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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

December 13, 2021

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08	4.88	6.40	59.70
2	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.50	7.43	6.11	58.60
3	GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	Basic Materials	Global	0.60	6.99	6.31	58.00
4	GOEX	Global X Gold Explorers ETF	Basic Materials	Global	0.65	7.56	5.88	56.40
5	SGDM	Sprott Gold Miners ETF	Basic Materials	Global	0.50	6.75	5.54	54.80
1	IYC	iShares U.S. Consumer Services ETF	Consumer Discretionary	North America	0.41	6.67	8.35	70.20
2	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.55	6.72	5.81	57.80
3	IBUY	Amplify Online Retail ETF	Consumer Discretionary	Global	0.65	8.13	6.14	55.80
4	IEDI	iShares Evolved U.S. Discretionary Spending ETF	Consumer Discretionary	North America	0.18	4.57	5.88	55.30
5	EMTY	ProShares Decline of the Retail Store ETF	Consumer Discretionary	North America	0.65	7.53	5.53	53.20
1	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.43	6.28	8.81	75.00
2	FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60	5.58	6.36	60.80
3	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08	4.26	6.12	59.80
4	IECS	iShares Evolved U.S. Consumer Staples ETF	Consumer Staples	North America	0.18	4.35	6.24	59.30
5	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.40	5.46	6.24	59.10
1	PXJ	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63	1.00	8.41	97.70
2	PSCE	Invesco S&P SmallCap Energy ETF	Energy	North America	0.29	6.21	7.79	70.50
3	IEZ	iShares U.S. Oil Equipment & Services ETF	Energy	North America	0.41	6.76	7.63	68.50
4	XLE	Energy Select Sector SPDR Fund	Energy	North America	0.12	6.14	7.06	68.40
5	PXI	Invesco DWA Energy Momentum ETF	Energy	North America	0.60	7.00	6.92	66.30
1	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35	6.92	9.52	78.30
2	DFNL	Davis Select Financial ETF	Financials	Global	0.64	6.92	7.27	61.30
3	KBWD	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	1.24	6.53	6.36	60.40
4	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65	5.82	6.66	57.70
5	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.40	6.49	6.06	55.60
1	IHI	iShares U.S. Medical Devices ETF	Health Care	North America	0.41	6.10	8.99	74.60
2	IBB	iShares Biotechnology ETF	Health Care	North America	0.45	5.98	8.11	69.50
3	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35	6.12	6.32	59.60
4	PPH	VanEck Pharmaceutical ETF	Health Care	Global	0.35	5.57	5.69	57.30
5	IEHS	iShares Evolved U.S. Healthcare Staples ETF	Health Care	North America	0.18	4.65	6.15	56.90
1	JETS	U.S. Global Jets ETF	Industrials	Global	0.60	7.39	6.32	61.00
2	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.40	6.33	6.38	59.50
3	ITA	iShares U.S. Aerospace & Defense ETF	Industrials	North America	0.42	6.85	5.53	58.40

4	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08	5.00	5.55	56.70
5	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70	6.38	5.48	56.60
1	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70	5.61	6.64	60.50
2	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47	5.15	5.91	59.80
3	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.46	5.62	6.10	58.60
4	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35	6.21	5.62	57.70
5	IGE	iShares North American Natural Resources ETF	Natural Resources	Global	0.43	5.90	5.17	56.30
1	IXN	iShares Global Tech ETF	Technology	Global	0.43	7.02	7.63	65.40
2	XNTK	SPDR NYSE Technology ETF	Technology	North America	0.35	7.17	6.29	59.70
3	IYW	iShares US Technology ETF	Technology	North America	0.41	6.45	6.41	59.00
4	CIBR	First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60	6.02	6.19	58.80
5	FTXL	First Trust Nasdaq Semiconductor ETF	Technology	North America	0.60	6.91	6.34	57.70
1	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.42	5.29	6.09	58.20
2	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.12	5.26	5.66	55.90
3	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40	6.14	5.02	51.10
4	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08	4.85	4.75	48.70
5	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35	6.10	4.45	47.50
1	IDU	iShares US Utilities ETF	Utilities	North America	0.41	6.74	8.11	72.00
2	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40	6.43	6.24	59.30
3	UTES	Virtus Reaves Utilities ETF	Utilities	North America	0.49	7.32	6.32	57.90
4	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08	4.94	4.57	51.60
5	PUI	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60	5.63	4.19	50.30

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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	0.51	5.40	7.47	67.40
2	PGJ	Invesco Golden Dragon China ETF	Asia-Pacific	Broad Equity	0.69	7.05	7.77	65.90
3	EPHE	iShares MSCI Philippines ETF	Asia-Pacific	Broad Equity	0.59	5.84	7.18	63.20
4	FNI	First Trust Chindia ETF	Asia-Pacific	Broad Equity	0.60	6.76	7.26	62.40
5	DVYA	iShares Asia/Pacific Dividend ETF	Asia-Pacific	High Dividend Yield	0.49	6.53	6.83	62.40
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59	7.92	10.00	80.10
2	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.51	5.00	6.71	63.20
3	EUDG	WisdomTree Europe Quality Dividend Growth Fund	Europe	High Dividend Yield	0.58	4.87	6.50	59.70
4	IEUR	iShares Core MSCI Europe ETF	Europe	Broad Equity	0.09	4.67	6.10	59.20
5	GSEU	Goldman Sachs ActiveBeta Europe Equity ETF	Europe	Broad Equity	0.25	5.24	6.24	57.90
1	BLOK	Amplify Transformational Data Sharing ETF	Global	Broad Equity	0.71	7.70	7.21	61.40
2	WBIL	WBI BullBear Quality 1000 ETF	Global	Large Cap	1.23	6.14	6.75	60.80
3	FTLS	First Trust Long/Short Equity ETF	Global	Long/Short	1.55	6.18	7.04	60.60
4	FDVV	Fidelity Core Dividend ETF	Global	High Dividend Yield	0.29	4.82	6.45	60.30
5	DRIV	Global X Autonomous & Electric Vehicles ETF	Global	Theme	0.68	5.81	6.43	60.20
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.10	7.64	7.43	64.00
2	IQDG	WisdomTree International Quality Dividend Growth Fund	Global Ex-U.S.	Broad Equity	0.42	4.62	6.52	60.00
3	RODM	Hartford Multifactor Developed Markets (ex-US) ETF	Global Ex-U.S.	Broad Equity	0.29	5.53	6.45	59.70
4	DDWM	WisdomTree Dynamic Currency Hedged International Equity Fund	Global Ex-U.S.	Broad Equity	0.40	5.04	6.28	58.50
5	ISZE	iShares Edge MSCI Intl Size Factor ETF	Global Ex-U.S.	Large Cap	0.30	6.06	5.96	58.20
1	ECH	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59	7.24	9.19	77.00
2	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.48	7.07	7.17	65.60
3	EWZ	iShares MSCI Brazil ETF	Latin America	Broad Equity	0.59	7.23	7.14	65.00
4	BRF	VanEck Brazil Small-Cap ETF	Latin America	Small Cap	0.60	8.53	7.35	62.80
5	EPU	iShares MSCI Peru ETF	Latin America	Broad Equity	0.59	7.30	7.05	62.40
1	UAE	iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.59	5.79	7.14	61.10
2	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59	7.59	6.31	58.40
3	AFK	VanEck Africa Index ETF	Middle East & Africa	Broad Equity	0.79	7.22	5.84	53.80
4	FLZA	Franklin FTSE South Africa ETF	Middle East & Africa	Broad Equity	0.19	7.64	5.76	51.60
5	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.89	7.33	5.57	51.60
1	MDYG	SPDR S&P 400 Mid CapGrowth ETF	North America	Mid Cap	0.15	6.48	9.66	78.40
2	IJS	iShares S&P Small-Cap 600 Value ETF	North America	Small Cap	0.18	6.79	9.01	75.80

3	IJJ	iShares S&P Mid-Cap 400 Value ETF	North America	Mid Cap	0.18	7.02	8.95	75.70
4	IVW	iShares S&P 500 Growth ETF	North America	Large Cap	0.18	5.98	9.23	75.50
5	IJK	iShares S&P Mid-Cap 400 Growth ETF	North America	Mid Cap	0.17	6.98	8.57	73.30
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.60	7.41	7.98	69.40
2	MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets Equity ETF	Emerging Markets	Broad Equity	0.49	6.56	6.57	59.50
3	ISEM	Invesco RAFI Strategic Emerging Markets ETF	Emerging Markets	Large Cap	0.35	5.48	6.50	58.90
4	EELV	Invesco S&P Emerging Markets Low Volatility ETF	Emerging Markets	Broad Equity	0.30	5.08	5.83	56.90
5	GEM	Goldman Sachs ActiveBeta Emerging Markets Equity ETF	Emerging Markets	Broad Equity	0.45	5.51	6.11	56.50
1	ISDX	Invesco RAFI Strategic Developed ex-US ETF	Developed Markets	Large Cap	0.23	4.97	6.77	61.80
2	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30	4.79	6.44	60.60
3	GCOW	Pacer Global Cash Cows Dividend ETF	Developed Markets	High Dividend Yield	0.60	6.00	6.41	59.00
4	AIQ	Global X Future Analytics Tech ETF	Developed Markets	Theme	0.68	5.93	6.20	56.40
5	IDV	iShares International Select Dividend ETF	Developed Markets	High Dividend Yield	0.49	6.00	5.49	56.40

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Equity ETF Select List - Strategies



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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	DBLV	AdvisorShares DoubleLine Value Equity ETF	Alpha-Seeking	North America	0.91	7.42	6.43	59.20
2	FV	First Trust Dorsey Wright Focus 5 ETF	Alpha-Seeking	Global	0.88	6.34	5.96	58.30
3	DWCR	Arrow DWA Country Rotation ETF	Alpha-Seeking	Global Ex-U.S.	1.36	7.55	6.27	57.20
4	DALI	First Trust DorseyWright DALI 1 ETF	Alpha-Seeking	Global	0.81	6.15	5.37	53.90
5	FVC	First Trust Dorsey Wright Dynamic Focus 5 ETF	Alpha-Seeking	Global	0.79	6.32	5.36	53.60
1	TUR	iShares MSCI Turkey ETF	Broad Equity	Europe	0.59	7.92	10.00	80.10
2	ECH	iShares MSCI Chile ETF	Broad Equity	Latin America	0.59	7.24	9.19	77.00
3	ONEQ	Fidelity NASDAQ Composite Index Tracking Stock ETF	Broad Equity	North America	0.21	6.87	8.48	69.90
4	EWM	iShares MSCI Malaysia ETF	Broad Equity	Asia-Pacific	0.51	5.40	7.47	67.40
5	PGJ	Invesco Golden Dragon China ETF	Broad Equity	Asia-Pacific	0.69	7.05	7.77	65.90
1	QYLD	Global X Nasdaq 100 Covered Call ETF	Buywrite	North America	0.60	5.12	7.66	65.90
2	FTLB	First Trust Hedged BuyWrite Income ETF	Buywrite	Global	0.85	5.69	5.01	50.80
3	SLVO	Credit Suisse X-Links Silver Shares Covered Call ETN	Buywrite	Global	0.65	6.51	4.89	50.00
4	GLDI	Credit Suisse X-Links Gold Shares Covered Call ETN	Buywrite	Global	0.65	5.45	3.06	39.80
5	VEGA	AdvisorShares STAR Global Buy-Write ETF	Buywrite	Global	2.02	5.86	3.17	38.80
1	DVYA	iShares Asia/Pacific Dividend ETF	High Dividend Yield	Asia-Pacific	0.49	6.53	6.83	62.40
2	SPYD	SPDR Portfolio S&P 500 High Dividend ETF	High Dividend Yield	North America	0.07	5.63	6.17	61.90
3	SDVY	First Trust SMID Cap Rising Dividend Archivers ETF	High Dividend Yield	North America	0.60	6.12	6.35	61.40
4	SPDV	AAM S&P 500 High Dividend Value ETF	High Dividend Yield	North America	0.29	7.06	6.95	60.70
5	RDVY	First Trust NASDAQ Rising Dividend Achievers	High Dividend Yield	North America	0.50	5.63	6.21	60.60
1	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.55	6.18	7.04	60.60
2	HTUS	Hull Tactical US ETF	Long/Short	North America	0.97	7.37	6.12	55.10
3	CLIX	ProShares Long Online/Short Stores ETF	Long/Short	North America	0.65	7.63	5.96	54.80
4	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77	4.61	5.59	54.10
5	DIVA	AGFIQ HEDGED DIVIDEND INCOME FUND	Long/Short	North America	1.21	7.70	5.02	46.70
1	PFXF	VanEck Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40	4.06	5.52	54.80
2	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.46	4.43	4.25	48.60
3	VRP	Invesco Variable Rate Preferred ETF	Preferred Stock	North America	0.50	4.43	4.09	48.00
4	SPFF	Global X Super Income Preferred ETF	Preferred Stock	North America	0.58	4.84	4.38	47.70
5	PSK	SPDR ICE Preferred Securities ETF	Preferred Stock	North America	0.45	4.79	4.04	47.50
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.60	7.41	7.98	69.40
2	IFRA	iShares U.S. Infrastructure ETF	Theme	North America	0.40	5.84	6.29	62.80

3	ESGU	iShares MSCI USA ESG Optimized ETF	Theme	North America	0.15	5.19	6.60	62.10
4	MAGA	Point Bridge Gop Stock Tracker ETF	Theme	North America	0.72	7.54	7.05	61.90
5	WIL	Barclays Women in Leadership ETN	Theme	North America	0.45	8.64	7.14	60.90
1	IVW	iShares S&P 500 Growth ETF	Large Cap	North America	0.18	5.98	9.23	75.50
2	SPYG	SPDR Portfolio S&P 500 Growth ETF	Large Cap	North America	0.04	4.94	8.64	72.30
3	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04	5.26	8.02	70.30
4	VONG	Vanguard Russell 1000 Growth ETF	Large Cap	North America	0.08	5.96	8.29	69.70
5	ILF	iShares Latin America 40 ETF	Large Cap	Latin America	0.48	7.07	7.17	65.60
1	MDYG	SPDR S&P 400 Mid CapGrowth ETF	Mid Cap	North America	0.15	6.48	9.66	78.40
2	IJJ	iShares S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.18	7.02	8.95	75.70
3	IJK	iShares S&P Mid-Cap 400 Growth ETF	Mid Cap	North America	0.17	6.98	8.57	73.30
4	IWR	iShares Russell Mid-Cap ETF	Mid Cap	North America	0.19	6.14	7.95	70.10
5	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15	6.19	7.31	66.20
1	IJS	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.18	6.79	9.01	75.80
2	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15	6.29	8.58	72.50
3	SLYV	SPDR S&P 600 Small CapValue ETF	Small Cap	North America	0.15	6.38	7.80	68.60
4	DES	WisdomTree U.S. SmallCap Dividend Fund	Small Cap	North America	0.38	6.46	7.51	66.10
5	VTWO	Vanguard Russell 2000 ETF	Small Cap	North America	0.10	6.50	7.10	64.90
1	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	1.32	7.57	6.28	57.30
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60	6.54	3.72	45.00
3	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60	6.89	2.83	39.80

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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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