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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	SGDM	Sprott Gold Miners ETF	Basic Materials	Global	0.50	5.45	7.48	65.70
2	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.50	6.39	6.91	62.90
3	SLX	VanEck Steel ETF	Basic Materials	Global	0.56	6.31	6.01	59.10
4	GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	Basic Materials	Global	0.60	5.68	6.41	58.80
5	GDX	VanEck Gold Miners ETF	Basic Materials	Global	0.51	4.48	5.77	58.30
1	IYC	iShares U.S. Consumer Services ETF	Consumer Discretionary	North America	0.41	5.58	7.14	64.10
2	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.55	4.99	6.12	59.60
3	IBUY	Amplify Online Retail ETF	Consumer Discretionary	Global	0.65	7.76	6.69	58.50
4	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35	4.84	5.41	56.80
5	ECON	Columbia Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.49	5.56	5.67	53.40
1	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.43	4.25	7.13	66.40
2	FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60	3.30	7.20	65.50
3	IECS	iShares Evolved U.S. Consumer Staples ETF	Consumer Staples	North America	0.18	2.04	6.21	58.70
4	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.40	3.28	6.07	58.00
5	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08	1.38	5.12	54.90
1	IEZ	iShares U.S. Oil Equipment & Services ETF	Energy	North America	0.41	4.99	8.32	72.60
2	PSCE	Invesco S&P SmallCap Energy ETF	Energy	North America	0.29	4.36	8.02	71.50
3	PXJ	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63	4.79	7.63	70.40
4	JHME	John Hancock Multifactor Energy ETF	Energy	North America	0.40	5.90	7.49	67.40
5	FENY	Fidelity MSCI Energy Index ETF	Energy	North America	0.08	2.80	7.27	67.20
1	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35	5.53	10.00	81.00
2	FTXO	First Trust Nasdaq Bank ETF	Financials	North America	0.60	5.08	6.37	59.80
3	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65	3.98	6.62	58.00
4	KBWD	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	1.24	4.61	5.74	58.00
5	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.40	5.16	6.33	57.50
1	IHI	iShares U.S. Medical Devices ETF	Health Care	North America	0.41	4.89	8.54	72.20
2	IBB	iShares Biotechnology ETF	Health Care	North America	0.45	4.38	7.59	66.80
3	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35	4.08	7.11	64.20
4	BTEC	Principal Healthcare Innovators ETF	Health Care	North America	0.42	4.98	6.43	62.40
5	CNCR	Loncar Cancer Immunotherapy ETF	Health Care	North America	0.79	7.45	6.52	58.90
1	JETS	U.S. Global Jets ETF	Industrials	Global	0.60	6.24	6.88	64.20
2	ITA	iShares U.S. Aerospace & Defense ETF	Industrials	North America	0.42	5.27	6.34	63.20
3	FTXR	First Trust Nasdaq Transportation ETF	Industrials	North America	0.60	4.67	5.74	59.20

4	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70	4.69	5.56	57.30
5	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.40	5.20	5.49	55.00
1	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35	3.88	6.79	65.00
2	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70	3.51	7.20	64.00
3	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47	3.28	5.81	59.30
4	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70	4.43	6.29	58.70
5	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.46	3.82	5.37	54.80
1	CIBR	First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60	4.56	6.89	62.80
2	IYW	iShares US Technology ETF	Technology	North America	0.41	5.36	6.47	59.50
3	IXN	iShares Global Tech ETF	Technology	Global	0.43	6.20	6.46	59.30
4	LOUP	Innovator Loup Frontier Tech ETF	Technology	Global	0.70	7.69	6.95	59.30
5	XT	iShares Exponential Technologies ETF	Technology	Global	0.47	4.53	5.91	58.50
1	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40	4.23	6.62	60.30
2	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.42	3.53	5.70	56.30
3	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.10	3.83	5.62	56.00
4	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08	3.13	5.01	50.40
5	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35	4.51	2.78	39.30
1	IDU	iShares US Utilities ETF	Utilities	North America	0.41	5.79	8.83	76.30
2	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40	5.15	6.42	60.50
3	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08	3.16	5.03	54.40
4	UTES	Virtus Reaves Utilities ETF	Utilities	North America	0.49	6.38	5.57	54.20
5	JXI	iShares Global Utilities ETF	Utilities	Global	0.43	5.45	4.21	49.20

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Equity ETF Select List - Geography



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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EWS	iShares MSCI Singapore ETF	Asia-Pacific	Broad Equity	0.51	3.94	8.03	70.70
2	EWM	iShares MSCI Malaysia ETF	Asia-Pacific	Broad Equity	0.51	3.83	6.89	64.30
3	FNI	First Trust Chindia ETF	Asia-Pacific	Broad Equity	0.60	5.58	7.54	64.30
4	DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	Asia-Pacific	Broad Equity	0.58	4.62	6.88	62.60
5	FPA	First Trust Asia Pacific ex-Japan AlphaDEX Fund	Asia-Pacific	Broad Equity	0.80	6.46	6.94	62.30
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59	6.94	9.07	74.80
2	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.51	3.43	7.80	69.00
3	EWP	iShares MSCI Spain ETF	Europe	Broad Equity	0.51	5.45	6.96	63.80
4	HEWU	iShares Currency Hedged MSCI United Kingdom ETF	Europe	Large Cap	0.50	4.64	6.79	62.10
5	EUDV	ProShares MSCI Europe Dividend Growers ETF	Europe	Broad Equity	0.55	5.12	6.01	58.40
1	SDIV	Global X SuperDividend ETF	Global	High Dividend Yield	0.59	5.39	6.88	62.90
2	WBIL	WBI BullBear Quality 1000 ETF	Global	Large Cap	1.23	4.66	6.90	61.70
3	WBIF	WBI BullBear Value 1000 ETF	Global	Large Cap	1.25	4.79	6.60	60.30
4	ESPO	VanEck Video Gaming and eSports ETF	Global	Theme	0.55	5.71	6.71	60.10
5	WDIV	SPDR S&P Global Dividend ETF	Global	High Dividend Yield	0.40	4.48	6.07	59.70
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.10	7.06	7.62	65.40
2	VYMI	Vanguard International High Dividend Yield ETF	Global Ex-U.S.	High Dividend Yield	0.28	3.55	6.77	62.30
3	IPKW	Invesco International BuyBack Achievers ETF	Global Ex-U.S.	Alpha-Seeking	0.55	3.81	6.65	61.50
4	CWI	SPDR MSCI ACWI ex-US ETF	Global Ex-U.S.	Broad Equity	0.30	4.49	6.53	61.00
5	VIDI	Vident International Equity Fund	Global Ex-U.S.	Broad Equity	0.59	4.39	6.58	60.30
1	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.48	5.42	9.04	76.20
2	ECH	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59	5.94	8.71	74.40
3	EWX	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.51	4.71	7.50	67.70
4	FLN	First Trust Latin America AlphaDEX Fund	Latin America	Broad Equity	0.80	7.02	7.40	64.70
5	FLMX	Franklin FTSE Mexico ETF	Latin America	Broad Equity	0.19	4.95	7.53	64.20
1	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59	5.96	6.62	60.40
2	ISRA	VanEck Israel ETF	Middle East & Africa	Broad Equity	0.60	4.91	6.23	56.10
3	AFK	VanEck Africa Index ETF	Middle East & Africa	Broad Equity	0.79	5.74	5.92	54.80
4	FLZA	Franklin FTSE South Africa ETF	Middle East & Africa	Broad Equity	0.19	5.77	6.13	54.10
5	KSA	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74	2.74	5.41	54.10
1	IJS	iShares S&P Small-Cap 600 Value ETF	North America	Small Cap	0.18	4.84	9.67	79.70
2	IJK	iShares S&P Mid-Cap 400 Growth ETF	North America	Mid Cap	0.17	5.63	9.57	79.10

3	SLYV	SPDR S&P 600 Small CapValue ETF	North America	Small Cap	0.15	4.20	9.45	78.20
4	IJJ	iShares S&P Mid-Cap 400 Value ETF	North America	Mid Cap	0.18	5.49	9.11	77.10
5	MDYG	SPDR S&P 400 Mid CapGrowth ETF	North America	Mid Cap	0.15	4.83	9.29	76.90
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.60	6.96	7.29	65.90
2	ESGE	iShares MSCI EM ESG Optimized ETF	Emerging Markets	Theme	0.25	3.41	5.38	59.10
3	EELV	Invesco S&P Emerging Markets Low Volatility ETF	Emerging Markets	Broad Equity	0.30	3.04	6.21	58.90
4	SPEM	SPDR Portfolio Emerging Markets ETF	Emerging Markets	Broad Equity	0.11	2.88	5.95	56.70
5	RNEM	Emerging Markets Equity Select ETF	Emerging Markets	Broad Equity	0.75	5.60	6.19	56.40
1	RFDI	First Trust RiverFront Dynamic Developed International ETF	Developed Markets	Broad Equity	0.83	5.50	6.13	59.00
2	GCOW	Pacer Global Cash Cows Dividend ETF	Developed Markets	High Dividend Yield	0.60	4.12	6.04	57.70
3	PID	Invesco International Dividend Achievers ETF	Developed Markets	High Dividend Yield	0.56	3.25	5.64	56.60
4	ISDX	Invesco RAFI Strategic Developed ex-US ETF	Developed Markets	Large Cap	0.23	2.80	5.51	55.00
5	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40	3.18	5.36	54.60

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Equity ETF Select List - Strategies



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Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1 IPKW	Invesco International BuyBack Achievers ETF	Alpha-Seeking	Global Ex-U.S.	0.55	3.81	6.65	61.50
2 FV	First Trust Dorsey Wright Focus 5 ETF	Alpha-Seeking	Global	0.88	4.65	5.97	58.40
3 DWCR	Arrow DWA Country Rotation ETF	Alpha-Seeking	Global Ex-U.S.	1.36	6.58	6.20	56.30
4 DALI	First Trust DorseyWright DALI 1 ETF	Alpha-Seeking	Global	0.81	4.76	5.78	56.10
5 IFV	First Trust Dorsey Wright International Focus 5 ETF	Alpha-Seeking	Global Ex-U.S.	1.05	5.47	5.75	55.90
1 TUR	iShares MSCI Turkey ETF	Broad Equity	Europe	0.59	6.94	9.07	74.80
2 ECH	iShares MSCI Chile ETF	Broad Equity	Latin America	0.59	5.94	8.71	74.40
3 ONEQ	Fidelity NASDAQ Composite Index Tracking Stock ETF	Broad Equity	North America	0.21	6.00	8.70	71.40
4 EWS	iShares MSCI Singapore ETF	Broad Equity	Asia-Pacific	0.51	3.94	8.03	70.70
5 EWU	iShares MSCI United Kingdom ETF	Broad Equity	Europe	0.51	3.43	7.80	69.00
1 QYLD	Global X Nasdaq 100 Covered Call ETF	Buywrite	North America	0.60	3.56	5.64	55.30
2 FTLB	First Trust Hedged BuyWrite Income ETF	Buywrite	Global	0.85	3.70	5.33	53.00
3 SLVO	Credit Suisse X-Links Silver Shares Covered Call ETN	Buywrite	Global	0.65	4.52	5.24	52.00
4 GLDI	Credit Suisse X-Links Gold Shares Covered Call ETN	Buywrite	Global	0.65	3.27	2.47	36.80
5 VEGA	AdvisorShares STAR Global Buy-Write ETF	Buywrite	Global	2.02	4.20	1.98	32.40
1 SDVY	First Trust SMID Cap Rising Dividend Archievers ETF	High Dividend Yield	North America	0.60	4.54	6.57	63.00
2 SDIV	Global X SuperDividend ETF	High Dividend Yield	Global	0.59	5.39	6.88	62.90
3 DVYA	iShares Asia/Pacific Dividend ETF	High Dividend Yield	Asia-Pacific	0.49	5.32	6.82	62.30
4 VYMI	Vanguard International High Dividend Yield ETF	High Dividend Yield	Global Ex-U.S.	0.28	3.55	6.77	62.30
5 RDVY	First Trust NASDAQ Rising Dividend Achievers	High Dividend Yield	North America	0.50	4.42	6.16	60.00
1 MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77	2.42	6.49	59.00
2 HTUS	Hull Tactical US ETF	Long/Short	North America	0.97	6.98	6.15	54.20
3 CLIX	ProShares Long Online/Short Stores ETF	Long/Short	North America	0.65	6.83	5.27	50.80
4 DIVA	AGFIQ HEDGED DIVIDEND INCOME FUND	Long/Short	North America	1.21	6.50	5.22	48.20
5 BTAL	AGFIQ U.S. Market Neutral Anti-Beta Fund	Long/Short	North America	2.53	6.76	5.30	46.30
1 VRP	Invesco Variable Rate Preferred ETF	Preferred Stock	North America	0.50	1.32	4.11	51.10
2 PFXF	VanEck Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40	2.30	4.58	49.70
3 PSK	SPDR ICE Preferred Securities ETF	Preferred Stock	North America	0.45	3.69	4.26	49.00
4 PREF	Principal Spectrum Preferred Securities Active ETF	Preferred Stock	Global	0.55	5.62	3.88	44.70
5 PGX	Invesco Preferred ETF	Preferred Stock	North America	0.52	2.57	3.28	43.60
1 EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.60	6.96	7.29	65.90
2 EQRR	Proshares Equities For Rising Rates ETF	Theme	North America	0.35	5.77	6.65	62.40

3	KOMP	SPDR S&P Kensho New Economies Composite ETF	Theme	North America	0.20	4.58	6.52	61.00
4	ESPO	VanEck Video Gaming and eSports ETF	Theme	Global	0.55	5.71	6.71	60.10
5	IFRA	iShares U.S. Infrastructure ETF	Theme	North America	0.40	3.65	5.76	60.00
1	ILF	iShares Latin America 40 ETF	Large Cap	Latin America	0.48	5.42	9.04	76.20
2	VONG	Vanguard Russell 1000 Growth ETF	Large Cap	North America	0.08	4.79	8.81	72.70
3	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04	3.23	8.36	72.40
4	IVW	iShares S&P 500 Growth ETF	Large Cap	North America	0.18	4.95	8.30	70.40
5	SPYG	SPDR Portfolio S&P 500 Growth ETF	Large Cap	North America	0.04	3.46	7.89	68.10
1	IJK	iShares S&P Mid-Cap 400 Growth ETF	Mid Cap	North America	0.17	5.63	9.57	79.10
2	IJJ	iShares S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.18	5.49	9.11	77.10
3	MDYG	SPDR S&P 400 Mid CapGrowth ETF	Mid Cap	North America	0.15	4.83	9.29	76.90
4	IWR	iShares Russell Mid-Cap ETF	Mid Cap	North America	0.19	4.54	8.52	73.50
5	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15	4.15	7.54	68.10
1	IJS	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.18	4.84	9.67	79.70
2	SLYV	SPDR S&P 600 Small CapValue ETF	Small Cap	North America	0.15	4.20	9.45	78.20
3	VTWO	Vanguard Russell 2000 ETF	Small Cap	North America	0.10	4.85	9.08	75.90
4	SLY	SPDR S&P 600 Small Cap ETF	Small Cap	North America	0.15	4.44	8.40	72.00
5	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15	4.66	7.10	64.50
1	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	1.32	6.59	6.53	59.30
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60	4.45	3.75	45.60
3	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60	5.57	3.23	41.90

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*Key

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