Weekly ETF Equity Select List



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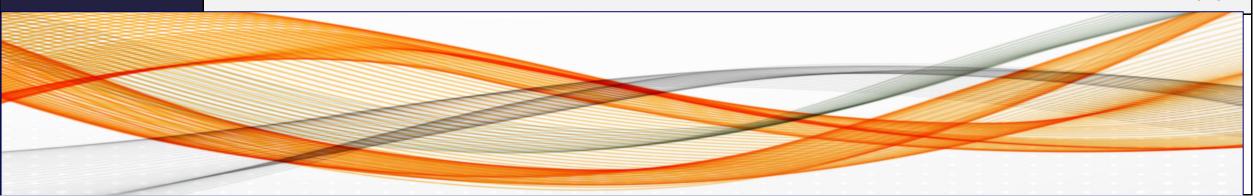
About the ETFG ETP Weekly Select List

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.



Equity ETF Select List - Sectors

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*	
1	<u>FXZ</u>	First Trust Materials AlphaDEX Fund	Basic Materials	North America	0.64%	5.56	7.69	67.40	
2	RTM	Invesco S&P 500 Equal Weight Materials ETF	Basic Materials	North America	0.40%	6.01	7.48	67.00	
3	PSCM	Invesco S&P SmallCap Materials ETF	Basic Materials	North America	0.29%	5.45	7.94	66.70	
	<u>XME</u>	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	4.91	6.75	64.40	
5	<u>XLB</u>	Materials Select Sector SPDR Fund	Basic Materials	North America	0.13%	2.38	5.80	62.50	
1	PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	Consumer Discretionary	North America	0.29%	4.91	8.44	67.80	
2	XHB	SPDR S&P Homebuilders ETF	Consumer Discretionary	North America	0.35%	2.49	6.12	65.20	
3	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.63%	5.75	6.80	62.00	
4	RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ETF	Consumer Discretionary	North America	0.40%	5.49	6.71	61.60	
5	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.58	6.18	60.40	
1	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08%	1.97	6.91	63.80	
2	FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60%	4.14	6.70	61.80	
3	<u>JHMS</u>	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.40%	3.80	6.60	61.10	
4	RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	Consumer Staples	North America	0.40%	4.51	5.63	60.30	
5	<u>KXI</u>	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.47%	5.99	5.88	59.40	
1	<u>OIH</u>	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.82	9.66	78.50	
2	PXE	Invesco Dynamic Energy Exploration & Production ETF	Energy	North America	0.65%	6.16	9.14	77.90	
	<u>PXJ</u>	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63%	4.28	8.55	76.80	
	FRAK	VanEck Vectors Unconventional Oil & Gas ETF	Energy	Global	0.54%	6.32	9.23	75.60	
5	<u>FCG</u>	First Trust Natural Gas ETF	Energy	North America	0.60%	6.24	8.46	73.50	
1	KBWR	Invesco KBW Regional Banking ETF	Financials	North America	0.35%	6.83	10.00	76.60	
2	KBWB	Invesco KBW Bank ETF	Financials	North America	0.35%	5.50	8.70	72.20	
3	QABA	First Trust NASDAQ ABA Community Bank Index Fund	Financials	North America	0.60%	6.03	9.00	71.40	
	<u>KRE</u>	SPDR S&P Regional Banking ETF	Financials	North America	0.35%	5.60	8.46	70.40	
5	<u>IAT</u>	iShares US Regional Banks ETF	Financials	North America	0.43%	5.35	8.57	70.10	
1	<u>XBI</u>	SPDR S&P Biotech ETF	Health Care	North America	0.35%	5.17	7.39	66.20	
2	<u>JHMH</u>	John Hancock Multifactor Healthcare ETF	Health Care	North America	0.40%	4.12	7.10	61.00	
3	<u>BBH</u>	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.52	6.23	59.50	
	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.53	6.21	59.10	
5	<u>IEHS</u>	iShares Evolved U.S. Healthcare Staples ETF	Health Care	North America	0.18%	3.28	6.55	58.90	
	<u>XTN</u>	SPDR S&P Transportation ETF	Industrials	North America	0.35%	4.65	8.47	74.00	
	<u>JETS</u>	U.S. Global Jets ETF	Industrials	Global	0.60%	6.66	7.71	67.80	
3	<u>IYT</u>	iShares Transportation Average ETF	Industrials	North America	0.43%	5.47	6.87	66.00	

4	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	4.82	6.93	63.90
_	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08%	3.38	6.90	63.40
1	WOOD	iShares Global Timber & Forestry ETF	Natural Resources	Global	0.47%	6.64	7.13	64.20
	GRES	IQ Global Resources ETF	Natural Resources	Global	0.78%	4.51	7.10	62.60
		iShares North American Natural Resources ETF	Natural Resources	Global	0.47%	4.38	6.27	61.90
	•	iShares MSCI Global Agriculture Producers ETF	Natural Resources	Global	0.39%	3.47	6.45	59.80
5	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47%	3.91	6.17	59.60
1	IPAY	ETFMG Prime Mobile Payments ETF	Technology	Global	0.75%	6.42	8.66	67.60
		First Trust Cloud Computing ETF	Technology	Global	0.60%	5.32	7.27	63.80
		First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60%	4.55	7.12	62.70
4	DTEC	ALPS Disruptive Technologies ETF	Technology	Global	0.50%	5.69	6.85	61.80
5	FONE	First Trust Nasdaq Smartphone Index Fund	Technology	Global	0.70%	6.82	6.69	60.00
1	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40%	5.31	6.58	59.40
2	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	5.20	6.36	58.30
3	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.32	6.05	55.70
4	<u>XLC</u>	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.13%	4.64	5.62	55.70
5	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	3.45	4.15	47.40
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40%	5.58	6.44	60.10
2	PUI	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60%	4.46	5.22	57.20
3	<u>FXU</u>	First Trust Utilities AlphaDEX Fund	Utilities	North America	0.62%	4.49	5.15	56.60
4	<u>FUTY</u>	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	3.52	4.98	54.40
5	RYU_	Invesco S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	5.58	4.06	51.80

Equity ETF Select List - Geography



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Ti	icker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1 EW	VM	iShares MSCI Malaysia ETF	Asia-Pacific	Broad Equity	0.47%	4.23	7.23	65.30
2 EW	VY	iShares MSCI South Korea ETF	Asia-Pacific	Broad Equity	0.59%	4.45	7.25	64.60
3 EIC	00	iShares MSCI Indonesia ETF	Asia-Pacific	Broad Equity	0.59%	4.48	7.39	63.70
4 <u>SCI</u>	IN	Columbia India Small Cap ETF	Asia-Pacific	Small Cap	0.77%	5.07	7.55	63.40
5 <u>TH</u>	<u>ID</u>	iShares MSCI Thailand ETF	Asia-Pacific	Broad Equity	0.59%	5.20	6.96	62.80
1 <u>TU</u>	<u>IR</u>	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59%	7.06	7.26	64.00
2 <u>FLS</u>	<u>SW</u>	Franklin FTSE Switzerland ETF	Europe	Broad Equity	0.09%	3.17	7.07	61.70
3 <u>EU</u>	<u>IDG</u>	WisdomTree Europe Quality Dividend Growth Fund	Europe	High Dividend Yield	0.58%	3.83	6.68	60.00
4 EIR	<u>RL</u>	iShares MSCI Ireland ETF	Europe	Broad Equity	0.47%	5.21	6.69	59.50
5 <u>SN</u>	<u>/IEZ</u>	SPDR EURO STOXX Small Cap ETF	Europe	Small Cap	0.45%	5.37	6.31	59.40
1 <u>OII</u>	<u>H</u>	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.82	9.66	78.50
2 FR	AK	VanEck Vectors Unconventional Oil & Gas ETF	Global	Energy	0.54%	6.32	9.23	75.60
3 <u>KO</u>	<u>)L</u>	VanEck Vectors Coal ETF	Global	Energy	0.60%	6.46	8.28	70.30
4 <u>AC</u>	<u>IM</u>	SPDR MSCI ACWI IMI ETF US	Global	Broad Equity	0.25%	7.10	8.23	67.80
5 JET	<u>rs</u>	U.S. Global Jets ETF	Global	Industrials	0.60%	6.66	7.71	67.80
1 <u>RO</u>	<u>DDM</u>	Hartford Multifactor Developed Markets (ex-US) ETF	Global Ex-U.S.	Broad Equity	0.29%	4.13	6.84	61.20
2 <u>TL</u> 1	<u>TD</u>	FlexShares Morningstar Developed Markets ex-US Factor Tilt Index F	Global Ex-U.S.	Broad Equity	0.39%	4.28	6.62	60.00
3 <u>VS</u>	<u>s</u>	Vanguard FTSE All World ex-US Small-Cap ETF	Global Ex-U.S.	Small Cap	0.13%	5.04	6.41	59.90
4 <u>IQ</u> I	<u>LT</u>	iShares Edge MSCI Intl Quality Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	2.54	6.23	59.80
5 <u>M</u> (<u>OTI</u>	VanEck Vectors Morningstar International Moat ETF	Global Ex-U.S.	Broad Equity	0.56%	5.15	6.54	59.80
1 EC	<u>H</u>	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59%	5.84	9.20	75.00
2 ILF		iShares Latin America 40 ETF	Latin America	Large Cap	0.48%	6.08	7.57	66.70
3 <u>EW</u>	<u>vw</u>	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.47%	5.53	7.18	64.90
4 <u>GX</u>	<u>(G</u>	Global X MSCI Colombia ETF	Latin America	Broad Equity	0.61%	6.21	7.60	64.30
5 <u>AR</u>	<u>RGT</u>	Global X MSCI Argentina ETF	Latin America	Broad Equity	0.59%	7.24	7.29	60.70
1 <u>EZ</u> /	<u>A</u>	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59%	6.89	6.90	60.90
2 <u>AF</u>	K	VanEck Vectors Africa Index ETF	Middle East & Africa	Broad Equity	0.84%	6.19	7.17	60.10
3 <u>UA</u>		iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.59%	4.44	5.62	53.30
4 IZR		ARK Israel Innovative Technology ETF	Middle East & Africa	Technology	0.49%	7.08	5.85	53.10
5 <u>KS</u>	Α	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	3.95	5.19	53.00
1 <u>PX</u>	Œ	Invesco Dynamic Energy Exploration & Production ETF	North America	Energy	0.65%	6.16	9.14	77.90
2 <u>PX</u>	<u>U</u>	Invesco Dynamic Oil & Gas Services ETF	North America	Energy	0.63%	4.28	8.55	76.80

3	KBWR	Invesco KBW Regional Banking ETF	North America	Financials	0.35%	6.83	10.00	76.60
4	RFV	Invesco S&P MidCap 400 Pure Value ETF	North America	Mid Cap	0.35%	5.25	9.79	76.50
5	FYT	First Trust Small Cap Value AlphaDEX Fund	North America	Small Cap	0.70%	5.12	9.55	75.40
1	ICOL	iShares MSCI Colombia Capped ETF	Emerging Markets	Broad Equity	0.61%	5.82	7.66	65.10
2	CEZ	VictoryShares Emerging Market Volatility Wtd ETF	Emerging Markets	Large Cap	0.50%	5.28	7.11	61.40
3	<u>ISEM</u>	Invesco Strategic Emerging Markets ETF	Emerging Markets	Large Cap	0.35%	4.68	6.98	60.60
4	DVYE	iShares Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.02	5.92	57.60
5	<u>DGS</u>	WisdomTree Emerging Markets SmallCap Dividend Fund	Emerging Markets	Small Cap	0.63%	4.83	5.94	57.20
1	KLDW	Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	5.33	7.98	64.50
2	PID	Invesco International Dividend Achievers ETF	Developed Markets	High Dividend Yield	0.55%	4.48	6.70	61.70
3	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Developed Markets	Large Cap	0.43%	4.46	6.17	58.50
4	IDLV	Invesco S&P International Developed Low Volatility ETF	Developed Markets	Broad Equity	0.25%	3.36	5.50	57.90
5	<u>ISDX</u>	Invesco Strategic Developed ex-US ETF	Developed Markets	Large Cap	0.23%	4.34	6.05	57.70

Equity ETF Select List - Strategies

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*	
1	CSD	Invesco S&P Spin-Off ETF	Alpha-Seeking	North America	0.64%	4.50	8.14	72.40	
2	SYLD	Cambria Shareholder Yield ETF	Alpha-Seeking	Global	0.59%	6.08	7.64	64.70	
3	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return Ir	Alpha-Seeking	North America	0.75%	5.37	7.64	63.70	
4	RYJ	Invesco Raymond James SB-1 Equity ETF	Alpha-Seeking	North America	0.75%	5.15	6.88	62.90	
5	FVC	First Trust Dorsey Wright Dynamic Focus 5 ETF	Alpha-Seeking	Global	0.89%	5.49	6.62	60.50	
1	ECH	iShares MSCI Chile ETF	Broad Equity	Latin America	0.59%	5.84	9.20	75.00	
2	ACIM	SPDR MSCI ACWI IMI ETF US	Broad Equity	Global	0.25%	7.10	8.23	67.80	
3	FAB	First Trust Multi Cap Value AlphaDEX Fund	Broad Equity	North America	0.70%	5.60	7.81	66.00	
4	FCAN	First Trust Canada AlphaDEX Fund	Broad Equity	North America	0.80%	5.66	7.54	65.70	
5	EWM	iShares MSCI Malaysia ETF	Broad Equity	Asia-Pacific	0.47%	4.23	7.23	65.30	
1	SCHD	Schwab US Dividend Equity ETF	High Dividend Yield	North America	0.07%	2.86	8.47	71.00	
2	SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	4.37	7.35	66.90	
3	FGD	First Trust DJ Global Select Dividend Index Fund	High Dividend Yield	Global	0.58%	5.97	7.27	64.40	
4	DGRO	iShares Core Dividend Growth ETF	High Dividend Yield	North America	0.08%	2.15	6.78	62.20	
5	DVY	iShares Select Dividend ETF	High Dividend Yield	North America	0.39%	4.92	6.31	61.80	
1	CHEP	AGFiQ US Market Neutral Value Fund	Long/Short	North America	0.75%	7.15	6.80	56.00	
2	<u>JPLS</u>	JPMorgan Long/Short ETF	Long/Short	Developed Markets	0.69%	3.25	5.85	55.10	
3	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.78%	2.70	5.47	53.90	
4	QMN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	1.01%	3.02	5.80	53.20	
5	<u>HTUS</u>	Hull Tactical US ETF	Long/Short	North America	0.91%	7.49	5.55	50.90	
1	<u>FPE</u>	First Trust Preferred Securities and Income ETF	Preferred Stock	Global	0.85%	2.98	6.53	59.90	
2	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	2.91	6.01	57.90	
3	<u>PGF</u>	Invesco Financial Preferred ETF	Preferred Stock	North America	0.63%	2.87	5.20	54.00	
4	<u>IPFF</u>	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.31	5.08	53.30	
5	<u>PGX</u>	Invesco Preferred ETF	Preferred Stock	North America	0.51%	1.97	4.78	52.80	
1	ROBO	Robo-Stox Global Robotics & Automation Index ETF	Theme	Global	0.95%	6.19	7.91	67.50	
2	XKCP	SPDR Kensho Clean Power ETF	Theme	North America	0.45%	7.68	7.86	66.00	
3	KOMP	SPDR Kensho New Economies Composite ETF	Theme	North America	0.20%	5.29	7.28	64.10	
4	BOTZ	Global X Robotics & Artificial Intelligence Thematic ETF	Theme	Global	0.68%	4.42	6.94	63.80	
5	<u>IRBO</u>	iShares Robotics and Artificial Intelligence ETF	Theme	Global	0.47%	6.10	7.16	63.10	
1	<u>SPHB</u>	Invesco S&P 500 High Beta ETF	Large Cap	North America	0.25%	4.87	7.98	69.80	
2	<u>SDOG</u>	ALPS Sector Dividend Dogs ETF	Large Cap	North America	0.40%	5.25	7.77	68.20	

3	NOBL	ProShares S&P 500 Aristocrats ETF	Large Cap	North America	0.35%	4.25	7.41	67.70
4	<u>ILF</u>	iShares Latin America 40 ETF	Large Cap	Latin America	0.48%	6.08	7.57	66.70
5	KARS	KraneShares Electric Vehicles and Future Mobility Index ETF	Large Cap	Global	0.70%	6.93	8.33	66.20
1	RFV	Invesco S&P MidCap 400 Pure Value ETF	Mid Cap	North America	0.35%	5.25	9.79	76.50
2	FNK	First Trust Mid Cap Value AlphaDEX Fund	Mid Cap	North America	0.70%	5.31	9.26	74.20
3	EZM	WisdomTree U.S. MidCap Earnings Fund	Mid Cap	North America	0.38%	4.70	8.55	70.80
4	PXMV	Invesco Russell MidCap Pure Value ETF	Mid Cap	North America	0.39%	5.97	8.35	68.30
5	<u>IVOV</u>	Vanguard S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.20%	4.95	7.86	67.90
1	<u>FYT</u>	First Trust Small Cap Value AlphaDEX Fund	Small Cap	North America	0.70%	5.12	9.55	75.40
2	<u>RWJ</u>	Oppenheimer S&P SmallCap 600 Revenue ETF	Small Cap	North America	0.39%	5.06	9.73	74.60
3	<u>FYX</u>	First Trust Small Cap Core AlphaDEX Fund	Small Cap	North America	0.63%	5.36	8.81	72.10
4	<u>IJS</u>	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.25%	4.89	8.50	71.30
5	<u>VIOV</u>	Vanguard S&P Small-Cap 600 Value ETF	Small Cap	North America	0.20%	4.97	8.51	70.80
	<u>IWC</u>	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.34	7.58	65.10
2	<u>FDM</u>	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.42	7.22	63.90
3	<u>DWMC</u>	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	0.99%	6.33	4.14	46.30

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*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 ETFG® Quant Model: The universe of equity ETFs reviewed by ETFG™ Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFG™ 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. ETFG™ 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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