

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	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	7.66	7.64	58.30
2	FXZ	First Trust Materials AlphaDEX Fund	Basic Materials	North America	0.66%	4.76	6.19	57.90
3	GDXJ	VanEck Vectors Junior Gold Miners ETF	Basic Materials	Global	0.56%	7.56	6.21	57.40
4	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	3.02	6.29	57.20
5	SIL	Global X Silver Miners ETF	Basic Materials	Global	0.65%	7.99	6.98	56.70
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.19	7.36	63.60
2	PMR	PowerShares Dynamic Retail Portfolio	Consumer Discretionary	North America	0.63%	5.25	7.21	60.70
3	PSCD	PowerShares S&P SmallCap Consumer Discretionary Portfolio	Consumer Discretionary	North America	0.29%	4.82	7.54	60.40
4	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.61%	4.57	7.20	60.20
5	ECON	EGShares Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.85%	6.88	6.70	57.50
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	3.96	8.70	70.80
2	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	1.52	6.38	60.20
3	PBJ	Powershares Dynamic Food & Beverage Portfolio	Consumer Staples	North America	0.58%	3.00	6.41	59.20
4	IYK	iShares US Consumer Goods ETF	Consumer Staples	North America	0.43%	3.23	6.14	57.10
5	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.47%	3.95	5.18	53.10
1	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.11	6.69	61.40
2	AMU	ETRACS Alerian MLP Index ETN	Energy	North America	0.80%	6.08	7.23	61.00
3	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	5.72	7.28	59.90
4	MLPI	ETRACS Alerian MLP Infrastructure Index ETN	Energy	North America	0.85%	6.56	7.05	59.60
5	PXI	PowerShares DWA Energy Momentum Portfolio	Energy	North America	0.60%	6.98	5.99	58.00
1	KBWD	PowerShares KBW High Dividend Yield Financial Portfolio	Financials	North America	3.08%	5.24	6.55	57.40
2	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.50%	5.01	6.65	56.60
3	XLF	Financial Select Sector SPDR Fund	Financials	North America	0.14%	3.43	6.10	55.70
4	IYF	iShares US Financials ETF	Financials	North America	0.43%	4.13	6.10	55.50
5	DXJF	WisdomTree Japan Hedged Financials Fund	Financials	Asia-Pacific	0.48%	5.11	6.27	55.20
1	PJP	Powershares Dynamic Pharmaceuticals Portfolio	Health Care	North America	0.58%	5.36	8.36	68.40
2	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	5.02	8.56	67.50
3	PPH	VanEck Vectors Pharmaceutical ETF	Health Care	Global	0.35%	4.26	7.56	63.80
4	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.32	7.65	63.40
5	XBI	SPDR S&P Biotech ETF	Health Care	North America	0.35%	5.22	7.12	60.90
1	FLM	First Trust ISE Global Engineering and Construction Index Fund	Industrials	Global	0.70%	7.20	6.69	59.90
2	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.36	5.91	59.40
3	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08%	2.29	6.40	59.00
4	PKB	PowerShares Dynamic Building & Construction Portfolio	Industrials	North America	0.63%	5.11	6.24	58.90
5	XTN	SPDR S&P Transportation ETF	Industrials	North America	0.35%	4.38	5.87	58.60

1	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	4.87	7.23	57.90
2	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	4.88	7.05	56.10
3	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	4.45	6.01	53.80
4	MOO	VanEck Vectors Agribusiness ETF	Natural Resources	Global	0.55%	5.19	5.33	53.40
5	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.45%	4.21	5.86	53.40
1	HACK	PureFunds ISE Cyber Security ETF	Technology	Global	0.75%	5.30	8.19	65.60
2	KWEB	KraneShares CSI China Internet ETF	Technology	Asia-Pacific	0.72%	7.13	8.62	63.10
3	CQQQ	Guggenheim China Technology ETF	Technology	Asia-Pacific	0.70%	6.54	8.08	61.20
4	IFLY	PureFunds Drone Economy Strategy ETF	Technology	Global	0.75%	5.95	7.61	60.90
5	SKYY	First Trust ISE Cloud Computing Index Fund	Technology	Global	0.60%	3.70	6.71	60.40
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.44	6.23	57.10
2	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.15	5.77	53.80
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	4.84	4.40	48.10
4	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	4.97	4.52	47.30
5	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	5.28	4.33	46.10
1	UTES	Reaves Utilities ETF	Utilities	North America	0.95%	5.82	8.14	62.20
2	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.16	6.18	59.60
3	IDU	iShares US Utilities ETF	Utilities	North America	0.43%	4.83	6.08	57.50
4	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.51	5.93	56.30
5	VPU	Vanguard Utilities ETF	Utilities	North America	0.10%	4.14	5.20	53.20

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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%	4.67	8.73	71.10
2	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	4.97	8.15	66.10
3	JPN	Deutsche X-trackers Japan JPX-Nikkei 400 Equity ETF	Asia-Pacific	Large Cap	0.40%	3.50	7.57	63.80
4	AAJ	iShares MSCI All Country Asia ex Japan ETF	Asia-Pacific	Broad Equity	0.69%	4.94	7.75	63.50
5	KWEB	KraneShares CSI China Internet ETF	Asia-Pacific	Technology	0.72%	7.13	8.62	63.10
1	EWP	iShares MSCI Spain Capped ETF	Europe	Broad Equity	0.48%	6.47	8.76	68.60
2	FEZ	SPDR EURO STOXX 50 ETF	Europe	Large Cap	0.29%	5.03	7.20	63.00
3	EWO	iShares MSCI Austria Capped ETF	Europe	Broad Equity	0.48%	4.70	7.07	61.40
4	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.48%	3.45	6.92	61.00
5	FEUZ	First Trust Eurozone AlphaDEX ETF	Europe	Broad Equity	0.80%	6.55	7.44	60.70
1	HACK	PureFunds ISE Cyber Security ETF	Global	Technology	0.75%	5.30	8.19	65.60
2	PPH	VanEck Vectors Pharmaceutical ETF	Global	Health Care	0.35%	4.26	7.56	63.80
3	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	5.32	7.65	63.40
4	ACWF	iShares Edge MSCI Multifactor Global ETF	Global	Broad Equity	0.35%	4.79	7.44	62.70
5	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	6.11	6.69	61.40
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.27%	7.63	9.66	71.60
2	HDAW	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedge	Global Ex-U.S.	High Dividend Yield	0.45%	4.39	7.75	62.30
3	IMTM	iShares Edge MSCI Intl Momentum Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	4.72	7.44	62.10
4	FNDF	Schwab Fundamental International Large Company Index	Global Ex-U.S.	Large Cap	0.32%	3.85	7.55	61.80
5	RODM	Hartford Multifactor Developed Markets (ex-US) ETF	Global Ex-U.S.	Broad Equity	0.39%	6.47	7.93	61.30
1	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	6.04	7.35	60.90
2	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.57	7.04	60.80
3	EWJ	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.75	6.81	60.10
4	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.37	6.72	59.60
5	GXG	Global X MSCI Colombia ETF	Latin America	Broad Equity	0.61%	6.37	7.11	57.10
1	GAF	SPDR S&P Emerging Middle East & Africa ETF	Middle East & Africa	Broad Equity	0.49%	7.05	8.57	64.30
2	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	5.19	7.27	58.60
3	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	5.22	6.94	57.70
4	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	6.10	7.77	57.40
5	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.93%	6.93	6.31	53.40
1	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return	North America	Alpha-Seeking	0.75%	7.12	10.00	72.50
2	CNTR	PowerShares Contrarian Opportunities Portfolio	North America	Broad Equity	0.35%	4.49	8.90	71.00
3	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	North America	Consumer Staples	0.29%	3.96	8.70	70.80
4	PZI	Powershares Zacks Micro Cap Portfolio	North America	Micro Cap	0.81%	6.13	8.89	68.70
5	PJP	Powershares Dynamic Pharmaceuticals Portfolio	North America	Health Care	0.58%	5.36	8.36	68.40

1	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.72%	5.57	7.86	65.00
2	EMGF	iShares Edge MSCI Multifactor Emerging Markets ETF	Emerging Markets	Broad Equity	0.45%	5.52	7.70	62.50
3	EMDV	ProShares MSCI Emerging Markets Dividend Growers ETF	Emerging Markets	Broad Equity	0.60%	7.04	7.74	62.20
4	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.65	7.11	61.70
5	EEMV	iShares Edge MSCI Min Vol Emerging Markets ETF	Emerging Markets	Broad Equity	0.25%	4.54	7.08	61.50
1	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40%	4.11	7.87	63.90
2	EFA	iShares MSCI EAFE ETF	Developed Markets	Broad Equity	0.33%	4.44	7.35	63.60
3	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Developed Markets	Large Cap	0.43%	4.08	7.42	61.90
4	KLDW	GaveKal Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	4.93	7.73	60.80
5	IEFA	iShares Core MSCI EAFE ETF	Developed Markets	Broad Equity	0.08%	3.23	6.28	57.60

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Equity ETF Select List - Strategies

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In	Alpha-Seeking	North America	0.75%	7.12	10.00	72.50
2	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.92	8.18	65.80
3	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	5.16	7.50	62.30
4	HUSE	US Equity Rotation Strategy ETF	Alpha-Seeking	North America	0.95%	7.12	7.87	60.70
5	VALX	Validea Market Legends ETF	Alpha-Seeking	Global	0.79%	6.19	6.81	57.10
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	1.27%	7.63	9.66	71.60
2	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.67	8.73	71.10
3	CNTR	PowerShares Contrarian Opportunities Portfolio	Broad Equity	North America	0.35%	4.49	8.90	71.00
4	EWP	iShares MSCI Spain Capped ETF	Broad Equity	Europe	0.48%	6.47	8.76	68.60
5	EWC	iShares MSCI Canada ETF	Broad Equity	North America	0.48%	3.92	7.60	65.50
1	HDAW	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedged	High Dividend Yield	Global Ex-U.S.	0.45%	4.39	7.75	62.30
2	SPHD	PowerShares S&P 500 High Dividend Portfolio	High Dividend Yield	North America	0.30%	2.13	5.61	56.60
3	JHDG	WisdomTree Japan Hedged Dividend Growth Fund	High Dividend Yield	Asia-Pacific	0.43%	4.71	6.41	56.60
4	GCOW	Pacer Global High Dividend ETF	High Dividend Yield	Developed Markets	0.60%	3.50	6.42	55.90
5	IHDG	WisdomTree International Hedged Dividend Growth Fund	High Dividend Yield	Global Ex-U.S.	0.58%	3.24	6.44	55.80
1	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.47%	5.75	6.96	59.30
2	CSLS	Credit Suisse X-Links Long/Short Equity ETN	Long/Short	Global	0.45%	5.75	7.21	58.80
3	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	1.76	6.71	58.30
4	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	3.07	6.78	57.50
5	MOM	QuantShares U.S. Market Neutral Momentum Fund	Long/Short	North America	0.75%	6.23	5.21	47.90
1	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.64	6.26	54.40
2	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	2.26	5.67	52.20
3	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	5.28	5.31	48.90
4	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	3.29	4.90	47.20
5	PGX	PowerShares Preferred Portfolio	Preferred Stock	North America	0.50%	2.25	3.94	43.30
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.65	7.11	61.70
2	ROBO	Robo-Stox Global Robotics & Automation Index ETF	Theme	Global	0.95%	4.87	6.98	60.00
3	ARKQ	ARK Industrial Innovation ETF	Theme	Global	0.75%	5.75	7.92	60.00
4	ARKK	ARK Innovation ETF	Theme	Global	0.75%	5.87	7.68	59.10
5	ARKW	ARK Web x.0 ETF	Theme	Global	0.75%	5.79	7.60	58.70
1	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	4.97	8.15	66.10
2	JPN	Deutsche X-trackers Japan JPX-Nikkei 400 Equity ETF	Large Cap	Asia-Pacific	0.40%	3.50	7.57	63.80
3	FEZ	SPDR EURO STOXX 50 ETF	Large Cap	Europe	0.29%	5.03	7.20	63.00
4	JHML	John Hancock Multifactor Large Cap ETF	Large Cap	North America	0.35%	2.72	7.39	62.20
5	EQWL	PowerShares Russell Top 200 Equal Weight Portfolio	Large Cap	North America	0.25%	5.58	7.13	62.10

1	EQWM	PowerShares Russell Midcap Equal Weight Portfolio	Mid Cap	North America	0.25%	5.72	7.15	60.90
2	JKG	iShares Morningstar Mid-Cap ETF	Mid Cap	North America	0.25%	4.24	7.00	60.60
3	JHMM	John Hancock Multifactor Mid Cap ETF	Mid Cap	North America	0.45%	3.50	6.95	59.90
4	PXMV	PowerShares Russell Midcap Pure Value Portfolio	Mid Cap	North America	0.39%	3.88	6.93	59.60
5	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	3.79	6.88	59.60
1	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Small Cap	Developed Markets	0.40%	4.11	7.87	63.90
2	IJR	iShares Core S&P Small-Cap ETF	Small Cap	North America	0.07%	3.99	7.28	63.50
3	DWAS	PowerShares DWA SmallCap Momentum Portfolio	Small Cap	North America	0.60%	5.99	7.45	63.30
4	EQWS	PowerShares Russell 2000 Equal Weight Portfolio	Small Cap	North America	0.25%	6.54	7.70	63.00
5	VIOV	Vanguard S&P Small-Cap 600 Value ETF	Small Cap	North America	0.20%	4.62	7.21	62.40
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	6.13	8.89	68.70
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.65	6.63	57.40
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	5.38	6.14	54.00
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.83	5.21	50.10

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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 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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