-12.52%	-13.09%	-15.77%	-14.03%	-21.01%