

For Research
Inquiries:

research@etfg.com

For Subscription
Inquiries:

(212) 223-3834

www.etfg.com

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	SIL	Global X Silver Miners ETF	Basic Materials	Global	0.65	6.17	6.22	58.70
2	GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	Basic Materials	Global	0.60	5.71	6.22	57.60
3	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57	6.45	5.49	55.20
4	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35	5.11	4.97	55.10
5	GDXJ	VanEck Junior Gold Miners ETF	Basic Materials	Global	0.53	6.64	5.14	54.90
1	IYC	iShares U.S. Consumer Services ETF	Consumer Discretionary	North America	0.44	4.84	8.49	72.10
2	IBUY	Amplify Online Retail ETF	Consumer Discretionary	Global	0.65	6.80	6.66	59.30
3	FTXD	First Trust Nasdaq Retail ETF	Consumer Discretionary	North America	0.60	3.94	5.56	54.20
4	EMTY	ProShares Decline of the Retail Store ETF	Consumer Discretionary	North America	0.65	6.69	5.65	54.00
5	ECON	Columbia Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.85	5.71	5.70	53.30
1	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.43	4.21	8.56	74.60
2	IECS	iShares Evolved U.S. Consumer Staples ETF	Consumer Staples	North America	0.18	1.98	5.48	55.40
3	FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60	4.01	5.32	55.20
4	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08	1.78	5.22	54.90
5	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.50	3.54	5.32	54.30
1	PXJ	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63	5.45	8.73	77.40
2	PSCE	Invesco S&P SmallCap Energy ETF	Energy	North America	0.29	5.06	7.28	68.50
3	IEZ	iShares U.S. Oil Equipment & Services ETF	Energy	North America	0.41	5.75	7.25	67.10
4	PXI	Invesco DWA Energy Momentum ETF	Energy	North America	0.60	6.16	6.42	64.50
5	XLE	Energy Select Sector SPDR Fund	Energy	North America	0.12	4.92	5.88	61.90
1	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35	5.54	9.14	77.20
2	FTXO	First Trust Nasdaq Bank ETF	Financials	North America	0.60	5.48	6.11	58.40
3	DFNL	Davis Select Financial ETF	Financials	Global	0.65	5.81	6.53	57.60
4	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65	4.93	6.47	57.20
5	PEX	ProShares Global Listed Private Equity ETF	Financials	Global	2.75	6.01	6.15	56.60
1	IBB	iShares Biotechnology ETF	Health Care	North America	0.45	4.23	8.19	70.80
2	IHI	iShares U.S. Medical Devices ETF	Health Care	North America	0.41	4.89	7.35	66.00
3	BBC	Virtus LifeSci Biotech Clinical Trials ETF	Health Care	North America	0.79	7.76	6.92	60.60
4	BTEC	Principal Healthcare Innovators Index ETF	Health Care	North America	0.42	5.95	6.40	57.80
5	PPH	VanEck Pharmaceutical ETF	Health Care	Global	0.35	4.24	5.39	55.90
1	JETS	U.S. Global Jets ETF	Industrials	Global	0.60	6.30	6.21	60.70
2	FLM	First Trust Global Engineering and Construction ETF	Industrials	Global	0.70	7.04	5.73	58.00
3	ITA	iShares U.S. Aerospace & Defense ETF	Industrials	North America	0.44	5.30	5.34	57.50

4	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.50	4.64	5.61	55.90
5	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70	4.84	4.91	53.70
1	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.46	4.22	6.60	61.70
2	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35	5.07	5.56	57.60
3	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47	3.31	5.80	57.30
4	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47	3.11	5.28	56.40
5	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70	4.21	5.29	53.30
1	LOUP	Innovator Loup Frontier Tech ETF	Technology	Global	0.70	7.49	7.09	60.80
2	IXN	iShares Global Tech ETF	Technology	Global	0.43	5.56	6.59	60.40
3	OGIG	O'Shares Global Internet Giants ETF	Technology	Global	0.48	5.52	6.75	60.20
4	CIBR	First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60	4.14	6.26	59.30
5	FTXL	First Trust Nasdaq Semiconductor ETF	Technology	North America	0.60	6.12	6.44	58.50
1	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.12	2.95	6.07	58.30
2	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08	2.41	5.62	53.80
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.44	2.80	5.19	52.10
4	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40	4.39	5.00	51.20
5	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35	4.83	3.05	40.00
1	IDU	iShares US Utilities ETF	Utilities	North America	0.44	5.87	7.71	70.20
2	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08	3.28	6.32	61.50
3	UTES	Virtus Reaves Utilities ETF	Utilities	North America	0.49	6.54	6.36	58.30
4	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50	5.26	5.89	57.40
5	JXI	iShares Global Utilities ETF	Utilities	Global	0.43	5.32	4.23	49.10

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Equity ETF Select List - Geography



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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EWM	iShares MSCI Malaysia ETF	Asia-Pacific	Broad Equity	0.49	4.54	7.91	70.30
2	FNI	First Trust Chindia ETF	Asia-Pacific	Broad Equity	0.59	5.25	7.87	67.10
3	BBJP	JPMorgan BetaBuilders Japan ETF	Asia-Pacific	Broad Equity	0.19	3.49	7.14	65.30
4	FLJP	Franklin FTSE Japan ETF	Asia-Pacific	Broad Equity	0.09	3.18	7.48	65.00
5	EWS	iShares MSCI Singapore ETF	Asia-Pacific	Broad Equity	0.49	3.54	6.87	64.50
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62	6.57	10.00	81.00
2	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.48	3.53	6.84	64.30
3	EWP	iShares MSCI Spain ETF	Europe	Broad Equity	0.49	5.02	6.74	63.10
4	RFEU	First Trust RiverFront Dynamic Europe ETF	Europe	Broad Equity	0.83	5.41	6.46	60.60
5	RSXJ	VanEck Russia Small-Cap ETF	Europe	Small Cap	0.76	6.80	6.67	60.10
1	FFTY	Innovator IBD 50 ETF	Global	Broad Equity	0.80	7.32	7.77	64.80
2	SDIV	Global X SuperDividend ETF	Global	High Dividend Yield	0.58	5.52	6.70	62.20
3	ARKK	ARK Innovation ETF	Global	Theme	0.75	6.43	6.89	62.00
4	BLOK	Amplify Transformational Data Sharing ETF	Global	Broad Equity	0.71	6.73	7.22	61.90
5	BOTZ	Global X Robotics & Artificial Intelligence Thematic ETF	Global	Theme	0.68	4.47	6.43	61.20
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.10	7.24	7.26	63.50
2	CIL	VictoryShares International Volatility Wtd ETF	Global Ex-U.S.	Broad Equity	0.45	4.83	6.84	61.70
3	VIDI	Vident International Equity Fund	Global Ex-U.S.	Broad Equity	0.59	4.97	6.78	61.60
4	CIZ	VictoryShares Developed Enhanced Volatility Wtd ETF	Global Ex-U.S.	Large Cap	0.47	4.55	6.78	61.40
5	HFXI	IQ 50 Percent Hedged FTSE International ETF	Global Ex-U.S.	Broad Equity	0.20	2.80	6.66	60.50
1	ECH	iShares MSCI Chile ETF	Latin America	Broad Equity	0.62	6.14	9.12	77.50
2	EPU	iShares MSCI Peru ETF	Latin America	Broad Equity	0.62	6.81	8.17	69.30
3	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49	6.41	6.87	64.10
4	EWZ	iShares MSCI Brazil ETF	Latin America	Broad Equity	0.62	6.27	6.83	63.70
5	EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.49	4.98	6.68	63.30
1	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62	6.90	7.12	63.30
2	AFK	VanEck Africa Index ETF	Middle East & Africa	Broad Equity	0.78	6.40	6.32	56.60
3	UAE	iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.62	4.62	6.06	55.60
4	FLSA	Franklin FTSE Saudi Arabia ETF	Middle East & Africa	Broad Equity	0.39	4.54	6.20	55.10
5	FLZA	Franklin FTSE South Africa ETF	Middle East & Africa	Broad Equity	0.19	6.66	5.74	51.90
1	IJJ	iShares S&P Mid-Cap 400 Value ETF	North America	Mid Cap	0.18	5.60	8.46	73.80
2	SLYG	SPDR S&P 600 Small Cap Growth ETF	North America	Small Cap	0.15	4.78	8.47	72.90

3	MDYG	SPDR S&P 400 Mid CapGrowth ETF	North America	Mid Cap	0.15	4.50	8.09	71.10
4	IJS	iShares S&P Small-Cap 600 Value ETF	North America	Small Cap	0.18	5.54	7.91	70.30
5	IJK	iShares S&P Mid-Cap 400 Growth ETF	North America	Mid Cap	0.17	5.34	7.77	69.50
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75	7.18	8.80	74.70
2	DVYE	iShares Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49	5.16	6.25	60.10
3	EELV	Invesco S&P Emerging Markets Low Volatility ETF	Emerging Markets	Broad Equity	0.30	3.69	6.28	59.60
4	JPEM	JPMorgan Diversified Return Emerging Markets Equity ETF	Emerging Markets	Broad Equity	0.47	5.49	6.51	59.50
5	RNEM	Emerging Markets Equity Select ETF	Emerging Markets	Broad Equity	0.77	6.31	6.71	59.40
1	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30	3.08	6.95	63.70
2	EFV	iShares MSCI EAFE Value ETF	Developed Markets	Broad Equity	0.39	4.33	5.77	58.00
3	RFDI	First Trust RiverFront Dynamic Developed International ETF	Developed Markets	Broad Equity	0.83	4.92	5.72	56.80
4	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40	3.61	5.64	55.60
5	BFIT	Global X Health & Wellness ETF	Developed Markets	Theme	0.50	4.35	5.99	55.60

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Equity ETF Select List - Strategies



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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	VMOT	Alpha Architect Value Momentum Trend ETF	Alpha-Seeking	Global	0.79	5.83	6.75	58.60
2	FV	First Trust Dorsey Wright Focus 5 ETF	Alpha-Seeking	Global	0.89	4.66	5.72	57.20
3	DBLV	AdvisorShares DoubleLine Value Equity ETF	Alpha-Seeking	North America	0.91	5.98	5.88	56.70
4	KFYP	KraneShares CICC China Leaders 100 Index ETF	Alpha-Seeking	Asia-Pacific	0.69	7.55	6.40	56.70
5	DWCR	Arrow DWA Country Rotation ETF	Alpha-Seeking	Global Ex-U.S.	1.36	6.32	6.11	56.60
1	TUR	iShares MSCI Turkey ETF	Broad Equity	Europe	0.62	6.57	10.00	81.00
2	ECH	iShares MSCI Chile ETF	Broad Equity	Latin America	0.62	6.14	9.12	77.50
3	EWM	iShares MSCI Malaysia ETF	Broad Equity	Asia-Pacific	0.49	4.54	7.91	70.30
4	EPU	iShares MSCI Peru ETF	Broad Equity	Latin America	0.62	6.81	8.17	69.30
5	FNI	First Trust Chindia ETF	Broad Equity	Asia-Pacific	0.59	5.25	7.87	67.10
1	QYLD	Global X Nasdaq 100 Covered Call ETF	Buywrite	North America	0.60	2.76	5.82	56.20
2	SLVO	Credit Suisse X-Links Silver Shares Covered Call ETN	Buywrite	Global	0.65	5.32	5.67	54.70
3	FTLB	First Trust Hedged BuyWrite Income ETF	Buywrite	Global	0.85	4.35	4.70	49.20
4	VEGA	AdvisorShares STAR Global Buy-Write ETF	Buywrite	Global	2.04	4.03	2.79	36.20
5	GLDI	Credit Suisse X-Links Gold Shares Covered Call ETN	Buywrite	Global	0.65	3.14	2.02	33.50
1	SDIV	Global X SuperDividend ETF	High Dividend Yield	Global	0.58	5.52	6.70	62.20
2	FYLD	Cambria Foreign Shareholder Yield ETF	High Dividend Yield	Global Ex-U.S.	0.59	5.41	6.64	60.20
3	DVYE	iShares Emerging Markets Dividend ETF	High Dividend Yield	Emerging Markets	0.49	5.16	6.25	60.10
4	IHDG	WisdomTree International Hedged Quality Dividend Growth Fund	High Dividend Yield	Global Ex-U.S.	0.58	2.30	6.34	59.50
5	SDEM	Global X MSCI SuperDividend Emerging Markets ETF	High Dividend Yield	Emerging Markets	0.66	5.65	6.24	58.50
1	HTUS	Hull Tactical US ETF	Long/Short	North America	0.96	5.85	6.32	56.20
2	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77	2.58	5.87	55.40
3	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48	4.84	5.63	53.10
4	CLIX	ProShares Long Online/Short Stores ETF	Long/Short	North America	0.65	6.10	5.48	52.60
5	BTAL	AGFIQ US MARKET NEUTRAL ANTI-BETA FUND	Long/Short	North America	2.11	7.62	5.79	48.80
1	PFXF	VanEck Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41	1.84	5.73	56.30
2	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47	2.40	4.93	52.40
3	VRP	Invesco Variable Rate Preferred ETF	Preferred Stock	North America		2.09	4.75	52.00
4	PSK	SPDR ICE Preferred Securities ETF	Preferred Stock	North America	0.45	2.86	4.41	49.70
5	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55	3.96	4.71	49.10
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75	7.18	8.80	74.70
2	IPO	Renaissance IPO ETF	Theme	North America	0.60	5.73	7.72	64.30

3	ARKK	ARK Innovation ETF	Theme	Global	0.75	6.43	6.89	62.00
4	BOTZ	Global X Robotics & Artificial Intelligence Thematic ETF	Theme	Global	0.68	4.47	6.43	61.20
5	ROBO	Robo-Stox Global Robotics & Automation Index ETF	Theme	Global	0.95	5.94	6.41	60.80
1	SPYG	SPDR Portfolio S&P 500 Growth ETF	Large Cap	North America	0.04	2.92	7.58	67.00
2	ILF	iShares Latin America 40 ETF	Large Cap	Latin America	0.49	6.41	6.87	64.10
3	IVW	iShares S&P 500 Growth ETF	Large Cap	North America	0.18	4.29	6.97	63.60
4	VONG	Vanguard Russell 1000 Growth ETF	Large Cap	North America	0.12	4.08	7.09	63.60
5	VONV	Vanguard Russell 1000 Value	Large Cap	North America	0.12	3.86	6.68	62.70
1	IJJ	iShares S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.18	5.60	8.46	73.80
2	MDYG	SPDR S&P 400 Mid CapGrowth ETF	Mid Cap	North America	0.15	4.50	8.09	71.10
3	IJK	iShares S&P Mid-Cap 400 Growth ETF	Mid Cap	North America	0.17	5.34	7.77	69.50
4	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15	4.47	7.59	68.60
5	IWR	iShares Russell Mid-Cap ETF	Mid Cap	North America	0.20	4.23	7.54	68.40
1	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15	4.78	8.47	72.90
2	IJS	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.18	5.54	7.91	70.30
3	SLYV	SPDR S&P 600 Small CapValue ETF	Small Cap	North America	0.15	4.99	7.28	66.40
4	ASHS	X-trackers Harvest CSI 500 China-A Shares Small Cap Fund	Small Cap	Asia-Pacific	0.65	7.24	7.51	62.50
5	BRF	VanEck Brazil Small-Cap ETF	Small Cap	Latin America	0.60	7.51	6.84	61.10
1	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	1.25	6.89	6.72	60.10
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60	5.42	3.37	42.90
3	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60	5.73	2.76	39.20

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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 ETFG® 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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