

HV International ETFs as of 12/21/2017

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	10	0.46%	3.07%	5.61%	32.56%	9.01%	-1.61%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	10	-4.18%	1.26%	5.00%	36.56%	6.90%	-4.28%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	8	-3.15%	1.40%	4.27%	31.12%	6.19%	-3.42%
VVO	Vanguard Emerging Markets	Emerging Markets Equit	8	-1.18%	1.95%	4.47%	25.94%	5.74%	-1.55%
VT	Vanguard Total World Stock Index	Global Equities	8	0.98%	3.18%	5.18%	21.26%	6.83%	-0.79%
ACWI	iShares MSCI ACWI	Global Equities	8	0.80%	3.11%	5.08%	21.55%	6.92%	-0.98%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	-1.41%	2.46%	6.03%	23.97%	6.89%	-1.87%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	8	-3.35%	1.39%	4.09%	31.71%	6.29%	-3.56%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	8	-0.53%	2.23%	4.21%	25.95%	6.13%	-0.58%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	-0.06%	2.30%	3.46%	27.71%	6.95%	-0.89%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	-1.14%	1.45%	3.15%	22.97%	5.44%	-1.14%
EZU	European Monetary Union Index	Europe Stock	7	-0.73%	0.18%	1.42%	25.75%	4.82%	-1.36%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	7	-0.47%	1.47%	2.84%	22.38%	5.21%	-1.22%
VXUS	Vanguard Total International Stock	Global Equities	7	-0.69%	1.75%	3.45%	22.71%	5.47%	-0.78%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	-0.54%	1.76%	3.06%	21.73%	5.33%	-1.02%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	-1.27%	1.37%	2.97%	23.51%	5.41%	-1.27%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	7	-2.83%	0.77%	3.19%	27.37%	5.35%	-3.11%
VEU	Vanguard FTSE All-World ex-US	Global Equities	7	-0.64%	1.86%	3.51%	22.70%	5.48%	-0.77%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	6	-1.35%	1.00%	2.20%	24.06%	5.09%	-1.35%
VGK	Vanguard European	Europe Equities	6	0.09%	1.22%	1.52%	22.55%	4.50%	-0.47%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	6	-0.58%	1.32%	2.72%	21.13%	4.83%	-1.23%
IEV	S&P Europe 350 Index	Europe Stock	6	-0.25%	0.81%	1.16%	21.26%	3.98%	-0.74%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	6	-0.11%	1.58%	2.88%	20.09%	5.40%	-0.29%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	-1.79%	0.92%	2.34%	19.13%	2.81%	-2.22%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	5	1.04%	1.25%	4.45%	15.05%	5.02%	-0.40%
SCHF	Schwab International Equity	Foreign Large Cap Equi	5	-2.03%	0.15%	1.65%	22.15%	4.38%	-2.03%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	-1.27%	-0.58%	0.59%	22.65%	3.67%	-2.03%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	0.26%	1.61%	3.22%	15.36%	3.86%	-1.55%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	4	-0.16%	0.06%	3.11%	13.47%	3.77%	-1.49%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	4	-0.38%	0.57%	1.22%	16.30%	3.63%	-1.47%