

HV International ETFs as of 12/15/2016

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	5	4.93%	4.85%	5.64%	3.50%	8.26%	-1.51%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	5	4.85%	4.76%	5.52%	3.94%	8.26%	-1.97%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	4	4.98%	3.69%	2.88%	5.44%	6.15%	-1.57%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	3	4.09%	3.73%	2.46%	2.90%	5.79%	-2.23%
VT	Vanguard Total World Stock Index	Global Equities	3	2.92%	2.56%	0.80%	7.19%	4.27%	-1.12%
ACWI	iShares MSCI ACWI	Global Equities	3	2.85%	2.57%	0.71%	7.42%	4.30%	-1.06%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	1.09%	-2.53%	-2.72%	6.33%	1.19%	-3.82%
SCHF	Schwab International Equity	Foreign Large Cap Equi	1	2.46%	-0.21%	-2.58%	2.90%	2.17%	-2.81%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1	1.10%	-1.26%	-2.53%	5.26%	3.42%	-2.53%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	1	1.29%	-5.75%	-6.15%	12.66%	1.18%	-6.51%
VEU	Vanguard FTSE All-World ex-US	Global Equities	0	2.28%	-1.38%	-3.26%	2.44%	1.20%	-4.10%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	0	0.69%	-1.35%	-4.94%	5.67%	-1.96%	-6.26%
FEZ	SPDR Euro Stoxx 50	Europe Stock	0	4.34%	0.73%	-0.66%	-4.39%	1.27%	-9.11%
ACWX	iShares MSCI ACWI ex US	Global Equities	0	2.14%	-1.29%	-3.36%	2.47%	1.16%	-3.54%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0	2.28%	-0.60%	-2.83%	0.00%	1.09%	-3.75%
IXUS	iShares Core MSCI Total International Stock	Global Equities	0	2.17%	-1.78%	-3.64%	2.73%	0.96%	-4.04%
VXUS	Vanguard Total International Stock	Global Equities	0	2.13%	-1.35%	-3.39%	2.24%	0.97%	-4.10%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	0	1.13%	-5.78%	-6.10%	9.63%	0.07%	-7.48%
EZU	European Monetary Union Index	Europe Stock	0	3.93%	-0.18%	-1.87%	-2.54%	0.95%	-6.87%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-1	1.61%	-6.12%	-7.35%	9.69%	0.22%	-7.59%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	-1	2.24%	-0.39%	-2.79%	-1.07%	0.94%	-5.22%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	-1	1.54%	-5.97%	-7.15%	9.14%	0.27%	-7.15%
IEV	S&P Europe 350 Index	Europe Stock	-1	3.46%	-0.08%	-3.09%	-3.81%	-0.27%	-7.99%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	-1	1.97%	-0.94%	-3.32%	-0.90%	0.67%	-4.57%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	-2	-3.33%	-1.28%	-2.64%	-0.76%	-1.29%	-6.37%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2	0.52%	-6.34%	-8.63%	5.09%	-0.30%	-8.63%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-2	0.38%	-3.74%	-5.49%	-0.44%	-1.16%	-5.89%
VGK	Vanguard European	Europe Equities	-2	2.87%	-0.57%	-3.76%	-4.99%	-1.01%	-8.58%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	-2	0.77%	-3.87%	-5.51%	1.85%	-1.15%	-5.89%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	-5	0.22%	-4.84%	-8.44%	-5.66%	-4.05%	-8.47%