

HV International ETFs as of 05/16/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	-0.71%	1.12%	4.21%	13.99%	4.44%	-8.18%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	-1.49%	1.13%	5.07%	13.44%	4.37%	-14.63%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	4	0.89%	0.85%	2.90%	10.50%	4.17%	-0.52%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	4	-1.74%	0.96%	3.50%	13.51%	3.38%	-4.09%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	-1.68%	1.00%	3.61%	13.56%	3.40%	-4.99%
IEV	S&P Europe 350 Index	Europe Stock	3	-2.01%	-0.41%	3.41%	12.37%	3.09%	-13.31%
ACWI	iShares MSCI ACWI	Global Equities	3	-2.14%	-0.43%	2.50%	13.06%	2.84%	-6.45%
VT	Vanguard Total World Stock Index	Global Equities	3	-1.98%	-0.66%	2.02%	12.65%	2.40%	-7.51%
VGK	Vanguard European	Europe Equities	3	-2.18%	-0.98%	2.68%	11.81%	2.40%	-14.38%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3	-2.20%	-0.56%	2.02%	10.92%	1.91%	-13.36%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3	-2.67%	-0.50%	1.09%	12.11%	3.22%	-9.30%
EZU	European Monetary Union Index	Europe Stock	3	-2.40%	-0.03%	3.81%	12.55%	2.74%	-16.24%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	-2.32%	-0.73%	1.90%	10.93%	1.57%	-13.88%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-2.69%	-0.67%	1.57%	11.13%	0.29%	-16.77%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	-2.67%	-1.54%	0.62%	10.24%	0.80%	-14.58%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	-2.64%	-1.04%	1.26%	10.62%	0.60%	-13.73%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	-3.07%	-1.59%	0.19%	10.52%	-1.08%	-17.77%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1	-1.22%	-1.94%	-1.53%	8.26%	1.22%	-21.69%
IXUS	iShares Core MSCI Total International Stock	Global Equities	1	-3.53%	-1.89%	0.65%	9.78%	0.98%	-15.08%
VXUS	Vanguard Total International Stock	Global Equities	1	-3.59%	-2.11%	0.37%	9.25%	0.68%	-15.66%
VEU	Vanguard FTSE All-World ex-US	Global Equities	1	-3.60%	-2.12%	0.38%	9.37%	0.82%	-15.35%
ACWX	iShares MSCI ACWI ex US	Global Equities	1	-3.67%	-2.03%	0.55%	9.44%	1.14%	-14.55%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	1	-3.86%	-2.39%	-0.26%	8.81%	-1.05%	-18.97%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	0	-4.18%	-2.25%	-0.81%	7.57%	-0.82%	-17.06%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	-3.86%	-2.37%	-0.04%	7.30%	-0.73%	-18.55%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-1	-6.64%	-4.51%	-1.26%	6.97%	-0.05%	-19.02%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-1	-3.72%	-2.88%	-2.26%	6.23%	-2.10%	-17.26%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2	-7.77%	-5.24%	-2.43%	6.36%	-0.72%	-19.08%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-2	-7.18%	-5.33%	-1.26%	7.22%	0.35%	-19.87%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-3	-7.83%	-6.12%	-3.44%	4.81%	-1.79%	-21.17%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-3	-7.92%	-6.13%	-3.62%	5.04%	-1.70%	-21.22%