

# HV International ETFs as of 12/28/2017

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	10	1.38%	0.80%	2.52%	33.38%	7.61%	-1.75%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	10	1.74%	0.69%	2.27%	33.96%	7.69%	-1.90%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	10	1.01%	3.57%	4.09%	33.20%	9.07%	-1.14%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	10	0.49%	-0.18%	2.74%	38.36%	7.83%	-3.01%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	9	2.72%	1.80%	2.58%	27.70%	6.88%	-0.17%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	9	1.26%	2.16%	4.24%	29.25%	7.80%	0.00%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	8	0.97%	1.53%	3.01%	26.32%	6.64%	0.00%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	-0.03%	1.15%	6.07%	25.12%	7.52%	-0.95%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	8	0.98%	1.56%	4.03%	26.72%	6.38%	0.00%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	8	0.98%	0.47%	1.24%	28.99%	6.34%	-1.87%
ACWI	iShares MSCI ACWI	Global Equities	7	0.61%	2.33%	3.84%	21.95%	6.91%	-0.65%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	0.81%	0.71%	2.61%	23.89%	5.88%	-0.40%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	7	0.26%	0.79%	2.85%	23.07%	5.46%	-0.66%
VXUS	Vanguard Total International Stock	Global Equities	7	0.91%	1.00%	3.05%	23.58%	5.88%	-0.07%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	0.65%	1.08%	3.32%	22.74%	5.86%	-0.20%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	0.70%	0.86%	2.77%	24.76%	6.12%	-0.27%
VT	Vanguard Total World Stock Index	Global Equities	7	1.09%	2.66%	4.13%	21.93%	7.07%	-0.24%
VGK	Vanguard European	Europe Equities	7	0.94%	0.73%	1.56%	23.32%	4.80%	0.00%
VEU	Vanguard FTSE All-World ex-US	Global Equities	7	1.05%	1.13%	3.23%	23.70%	5.99%	0.00%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	6	0.21%	0.50%	2.60%	21.70%	5.00%	-0.76%
IEV	S&P Europe 350 Index	Europe Stock	6	0.51%	0.19%	1.05%	21.82%	4.15%	-0.27%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	0.48%	0.95%	3.18%	20.70%	3.98%	-0.93%
EZU	European Monetary Union Index	Europe Stock	6	-0.57%	-1.45%	0.67%	25.64%	4.33%	-1.45%
SCHF	Schwab International Equity	Foreign Large Cap Equi	6	-0.82%	-0.58%	1.70%	23.05%	4.81%	-1.30%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	6	0.76%	0.62%	2.88%	20.78%	5.68%	0.00%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	-0.32%	2.02%	2.88%	16.09%	4.30%	-0.93%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	4	0.13%	-1.06%	1.85%	13.90%	3.71%	-1.39%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	-1.28%	-2.46%	-0.70%	22.12%	2.90%	-2.46%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	4	0.03%	-1.18%	1.73%	13.47%	3.56%	-1.49%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	4	-0.38%	-0.23%	1.38%	16.80%	3.84%	-1.04%