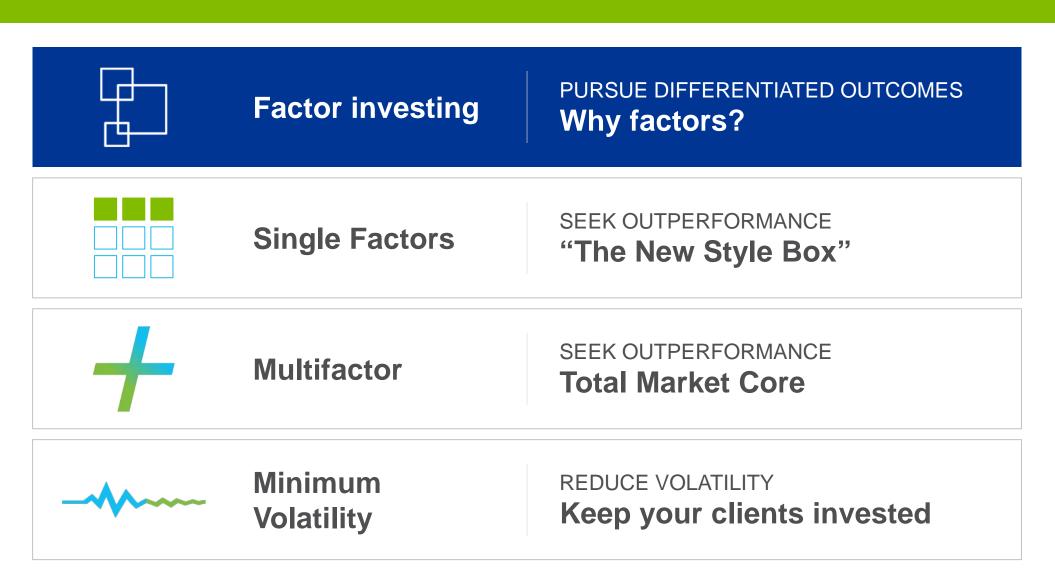


Factor Investing by iShares

Smart Beta strategies for the core of your portfolio

Factor Investing

Ways to get started



Active funds are under pressure

Underperformance. High fees. Capital gains distributions.

Active equity mutual funds

87% underperformed their benchmark over the last fifteen years¹

0.88% average expense ratio²

78% distributed capital gains in 20173

\$815 billion equity outflows past 3 years⁴

1 Source: SPIVA U.S. Scorecard as of 3/31/2019. "Active Equity Mutual Funds" comprised of equal weight composite of All Domestic Funds Category, Global Funds Category, International Funds Category, International Small-Cap Funds Category & Emerging Markets Funds Category. Actual number for All Domestic Funds underperforming their benchmark is 88.97%, for Global Funds is 83.16%, for International Funds is 89.83%, for International Small-Cap Funds is 75.86% and for Emerging Markets Funds is 96.15%. Past performance is not indicative of future results. 2 Source: Morningstar Direct as of 3/31/2019. Based on average U.S., Global, International & Emerging Market active manager fees. 3Morningstar as of 3/31/2019, uses all U.S., Global, International & Emerging market active funds. Past distributions are not indicative of future distributions. 4 Source: Morningstar as of 3/31/2019. 3 year net flows for all active equity U.S. mutual funds.

Data and technology are changing everything, including investing

Innovators transform data into insights

1 billion hours ago, humanity emerged

1 billion seconds ago, IBM released first PC

1 billion Google searches ago, was this morning



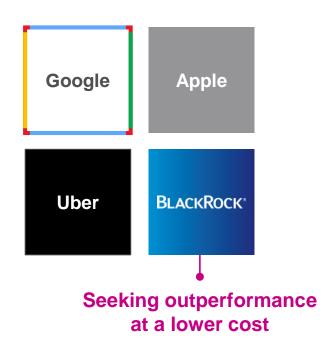
159m

E-mails are sent

4.3m

YouTube videos viewed

When we need a better way, we innovate through technology

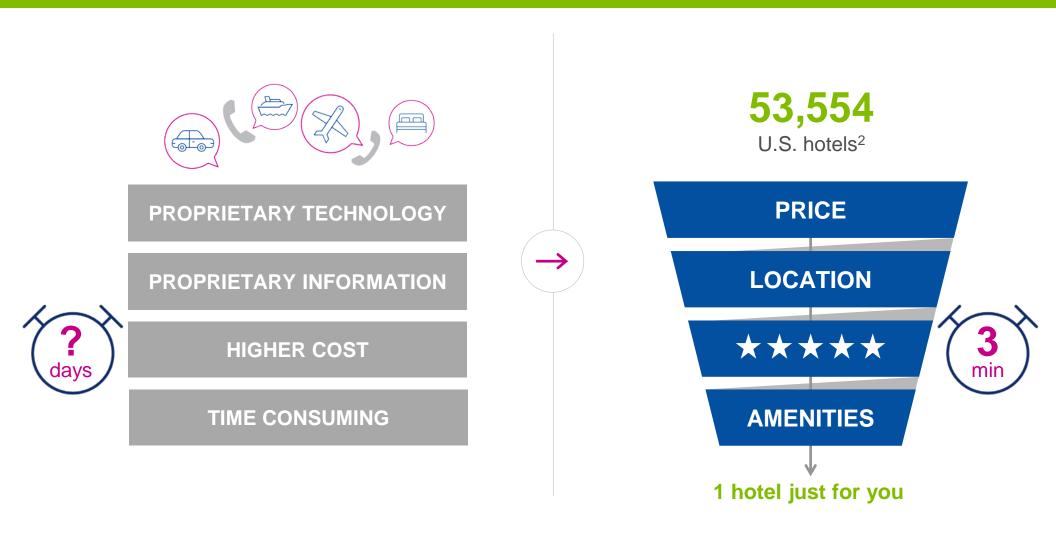


(2013) Hal Varian, "Beyond Big Data". http://people.ischool.berkeley.edu/~hal/Papers/2013/BeyondBigDataPaperFINAL.pdf *Internet live stats as of December 2017.

Companies shown for illustrative purposes only and should not be deemed an offer to sell or a solicitation of an offer to buy shares of any security.

Kayak: disrupting the travel industry

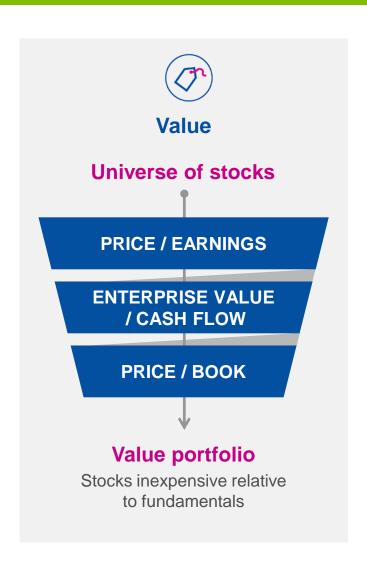
Travel agents depended on proprietary access to systems and information. The Web put that once exclusive technology into the hands of everyone – and now there are 44% fewer travel agents.¹



¹ Source: Motherboard, compares number of travel agents in 1990 to number of travels agents in 2014. 2 Source: Business Travel News, as of 2015.

Factors ETFs: low cost access for all

In the same way that Kayak.com provides access to the best hotel screens, factor investing provides everyday investors with security screens that active managers have used for generations... but at a fraction of the cost.





Quality

OBJECTIVE

Companies with healthy balance sheets

SCREENS

ROE, Earnings consistency, Debt to equity



Momentum

OBJECTIVE

Stocks on an upswing

SCREENS

Risk-adjusted price momentum



Minimum Volatility

OBJECTIVE

A lower volatility core portfolio

SCREENS

Volatility of stocks Correlations between stocks, sectors, countries



Size

OBJECTIVE

Invest in smaller, more nimble companies

SCREENS

Market capitalization

What are factors and why have they worked?

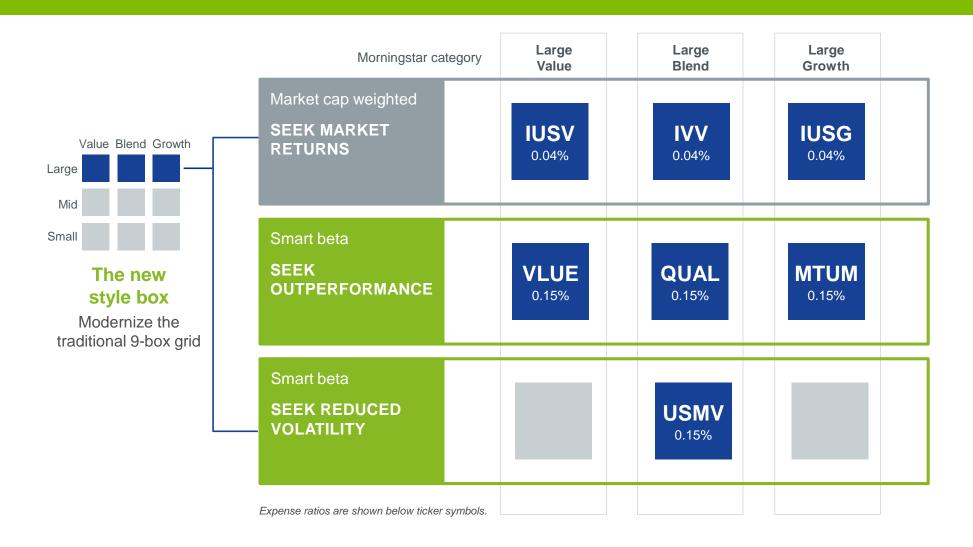
iShares Factor ETFs employ the same intuitive screens used by active managers for generations, but offer the low cost and tax efficiency of traditional ETFs.

Seek outperformance	Factor	Objective	Screens	Usage
	Value	Invests in stocks that are inexpensive relative to fundamentals	Price/forward earningsPrice/bookEnterprise value/cash flow	
	Quality	Invests in companies with healthy balance sheets	Return on equityEarnings consistencyDebt to equity	
	Momentum	Invests in stocks on an upswing	Risk-adjusted price momentum	
Reduce risk	Minimum Volatility	Invests in stocks that have collectively exhibited lower volatility	 Measures volatility of each stock in the broad market index Analyze correlations between stocks, sectors and countries 	

U.S. Style Box

Total Market Core

"The new style box"



U.S. Style Box

Total Market Core

"The new style box"

	Morningstar category	Large Value	Large Blend	Large Growth
Expand your horizons Use factors around the globe	Market cap weighted SEEK MARKET RETURNS	ITOT 0.03%	IEFA 0.08%	IEMG 0.14%
	Smart beta SEEK OUTPERFORMANCE	LRGF 0.20%	INTF 0.30%	EMGF 0.45%*
	Smart beta SEEK REDUCED VOLATILITY	Large Value USMV 0.15%	Foreign Large Blend EFAV 0.20%*	Diversified EM EEMV 0.25%*
	Expense ratios are shown below ticker symbols.			

^{*}Net expense ratios shown for EMGF, EFAV and EEMV reflect contractual fee waivers in place until 12/31/21, 11/30/21, and 12/31/23, respectively. Gross expense ratios are 0.48%, 0.31%, and 0.67%, respectively.

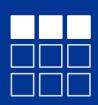
Factor Investing

Ways to get started



Factor investing

PURSUE DIFFERENTIATED OUTCOMES Why factors?



Single Factors

SEEK OUTPERFORMANCE
"The New Style Box"



Multifactor

SEEK OUTPERFORMANCE
Total Market Core



Minimum Volatility

REDUCE VOLATILITY

Keep your clients invested

SINGLE FACTORS

A new value for your style box

VLUE invests in stocks that are inexpensive relative to fundamentals.

iShares Edge MSCI USA Value Factor ETF





Screens

Price/forward earnings

Price/book

Enterprise value/cash flow

Strong performance

Outperformed **72%** of its peers on a 5 year basis¹

Fund is rated against 939 funds in the large cap value Morningstar category, based on total return.

Low cost

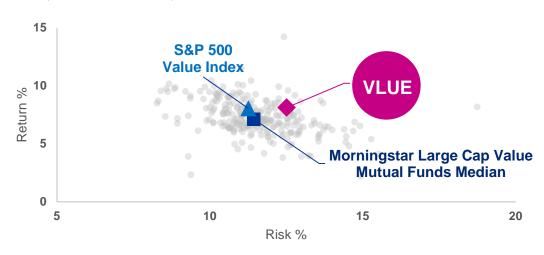
Expense ratio is **lower than 98%** of its active mutual fund peers²

Tax efficient

VLUE has **never paid a capital** gains distribution³

VLUE vs. Morningstar competitor mutual funds⁴

(4/1/2014 - 3/31/2019)



Morningstar Category

1 Source: Morningstar as of 03/31/19. Comparison universe is ETFs and mutual funds in the Morningstar category. For more information on Morningstar Rankings, please see the end of this document. 2 Source: BlackRock as of 03/31/19, based on average prospectus net expense ratios for active large cap value mutual funds (Morningstar category). 3 Source: BlackRock as of 03/31/2019. Past distributions are not indicative of future distributions. 4 Source: Morningstar, 5 year performance for period ending 03/31/19. Universe includes the institutional share class of actively managed large cap value funds with 5 years of performance. Risk, represented by standard deviation, measures how dispersed returns are around the average. A higher standard deviation indicates that returns are spread out over a larger range of values and thus, more volatile. For more information on the differences between ETFs and mutual funds, see the end of this document.

A new blend for your style box

QUAL invests in companies with healthy balance sheets.

iShares Edge MSCI USA
Quality Factor ETF





Screens

Return on equity

Earnings consistency

Debt to equity

Strong performance

Outperformed **96%** of its peers on a 5 year basis¹

Fund is rated against 1,081 funds in the large cap blend Morningstar category, based on total return.

Low cost

Expense ratio is **lower than 98%** of its active mutual fund peers²

Tax efficient

QUAL has **never paid a capital gains distribution**³

QUAL vs. Morningstar competitor mutual funds⁴

(4/1/2014 - 3/31/2019)



1 Source: Morningstar as of 03/31/19. Comparison universe is ETFs and mutual funds in the Morningstar category. For more information on Morningstar Rankings, please see the end of this document. 2 Source: BlackRock as of 03/31/19, based on average prospectus net expense ratios for active large cap blend mutual funds (Morningstar category). 3 Source: BlackRock as of 03/31/2019. Past distributions are not indicative of future distributions. 4 Source: Morningstar, 5 year performance for period ending 03/31/19. Universe includes the institutional share class of actively managed large cap blend funds with 5 years of performance. Risk, represented by standard deviation, measures how dispersed returns are around the average. A higher standard deviation indicates that returns are spread out over a larger range of values and thus, more volatile. For more information on the differences between ETFs and mutual funds, see the end of this document.

SINGLE FACTORS

A new growth for your style box

MTUM invests in stocks on an upswing.

iShares Edge MSCI USA **Momentum Factor ETF**





Screens

Risk adjusted price momentum

Strong performance

Outperformed 91% of its peers on a 5 year basis¹

Fund is rated against 1,114 funds in the large cap growth Morningstar category, based on total return.

Low cost

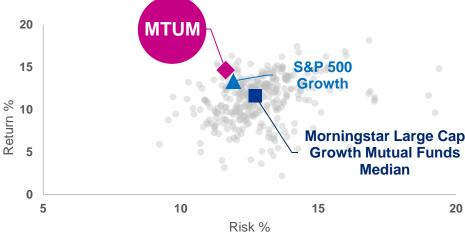
Expense ratio is **lower than 98%** of its active mutual fund peers²

Tax efficient

MTUM has never paid a capital gains distribution³

MTUM vs. Morningstar competitor mutual funds⁴



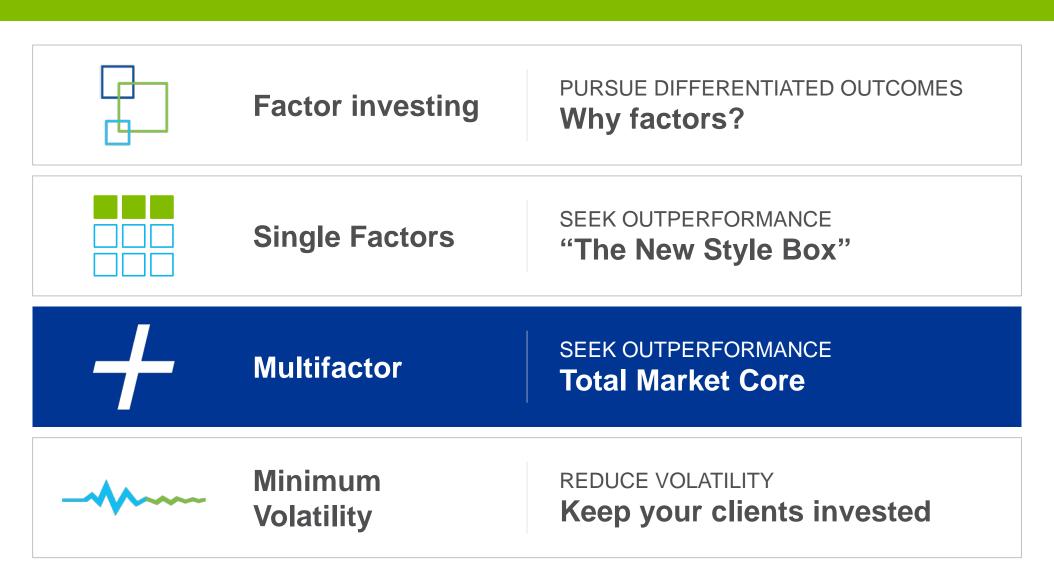


Morningstar Category

1 Source: Morningstar as of 03/31/19. Comparison universe is ETFs and mutual funds in the Morningstar category. For more information on Morningstar Rankings, please see the end of this document. 2 Source: BlackRock as of 03/31/19, based on average prospectus net expense ratios for active large cap growth mutual funds (Morningstar category). 3 Source: BlackRock as of 03/31/2019. Past distributions are not indicative of future distributions. 4 Source: Morningstar, 5 year performance for period ending 03/31/19. Universe includes the institutional share class of actively managed large cap growth funds with 5 years of performance. Risk, represented by standard deviation, measures how dispersed returns are around the average. A higher standard deviation indicates that returns are spread out over a larger range of values and thus, more volatile. For more information on the differences between ETFs and mutual funds, see the end of

Factor Investing

Ways to get started



MULTIFACTOR

Combining factors can reduce volatility of returns

Single factor strategies have low historical correlation, so combining them within Multifactor ETFs can deliver greater consistency of returns.

U.S. factors calendar year fund returns (%)

2014	2015	2016	2017	2018	Q1 2019	Annual return 2014 – 2019
Min Vol	Momentum	Value	Momentum	Min Vol	Quality	Momentum
16.34	9.12	15.68	37.60	1.36	16.01	14.05
Size	Quality	Size	Quality	Momentum	Size	Min Vol
15.78	5.56	13.32	22.26	-1.77	15.25	12.35
Momentum	Min Vol	Min Vol	Value	Quality	Min Vol	Quality
14.48	5.50	10.50	21.97	-5.77	12.69	10.87
Value	Size	Quality	Min Vol	Size	Momentum	Size
12.29	0.37	9.18	18.97	-6.51	12.59	10.47
Quality	Value	Momentum	Size	Value	Value	Value
11.62	-3.54	4.89	18.88	-11.18	11.04	8.13

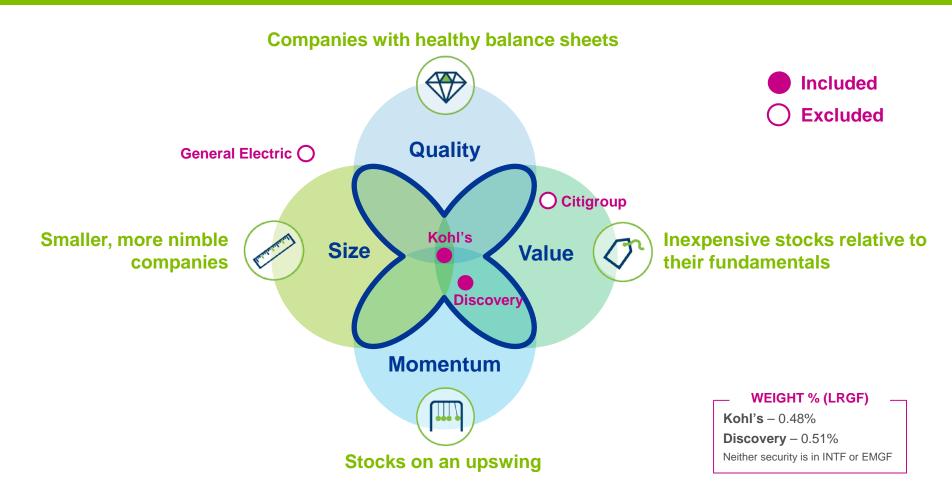
Source: Morningstar as of 03/31/19. Min Vol represented by the iShares Edge MSCI USA Min Vol ETF, Size represented by the iShares Edge MSCI USA Size Factor ETF, Momentum represented by the iShares Edge MSCI USA Momentum Factor ETF, Value represented by the iShares Edge MSCI USA Value Factor ETF, Quality Factor ETF.



MULTIFACTOR

iShares Multifactor ETFs

Multifactor strategies seek to invest in companies with multiple attractive characteristics. The funds employ sector and security constraints so you can use them in the core of your portfolio.



Source: BlackRock. For illustrative purposes only. There is no guarantee that any of these securities remain in or out of the indexes or funds. Holdings weights as of 3/31/2019 and are subject to change.



A new core for your U.S. exposure

LRGF is a U.S. large cap core portfolio — for investors seeking the

iShares Edge MSCI Multifactor USA ETF







potential for outperformance vs. the broad market.





Strong performance

Outperformed 76% of its peers on a 3 year basis¹

Fund is rated against 1,096 funds in the large cap value Morningstar category, based on total return.

Low cost

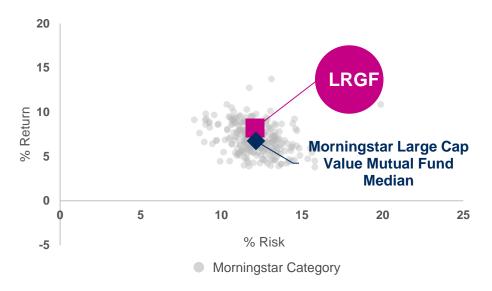
Expense ratio is **lower than 98%** of its active mutual fund peers²

Tax efficient

LRGF has never paid a capital gains distribution³

LRGF vs. Morningstar competitor mutual funds⁴

(5/1/2015 - 3/31/2019)



1 Source: Morningstar as of 03/31/19. Comparison universe is ETFs and mutual funds in the Morningstar category. For more information on Morningstar Rankings, please see the end of this document. 2 Source: BlackRock as of 03/31/19, based on average prospectus net expense ratios for active large cap value mutual funds (Morningstar category). 3 Source: BlackRock as of 03/31/2019. Past distributions are not indicative of future distributions. 4 Source: Morningstar, 3 year performance for period ending 03/31/19. Universe includes the institutional share class of actively managed funds with 3 years of performance. Risk, represented by standard deviation, measures how dispersed returns are around the average. A higher standard deviation indicates that returns are spread out over a larger range of values and thus, more volatile. For more information on the differences between ETFs and mutual funds, see the end of this document.



A new core for your Int'l exposure

INTF is an international core allocation— for investors seeking the potential for outperformance with the low cost and tax efficiency of traditional ETFs

iShares Edge MSCI Multifactor Intl ETF











Strong performance

Outperformed 90% of its peers on a 3 year basis¹

Fund is rated against 644 funds in the foreign large blend Morningstar category, based on total return.

Low cost

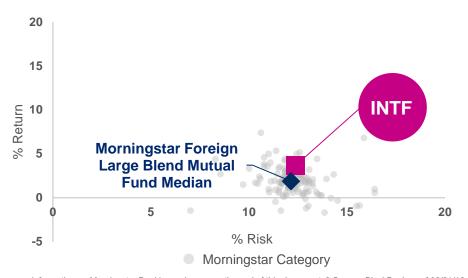
Expense ratio is **lower than 98%** of its active mutual fund peers²

Tax efficient

INTF has never paid a capital gains distribution³

INTF vs. Morningstar competitor mutual funds⁴

(5/1/2015 - 3/31/2019)



1 Source: Morningstar as of 03/31/19. Comparison universe is ETFs and mutual funds in the Morningstar category. For more information on Morningstar Rankings, please see the end of this document. 2 Source: BlackRock as of 03/31/19, based on average prospectus net expense ratios for active foreign large blend mutual funds (Morningstar category). 3 Source: BlackRock as of 03/31/2019. Past distributions are not indicative of future distributions. 4 Source: Morningstar, 3 year performance for period ending 03/31/19. Universe includes the institutional share class of actively managed foreign large blend funds with 3 years of performance. Risk, represented by standard deviation, measures how dispersed returns are around the average. A higher standard deviation indicates that returns are spread out over a larger range of values and thus, more volatile. For more information on the differences between ETFs and mutual funds, see the end of this document.



A new core for your EM exposure

iShares Edge MSCI Multifactor Emerging Markets ETF

EMGF

EMGF is an emerging market core allocation for investors seeking the potential for outperformance with the low cost and tax efficiency of traditional ETFs.









Strong performance

Outperformed 50% of its peers since inception¹

Fund is rated against 707 funds in the diversified emerging markets Morningstar category, based on total return.

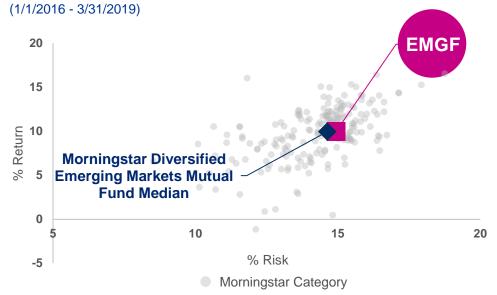
Low cost

Expense ratio is **lower than 98%** of its active mutual fund peers²

Tax efficient

EMGF has never paid a capital gains distribution³

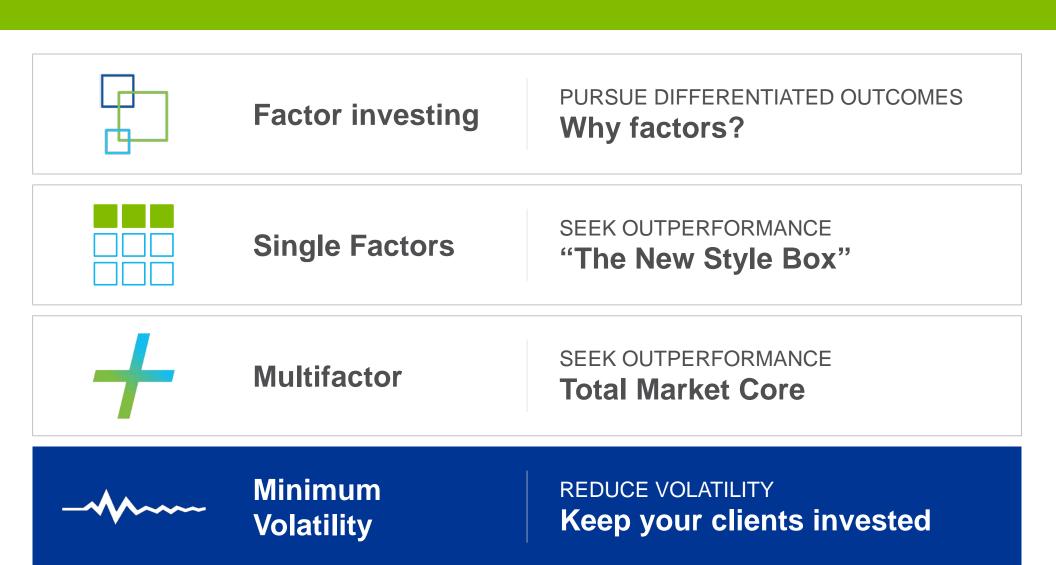
EMGF vs. Morningstar competitor mutual funds⁴



1 Source: Morningstar as of 03/31/19. Comparison universe is ETFs and mutual funds in the Morningstar category. For more information on Morningstar Rankings, please see the end of this document. 2 Source: BlackRock as of 03/31/19, based on average prospectus net expense ratios for active diversified emerging markets mutual funds (Morningstar category). 3 Source: BlackRock as of 12/31/2019. Past distributions are not indicative of future distributions. 4 Source: Morningstar, 3 year performance for period ending 03/30/19. Universe includes the institutional share class of active diversified emerging markets funds with 3 years of performance. Risk, represented by standard deviation, measures how dispersed returns are around the average. A higher standard deviation indicates that returns are spread out over a larger range of values and thus, more volatile. For more information on the differences between ETFs and mutual funds, see the end of this document.

Factor Investing

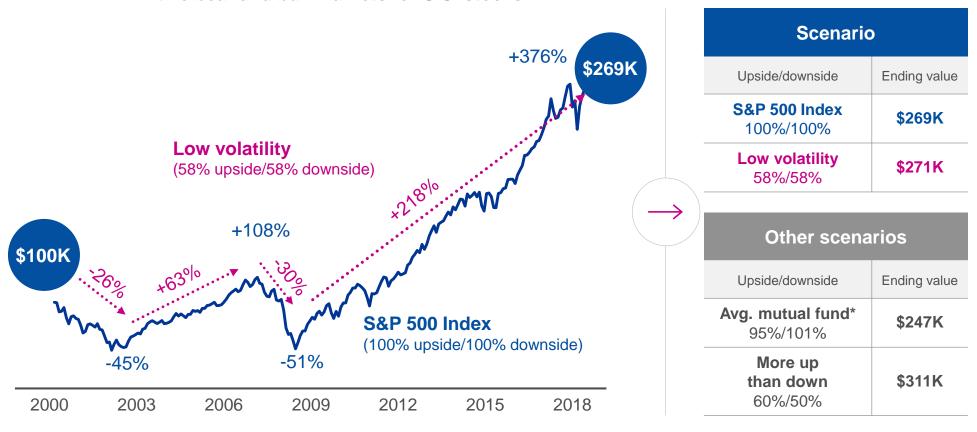
Ways to get started



Losing less can lead to winning more

Asymmetric upside/downside capture can lead to a better outcome.

Growth of a hypothetical \$100k over the last two bear and bull markets for U.S. stocks



Source: Morningstar as of 8/31/00 – 3/31/18. Index performance is for illustrative purposes only. Index performance does not reflect any management fees, transaction costs or expenses. Indexes are unmanaged and one cannot invest directly in an index. **Past performance does not guarantee future results.**

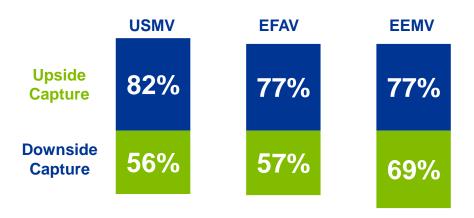
^{*} Average mutual funds include all equity funds for all Morningstar categories.



Minimum Volatility ETFs have delivered market-like returns with less risk

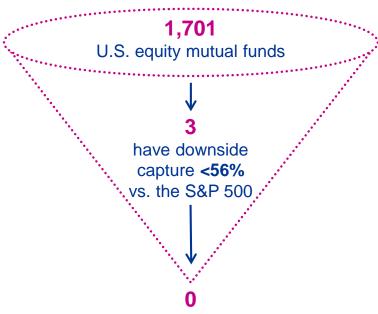
Upside/downside capture

Since November 2011



Source: BlackRock as of 3/31/18. Based on fund and index returns from 11/1/11 – 3/31/19. Data compares USMV to the S&P 500 Index, EFAV to the MSCI EAFE Index and EEMV to the MSCI Emerging Markets Index.

So how do other investments compare to USMV?

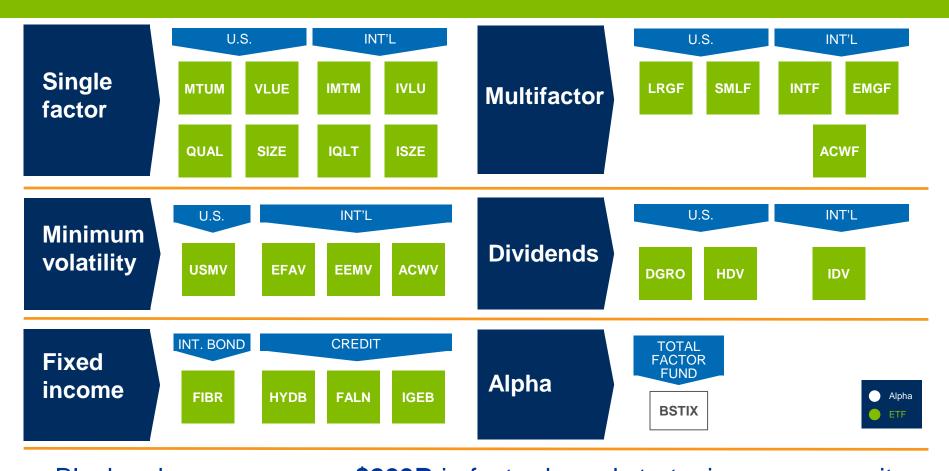


None of those 3 mutual funds have an upside capture >82% vs. the S&P 500

Source: BlackRock as of 03/31/19. Mutual Fund universe based on the oldest share class in the "U.S. Equity" Morningstar category incepted before 11/1/2011. **Past performance does not guarantee future results.** For standardized performance, and to see how these funds performed against their benchmarks, please see Appendix.

BlackRock's factor platform

Seek your desired outcome with our full suite of alpha and index factor strategies.



Blackrock manages over **\$209B** in factor-based strategies across equity, fixed income, and alternatives.*

^{*}Source: BlackRock as of 12/31/2018.

A Factor approach to Fixed Income

Just like equities, factors are a major driver of returns in fixed income. A factor approach to core bond investing can help seek outperformance with an improved risk/return profile compared to both index and active strategies.



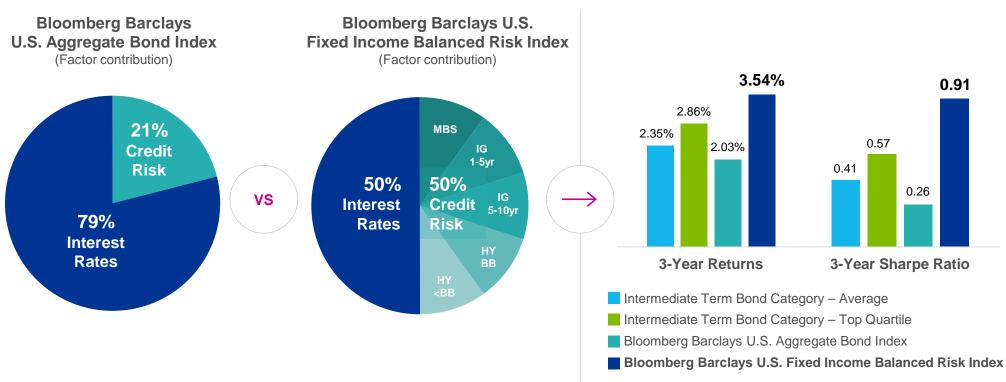
Process

Balance Rate & Credit Risk

Diversify Across Credit Sectors

Balancing factor exposures in core bonds has resulted in...

e bonds has resulted in... ...Outperformance with less risk



Source: Morningstar, as of 03/31/19. "Intermediate-Term Bond Category – Average" represented by the average NAV returns of the Morningstar U.S. Intermediate-Term Bond Fund Category. "Intermediate-Term Bond Fund Category. The category includes 885 ETFs and mutual funds. Index performance is for illustrative purposes only. Index performance does not reflect any management fees, transaction costs or expenses. Indexes are unmanaged and one cannot invest directly in an index. Performance data represents past performance and does not guarantee future results.

MKTGM0519U-836176-24/28

Appendix: ETFs and traditional mutual fundsknow the differences

Criteria	Mutual funds	ETFs				
Management	Active	Passive				
Performance goal	Outperform a benchmark and/or deliver outcome	Track a benchmark				
Buying / selling shares	Once per day via fund company	Intraday on exchanges				
Price to buy / sell	End-of-day NAV, less fees	Current market price, which may differ from NAV				
Fees	Expense ratio + any sales loads / redemption fees	Expense ratio + transaction / brokerage costs				
Tax impact ¹ of buyers / sellers	Shareholders may be impacted by all other shareholders' actions	Shareholders only impacted by their own action				
Holdings disclosure	Typically monthly	Daily				
Benefits	Opportunity to outperform the indexPotential to limiting the downsideBuy/sell decisions based on research	Exposure to market indexGenerally lower feesTypically more tax efficient				
Trade-offs	Potential to underperform indexGenerally higher feesTypically less tax efficient	 Does not seek to outperform index Participate in all of index downside Buy / sell decisions based on index, not research 				

¹ Both vehicles are obliged to distribute capital gains to all shareholders.

Appendix: Standardized performance as of 03/31/19

			1-Year Returns		5-Year Returns		10-Year Returns		Since Inception	
Fund Name	Fund Inception Date	Gross Expense Ratio	NAV	Mkt Price	NAV	Mkt Price	NAV	Mkt Price	NAV	Mkt Price
iShares Edge MSCI USA Quality Factor ETF (QUAL)	7/16/2013	0.15%	9.01%	9.02%	11.44%	11.44%			12.45%	12.45%
iShares Edge MSCI USA Value Factor ETF (VLUE)	4/16/2013	0.15%	-0.01%	-0.05%	8.12%	8.12%			10.51%	10.51%
iShares Edge MSCI USA Momentum Factor ETF (MTUM)	4/16/2013	0.15%	7.64%	7.34%	14.64%	14.63%			15.36%	15.35%
iShares Edge MSCI Min Vol USA ETF (USMV)	10/18/2011	0.15%	15.52%	15.54%	12.55%	12.55%			14.27%	14.27%
iShares Edge MSCI Multifactor USFA ETF (LRGF)	4/28/2015	0.20%	1.46%	1.46%					7.61%	7.61%
iShares Edge MSCI Multifactor Intl ETF (INTF)	4/28/2015	0.30%	-6.35%	-6.63%					3.49%	3.56%
iShares Edge MSCI Multifactor Emerging Markets ETF (EMGF)	12/08/2015	0.48%	-13.44%	-14.40%					9.41%	9.52%
iShares Edge MSCI Min Vol EAFE ETF (EFAV)	10/18/2011	0.31%	1.28%	0.82%	5.96%	5.98%			8.00%	8.02%
iShares Edge MSCI Min Vol Emerging Markets ETF (EEMV)	10/18/2011	0.67%	-1.86%	-2.50%	3.18%	3.28%			5.03%	5.06%
MSCI USA Minimum Volatility Index			15.69%		12.73%		16.29%		14.45%	
MSCI EAFE Minimum Volatility (USD) Index			1.39%		6.03%				8.09%	
MSCI Emerging Markets Minimum Volatility Index			-1.54%		3.40%				5.28%	

Fees as of Current Prospectus. All Other Data as of 03/31/19.

The performance quoted represents past performance of specific funds and does not guarantee future results for such funds. Investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than the original cost. Current performance may be lower or higher than the performance quoted. Performance data current to the most recent month end may be obtained by visiting www.iShares.com or www.blackrock.com. Shares of iShares Funds are bought and sold at market price (not NAV) and are not individually redeemed from the Fund. Brokerage commissions will reduce returns. Market returns are based upon the midpoint of the bid/ask spread at 4:00 p.m. eastern time (when NAV is normally determined for most iShares Funds), and do not represent the returns you would receive if you traded shares at other times. Index performance is for illustrative purposes only. Index performance does not reflect any management fees, transaction costs or expenses. Indexes are unmanaged and one cannot invest directly in an index. Past performance does not guarantee future results.

Important information on Morningstar Ratings

The Morningstar Rating[™] for funds, or "star rating", is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed-end funds, and separate accounts) with at least a three-year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure (excluding any applicable sales charges) that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total returns, 60% five-year rating/40% three-year rating for 60-119 months of total returns, and 50% 10-year rating/30% five-year rating/20% three-year rating for 120 or more months of total returns. While the 10-year overall star rating formula seems to give the most weight to the 10-year period, the most recent three-year period actually has the greatest impact because it is included in all three rating periods.

Total return represents changes to the NAV and accounts for distributions from the funds (excluding any applicable sales charges).

In reference to slide 11: VLUE outperformed 12% of its peers on a 1 year basis. Fund is rated against 1,229 large cap value Morningstar category ETF and mutual funds based on total return.

In reference to slide 9: QUAL Outperformed 67% of its peers on a 1 year basis. Fund is rated against 1,412 large cap blend Morningstar category ETF and mutual funds based on total return.

In reference to slide 10: MTUM Outperformed 23% of its peers on a 1 year basis. Fund is rated against 1,397 large cap growth Morningstar category ETF and mutual funds based on total return.

In reference to slide 14: LRGF Outperformed 23% of its peers on a 1 year basis. Fund is rated against 1,229 large cap value Morningstar category ETF and mutual funds based on total return.

In reference to slide 15: INTF Outperformed 32% of its peers on a 1 year basis. Fund is rated against 753 foreign large blend Morningstar category ETF and mutual funds based on total return.

In reference to slide 16: EMGF Outperformed 16% of its peers on a 1 year basis. Fund is rated against 833 diversified emerging markets Morningstar category ETF and mutual funds based on total return.

Important information regarding iShares ETFs

Carefully consider the Funds' investment objectives, risk factors, and charges and expenses before investing. This and other information can be found in the Funds' prospectuses or, if available, the summary prospectuses which may be obtained by visiting www.iShares.com or www.blackrock.com. Read the prospectus carefully before investing. Investing involves risk, including possible loss of principal.

The creation/redemption mechanism of ETFs helps insulate shareholders from transaction costs and capital gains created by other shareholders. Additionally, with iShares ETFs, one shareholder's actions do not create capital gains distributions for other shareholders Transactions in shares of ETFs will result in brokerage commissions and will generate tax consequences. All regulated investment companies are obliged to distribute portfolio gains to shareholders. Certain traditional mutual funds can also be tax efficient.

There can be no assurance that performance will be enhanced or risk will be reduced for funds that seek to provide exposure to certain quantitative investment characteristics ("factors"). Exposure to such investment factors may detract from performance in some market environments, perhaps for extended periods. In such circumstances, a fund may seek to maintain exposure to the targeted investment factors and not adjust to target different factors, which could result in losses.

The iShares Minimum Volatility ETFs may experience more than minimum volatility as there is no guarantee that the underlying index's strategy of seeking to lower volatility will be successful.

International investing involves risks, including risks related to foreign currency, limited liquidity, less government regulation and the possibility of substantial volatility due to adverse political, economic or other developments. These risks often are heightened for investments in emerging/developing markets and in concentrations of single countries.

Transactions in shares of ETFs will result in brokerage commissions and will generate tax consequences. All regulated investment companies are obliged to distribute portfolio gains to shareholders. Diversification and asset allocation may not protect against market risk or loss of principal.

The strategies discussed are strictly for illustrative and educational purposes and are not a recommendation, offer or solicitation to buy or sell any securities or to adopt any investment strategy. There is no guarantee that any strategies discussed will be effective.

Investment comparisons are for illustrative purposes only. To better understand the similarities and differences between investments, including investment objectives, risks, fees and expenses, it is important to read the products' prospectuses.

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