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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	JHMA	John Hancock Multifactor Materials ETF	Basic Materials	North America	0.50%	4.35	6.89	57.30
2	MATF	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	4.65	6.42	54.70
3	GOEX	Global X Gold Explorers ETF	Basic Materials	Global	0.66%	6.68	6.48	54.50
4	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	3.10	6.16	54.00
5	GDX	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.53%	4.32	5.20	51.10
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.28	6.07	55.80
2	CNDF	iShares Edge MSCI Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.35%	4.80	6.63	55.60
3	IBUY	Amplify Online Retail ETF	Consumer Discretionary	Global	0.65%	6.17	6.82	54.90
4	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.61%	5.39	6.90	54.60
5	FTXD	First Trust Nasdaq Retail ETF	Consumer Discretionary	North America	0.60%	5.49	6.44	54.30
1	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	3.82	7.12	61.20
2	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.48%	5.75	6.29	57.40
3	PBJ	Invesco Dynamic Food & Beverage ETF	Consumer Staples	North America	0.58%	5.23	6.98	56.90
4	IYK	iShares US Consumer Goods ETF	Consumer Staples	North America	0.44%	3.87	6.12	56.30
5	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.66	5.69	56.10
1	ERGF	iShares Edge MSCI Multifactor Energy ETF	Energy	North America	0.35%	4.61	7.70	64.40
2	FTXN	First Trust Nasdaq Oil & Gas ETF	Energy	North America	0.60%	5.28	7.75	63.90
3	AMPLP	Alerian MLP ETF	Energy	North America	0.85%	5.83	8.00	60.10
4	AMJ	JPMorgan Alerian MLP Index ETN	Energy	North America	0.85%	6.48	6.75	58.00
5	EMLP	First Trust North American Energy Infrastructure Fund	Energy	North America	0.95%	4.55	6.73	58.00
1	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35%	5.72	7.02	59.80
2	FTXO	First Trust Nasdaq Bank ETF	Financials	North America	0.60%	4.17	6.79	58.20
3	DFNL	Davis Select Financial ETF	Financials	Global	0.65%	4.87	7.24	57.10
4	DXJF	WisdomTree Japan Hedged Financials Fund	Financials	Asia-Pacific	0.48%	5.22	6.60	56.10
5	BIZD	VanEck Vectors BDC Income ETF	Financials	North America	9.67%	3.96	6.62	55.60
1	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.71	10.00	73.20
2	IHE	iShares US Pharmaceuticals ETF	Health Care	North America	0.44%	5.42	8.86	67.50
3	IXJ	iShares Global Healthcare ETF	Health Care	Global	0.48%	4.47	8.64	67.30
4	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.99	8.73	66.90
5	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.51	7.58	61.00
1	FTXR	First Trust Nasdaq Transportation ETF	Industrials	North America	0.60%	4.73	8.34	65.90
2	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	3.76	6.55	58.40
3	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.50%	3.90	6.81	58.20

4	IYT	iShares Transportation Average ETF	Industrials	North America	0.44%	5.12	5.88	58.10
5	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	4.35	6.26	57.40
1	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47%	2.82	7.12	60.00
2	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	3.06	6.00	54.80
3	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	3.86	5.93	54.80
4	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	3.83	5.87	52.60
5	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.72%	4.61	6.00	52.20
1	FINX	Global X FinTech Thematic ETF	Technology	Global	0.68%	4.32	8.46	64.70
2	FTXL	First Trust Nasdaq Semiconductor ETF	Technology	North America	0.60%	4.77	6.83	59.00
3	JHMT	John Hancock Multifactor Technology ETF	Technology	North America	0.50%	4.26	7.21	58.80
4	ITEQ	BlueStar Israel Technology ETF	Technology	Middle East & Africa	0.75%	4.71	7.83	58.60
5	XNTK	SPDR NYSE Technology ETF	Technology	North America	0.35%	5.30	6.50	58.20
1	VOX	Vanguard Communication Services ETF	Telecommunications	North America	0.10%	4.71	7.19	59.20
2	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.44%	4.27	6.69	58.20
3	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.48%	5.63	6.49	56.20
4	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	4.29	6.87	55.70
5	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.27	5.23	50.60
1	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.85	6.04	55.70
2	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.62	5.57	55.20
3	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	5.00	6.01	54.10
4	UTLF	iShares Edge MSCI Multifactor Utilities ETF	Utilities	North America	0.35%	4.45	5.60	52.80
5	VPU	Vanguard Utilities ETF	Utilities	North America	0.10%	4.24	5.21	52.50

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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%	5.37	8.71	64.70
2	PGJ	Invesco Golden Dragon China ETF	Asia-Pacific	Broad Equity	0.70%	7.40	9.59	63.80
3	EWH	iShares MSCI Hong Kong ETF	Asia-Pacific	Broad Equity	0.49%	2.48	7.82	63.40
4	EWY	iShares MSCI South Korea Capped ETF	Asia-Pacific	Broad Equity	0.62%	4.12	7.29	62.90
5	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.74%	5.17	7.73	62.40
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62%	7.07	7.74	62.40
2	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.49%	3.55	7.39	62.20
3	QDEU	SPDR MSCI Germany Quality Mix ETF	Europe	Broad Equity	0.30%	5.24	7.17	59.60
4	PTEU	Pacer Trendpilot European Index ETF	Europe	Broad Equity	0.65%	4.17	7.19	57.80
5	OEUR	O Shares FTSE Europe Quality Dividend ETF	Europe	Large Cap	0.58%	4.52	7.21	57.60
1	IXJ	iShares Global Healthcare ETF	Global	Health Care	0.48%	4.47	8.64	67.30
2	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	5.99	8.73	66.90
3	FINX	Global X FinTech Thematic ETF	Global	Technology	0.68%	4.32	8.46	64.70
4	HECO	EcoLogical Strategy ETF	Global	Theme	0.95%	7.63	8.52	63.60
5	IOO	iShares Global 100 ETF	Global	Large Cap	0.40%	5.48	7.31	61.20
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	0.89%	7.12	8.44	63.10
2	SPDW	SPDR Portfolio World ex-US ETF	Global Ex-U.S.	Broad Equity	0.04%	2.92	7.60	62.80
3	ESGD	iShares MSCI EAFE ESG Select ETF	Global Ex-U.S.	Theme	0.20%	3.07	6.60	58.30
4	NUDM	NuShares ESG International Developed Markets Equity ETF	Global Ex-U.S.	Broad Equity	0.40%	3.84	7.41	57.90
5	HEFA	iShares Currency Hedged MSCI EAFE ETF	Global Ex-U.S.	Broad Equity	0.35%	1.93	6.79	57.30
1	EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.49%	5.38	7.80	63.40
2	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.63%	6.59	7.17	60.20
3	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	4.99	7.00	58.30
4	GXG	Global X MSCI Colombia ETF	Latin America	Broad Equity	0.61%	5.54	7.11	57.40
5	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.38	6.39	56.60
1	ITEQ	BlueStar Israel Technology ETF	Middle East & Africa	Technology	0.75%	4.71	7.83	58.60
2	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	5.19	7.09	57.20
3	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.88%	6.21	6.58	53.40
4	KSA	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	5.07	6.78	52.40
5	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.63	5.65	50.90
1	IBB	iShares Nasdaq Biotechnology ETF	North America	Health Care	0.47%	4.71	10.00	73.20
2	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	3.92	9.26	70.90

3	SLYV	SPDR S&P 600 Small CapValue ETF	North America	Small Cap	0.15%	5.75	8.62	68.40
4	IHE	iShares US Pharmaceuticals ETF	North America	Health Care	0.44%	5.42	8.86	67.50
5	FTXR	First Trust Nasdaq Transportation ETF	North America	Industrials	0.60%	4.73	8.34	65.90
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.90	7.45	60.90
2	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.69%	4.79	6.75	57.90
3	GEM	Goldman Sachs ActiveBeta Emerging Markets Equity ETF	Emerging Markets	Broad Equity	0.45%	3.93	6.40	55.00
4	EEMV	iShares Edge MSCI Min Vol Emerging Markets ETF	Emerging Markets	Broad Equity	0.25%	3.52	5.98	54.30
5	VWO	Vanguard FTSE Emerging Markets ETF	Emerging Markets	Broad Equity	0.14%	4.09	6.29	54.10
1	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30%	2.77	7.42	62.40
2	HEDJ	WisdomTree Europe Hedged Equity Fund	Developed Markets	Broad Equity	0.58%	4.69	6.78	58.60
3	BFIT	Global X Health & Wellness Thematic ETF	Developed Markets	Theme	0.50%	3.87	7.38	58.40
4	KLDW	Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	3.50	7.14	57.70
5	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40%	3.51	6.46	55.50

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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%	3.52	7.80	64.00
2	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return Ir	Alpha-Seeking	North America	0.75%	6.93	7.94	60.70
3	KNOW	Direxion All Cap Insider Sentiment Shares	Alpha-Seeking	North America	0.59%	3.86	7.22	60.00
4	DVP	Deep Value ETF	Alpha-Seeking	North America	0.59%	6.45	7.24	59.00
5	VALX	Validea Market Legends ETF	Alpha-Seeking	Global	0.81%	5.74	7.38	58.10
1	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	5.37	8.71	64.70
2	PGJ	Invesco Golden Dragon China ETF	Broad Equity	Asia-Pacific	0.70%	7.40	9.59	63.80
3	EWW	iShares MSCI Mexico ETF	Broad Equity	Latin America	0.49%	5.38	7.80	63.40
4	EWH	iShares MSCI Hong Kong ETF	Broad Equity	Asia-Pacific	0.49%	2.48	7.82	63.40
5	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	0.89%	7.12	8.44	63.10
1	RDIV	Oppenheimer Ultra Dividend Revenue ETF	High Dividend Yield	North America	0.39%	3.54	7.25	60.20
2	DGRO	iShares Core Dividend Growth ETF	High Dividend Yield	North America	0.08%	1.00	6.82	59.30
3	CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	High Dividend Yield	North America	0.35%	2.89	6.70	58.60
4	SPYD	SPDR Portfolio S&P 500 High Dividend ETF	High Dividend Yield	North America	0.07%	2.62	6.32	58.40
5	SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	3.61	6.84	58.30
1	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48%	4.28	5.88	54.50
2	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	3.77	6.60	54.40
3	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77%	1.92	5.67	51.00
4	MOM	AGFiQ US Market Neutral Momentum Fund	Long/Short	North America	0.75%	6.60	6.30	46.00
5	QMN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	0.95%	3.10	4.88	42.40
1	PFXE	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	2.78	5.32	50.60
2	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.75	5.09	47.10
3	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	2.96	4.80	46.80
4	PGF	Invesco Financial Preferred ETF	Preferred Stock	North America	0.63%	4.34	5.10	43.90
5	SPFF	Global X SuperIncome Preferred ETF	Preferred Stock	North America	0.58%	4.11	4.41	40.80
1	HECO	EcoLogical Strategy ETF	Theme	Global	0.95%	7.63	8.52	63.60
2	BOSS	Global X Founder-Run Companies ETF	Theme	North America	0.65%	6.62	7.84	61.30
3	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.90	7.45	60.90
4	ARKW	ARK Web x.0 ETF	Theme	Global	0.75%	6.14	7.92	60.70
5	ARKG	ARK Genomic Revolution Multi-Sector ETF	Theme	Global	0.75%	6.35	8.23	60.10
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	3.92	9.26	70.90
2	EEH	ELEMENTS SPECTRUM ETN	Large Cap	North America	0.75%	6.29	8.40	62.70

3	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.74%	5.17	7.73	62.40
4	VSDA	Victoryshares Dividend Accelerator ETF	Large Cap	North America	0.35%	4.04	7.61	62.30
5	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04%	4.01	7.16	61.20
1	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	3.53	7.36	62.90
2	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15%	5.72	7.42	62.80
3	DON	WisdomTree MidCap Dividend Fund	Mid Cap	North America	0.38%	5.22	7.23	61.20
4	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	3.31	7.29	60.20
5	NUMG	NuShares ESG Mid-Cap Growth ETF	Mid Cap	North America	0.40%	4.30	7.07	58.30
1	SLYV	SPDR S&P 600 Small CapValue ETF	Small Cap	North America	0.15%	5.75	8.62	68.40
2	SCAP	Cornerstone Small Cap ETF	Small Cap	North America	0.90%	5.58	7.89	61.90
3	SLY	SPDR S&P 600 Small CapETF	Small Cap	North America	0.15%	5.93	7.31	61.20
4	DES	WisdomTree SmallCap Dividend Fund	Small Cap	North America	0.38%	5.17	7.29	60.50
5	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15%	5.69	6.91	59.70
1	PZI	Invesco Zacks Micro Cap ETF	Micro Cap	North America	0.81%	6.19	6.83	53.20
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	3.88	5.42	50.20
3	WMCR	Invesco Wilshire Micro-Cap ETF	Micro Cap	North America	0.58%	6.96	5.20	43.80
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	4.61	3.77	41.50

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*Key

***ETF Global 10 Red Diamond Risk Rating:** An ETF Global 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

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