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About the ETFG ETP Weekly Select List

The ETF Global Weekly ETF Select List has been designed to support both Financial Professionals and Investors with their respective Exchange-Traded-Fund selection processes. Once the investor's risk tolerance, investment goals and resulting asset-allocation have been determined, the ETFG Weekly ETF Select List points to the highest-rated ETFs to fit the investment needs and goals of that specific portfolio.

Developed by the Research team at ETF Global, the ETFG Weekly ETF Select List features the 5 most highly rated ETFs by Sector, Geographic Region and Strategy as ranked by the ETFG Quant model. This weekly reference guide enables you to quickly and easily identify ETFs which meet your chosen criteria. Because the list highlights just five ETFs per category and the ETFG Quant model is cross-sectional in its rankings, each ETF on the list has earned its respective spot by achieving the highest relative scoring versus its eligible peer group. The universe of equity ETFs reviewed by ETFG Quant represents the broadest range of industry groups, sectors and geographic regions.

- The selection pool includes all U.S. listed, equity ETFs, excluding levered and inverse funds
- The ETFG Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics.
- ETFG Quant has four primary drivers: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality
- Selection is performed prior to trading on Monday of each week

To best support the ETF selection process, ETF Global strongly encourages viewers to perform a more comprehensive review of the overall ETFG Quant rankings and to utilize the additional tools and resources available at www.etfg.com to further research and diligence exchange-traded-funds.

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Equity ETF Select List - Sectors



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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	MATF	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	5.45	6.89	60.20
2	JHMA	John Hancock Multifactor Materials ETF	Basic Materials	North America	0.50%	4.47	6.88	59.90
3	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	4.92	5.84	57.10
4	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	3.13	6.41	56.70
5	GDX	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.51%	4.99	5.38	53.60
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.93	7.27	64.50
2	PMR	PowerShares Dynamic Retail Portfolio	Consumer Discretionary	North America	0.63%	6.12	6.73	59.70
3	CNDF	iShares Edge MSCI Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.35%	4.99	6.58	57.60
4	JHMC	John Hancock Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.50%	3.46	6.50	56.20
5	FTXD	First Trust Nasdaq Retail ETF	Consumer Discretionary	North America	0.60%	5.10	6.44	56.20
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	4.27	6.57	61.30
2	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	3.75	6.33	60.00
3	FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60%	5.95	6.57	59.00
4	PBJ	Powershares Dynamic Food & Beverage Portfolio	Consumer Staples	North America	0.58%	3.88	6.11	57.80
5	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.84	5.65	57.30
1	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	4.47	6.90	63.40
2	PXI	PowerShares DWA Energy Momentum Portfolio	Energy	North America	0.60%	7.02	6.69	61.30
3	JHME	John Hancock Multifactor Energy ETF	Energy	North America	0.50%	5.35	6.54	60.50
4	ERGF	iShares Edge MSCI Multifactor Energy ETF	Energy	North America	0.35%	5.76	6.10	58.10
5	AMLPL	Alerian MLP ETF	Energy	North America	0.85%	5.78	6.90	57.40
1	FTXO	First Trust Nasdaq Bank ETF	Financials	North America	0.60%	4.00	7.80	66.40
2	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35%	6.36	7.67	65.10
3	FNCF	iShares Edge MSCI Multifactor Financials ETF	Financials	North America	0.35%	4.85	7.27	62.30
4	DFNL	Davis Select Financial ETF	Financials	Global	0.65%	5.94	7.33	60.60
5	KBWD	PowerShares KBW High Dividend Yield Financial Portfolio	Financials	North America	2.99%	5.02	6.63	58.60
1	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.96	9.09	72.90
2	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.90	7.22	62.70
3	FTXH	First Trust Nasdaq Pharmaceuticals ETF	Health Care	North America	0.60%	5.95	7.43	62.10
4	HCRF	iShares Edge MSCI Multifactor Healthcare ETF	Health Care	North America	0.35%	4.58	7.01	62.00
5	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.64	6.88	59.70
1	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	5.52	7.23	65.20
2	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.50%	4.00	6.86	61.40
3	DXJC	WisdomTree Japan Hedged Capital Goods Fund	Industrials	Asia-Pacific	0.48%	5.84	6.44	57.50
4	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08%	2.31	5.93	56.30
5	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	3.77	5.55	55.10

1	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	4.06	6.51	57.90
2	TBLU	Tortoise Water Fund	Natural Resources	North America	0.40%	5.72	6.48	57.50
3	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	3.87	5.95	56.10
4	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.72%	5.23	6.34	55.30
5	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	4.08	5.63	54.90
1	TCHF	iShares Edge MSCI Multifactor Technology ETF	Technology	North America	0.35%	5.46	7.32	63.30
2	FTEC	Fidelity MSCI Information Technology Index ETF	Technology	North America	0.08%	3.00	7.08	61.60
3	FINX	Global X FinTech Thematic ETF	Technology	Global	0.68%	3.53	7.29	61.50
4	IFLY	ETFMG Drone Economy Strategy ETF	Technology	Global	0.75%	5.04	7.07	61.30
5	JHMT	John Hancock Multifactor Technology ETF	Technology	North America	0.50%	4.58	7.06	60.60
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.55	6.29	57.80
2	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	5.13	5.71	54.50
3	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.48%	5.72	5.71	53.50
4	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.79	5.36	51.30
5	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.44%	5.11	4.97	50.80
1	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.55	6.21	60.60
2	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	3.06	6.26	58.20
3	UTLF	iShares Edge MSCI Multifactor Utilities ETF	Utilities	North America	0.35%	4.14	5.73	55.50
4	VPU	Vanguard Utilities ETF	Utilities	North America	0.10%	4.46	5.15	53.10
5	PUI	PowerShares DWA Utilities Momentum Portfolio	Utilities	North America	0.60%	5.16	4.77	50.30

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Equity ETF Select List - Geography

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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	FNI	First Trust ISE Chindia Index Fund	Asia-Pacific	Broad Equity	0.60%	5.40	10.00	75.90
2	PGJ	Powershares Golden Dragon China Portfolio	Asia-Pacific	Broad Equity	0.70%	6.11	8.48	65.30
3	EWY	iShares MSCI South Korea Capped ETF	Asia-Pacific	Broad Equity	0.62%	4.30	7.06	64.10
4	EWH	iShares MSCI Hong Kong ETF	Asia-Pacific	Broad Equity	0.48%	2.15	7.25	63.40
5	EWS	iShares MSCI Singapore Capped ETF	Asia-Pacific	Broad Equity	0.48%	3.47	7.00	63.10
1	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.48%	3.31	6.62	60.50
2	SCID	Global X Scientific Beta Europe ETF	Europe	Broad Equity	0.38%	4.87	6.82	59.40
3	FEUZ	First Trust Eurozone AlphaDEX ETF	Europe	Broad Equity	0.80%	5.61	6.58	58.80
4	DAX	Horizons DAX Germany ETF	Europe	Large Cap	0.20%	4.77	6.80	58.50
5	JPEU	JPMorgan Diversified Return Europe Equity ETF	Europe	Broad Equity	0.43%	4.59	6.35	56.90
1	FDRR	Fidelity Dividend ETF for Rising Rates	Global	High Dividend Yield	0.29%	2.82	7.50	64.20
2	FDVV	Fidelity Core Dividend ETF	Global	High Dividend Yield	0.29%	2.78	7.43	63.60
3	CRAK	VanEck Vectors Oil Refiners ETF	Global	Energy	0.59%	4.47	6.90	63.40
4	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	5.90	7.22	62.70
5	ARKW	ARK Web x.0 ETF	Global	Theme	0.75%	5.88	7.60	62.30
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	0.99%	6.95	8.63	69.10
2	IDLB	PowerShares FTSE International Low Beta Equal Weight Portfolio	Global Ex-U.S.	Broad Equity	0.45%	3.29	6.97	62.70
3	SPDW	SPDR Portfolio World ex-US ETF	Global Ex-U.S.	Broad Equity	0.04%	2.49	6.91	61.40
4	VIDI	Vident International Equity Fund	Global Ex-U.S.	Broad Equity	0.61%	4.11	6.99	60.80
5	FNDC	Schwab Fundamental International Small Cap Company index	Global Ex-U.S.	Small Cap	0.39%	3.02	6.73	60.60
1	EWW	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.30	7.15	62.80
2	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	5.22	6.38	56.80
3	ECH	iShares MSCI Chile Capped ETF	Latin America	Broad Equity	0.62%	4.82	5.53	54.80
4	ARGT	Global X MSCI Argentina ETF	Latin America	Broad Equity	0.59%	5.72	5.95	54.10
5	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.63%	5.47	5.63	53.80
1	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	4.84	7.51	62.40
2	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	4.33	7.03	58.90
3	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	1.10%	6.27	6.25	53.90
4	KSA	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	4.73	6.45	52.10
5	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.60%	4.50	5.27	47.90
1	IBB	iShares Nasdaq Biotechnology ETF	North America	Health Care	0.47%	4.96	9.09	72.90
2	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	4.44	8.66	71.70
3	SPYG	SPDR Portfolio S&P 500 Growth ETF	North America	Large Cap	0.04%	4.46	8.02	68.40
4	FTXO	First Trust Nasdaq Bank ETF	North America	Financials	0.60%	4.00	7.80	66.40
5	KRMA	Global X Conscious Companies ETF	North America	Theme	0.43%	3.11	7.53	66.20

1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	5.87	7.54	65.20
2	ESGE	iShares MSCI EM ESG Select ETF	Emerging Markets	Theme	0.25%	4.08	7.44	63.40
3	SPEM	SPDR Portfolio Emerging Markets ETF	Emerging Markets	Broad Equity	0.11%	3.92	7.40	61.10
4	XCEM	EGShares EM Core ex-China ETF	Emerging Markets	Broad Equity	0.35%	5.01	7.25	60.70
5	FLQE	Franklin LibertyQ Emerging Markets ETF	Emerging Markets	Broad Equity	0.55%	3.98	7.16	60.40
1	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30%	3.24	6.63	60.30
2	KLDW	Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	4.42	7.14	59.80
3	BFIT	Global X Health & Wellness Thematic ETF	Developed Markets	Theme	0.50%	3.92	7.05	59.50
4	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40%	3.71	6.51	58.20
5	GCOW	Pacer Global High Dividend ETF	Developed Markets	High Dividend Yield	0.60%	3.75	6.12	56.20

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Equity ETF Select List - Strategies

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.34	7.44	65.00
2	DWAQ	PowerShares DWA NASDAQ Momentum Portfolio	Alpha-Seeking	North America	0.60%	6.32	7.14	62.50
3	KNOW	Direxion All Cap Insider Sentiment Shares	Alpha-Seeking	North America	0.59%	4.68	6.72	58.80
4	VALX	Validea Market Legends ETF	Alpha-Seeking	Global	0.79%	6.00	6.92	58.50
5	DVP	Deep Value ETF	Alpha-Seeking	North America	0.59%	6.77	6.59	56.10
1	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	5.40	10.00	75.90
2	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	0.99%	6.95	8.63	69.10
3	PGJ	Powershares Golden Dragon China Portfolio	Broad Equity	Asia-Pacific	0.70%	6.11	8.48	65.30
4	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.30	7.06	64.10
5	EWH	iShares MSCI Hong Kong ETF	Broad Equity	Asia-Pacific	0.48%	2.15	7.25	63.40
1	FDRR	Fidelity Dividend ETF for Rising Rates	High Dividend Yield	Global	0.29%	2.82	7.50	64.20
2	FDVV	Fidelity Core Dividend ETF	High Dividend Yield	Global	0.29%	2.78	7.43	63.60
3	DIVO	Amplify YieldShares CWP Dividend & Option Income ETF	High Dividend Yield	North America	0.95%	5.48	7.08	60.00
4	DGRO	iShares Core Dividend Growth ETF	High Dividend Yield	North America	0.08%	1.69	6.49	59.30
5	RDVY	First Trust NASDAQ Rising Dividend Achievers	High Dividend Yield	North America	0.50%	3.57	6.13	59.00
1	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	5.07	7.04	59.30
2	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.41%	4.27	5.29	53.90
3	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77%	1.51	5.65	52.20
4	MOM	AGFIQ US Market Neutral Momentum Fund	Long/Short	North America	0.75%	6.36	6.33	48.60
5	ALFA	AlphaClone Alternative Alpha ETF	Long/Short	North America	0.65%	6.17	4.25	43.50
1	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	1.86	5.34	51.20
2	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	2.70	4.47	47.10
3	SPFF	Global X SuperIncome Preferred ETF	Preferred Stock	North America	0.58%	4.01	5.29	46.70
4	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	2.79	4.21	44.30
5	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.59	4.38	43.10
1	KRMA	Global X Conscious Companies ETF	Theme	North America	0.43%	3.11	7.53	66.20
2	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	5.87	7.54	65.20
3	ESGE	iShares MSCI EM ESG Select ETF	Theme	Emerging Markets	0.25%	4.08	7.44	63.40
4	GVIP	Goldman Sachs Hedge Industry VIP ETF	Theme	North America	0.45%	4.61	7.34	63.00
5	ARKW	ARK Web x.0 ETF	Theme	Global	0.75%	5.88	7.60	62.30
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	4.44	8.66	71.70
2	SPYG	SPDR Portfolio S&P 500 Growth ETF	Large Cap	North America	0.04%	4.46	8.02	68.40
3	DWPP	First Trust Dorsey Wright Peoples Portfolio ETF	Large Cap	North America	0.60%	4.07	7.23	64.30
4	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04%	4.82	7.21	64.00
5	EEH	ELEMENTS SPECTRUM ETN	Large Cap	North America	0.75%	6.29	7.93	63.60

1	SPMD	SPDR Portfolio Mid Cap ETF	Mid Cap	North America	0.05%	3.16	7.01	61.70
2	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	3.23	6.77	60.80
3	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	4.41	6.48	60.60
4	NUMG	NuShares ESG Mid-Cap Growth ETF	Mid Cap	North America	0.40%	3.65	6.48	58.10
5	JPME	JPMorgan Diversified Return U.S. Mid Cap Equity ETF	Mid Cap	North America	0.24%	3.51	6.46	57.50
1	SMDV	ProShares Russell 2000 Dividend Growers ETF	Small Cap	North America	0.40%	3.99	6.53	61.60
2	SPSM	SPDR Portfolio Small Cap ETF	Small Cap	North America	0.05%	2.75	7.01	61.40
3	FNDC	Schwab Fundamental International Small Cap Company index	Small Cap	Global Ex-U.S.	0.39%	3.02	6.73	60.60
4	SMLF	iShares Edge MSCI Multifactor USA Small-Cap ETF	Small Cap	North America	0.30%	4.91	6.71	60.10
5	JPSE	JPMorgan Diversified Return U.S. Small Cap Equity ETF	Small Cap	North America	0.29%	2.26	6.69	59.40
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	4.62	6.22	55.10
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	4.76	5.36	50.30
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	5.84	4.80	45.60
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	4.75	4.07	43.30

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*Key

***ETF Global 10 Red Diamond Risk Rating:** An ETFG 10 Red Diamond Risk Rating represents the ETFs with the highest risk rating. A 1 Red Diamond Risk Rating represents the ETFs with the lowest risk ratings. ETFG's Risk Rating measures two primary risk categories: Price Risk and Integrity Risk. Price and Integrity risk are equally weighted in the overall risk rating with Price Risk calculating 7 equally weighted underlying measurements covering such aspects as volatility and deviation. Integrity Risk calculates 8 equally weighted underlying measurements regarding the structure and trading characteristics of the security and its sponsor. The Overall Risk Rating Score is aggregated and carried to two decimal places to generate the ETFG Red Diamond Risk Rating. ♦♦♦♦♦♦♦♦

***ETF Global 10 Green Diamond Reward Rating:** An ETF Global 10 Green Diamond Reward Rating reflects an ETF with the most attractive reward rating and a Green Diamond Reward Rating of 1 reflects an individual ETF carrying the least attractive reward rating. ETFG's Green Diamond Reward Rating System is calculated utilizing the ETFG proprietary Model measuring two primary reward categories: Fundamental and Behavioral. Fundamental and Behavioral are equally weighted and driven by ETFG's proprietary algorithms in 25 underlying fields. The Overall Rating Score is aggregated and carried to two decimal places to generate the Reward Rating. ♦♦♦♦♦♦♦♦

***About the ETFGSM Quant Model:** The universe of equity ETFs reviewed by ETFGSM Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFGSM Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics to gauge how likely an equity ETF will outperform the market in the foreseeable future. ETFGSM Quant evaluates four primary categories that drive the results of the model: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality. For detailed information regarding the ETFGSM Quant Model, please review the ETFGSM Quant White Paper at (www.etfg.com/quant-white-paper) or review all the Equity ETFs ranked by ETFG Quant at <http://www.etfg.com/research/quant>.

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