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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.

continued on next page

Equity ETF Select List - Sectors

ETFGlobal[®]

August 6, 2018

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	MATE	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	4.85	6.65	57.20
2	JHMA	John Hancock Multifactor Materials ETF	Basic Materials	North America	0.50%	5.01	6.37	55.90
3	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	2.76	5.97	53.90
4	SLVP	iShares MSCI Global Silver Miners ETF	Basic Materials	Global	0.39%	5.90	6.05	53.20
5	GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	Basic Materials	Global	0.60%	5.84	6.50	52.90
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.89	6.80	60.60
2	PMR	Invesco Dynamic Retail ETF	Consumer Discretionary	North America	0.63%	5.58	6.69	58.00
3	CNDX	iShares Edge MSCI Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.35%	4.35	6.81	57.80
4	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.63%	4.23	6.31	56.20
5	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.61%	4.85	6.18	55.10
1	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.48%	5.81	7.62	65.50
2	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.70	6.72	62.30
3	PSCC	Invesco S&P SmallCap Consumer Staples ETF	Consumer Staples	North America	0.29%	4.18	6.78	60.80
4	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	2.54	6.71	60.60
5	VDC	Vanguard Consumer Staples ETF	Consumer Staples	North America	0.10%	3.75	6.71	60.40
1	AMLP	Alerian MLP ETF	Energy	North America	0.85%	6.30	8.51	65.10
2	EMLP	First Trust North American Energy Infrastructure Fund	Energy	North America	0.95%	4.46	7.37	63.50
3	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	4.83	6.99	62.70
4	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.75	6.76	61.50
5	PXI	Invesco DWA Energy Momentum ETF	Energy	North America	0.60%	6.34	6.66	60.90
1	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35%	6.20	7.01	61.30
2	FTXO	First Trust Nasdaq Bank ETF	Financials	North America	0.60%	3.96	6.70	58.80
3	DXJF	WisdomTree Japan Hedged Financials Fund	Financials	Asia-Pacific	0.48%	5.87	6.73	57.80
4	DFNL	Davis Select Financial ETF	Financials	Global	0.65%	5.10	6.98	56.00
5	FNCF	iShares Edge MSCI Multifactor Financials ETF	Financials	North America	0.35%	4.63	6.41	55.60
1	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.99	10.00	76.50
2	IXJ	iShares Global Healthcare ETF	Health Care	Global	0.48%	4.76	8.84	71.20
3	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.31	7.94	64.70
4	IHE	iShares US Pharmaceuticals ETF	Health Care	North America	0.44%	5.59	7.44	62.10
5	BTEC	Principal Healthcare Innovators Index ETF	Health Care	North America	0.42%	6.12	7.97	60.90
1	IYT	iShares Transportation Average ETF	Industrials	North America	0.44%	5.40	6.64	63.10
2	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08%	2.86	6.97	61.90
3	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	5.33	6.79	61.40

4	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.50%	4.31	6.70	59.30
5	FLM	First Trust Global Engineering and Construction ETF	Industrials	Global	0.70%	6.86	6.20	58.00
1	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47%	3.47	7.47	63.40
2	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	3.19	6.44	58.00
3	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.46%	3.90	6.64	57.00
4	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	3.47	6.37	56.30
5	TBLU	Tortoise Water Fund	Natural Resources	North America	0.40%	5.83	6.65	55.30
1	FINX	Global X FinTech Thematic ETF	Technology	Global	0.68%	4.52	7.87	63.60
2	TCHF	iShares Edge MSCI Multifactor Technology ETF	Technology	North America	0.35%	5.61	7.14	60.90
3	FTXL	First Trust Nasdaq Semiconductor ETF	Technology	North America	0.60%	5.02	6.65	59.30
4	XNTK	SPDR NYSE Technology ETF	Technology	North America	0.35%	5.76	6.37	58.40
5	ITEQ	BlueStar Israel Technology ETF	Technology	Middle East & Africa	0.75%	5.01	7.43	58.10
1	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	4.18	6.71	57.70
2	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.48%	5.34	6.13	55.40
3	VOX	Vanguard Communication Services ETF	Telecommunications	North America	0.10%	4.92	6.07	52.80
4	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.44%	4.08	5.43	52.60
5	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.76	5.25	51.30
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	4.51	6.96	60.60
2	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.13	6.20	59.40
3	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.34	6.24	57.80
4	IDU	iShares US Utilities ETF	Utilities	North America	0.44%	4.64	5.31	53.50
5	PUI	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60%	4.77	5.27	52.70

continued on next page

Equity ETF Select List - Geography



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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EIDO	iShares MSCI Indonesia ETF	Asia-Pacific	Broad Equity	0.63%	4.30	8.49	68.10
2	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.74%	5.45	7.67	64.00
3	EWY	iShares MSCI South Korea ETF	Asia-Pacific	Broad Equity	0.62%	4.10	7.01	62.80
4	EPHE	iShares MSCI Philippines ETF	Asia-Pacific	Broad Equity	0.58%	5.05	7.51	62.40
5	FNI	First Trust Chindia ETF	Asia-Pacific	Broad Equity	0.60%	5.21	7.85	62.10
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62%	7.20	9.06	71.80
2	EWI	iShares MSCI Italy ETF	Europe	Broad Equity	0.49%	5.92	7.62	63.90
3	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.49%	3.41	6.94	61.30
4	EUDV	ProShares MSCI Europe Dividend Growers ETF	Europe	Broad Equity	0.55%	5.41	6.89	59.30
5	EWD	iShares MSCI Sweden ETF	Europe	Broad Equity	0.49%	5.16	6.66	59.00
1	IXJ	iShares Global Healthcare ETF	Global	Health Care	0.48%	4.76	8.84	71.20
2	IOO	iShares Global 100 ETF	Global	Large Cap	0.40%	5.33	8.05	67.30
3	KXI	iShares Global Consumer Staples ETF	Global	Consumer Staples	0.48%	5.81	7.62	65.50
4	FINX	Global X FinTech Thematic ETF	Global	Technology	0.68%	4.52	7.87	63.60
5	CRAK	VanEck Vectors Oil Refiners ETF	Global	Energy	0.59%	4.83	6.99	62.70
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	0.89%	7.56	8.63	66.00
2	LVIN	Hartford Multifactor Low Volatility International Equity ETF	Global Ex-U.S.	Broad Equity	0.29%	4.52	7.30	59.60
3	RNDM	Developed International Equity Select ETF	Global Ex-U.S.	Broad Equity	0.65%	4.38	6.92	58.80
4	IGRO	iShares International Dividend Growth ETF	Global Ex-U.S.	Broad Equity	0.22%	3.99	6.89	58.70
5	IDOG	ALPS International Sector Dividend Dogs ETF	Global Ex-U.S.	Large Cap	0.50%	4.44	6.31	58.10
1	EWZ	iShares MSCI Brazil ETF	Latin America	Broad Equity	0.63%	6.22	7.75	64.90
2	EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.49%	4.96	7.47	63.60
3	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	5.88	6.76	59.70
4	EPU	iShares MSCI Peru ETF	Latin America	Broad Equity	0.63%	5.67	6.83	58.70
5	ECH	iShares MSCI Chile ETF	Latin America	Broad Equity	0.62%	5.19	6.35	58.60
1	ITEQ	BlueStar Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.01	7.43	58.10
2	EIS	iShares MSCI Israel ETF	Middle East & Africa	Broad Equity	0.62%	5.13	6.89	57.70
3	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.84	6.44	55.70
4	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.60%	4.92	6.20	52.30
5	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.62%	6.29	5.87	51.90
1	IBB	iShares Nasdaq Biotechnology ETF	North America	Health Care	0.47%	4.99	10.00	76.50
2	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	4.19	8.88	71.60

3	SLYV	SPDR S&P 600 Small CapValue ETF	North America	Small Cap	0.15%	4.64	8.38	69.40
4	SLY	SPDR S&P 600 Small CapETF	North America	Small Cap	0.15%	4.83	8.31	68.70
5	MDYV	SPDR S&P 400 Mid Cap Value ETF	North America	Mid Cap	0.15%	4.18	7.75	66.30
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	7.03	8.15	66.30
2	CEZ	VictoryShares Emerging Market Volatility Wtd ETF	Emerging Markets	Large Cap	0.50%	5.28	7.13	59.00
3	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.69%	5.11	6.46	57.50
4	EELV	Invesco S&P Emerging Markets Low Volatility ETF	Emerging Markets	Broad Equity	0.29%	4.52	6.47	56.80
5	VWO	Vanguard FTSE Emerging Markets ETF	Emerging Markets	Broad Equity	0.14%	4.45	6.57	56.50
1	HEDJ	WisdomTree Europe Hedged Equity Fund	Developed Markets	Broad Equity	0.58%	4.17	6.94	60.80
2	EFV	iShares MSCI EAFE Value ETF	Developed Markets	Broad Equity	0.40%	5.21	6.70	59.70
3	BFIT	Global X Health & Wellness Thematic ETF	Developed Markets	Theme	0.50%	3.35	7.00	57.80
4	GCOW	Pacer Global Cash Cows Dividend ETF	Developed Markets	High Dividend Yield	0.60%	3.61	6.53	56.40
5	EFA	iShares MSCI EAFE ETF	Developed Markets	Broad Equity	0.32%	4.05	5.58	54.30

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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%	3.94	7.83	65.30
2	DWAQ	Invesco DWA NASDAQ Momentum ETF	Alpha-Seeking	North America	0.60%	6.08	7.40	62.70
3	KNOW	Direxion All Cap Insider Sentiment Shares	Alpha-Seeking	North America	0.59%	3.48	6.83	59.60
4	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	5.34	6.84	58.40
5	VALX	Validea Market Legends ETF	Alpha-Seeking	Global	0.81%	6.06	7.11	58.40
1	TUR	iShares MSCI Turkey ETF	Broad Equity	Europe	0.62%	7.20	9.06	71.80
2	EIDO	iShares MSCI Indonesia ETF	Broad Equity	Asia-Pacific	0.63%	4.30	8.49	68.10
3	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	0.89%	7.56	8.63	66.00
4	EWZ	iShares MSCI Brazil ETF	Broad Equity	Latin America	0.63%	6.22	7.75	64.90
5	MTUM	iShares Edge MSCI USA Momentum Factor ETF	Broad Equity	North America	0.15%	3.29	7.37	64.30
1	DGRS	WisdomTree U.S. SmallCap Quality Dividend Growth Fund	High Dividend Yield	North America	0.38%	3.20	7.18	61.40
2	SPYD	SPDR Portfolio S&P 500 High Dividend ETF	High Dividend Yield	North America	0.07%	2.07	6.57	60.70
3	FDVV	Fidelity Core Dividend ETF	High Dividend Yield	Global	0.29%	2.14	7.32	60.70
4	FDRR	Fidelity Dividend ETF for Rising Rates	High Dividend Yield	Global	0.29%	2.42	6.89	58.90
5	DGRO	iShares Core Dividend Growth ETF	High Dividend Yield	North America	0.08%	1.09	6.44	58.50
1	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77%	1.90	6.63	55.90
2	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48%	4.27	5.88	55.10
3	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	4.12	6.29	52.00
4	ALFA	AlphaClone Alternative Alpha ETF	Long/Short	North America	0.65%	6.96	4.44	43.10
5	QMN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	0.95%	2.92	4.67	41.30
1	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	3.28	5.74	51.80
2	PFXE	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	2.71	5.01	49.20
3	VRP	Invesco Variable Rate Preferred ETF	Preferred Stock	North America	0.50%	2.42	5.09	46.40
4	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	4.04	4.66	45.10
5	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.45	4.85	45.00
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	7.03	8.15	66.30
2	SUSA	iShares MSCI USA ESG Select ETF	Theme	North America	0.25%	4.13	7.41	63.50
3	ARKW	ARK Web x.0 ETF	Theme	Global	0.75%	6.44	7.79	62.10
4	HECO	EcoLogical Strategy ETF	Theme	Global	0.95%	7.56	8.01	61.20
5	KRMA	Global X Conscious Companies ETF	Theme	North America	0.43%	2.90	6.95	60.90
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	4.19	8.88	71.60
2	IOO	iShares Global 100 ETF	Large Cap	Global	0.40%	5.33	8.05	67.30

3	NOBL	ProShares S&P 500 Aristocrats ETF	Large Cap	North America	0.35%	3.74	7.24	65.20
4	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04%	4.01	7.38	64.00
5	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.74%	5.45	7.67	64.00
1	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15%	4.18	7.75	66.30
2	DON	WisdomTree U.S. MidCap Dividend Fund	Mid Cap	North America	0.38%	4.97	7.55	64.50
3	NUMG	NuShares ESG Mid-Cap Growth ETF	Mid Cap	North America	0.40%	4.20	7.51	62.40
4	PTMC	Pacer Trendpilot US Mid Cap ETF	Mid Cap	North America	0.60%	3.33	7.29	62.00
5	MDYG	SPDR S&P 400 Mid CapGrowth ETF	Mid Cap	North America	0.15%	5.05	7.01	61.50
1	SLYV	SPDR S&P 600 Small CapValue ETF	Small Cap	North America	0.15%	4.64	8.38	69.40
2	SLY	SPDR S&P 600 Small CapETF	Small Cap	North America	0.15%	4.83	8.31	68.70
3	SMDV	ProShares Russell 2000 Dividend Growers ETF	Small Cap	North America	0.40%	3.79	7.36	65.00
4	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15%	4.92	7.39	63.70
5	CSML	IQ Chaikin U.S. Small Cap ETF	Small Cap	North America	0.35%	3.87	7.23	62.10
1	PZI	Invesco Zacks Micro Cap ETF	Micro Cap	North America	1.24%	4.68	6.81	57.50
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	3.97	5.87	53.30
3	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	4.93	4.37	44.60
4	WMCR	Invesco Wilshire Micro-Cap ETF	Micro Cap	North America	0.58%	5.71	4.43	42.80

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***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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