

# HV International ETFs as of 11/14/2019

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 Equ	9	2.90%	3.31%	8.62%	19.71%	5.44%	-0.95%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	2.22%	4.18%	8.93%	19.12%	5.69%	-10.36%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	9	2.86%	3.38%	8.64%	19.80%	5.48%	-0.90%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	8	2.39%	3.42%	8.40%	15.89%	4.44%	-10.02%
ACWI	iShares MSCI ACWI	Global Equities	8	2.90%	3.18%	6.87%	19.83%	5.12%	-0.85%
VT	Vanguard Total World Stock Index	Global Equities	8	3.02%	2.71%	6.52%	19.29%	4.91%	-2.06%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	8	2.87%	3.25%	6.34%	21.44%	5.70%	-2.17%
EZU	European Monetary Union Index	Europe Stock	8	1.88%	3.64%	8.55%	16.23%	4.30%	-13.50%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	2.31%	4.42%	8.98%	16.17%	4.76%	-12.99%
SCHF	Schwab International Equity	Foreign Large Cap Equ	8	2.53%	3.36%	8.43%	17.11%	4.92%	-8.67%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	8	2.91%	3.74%	8.57%	15.40%	4.11%	-14.14%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	2.07%	2.82%	7.65%	14.01%	3.42%	-10.98%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	2.40%	3.32%	8.21%	15.50%	4.22%	-9.78%
IEV	S&P Europe 350 Index	Europe Stock	7	2.40%	3.69%	7.98%	15.52%	3.84%	-10.89%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	7	2.30%	2.60%	7.50%	14.15%	3.47%	-11.65%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	2.11%	2.98%	7.77%	14.35%	3.53%	-11.54%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	2.92%	3.20%	9.59%	13.84%	5.00%	-11.34%
VGK	Vanguard European	Europe Equities	7	2.35%	3.09%	7.49%	15.36%	3.72%	-11.66%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	2.58%	2.81%	7.88%	15.53%	4.14%	-10.48%
VXUS	Vanguard Total International Stock	Global Equities	7	2.16%	2.65%	7.36%	14.02%	3.46%	-11.98%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	6	2.35%	2.71%	7.20%	12.94%	3.03%	-15.90%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	6	2.13%	3.37%	10.25%	9.20%	2.75%	-17.11%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	6	1.12%	2.94%	7.10%	11.52%	2.00%	-15.57%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	2.17%	2.17%	8.44%	10.23%	2.59%	-15.00%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	1.60%	3.15%	7.93%	9.06%	1.65%	-17.98%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	5	1.40%	2.93%	7.95%	9.55%	1.72%	-17.84%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	5	1.40%	3.14%	7.75%	9.66%	1.59%	-16.56%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	-0.14%	0.50%	2.13%	16.95%	3.66%	-0.82%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	5	1.18%	1.38%	5.42%	10.24%	0.71%	-17.61%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	1.12%	0.88%	4.23%	12.65%	0.08%	-8.87%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	3	2.06%	2.94%	-0.90%	9.67%	-0.50%	-20.66%