

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 Policy Committee 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.

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 regarding the ETFG Quant Model, please review the ETFG 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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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%	7.47	8.92	65.00
2	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	7.35	8.11	57.90
3	GDXJ	VanEck Vectors Junior Gold Miners ETF	Basic Materials	Global	0.56%	7.51	6.63	57.20
4	SLVP	iShares MSCI Global Silver Miners ETF	Basic Materials	Global	0.39%	5.67	6.30	55.10
5	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	2.52	6.20	54.40
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.84	7.59	61.80
2	PSCD	PowerShares S&P SmallCap Consumer Discretionary Portfolio	Consumer Discretionary	North America	0.29%	4.61	8.24	60.90
3	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.61%	4.40	7.23	58.10
4	JHMC	John Hancock Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.50%	4.92	8.07	57.70
5	ECON	EGShares Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.85%	6.84	7.16	56.90
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	3.67	9.07	69.00
2	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08%	1.66	7.37	60.50
3	IYK	iShares US Consumer Goods ETF	Consumer Staples	North America	0.43%	3.33	6.72	57.80
4	PBJ	Powershares Dynamic Food & Beverage Portfolio	Consumer Staples	North America	0.58%	3.31	6.44	56.90
5	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.12	6.08	56.80
1	PXJ	PowerShares Dynamic Oil & Gas Services Portfolio	Energy	North America	0.63%	6.43	8.99	68.10
2	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.74	8.28	65.80
3	EMLP	First Trust North American Energy Infrastructure Fund	Energy	North America	0.95%	4.24	7.97	61.80
4	AMJ	JPMorgan Alerian MLP Index ETN	Energy	North America	0.85%	6.29	7.63	60.80
5	PXI	PowerShares DWA Energy Momentum Portfolio	Energy	North America	0.60%	6.81	6.58	59.00
1	KBWD	PowerShares KBW High Dividend Yield Financial Portfolio	Financials	North America	3.08%	5.04	6.64	55.40
2	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.50%	5.43	7.30	55.00
3	PFI	PowerShares DWA Financial Momentum Portfolio	Financials	North America	0.60%	4.96	6.40	54.60
4	FNCL	Fidelity MSCI Financials Index ETF	Financials	North America	0.08%	2.43	6.52	54.20
5	DXJF	WisdomTree Japan Hedged Financials Fund	Financials	Asia-Pacific	0.48%	4.49	6.34	53.70
1	PBE	Powershares Dynamic Biotechnology & Genome Portfolio	Health Care	North America	0.59%	6.32	9.18	67.30
2	XHS	SPDR S&P Health Care Services ETF	Health Care	North America	0.35%	4.84	8.72	65.60
3	XBI	SPDR S&P Biotech ETF	Health Care	North America	0.35%	5.16	8.20	63.40
4	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.89	8.26	62.70
5	PPH	VanEck Vectors Pharmaceutical ETF	Health Care	Global	0.35%	5.01	7.86	62.40
1	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08%	2.15	7.11	60.20
2	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	4.10	6.68	59.40
3	CARZ	First Trust NASDAQ Global Auto Index Fund	Industrials	Global	0.70%	6.19	7.95	58.80
4	XLI	Industrial Select Sector SPDR Fund	Industrials	North America	0.14%	2.95	6.34	58.50
5	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.24	6.05	58.30

1	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	4.99	7.53	56.60
2	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	4.89	7.21	53.40
3	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	4.72	7.08	52.50
4	PAGG	PowerShares Global Agriculture Portfolio	Natural Resources	Global	0.76%	6.26	5.83	51.80
5	MOO	VanEck Vectors Agribusiness ETF	Natural Resources	Global	0.55%	4.70	5.18	51.10
1	KWEB	KraneShares CSI China Internet ETF	Technology	Asia-Pacific	0.72%	7.20	8.52	59.20
2	XITK	SPDR FactSet Innovative Technology ETF	Technology	North America	0.45%	6.23	7.42	59.10
3	HACK	PureFunds ISE Cyber Security ETF	Technology	Global	0.75%	5.21	7.30	59.00
4	CIBR	First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60%	4.56	7.02	58.10
5	SOXX	iShares PHLX Semiconductor ETF	Technology	North America	0.47%	4.43	6.41	57.10
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.15	5.60	52.90
2	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	4.22	5.75	52.30
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	4.37	5.47	51.50
4	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	2.61	5.39	50.40
5	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	4.75	4.81	47.60
1	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.34	6.64	59.60
2	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.73	7.06	59.50
3	UTES	Reaves Utilities ETF	Utilities	North America	0.95%	6.41	7.74	57.10
4	IDU	iShares US Utilities ETF	Utilities	North America	0.43%	4.85	5.61	53.60
5	RJU	Guggenheim S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	5.00	5.11	51.30

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Equity ETF Select List - Geography

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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EWY	iShares MSCI South Korea Capped ETF	Asia-Pacific	Broad Equity	0.62%	4.15	8.82	67.90
2	SCIJ	Global X Scientific Beta Japan ETF	Asia-Pacific	Broad Equity	0.38%	3.76	8.37	64.30
3	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	4.99	8.34	63.80
4	JPXN	iShares JPX-Nikkei 400 ETF	Asia-Pacific	Broad Equity	0.48%	3.91	8.06	63.70
5	EWJ	iShares MSCI Japan ETF	Asia-Pacific	Broad Equity	0.48%	2.01	7.71	63.50
1	EWP	iShares MSCI Spain Capped ETF	Europe	Broad Equity	0.48%	5.74	9.19	66.40
2	EWI	iShares MSCI Italy Capped ETF	Europe	Broad Equity	0.48%	5.56	7.52	60.50
3	DFE	WisdomTree Europe SmallCap Dividend Fund	Europe	Small Cap	0.58%	5.69	7.74	60.20
4	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62%	6.75	7.25	58.50
5	ERUS	iShares MSCI Russia Capped ETF	Europe	Broad Equity	0.62%	5.81	7.01	58.50
1	CSLS	Credit Suisse X-Links Long/Short Equity ETN	Global	Long/Short	0.45%	5.92	9.71	67.30
2	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.74	8.28	65.80
3	SIL	Global X Silver Miners ETF	Global	Basic Materials	0.65%	7.47	8.92	65.00
4	NLR	VanEck Vectors Uranium+Nuclear Energy ETF	Global	Theme	0.60%	7.22	7.78	62.40
5	PPH	VanEck Vectors Pharmaceutical ETF	Global	Health Care	0.35%	5.01	7.86	62.40
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.27%	7.91	9.88	68.10
2	IMTM	iShares Edge MSCI Intl Momentum Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	4.71	7.87	61.20
3	IVAL	ValueShares International Quantitative Value ETF	Global Ex-U.S.	Broad Equity	0.79%	6.41	8.09	60.50
4	ISZE	iShares Edge MSCI Intl Size Factor ETF	Global Ex-U.S.	Large Cap	0.30%	7.25	7.29	59.10
5	HDAW	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedge	Global Ex-U.S.	High Dividend Yield	0.45%	4.20	7.66	58.70
1	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.38	7.15	59.10
2	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	5.79	7.31	58.50
3	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.45	6.68	56.70
4	EWX	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.42	6.25	55.30
5	GXG	Global X MSCI Colombia ETF	Latin America	Broad Equity	0.61%	6.47	7.26	54.80
1	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	5.00	7.58	57.30
2	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.35	6.83	55.80
3	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	5.28	6.63	54.10
4	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.64%	5.42	6.42	52.90
5	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.90	7.65	52.90
1	CNTR	PowerShares Contrarian Opportunities Portfolio	North America	Broad Equity	0.35%	3.95	9.85	71.50
2	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	North America	Consumer Staples	0.29%	3.67	9.07	69.00
3	PXJ	PowerShares Dynamic Oil & Gas Services Portfolio	North America	Energy	0.63%	6.43	8.99	68.10
4	PBE	PowerShares Dynamic Biotechnology & Genome Portfolio	North America	Health Care	0.59%	6.32	9.18	67.30
5	FVL	First Trust Value Line 100 Exchange-Traded Fund	North America	Alpha-Seeking	0.70%	4.24	8.96	65.80

1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.69	8.21	64.00
2	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.72%	5.23	8.07	62.90
3	EMGF	iShares Edge MSCI Multifactor Emerging Markets ETF	Emerging Markets	Broad Equity	0.45%	5.63	8.24	62.20
4	EMDV	ProShares MSCI Emerging Markets Dividend Growers ETF	Emerging Markets	Broad Equity	0.60%	6.97	8.03	60.10
5	GMM	SPDR S&P Emerging Markets ETF	Emerging Markets	Broad Equity	0.59%	6.23	7.61	58.80
1	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Developed Markets	Large Cap	0.43%	4.67	7.91	61.10
2	SCHC	Schwab International Small-Cap Equity ETF	Developed Markets	Small Cap	0.16%	4.18	7.21	60.20
3	HDEF	Deutsche X-trackers MSCI EAFE High Dividend Yield Hedged Equity E	Developed Markets	High Dividend Yield	0.45%	5.44	7.35	57.60
4	HDEZ	Deutsche X-trackers MSCI Eurozone High Dividend Yield Hedged Equi	Developed Markets	High Dividend Yield	0.45%	6.66	7.10	57.50
5	DLS	WisdomTree International SmallCap Dividend Fund	Developed Markets	Small Cap	0.58%	5.23	6.87	57.00

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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%	4.24	8.96	65.80
2	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In	Alpha-Seeking	North America	0.75%	8.19	9.70	64.70
3	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	4.74	8.34	63.50
4	SYLD	Cambria Shareholder Yield ETF	Alpha-Seeking	Global	0.59%	4.78	7.19	57.60
5	HUSE	US Equity Rotation Strategy ETF	Alpha-Seeking	North America	0.95%	7.79	7.82	57.30
1	CNTR	PowerShares Contrarian Opportunities Portfolio	Broad Equity	North America	0.35%	3.95	9.85	71.50
2	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	1.27%	7.91	9.88	68.10
3	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.15	8.82	67.90
4	EWP	iShares MSCI Spain Capped ETF	Broad Equity	Europe	0.48%	5.74	9.19	66.40
5	JPUS	JPMorgan Diversified Return US Equity ETF	Broad Equity	North America	0.29%	3.24	8.41	65.10
1	SPYD	SPDR S&P 500 High Dividend ETF	High Dividend Yield	North America	0.12%	3.41	8.17	61.70
2	SPHD	PowerShares S&P 500 High Dividend Portfolio	High Dividend Yield	North America	0.30%	2.22	6.46	58.80
3	HDAW	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedged	High Dividend Yield	Global Ex-U.S.	0.45%	4.20	7.66	58.70
4	RDVY	First Trust NASDAQ Rising Dividend Achievers	High Dividend Yield	North America	0.50%	3.44	6.64	58.30
5	QINC	First Trust RBA Quality Income ETF	High Dividend Yield	Global	0.70%	3.22	6.90	57.90
1	CSLS	Credit Suisse X-Links Long/Short Equity ETN	Long/Short	Global	0.45%	5.92	9.71	67.30
2	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.47%	5.66	7.53	60.70
3	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	1.73	6.59	55.20
4	DIVA	QuantShares Hedged Dividend Income Fund	Long/Short	North America	0.75%	6.20	6.42	52.20
5	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	3.68	6.53	51.80
1	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.23	6.49	53.60
2	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	2.10	6.03	52.30
3	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	2.78	4.36	45.20
4	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	2.50	4.32	43.60
5	PGX	PowerShares Preferred Portfolio	Preferred Stock	North America	0.50%	1.92	3.53	41.10
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.69	8.21	64.00
2	NLR	VanEck Vectors Uranium+Nuclear Energy ETF	Theme	Global	0.60%	7.22	7.78	62.40
3	KWT	VanEck Vectors Solar Energy ETF	Theme	Global	0.65%	9.43	8.27	60.70
4	SPUN	VanEck Vectors Global Spin-Off ETF	Theme	Global	0.55%	7.23	8.52	59.70
5	WIL	Barclays Women in Leadership ETN	Theme	North America	0.45%	7.39	7.99	59.50
1	EEH	ELEMENTS SPECTRUM ETN	Large Cap	North America	0.75%	8.19	10.00	65.60
2	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	4.99	8.34	63.80
3	EQWL	PowerShares Russell Top 200 Equal Weight Portfolio	Large Cap	North America	0.25%	5.77	7.71	62.70
4	ONEK	SPDR Russell 1000 ETF	Large Cap	North America	0.11%	3.95	8.21	62.40
5	USLB	PowerShares Russell 1000 Low Beta Equal Weight Portfolio	Large Cap	North America	0.35%	3.34	7.76	62.20

1	PXMV	PowerShares Russell Midcap Pure Value Portfolio	Mid Cap	North America	0.39%	3.22	7.99	61.80
2	EQWM	PowerShares Russell Midcap Equal Weight Portfolio	Mid Cap	North America	0.25%	5.76	7.91	61.70
3	EZM	WisdomTree MidCap Earnings Fund	Mid Cap	North America	0.38%	6.63	7.88	61.70
4	JHMM	John Hancock Multifactor Mid Cap ETF	Mid Cap	North America	0.45%	4.26	8.28	61.20
5	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	4.01	6.69	58.90
1	PXSV	PowerShares Russell 2000 Pure Value Portfolio	Small Cap	North America	0.39%	3.46	8.96	65.70
2	DWAS	PowerShares DWA SmallCap Momentum Portfolio	Small Cap	North America	0.60%	5.41	7.82	62.20
3	EQWS	PowerShares Russell 2000 Equal Weight Portfolio	Small Cap	North America	0.25%	5.72	7.66	60.40
4	DFE	WisdomTree Europe SmallCap Dividend Fund	Small Cap	Europe	0.58%	5.69	7.74	60.20
5	SCJ	iShares MSCI Japan Small-Cap ETF	Small Cap	Asia-Pacific	0.48%	3.42	7.12	60.20
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	4.64	7.27	58.20
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	4.71	6.56	55.00
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	4.63	5.52	49.10
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.04	3.66	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 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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