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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

ETFGlobal[®]

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	SLVP	iShares MSCI Global Silver Miners ETF	Basic Materials	Global	0.39%	5.85	8.21	61.50
2	PSAU	Invesco Global Gold and Precious Metals ETF	Basic Materials	Global	0.75%	5.86	7.11	57.40
3	GDV	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.53%	4.52	6.50	56.10
4	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	4.66	6.38	56.00
5	GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	Basic Materials	Global	0.60%	6.88	7.35	55.30
1	ECON	Columbia Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.59%	6.31	9.26	67.60
2	PMR	Invesco Dynamic Retail ETF	Consumer Discretionary	North America	0.63%	6.24	8.30	63.60
3	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.50	7.72	62.30
4	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.61%	4.88	7.32	58.10
5	FOANC	Gabelli Food of All Nations NextShares	Consumer Discretionary	Global	0.90%	7.58	7.37	54.90
1	PSCC	Invesco S&P SmallCap Consumer Staples ETF	Consumer Staples	North America	0.29%	4.18	7.68	63.40
2	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.48%	5.90	7.54	62.30
3	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.93	6.89	60.40
4	PBJ	Invesco Dynamic Food & Beverage ETF	Consumer Staples	North America	0.58%	4.86	6.82	57.30
5	IYK	iShares US Consumer Goods ETF	Consumer Staples	North America	0.44%	3.83	6.49	56.50
1	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.19	8.93	69.20
2	EMLP	First Trust North American Energy Infrastructure Fund	Energy	North America	0.95%	3.68	7.57	61.30
3	PXI	Invesco DWA Energy Momentum ETF	Energy	North America	0.60%	6.53	6.77	59.70
4	AMLP	Alerian MLP ETF	Energy	North America	0.85%	6.12	7.78	58.10
5	PXJ	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63%	6.76	6.94	57.40
1	KBWR	Invesco KBW Regional Banking ETF	Financials	North America	0.35%	5.83	7.75	61.30
2	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35%	6.07	7.46	60.60
3	KBWB	Invesco KBW Bank ETF	Financials	North America	0.35%	4.38	6.21	54.80
4	EUFN	iShares MSCI Europe Financials ETF	Financials	Europe	0.48%	5.12	6.42	54.20
5	CHIX	Global X MSCI China Financials ETF	Financials	Asia-Pacific	0.65%	4.92	7.03	53.00
1	IXJ	iShares Global Healthcare ETF	Health Care	Global	0.48%	4.79	9.59	71.00
2	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	5.17	9.51	69.40
3	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	6.40	8.26	63.70
4	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.84	8.23	62.60
5	PJP	Invesco Dynamic Pharmaceuticals ETF	Health Care	North America	0.56%	6.06	7.70	61.70
1	CARZ	First Trust NASDAQ Global Auto Index Fund	Industrials	Global	0.70%	6.14	9.89	69.80
2	FLM	First Trust Global Engineering and Construction ETF	Industrials	Global	0.70%	6.97	7.73	63.30
3	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	5.93	7.05	57.30

4	IYT	iShares Transportation Average ETF	Industrials	North America	0.44%	5.37	5.93	56.70
5	PKB	Invesco Dynamic Building & Construction ETF	Industrials	North America	0.63%	6.45	6.41	55.70
1	PAGG	Invesco Global Agriculture ETF	Natural Resources	Global	0.77%	6.00	7.12	56.70
2	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	4.34	6.50	55.20
3	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	5.15	6.31	52.40
4	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	3.93	6.00	51.80
5	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	3.12	5.57	51.10
1	FTXL	First Trust Nasdaq Semiconductor ETF	Technology	North America	0.60%	5.76	7.44	60.80
2	IGN	iShares North American Tech-Multimedia Networking ETF	Technology	North America	0.48%	4.73	7.44	60.30
3	SOXX	iShares PHLX Semiconductor ETF	Technology	North America	0.48%	5.04	6.92	59.10
4	FINX	Global X FinTech Thematic ETF	Technology	Global	0.68%	5.20	7.60	58.80
5	CQQQ	Invesco China Technology ETF	Technology	Asia-Pacific	0.70%	6.34	7.89	57.80
1	VOX	Vanguard Communication Services ETF	Telecommunications	North America	0.10%	5.08	7.26	56.90
2	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.73	6.51	55.70
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.44%	4.39	6.28	54.90
4	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.48%	5.78	6.11	50.80
5	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	4.19	6.51	50.60
1	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.02	7.41	61.40
2	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	3.44	6.95	57.90
3	UTES	Reaves Utilities ETF	Utilities	North America	0.95%	5.79	7.32	55.10
4	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	2.65	5.22	52.00
5	RYU	Invesco S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	4.13	5.20	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 ETF	Asia-Pacific	Broad Equity	0.62%	3.95	9.46	72.40
2	EWM	iShares MSCI Malaysia ETF	Asia-Pacific	Broad Equity	0.49%	4.18	8.62	67.50
3	FNI	First Trust Chindia ETF	Asia-Pacific	Broad Equity	0.60%	5.25	9.20	65.90
4	EIDO	iShares MSCI Indonesia ETF	Asia-Pacific	Broad Equity	0.63%	3.35	8.61	65.10
5	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.74%	4.62	8.44	64.80
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62%	6.43	10.00	72.80
2	EWP	iShares MSCI Spain ETF	Europe	Broad Equity	0.49%	5.36	8.86	67.40
3	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.49%	3.43	8.22	64.80
4	EWI	iShares MSCI Italy ETF	Europe	Broad Equity	0.49%	5.80	7.96	62.40
5	FEZ	SPDR EURO STOXX 50 ETF	Europe	Large Cap	0.29%	4.60	7.65	62.40
1	IXJ	iShares Global Healthcare ETF	Global	Health Care	0.48%	4.79	9.59	71.00
2	CARZ	First Trust NASDAQ Global Auto Index Fund	Global	Industrials	0.70%	6.14	9.89	69.80
3	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	6.19	8.93	69.20
4	SEA	Invesco Shipping ETF	Global	Theme	0.65%	6.71	8.38	64.50
5	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	6.40	8.26	63.70
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	0.89%	7.46	9.25	66.50
2	TLTD	FlexShares Morningstar Developed Markets ex-US Factor Tilt Index F	Global Ex-U.S.	Broad Equity	0.39%	4.59	7.91	61.70
3	TLTE	FlexShares Morningstar Emerging Markets Factor Tilt Index Fund	Global Ex-U.S.	Broad Equity	0.59%	4.57	7.37	57.70
4	IGRO	iShares International Dividend Growth ETF	Global Ex-U.S.	Broad Equity	0.22%	4.38	7.14	57.60
5	VIGI	Vanguard International Dividend Appreciation ETF	Global Ex-U.S.	Broad Equity	0.25%	3.61	7.12	57.30
1	EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.49%	5.23	9.16	69.10
2	EWZ	iShares MSCI Brazil ETF	Latin America	Broad Equity	0.63%	5.41	8.51	65.60
3	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	5.17	7.62	61.20
4	EPU	iShares MSCI Peru ETF	Latin America	Broad Equity	0.63%	4.27	7.66	60.10
5	FLN	First Trust Latin America AlphaDEX Fund	Latin America	Broad Equity	0.80%	5.78	7.67	59.70
1	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.59	9.22	67.40
2	KSA	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	4.79	7.52	54.50
3	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.62%	4.46	6.57	53.40
4	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.88%	5.58	6.81	52.70
5	ITEQ	BlueStar Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.27	6.89	52.60
1	IWR	iShares Russell Mid-Cap ETF	North America	Mid Cap	0.20%	4.83	9.06	69.50
2	IBB	iShares Nasdaq Biotechnology ETF	North America	Health Care	0.47%	5.17	9.51	69.40

3	SPYG	SPDR Portfolio S&P 500 Growth ETF	North America	Large Cap	0.04%	4.64	9.00	68.70
4	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	4.73	8.92	67.60
5	SLY	SPDR S&P 600 Small CapETF	North America	Small Cap	0.15%	5.23	8.70	67.00
1	ECON	Columbia Emerging Markets Consumer ETF	Emerging Markets	Consumer Discretionary	0.59%	6.31	9.26	67.60
2	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	5.95	8.73	65.90
3	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.69%	4.71	8.19	63.80
4	VWO	Vanguard FTSE Emerging Markets ETF	Emerging Markets	Broad Equity	0.14%	3.78	8.20	62.40
5	PXR	Invesco Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.50	8.17	62.30
1	HEDJ	WisdomTree Europe Hedged Equity Fund	Developed Markets	Broad Equity	0.58%	3.96	8.06	63.80
2	EFA	iShares MSCI EAFE ETF	Developed Markets	Broad Equity	0.32%	4.30	7.78	63.30
3	BFIT	Global X Health & Wellness Thematic ETF	Developed Markets	Theme	0.50%	4.24	7.80	58.90
4	IEFA	iShares Core MSCI EAFE ETF	Developed Markets	Broad Equity	0.08%	3.05	6.97	58.60
5	IDLV	Invesco S&P International Developed Low Volatility ETF	Developed Markets	Broad Equity	0.25%	2.96	6.96	57.30

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return Ir	Alpha-Seeking	North America	0.75%	6.89	7.94	59.40
2	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.91	7.16	58.80
3	KNOW	Direxion All Cap Insider Sentiment Shares	Alpha-Seeking	North America	0.59%	4.93	7.03	58.30
4	FPXI	First Trust International IPO ETF	Alpha-Seeking	Global Ex-U.S.	0.70%	5.78	8.13	57.10
5	DWAQ	Invesco DWA NASDAQ Momentum ETF	Alpha-Seeking	North America	0.60%	7.01	6.83	54.40
1	TUR	iShares MSCI Turkey ETF	Broad Equity	Europe	0.62%	6.43	10.00	72.80
2	EWY	iShares MSCI South Korea ETF	Broad Equity	Asia-Pacific	0.62%	3.95	9.46	72.40
3	EWW	iShares MSCI Mexico ETF	Broad Equity	Latin America	0.49%	5.23	9.16	69.10
4	EWM	iShares MSCI Malaysia ETF	Broad Equity	Asia-Pacific	0.49%	4.18	8.62	67.50
5	EWP	iShares MSCI Spain ETF	Broad Equity	Europe	0.49%	5.36	8.86	67.40
1	DVYE	iShares Emerging Markets Dividend ETF	High Dividend Yield	Emerging Markets	0.49%	4.20	7.13	58.90
2	DEM	WisdomTree Emerging Markets High Dividend Fund	High Dividend Yield	Emerging Markets	0.63%	4.88	7.09	57.20
3	FGD	First Trust DJ Global Select Dividend Index Fund	High Dividend Yield	Global	0.58%	5.23	6.60	56.80
4	IDHD	Invesco S&P International Developed High Dividend Low Volatility ETF	High Dividend Yield	Global Ex-U.S.	0.30%	5.10	7.62	56.70
5	SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	2.42	6.01	55.40
1	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77%	1.85	6.84	54.90
2	CLIX	ProShares Long Online/Short Stores ETF	Long/Short	North America	0.65%	6.59	6.72	54.80
3	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48%	4.55	6.14	52.70
4	DIVA	AGFiQ Hedged Dividend Income Fund	Long/Short	North America	0.75%	6.68	6.34	47.10
5	CHEP	AGFiQ US Market Neutral Value Fund	Long/Short	North America	0.75%	6.90	6.29	46.70
1	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	3.09	5.22	48.40
2	PGF	Invesco Financial Preferred ETF	Preferred Stock	North America	0.63%	3.53	4.62	42.90
3	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	5.00	4.82	42.40
4	PFFD	Global X US Preferred ETF	Preferred Stock	North America	0.23%	3.90	4.10	37.20
5	PREF	Principal Spectrum Preferred Securities Active ETF	Preferred Stock	Global	0.55%	5.23	3.97	37.00
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	5.95	8.73	65.90
2	SEA	Invesco Shipping ETF	Theme	Global	0.65%	6.71	8.38	64.50
3	PXR	Invesco Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.50	8.17	62.30
4	NLR	VanEck Vectors Uranium+Nuclear Energy ETF	Theme	Global	0.61%	6.37	7.40	60.90
5	BFIT	Global X Health & Wellness Thematic ETF	Theme	Developed Markets	0.50%	4.24	7.80	58.90
1	SPYG	SPDR Portfolio S&P 500 Growth ETF	Large Cap	North America	0.04%	4.64	9.00	68.70
2	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	4.73	8.92	67.60

3	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.74%	4.62	8.44	64.80
4	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04%	4.34	7.73	62.80
5	FEZ	SPDR EURO STOXX 50 ETF	Large Cap	Europe	0.29%	4.60	7.65	62.40
1	IWR	iShares Russell Mid-Cap ETF	Mid Cap	North America	0.20%	4.83	9.06	69.50
2	MDYG	SPDR S&P 400 Mid CapGrowth ETF	Mid Cap	North America	0.15%	5.20	7.72	62.10
3	DON	WisdomTree U.S. MidCap Dividend Fund	Mid Cap	North America	0.38%	5.32	7.31	60.00
4	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15%	4.76	7.02	59.10
5	DIM	WisdomTree International MidCap Dividend Fund	Mid Cap	Developed Markets	0.58%	5.41	6.41	55.40
1	SLY	SPDR S&P 600 Small CapETF	Small Cap	North America	0.15%	5.23	8.70	67.00
2	HAO	Invesco China Small Cap ETF	Small Cap	Asia-Pacific	0.75%	5.84	8.13	62.60
3	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15%	5.12	7.52	61.10
4	RZV	Invesco S&P SmallCap 600 Pure Value ETF	Small Cap	North America	0.35%	5.14	7.51	59.90
5	DES	WisdomTree U.S. SmallCap Dividend Fund	Small Cap	North America	0.38%	5.50	7.27	59.00
1	PZI	Invesco Zacks Micro Cap ETF	Micro Cap	North America	1.24%	5.25	7.60	58.40
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	4.42	5.13	47.20
3	WMCR	Invesco Wilshire Micro-Cap ETF	Micro Cap	North America	0.58%	6.11	5.51	46.10
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.27	4.30	42.40

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*Key

***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 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

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