

HV International ETFs as of 10/17/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FEZ	SPDR Euro Stoxx 50	Europe Stock	7	1.92%	6.57%	2.13%	16.53%	4.64%	-12.30%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	0.63%	2.27%	2.83%	17.11%	5.03%	0.00%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	6	0.40%	5.56%	1.60%	16.34%	3.63%	-1.70%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	0.37%	3.37%	1.28%	18.05%	4.10%	-4.90%
EZU	European Monetary Union Index	Europe Stock	6	1.73%	6.55%	1.68%	14.09%	3.32%	-15.09%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	6	2.06%	6.52%	2.40%	13.55%	3.17%	-14.96%
SCHF	Schwab International Equity	Foreign Large Cap Equ	6	0.81%	5.75%	1.57%	14.22%	3.25%	-10.92%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	6	0.50%	5.62%	1.79%	16.47%	3.71%	-2.56%
IEV	S&P Europe 350 Index	Europe Stock	5	1.26%	5.45%	1.36%	12.81%	2.23%	-12.98%
ACWI	iShares MSCI ACWI	Global Equities	5	0.27%	3.85%	0.30%	16.44%	3.19%	-3.65%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	0.73%	5.47%	0.45%	11.70%	1.99%	-12.78%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	5	0.90%	5.67%	1.42%	12.79%	2.61%	-11.89%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	1.01%	5.87%	1.70%	13.18%	2.86%	-12.13%
VT	Vanguard Total World Stock Index	Global Equities	5	-0.30%	3.40%	-0.24%	15.80%	2.81%	-4.93%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	5	0.27%	6.48%	1.59%	10.61%	2.66%	-13.86%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5	0.80%	5.50%	0.34%	12.13%	1.79%	-16.57%
VGK	Vanguard European	Europe Equities	5	0.72%	5.02%	0.81%	12.71%	2.14%	-13.69%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	0.22%	5.16%	0.80%	12.61%	2.26%	-12.74%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	0.86%	5.54%	0.62%	11.99%	2.06%	-13.37%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4	1.21%	7.95%	1.55%	6.92%	0.91%	-18.83%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	4	0.35%	4.73%	-0.40%	10.34%	1.20%	-17.83%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	4	1.52%	6.46%	-0.96%	8.04%	0.50%	-18.97%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	4	1.52%	6.23%	-1.09%	7.34%	0.22%	-19.27%
VEU	Vanguard FTSE All-World ex-US	Global Equities	4	0.30%	5.08%	0.08%	11.58%	1.80%	-13.64%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	4	1.80%	5.92%	-1.11%	10.28%	1.29%	-16.51%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	4	1.72%	6.26%	-1.19%	8.15%	0.48%	-17.71%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	0.00%	6.14%	0.65%	7.89%	0.73%	-16.81%
VXUS	Vanguard Total International Stock	Global Equities	4	0.48%	5.08%	0.36%	11.61%	1.92%	-13.85%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	0.19%	4.19%	-2.51%	8.95%	-0.17%	-18.58%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	2	-0.24%	3.07%	-4.49%	11.40%	-0.51%	-9.88%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	0.86%	-2.90%	-6.33%	7.46%	-2.42%	-22.27%