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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



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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	PSCM	Invesco S&P SmallCap Materials ETF	Basic Materials	North America	0.29%	5.66	8.08	65.90
2	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	5.59	7.24	64.60
3	PYZ	Invesco DWA Basic Materials Momentum ETF	Basic Materials	North America	0.60%	5.83	7.51	64.60
4	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	6.30	7.60	63.50
5	RTM	Invesco S&P 500 Equal Weight Materials ETF	Basic Materials	North America	0.40%	6.16	7.27	63.30
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.75	8.98	73.20
2	PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	Consumer Discretionary	North America	0.29%	5.31	8.89	68.50
3	RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ETF	Consumer Discretionary	North America	0.40%	5.92	7.68	64.30
4	XHB	SPDR S&P Homebuilders ETF	Consumer Discretionary	North America	0.35%	2.63	6.25	63.00
5	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.63%	5.71	7.03	60.80
1	RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	Consumer Staples	North America	0.40%	4.76	5.82	58.00
2	FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60%	4.91	6.47	58.00
3	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08%	2.07	6.25	57.50
4	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.40%	3.96	6.39	57.20
5	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.47%	5.88	5.82	55.80
1	FCG	First Trust Natural Gas ETF	Energy	North America	0.60%	6.39	9.89	80.10
2	PXE	Invesco Dynamic Energy Exploration & Production ETF	Energy	North America	0.65%	5.92	9.51	79.50
3	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.89	9.75	78.20
4	AMLPL	Alerian MLP ETF	Energy	North America	0.85%	5.27	9.37	77.20
5	PXJ	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63%	3.90	8.67	77.00
1	KBWB	Invesco KBW Bank ETF	Financials	North America	0.35%	6.13	9.55	75.30
2	KBWR	Invesco KBW Regional Banking ETF	Financials	North America	0.35%	7.27	9.78	75.10
3	QABA	First Trust NASDAQ ABA Community Bank Index Fund	Financials	North America	0.60%	6.64	9.58	73.40
4	KBWD	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	2.42%	6.81	8.97	70.50
5	FXO	First Trust Financial AlphaDEX Fund	Financials	North America	0.63%	6.34	8.54	68.70
1	XBI	SPDR S&P Biotech ETF	Health Care	North America	0.35%	4.86	8.30	69.10
2	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	3.89	6.54	58.00
3	JHMH	John Hancock Multifactor Healthcare ETF	Health Care	North America	0.40%	3.85	6.74	56.50
4	KMED	KraneShares Emerging Markets Healthcare Index ETF	Health Care	Emerging Markets	0.79%	6.65	7.12	56.30
5	FHLC	Fidelity MSCI Health Care Index ETF	Health Care	North America	0.08%	2.38	6.46	56.00
1	XTN	SPDR S&P Transportation ETF	Industrials	North America	0.35%	5.19	9.30	77.00
2	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	7.08	7.75	66.00
3	FLM	First Trust Global Engineering and Construction ETF	Industrials	Global	0.70%	7.22	7.43	64.50

4	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	5.89	7.44	64.50
5	PKB	Invesco Dynamic Building & Construction ETF	Industrials	North America	0.58%	6.44	7.33	63.40
1	IGE	iShares North American Natural Resources ETF	Natural Resources	Global	0.47%	5.03	7.92	68.20
2	GRES	IQ Global Resources ETF	Natural Resources	Global	0.78%	4.85	7.72	63.60
3	TBLU	Tortoise Water Fund	Natural Resources	North America	0.40%	5.34	7.77	62.80
4	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47%	4.60	6.76	59.60
5	GNR	SPDR S&P Global Natural Resources ETF	Natural Resources	Global	0.40%	5.14	6.45	59.00
1	FONE	First Trust Nasdaq Smartphone Index Fund	Technology	Global	0.70%	6.78	7.48	61.70
2	DTEC	ALPS Disruptive Technologies ETF	Technology	Global	0.50%	5.10	7.27	61.50
3	XT	iShares Exponential Technologies ETF	Technology	Global	0.47%	3.87	6.40	57.80
4	RYT	Invesco S&P 500 Equal Weight Technology ETF	Technology	North America	0.40%	5.08	6.03	55.70
5	IFLY	ETFMG Drone Economy Strategy ETF	Technology	Global	0.75%	7.61	6.80	55.20
1	EWCN	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40%	5.46	6.77	57.40
2	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.13%	4.33	6.24	55.60
3	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	2.95	6.40	54.50
4	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.80	5.71	51.70
5	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	3.30	4.23	43.50
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40%	5.28	7.08	60.80
2	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	3.53	6.69	60.00
3	PUI	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60%	3.11	5.89	59.40
4	FXU	First Trust Utilities AlphaDEX Fund	Utilities	North America	0.62%	4.48	5.50	55.00
5	RYU	Invesco S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	5.46	4.66	51.00

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Equity ETF Select List - Geography



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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EPHE	iShares MSCI Philippines ETF	Asia-Pacific	Broad Equity	0.59%	4.96	8.51	66.80
2	EWM	iShares MSCI Malaysia ETF	Asia-Pacific	Broad Equity	0.47%	4.67	7.81	66.20
3	THD	iShares MSCI Thailand ETF	Asia-Pacific	Broad Equity	0.59%	5.14	7.85	65.20
4	EWS	iShares MSCI Singapore ETF	Asia-Pacific	Broad Equity	0.47%	3.89	7.49	64.50
5	EWY	iShares MSCI South Korea ETF	Asia-Pacific	Broad Equity	0.59%	4.48	7.59	64.10
1	EUFN	iShares MSCI Europe Financials ETF	Europe	Financials	0.48%	5.33	7.56	62.90
2	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59%	6.64	7.41	62.60
3	EWGS	iShares MSCI Germany Small-Cap ETF	Europe	Small Cap	0.59%	5.17	7.24	60.50
4	EIRL	iShares MSCI Ireland ETF	Europe	Broad Equity	0.47%	4.69	7.31	60.30
5	HEWG	iShares Currency Hedged MSCI Germany ETF	Europe	Broad Equity	0.53%	3.81	7.11	60.10
1	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.89	9.75	78.20
2	FRAK	VanEck Vectors Unconventional Oil & Gas ETF	Global	Energy	0.54%	6.47	9.35	75.10
3	KOL	VanEck Vectors Coal ETF	Global	Energy	0.60%	7.18	8.58	70.40
4	IGE	iShares North American Natural Resources ETF	Global	Natural Resources	0.47%	5.03	7.92	68.20
5	ACIM	SPDR MSCI ACWI IMI ETF US	Global	Broad Equity	0.25%	7.05	8.40	67.00
1	MOTI	VanEck Vectors Morningstar International Moat ETF	Global Ex-U.S.	Broad Equity	0.56%	5.95	7.35	61.60
2	IQLT	iShares Edge MSCI Intl Quality Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	2.36	6.75	59.60
3	HDAW	X-trackers MSCI All World ex US High Dividend Yield Equity ETF	Global Ex-U.S.	High Dividend Yield	0.20%	5.55	7.86	59.50
4	FID	First Trust S&P International Dividend Aristocrats ETF	Global Ex-U.S.	Broad Equity	0.60%	5.11	6.86	59.00
5	ESGD	iShares ESG MSCI EAFE ETF	Global Ex-U.S.	Theme	0.20%	3.84	6.57	59.00
1	ECH	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59%	6.49	8.84	71.90
2	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.48%	6.28	8.14	67.70
3	EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.47%	5.49	7.70	65.40
4	EWZ	iShares MSCI Brazil ETF	Latin America	Broad Equity	0.59%	6.36	7.39	63.00
5	ARGT	Global X MSCI Argentina ETF	Latin America	Broad Equity	0.59%	7.29	7.93	62.50
1	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59%	6.87	7.83	63.70
2	AFK	VanEck Vectors Africa Index ETF	Middle East & Africa	Broad Equity	0.84%	6.17	8.02	62.60
3	UAE	iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.59%	4.13	6.50	55.40
4	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	4.20	6.53	53.50
5	KSA	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	3.82	5.24	49.60
1	FCG	First Trust Natural Gas ETF	North America	Energy	0.60%	6.39	9.89	80.10
2	PXE	Invesco Dynamic Energy Exploration & Production ETF	North America	Energy	0.65%	5.92	9.51	79.50

3	AML	Alerian MLP ETF	North America	Energy	0.85%	5.27	9.37	77.20
4	PXJ	Invesco Dynamic Oil & Gas Services ETF	North America	Energy	0.63%	3.90	8.67	77.00
5	XTN	SPDR S&P Transportation ETF	North America	Industrials	0.35%	5.19	9.30	77.00
1	ICOL	iShares MSCI Colombia Capped ETF	Emerging Markets	Broad Equity	0.61%	5.46	7.76	63.90
2	DVYE	iShares Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.72	7.33	62.10
3	DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	Emerging Markets	Small Cap	0.63%	5.70	7.13	60.60
4	EDIV	SPDR S&P Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.76	7.20	60.30
5	ISEM	Invesco Strategic Emerging Markets ETF	Emerging Markets	Large Cap	0.35%	6.09	7.36	60.30
1	PID	Invesco International Dividend Achievers ETF	Developed Markets	High Dividend Yield	0.55%	5.48	7.63	63.80
2	IDLV	Invesco S&P International Developed Low Volatility ETF	Developed Markets	Broad Equity	0.25%	3.46	6.71	61.00
3	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30%	3.16	6.85	60.10
4	GWX	SPDR S&P International Small Cap ETF	Developed Markets	Small Cap	0.40%	4.93	6.43	57.10
5	KLDW	Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	4.74	6.84	56.20

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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%	4.38	7.08	66.10
2	RYJ	Invesco Raymond James SB-1 Equity ETF	Alpha-Seeking	North America	0.75%	5.72	7.75	65.30
3	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return Ir	Alpha-Seeking	North America	0.75%	5.29	7.87	62.90
4	BUY	USCF SummerHaven SHPEI Index Fund	Alpha-Seeking	North America	0.95%	7.12	7.58	62.00
5	DWAQ	Invesco DWA NASDAQ Momentum ETF	Alpha-Seeking	North America	0.60%	5.21	7.38	61.30
1	ECH	iShares MSCI Chile ETF	Broad Equity	Latin America	0.59%	6.49	8.84	71.90
2	FAB	First Trust Multi Cap Value AlphaDEX Fund	Broad Equity	North America	0.70%	6.68	8.55	68.40
3	FCAN	First Trust Canada AlphaDEX Fund	Broad Equity	North America	0.80%	5.76	8.46	68.00
4	ACIM	SPDR MSCI ACWI IMI ETF US	Broad Equity	Global	0.25%	7.05	8.40	67.00
5	EPHE	iShares MSCI Philippines ETF	Broad Equity	Asia-Pacific	0.59%	4.96	8.51	66.80
1	SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	5.10	8.84	73.20
2	DVY	iShares Select Dividend ETF	High Dividend Yield	North America	0.39%	5.56	7.90	67.70
3	FDL	First Trust Morningstar Dividend Leaders Index	High Dividend Yield	North America	0.45%	4.17	8.25	66.90
4	PEY	Invesco High Yield Equity Dividend Achievers ETF	High Dividend Yield	North America	0.54%	5.15	7.54	65.50
5	SDIV	Global X SuperDividend ETF	High Dividend Yield	Global	0.58%	5.81	7.73	64.40
1	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.78%	2.56	7.91	63.00
2	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48%	4.57	6.58	55.90
3	QMN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	1.01%	3.07	6.86	55.50
4	JPLS	JPMorgan Long/Short ETF	Long/Short	Developed Markets	0.69%	3.71	6.63	55.30
5	DIVA	AGFiQ Hedged Dividend Income Fund	Long/Short	North America	0.75%	8.61	7.17	55.20
1	PFXE	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	3.11	7.40	62.50
2	PGF	Invesco Financial Preferred ETF	Preferred Stock	North America	0.63%	2.65	5.93	55.00
3	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.15	5.96	54.40
4	PGX	Invesco Preferred ETF	Preferred Stock	North America	0.51%	2.15	5.58	53.40
5	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.16	5.15	50.70
1	OBOR	KraneShares MSCI One Belt One Road ETF	Theme	Asia-Pacific	0.78%	5.91	7.80	62.40
2	KOMP	SPDR Kensho New Economies Composite ETF	Theme	North America	0.20%	5.22	7.20	61.50
3	IFRA	iShares U.S. Infrastructure ETF	Theme	North America	0.40%	5.64	6.73	61.40
4	ESG	FlexShares STOXX US ESG Impact Index Fund	Theme	North America	0.32%	3.16	6.25	61.20
5	KRMA	Global X Conscious Companies ETF	Theme	North America	0.43%	4.40	7.30	60.90
1	SDOG	ALPS Sector Dividend Dogs ETF	Large Cap	North America	0.40%	6.12	9.27	74.60
2	SPHB	Invesco S&P 500 High Beta ETF	Large Cap	North America	0.25%	5.64	8.40	69.90

3	ILF	iShares Latin America 40 ETF	Large Cap	Latin America	0.48%	6.28	8.14	67.70
4	RSP	Invesco S&P 500 Equal Weight ETF	Large Cap	North America	0.20%	4.79	7.55	66.00
5	FLAG	Forensic Accounting Long-Short ETF	Large Cap	North America	1.15%	7.60	8.40	65.00
1	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15%	5.34	9.10	73.30
2	FNK	First Trust Mid Cap Value AlphaDEX Fund	Mid Cap	North America	0.70%	6.12	9.27	73.20
3	RFV	Invesco S&P MidCap 400 Pure Value ETF	Mid Cap	North America	0.35%	6.13	9.32	73.00
4	EZM	WisdomTree U.S. MidCap Earnings Fund	Mid Cap	North America	0.38%	5.38	8.34	68.10
5	IVOV	Vanguard S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.20%	5.50	8.17	67.60
1	EES	WisdomTree U.S. SmallCap Earnings Fund	Small Cap	North America	0.38%	5.42	10.00	76.80
2	IJR	iShares Core S&P Small-Cap ETF	Small Cap	North America	0.07%	4.51	9.43	75.40
3	FYX	First Trust Small Cap Core AlphaDEX Fund	Small Cap	North America	0.63%	5.97	9.60	75.10
4	IJS	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.25%	5.53	9.29	74.10
5	VIOV	Vanguard S&P Small-Cap 600 Value ETF	Small Cap	North America	0.20%	5.62	9.04	72.10
1	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.86	9.27	72.60
2	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.88	8.45	67.60
3	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	0.99%	6.78	5.91	51.90

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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. ◆◆◆◆◆◆◆◆◆◆

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