



Mutual Fund Landscape 2017 Report

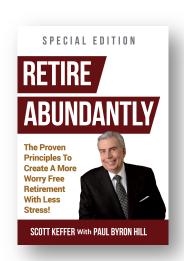


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Co-Author of the new book, **Retire Abundantly**

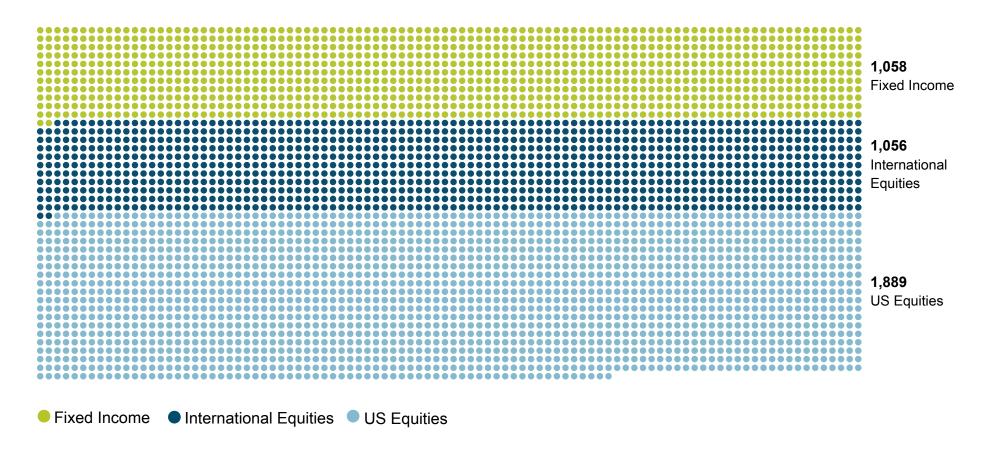




US-Based Mutual Funds, 2016

Number of equity and fixed income funds in the study

This study evaluates a sample of 4,003 US-based mutual funds through 2016.

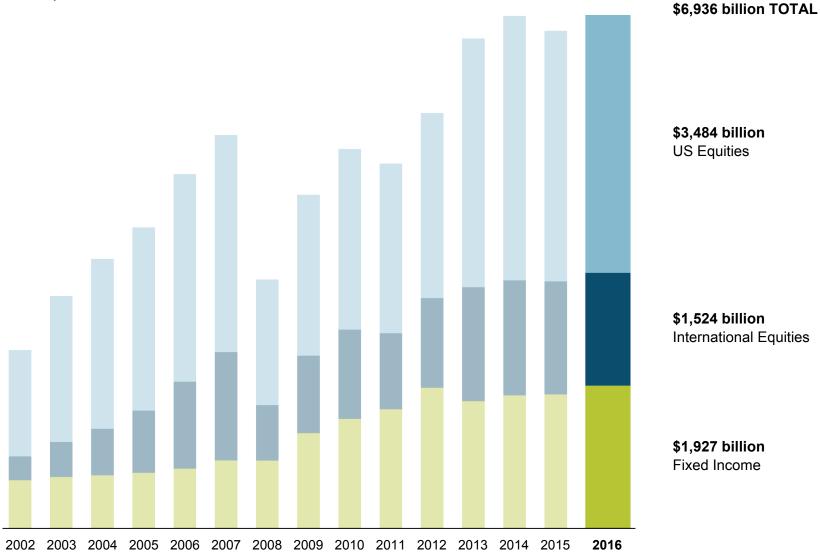


Number of US-domiciled funds in the representative industry sample as of December 31, 2016. International equities include non-US developed and emerging markets funds. US-domiciled open-end mutual fund data is from Morningstar and Center for Research in Security Prices (CRSP) from the University of Chicago. See Data Appendix for more information.



Total Mutual Fund Assets under Management

In USD (billions), 2002-2016





Few Equity Funds Have Survived and Outperformed

Performance periods ending December 31, 2016



5 YEARS

Beginners

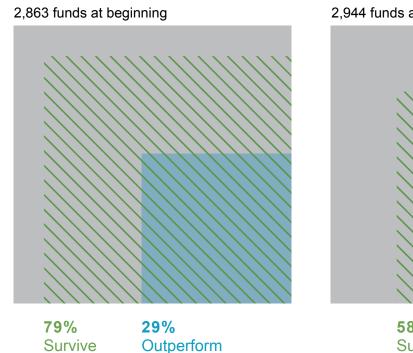


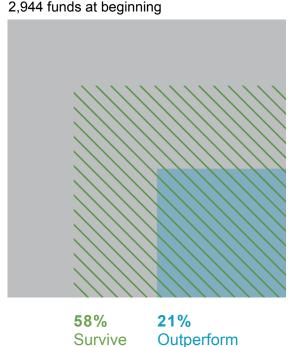
Survivors

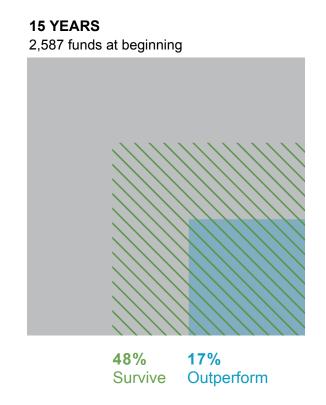


Outperformers

10 YEARS





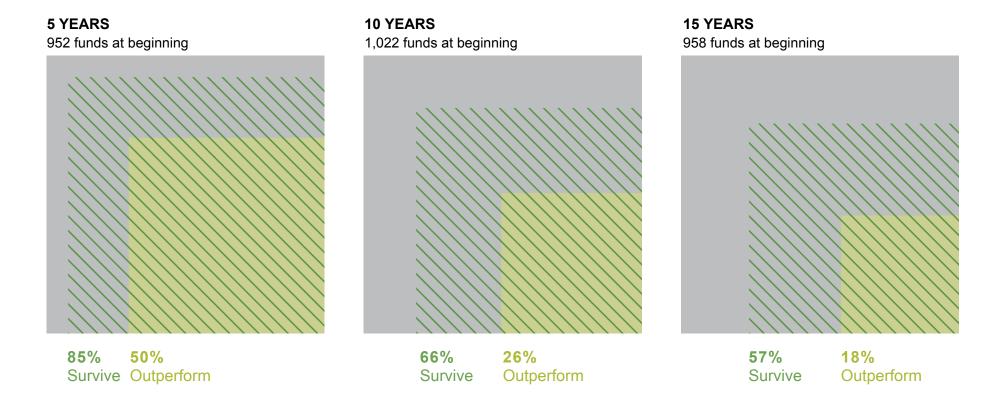




Few Fixed Income Funds Have Survived and Outperformed

Fixed income fund performance periods ending December 31, 2016

Beginners	Survivors	Outperformers	

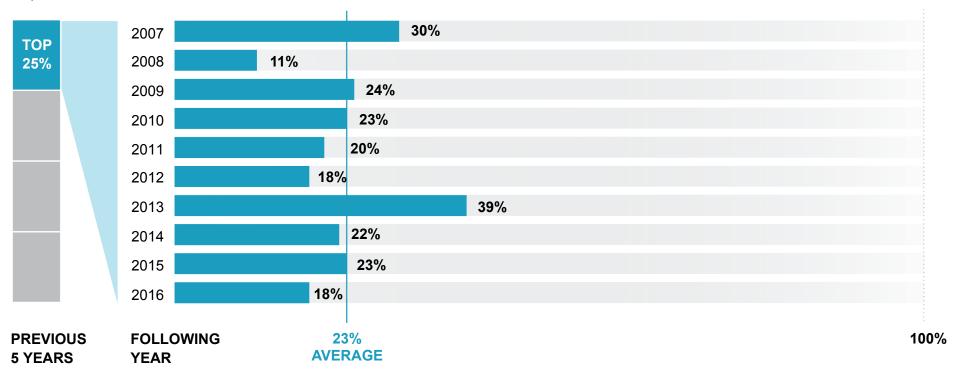




Past Performance Is Not Enough to Predict Future Results

Percentage of top five-year performers that also ranked in the top quartile of annual performance in the following year

EQUITY FUNDS



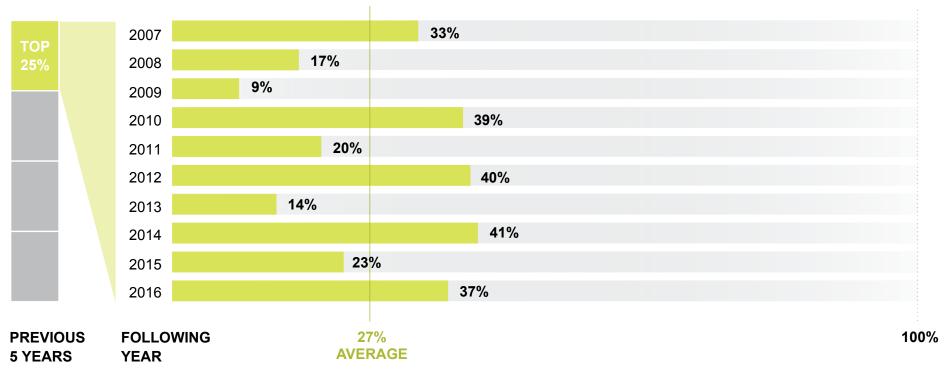


Past Performance Is Not Enough to Predict Future Results

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Percentage of top five-year performers that also ranked in the top quartile of annual performance in the following year

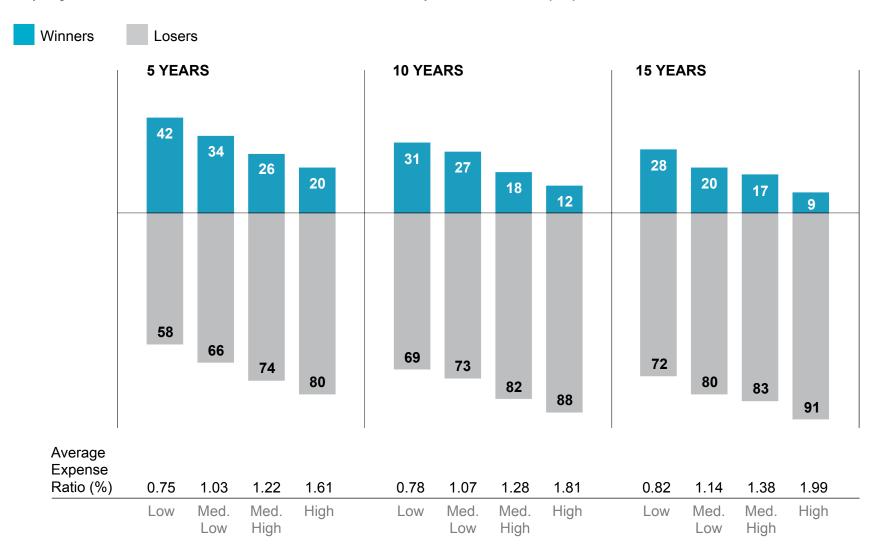
FIXED INCOME FUNDS





High Costs Can Reduce Performance

Equity fund winners and losers based on expense ratios (%)

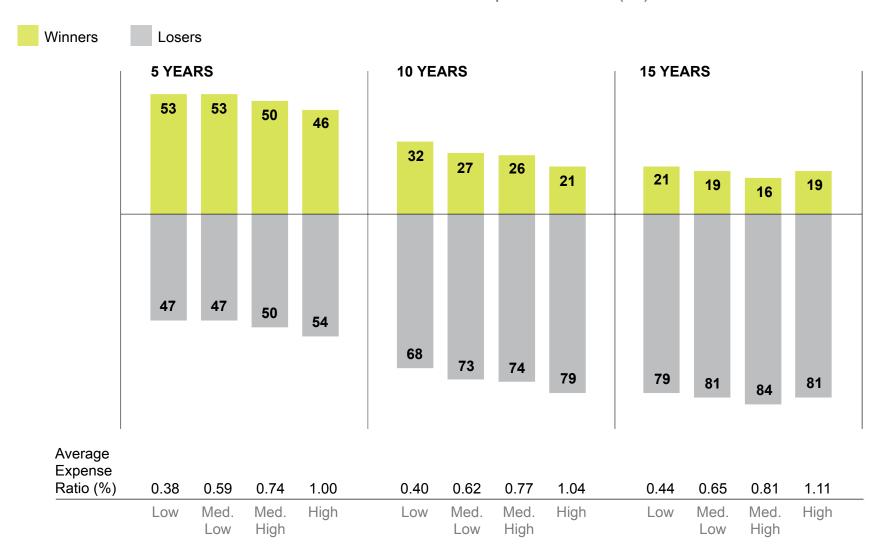


The sample includes funds at the beginning of the five-, 10-, and 15-year periods ending December 31, 2016. Funds are sorted into quartiles within their category based on average expense ratio over the sample period. The chart shows the percentage of winner and loser funds by expense ratio quartile for each period, where winners are funds that survived and outperformed their respective Morningstar category benchmark and losers are funds that either did not survive or did not outperform their respective Morningstar category benchmark. US-domiciled open-end mutual fund data is from Morningstar and Center for Research in Security Prices (CRSP) from the University of Chicago. Past performance is no guarantee of future results. See Data Appendix for more information.



High Costs Can Reduce Performance

Fixed income fund winners and losers based on expense ratios (%)

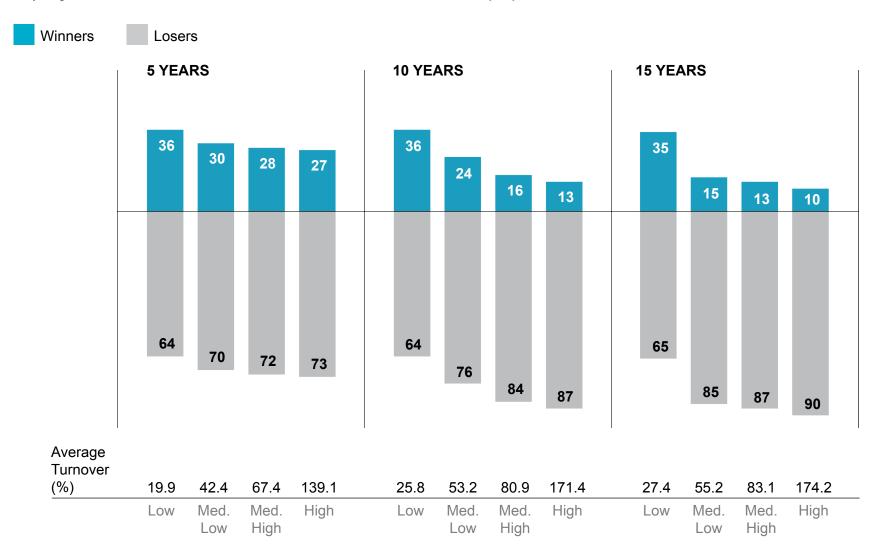


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High Trading Costs Can Also Impact Returns

Equity fund winners and losers based on turnover (%)



The sample includes equity funds at the beginning of the five-, 10-, and 15-year periods ending December 31, 2016. Funds are sorted into quartiles within their category based on average turnover during the sample period. The chart shows the percentage of winner and loser funds by turnover quartile for each period, where winners are funds that survived and outperformed their respective Morningstar category benchmark and losers are funds that either did not survive or did not outperform their respective Morningstar category benchmark. US-domiciled open-end mutual fund data is from Morningstar and Center for Research in Security Prices (CRSP) from the University of Chicago. **Past performance is no quarantee of future results. See Data Appendix for more information.**



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Relative Performance of Dimensional Equity Funds

Performance periods ending December 31, 2016

US EQUITIES	# Begin	Survive (%)	Outperform (%)
US Large Cap	433	41	8
US Large Cap Growth	551	42	15
US Large Cap Value	321	50	12
US Mid Cap	95	48	7
US Mid Cap Value	70	67	13
US Small Cap	147	62	33
US Small Cap Growth	246	46	24
US Small Cap Value	83	64	39

FIXED INCOME	# Begin	Survive (%)	Outperform (%)
Corporate	24	96	29
Inflation Protected	12	75	17
Intermediate Term	423	51	22
Short Term	223	55	13
World	56	63	38
Municipal	220	65	10

NON-US EQUITIES	# Begin	Survive (%)	Outperform (%)
Developed ex US Large Cap	250	44	19
Developed ex US Large Cap Growth	84	54	23
Developed ex US Large Cap Value	57	65	12
Developed ex US Small Cap	43	63	33
Emerging Markets	75	64	27
Global	132	55	26

Categorization determined by Dimensional using Morningstar data. The sample includes funds at the beginning of the 15-year period ending December 31, 2016. Each fund is evaluated relative to the Morningstar benchmark assigned to the fund's category at the start of the evaluation period. Surviving funds are those with return observations for every month of the sample period. Outperforming funds are those that survived and whose cumulative net return over the period exceeded that of their respective Morningstar category benchmark. US-domiciled open-end mutual fund data is from Morningstar and Center for Research in Security Prices (CRSP) from the University of Chicago. **Past performance is no guarantee of future results. See Data Appendix for more information.**

Report Summary

The mutual fund landscape

Findings

- Most mutual funds underperformed their benchmarks.
- Strong track records failed to persist.
- High costs and excessive turnover may have contributed to underperformance.

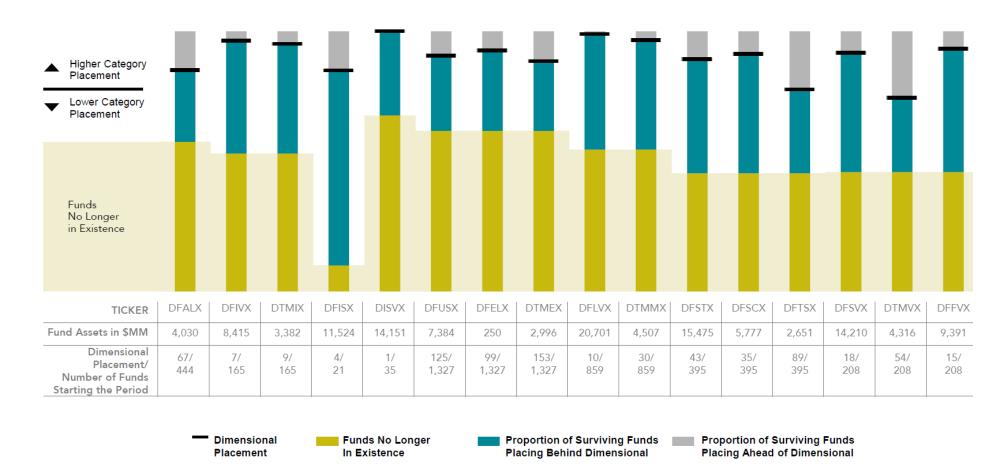
Lessons

- Markets effectively aggregate investor knowledge and expectations into prices that are reliable.
- Managers attempting to outguess market prices may incur high costs that raise the barrier to outperforming an index.
- Successful fund investing involves more than picking a top performing fund from the past.
- Consider a fund's market philosophy, robustness in portfolio design, attention to costs, and other factors.



Relative Performance of Dimensional Equity Funds with More Than 15 Years of History

As of March 31, 2017



Dimensional placement is the Morningstar 15-Year Total Return Absolute Category Rank sourced from Morningstar. Number of funds starting the period is the number of share classes, within the respective Morningstar Category, with return histories as of the start of the 15-year period ending in March 31, 2017. Funds that are unranked due to having changed Morningstar Category are excluded from the number of funds starting the period. Number of Surviving Funds Placing Ahead (Behind) of Dimensional is the count of ranked funds with a higher (lower) Morningstar 15-Year Total Return Absolute Category Rank than the corresponding Dimensional fund. The table includes all Dimensional institutional equity funds available on or before April 1, 2002. Dimensional feeder funds are excluded from the table because they ultimately invest in master-feeder funds are included in the table. All funds are US-domiciled. Bar heights are scaled to aid comparison across funds. Fund Assets are as of March 31, 2017. Funds may have experienced negative performance over the time period. Past performance is no guarantee of future results. Visit us.dimensional.com for standardized performance information.

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Relative Performance for Standardized Periods

As of March 31, 2017

	Ticker	DFALX	DFIVX	DTMIX	DFISX	DISVX	DFUSX	DFELX	DTMEX	DFLVX	DTMMX	DFSTX	DFSCX	DFTSX	DFSVX	DTMVX	DFFVX
	Fund Assets in \$MM	4,030	8,415	3,382	11,524	14,151	7,384	250	2,996	20,701	4,507	15,475	5,777	2,651	14,210	4,316	9,391
D :	Dimensional Placement/	175/ 776	26/ 371	31/ 371	28/ 111	10/ 67	475/ 1,492	452/ 1,492	269/ 1,492	119/	201/	347/ 794	246/ 794	316/ 794	175/ 438	266/ 438	162/ 438
Prior Year	Number of Funds Starting the Period	//0	3/1	3/1	111	0/	1,492	1,492	1,492	1,328	1,328	794	794	794	438	438	438
	Number of Ranked Funds Ending the Period	735	328	328	108	65	1,404	1,404	1,404	1,258	1,258	757	757	757	412	412	412
_	Dimensional Placement/	194/	85/	114/	21/	8/	132/	86/	177/	15/	25/	78/	63/	69/	67/	16/	36/
Prior 5 Years	Number of Funds Starting the Period	679	330	330	75	43	1,494	1,494	1,494	1,202	1,202	645	645	645	373	373	373
Tears	Number of Ranked Funds Ending the Period	525	223	223	65	40	1,113	1,113	1,113	936	936	537	537	537	309	309	309
	Dimensional Placement/	101/	65/	60/	7/	2/	149/	86/	167/	150/	148/	50/	120/	138/	104/	94/	64/
Prior 10 Years	Number of Funds Starting the Period	589	272	272	33	55	1,705	1,705	1,705	1,260	1,260	617	617	617	365	365	365
Tears	Number of Ranked Funds Ending the Period	327	136	136	28	19	822	822	822	679	679	377	377	377	199	199	199
Prior 15 Years	Dimensional Placement/	67/	7/	9/	4/	1/	125/	99/	153/	10/	30/	43/	35/	89/	18/	54/	15/
	Number of Funds Starting the Period	444	165	165	21	35	1,327	1,327	1,327	859	859	395	395	395	208	208	208
	Number of Ranked Funds Ending the Period	189	78	78	19	12	508	508	508	391	391	216	216	216	113	113	113

DFALX is in the category US Fund Foreign Large Blend. DFIVX and DTMIX are in the category US Fund Foreign Small/Mid Blend. DISVX is in the category US Fund Foreign Small/Mid Blend. DFIVX and DTMIX are in the category US Fund Small Blend. DFSVX, DFELX, and DTMEX are in the category US Fund Small Blend. DFSVX, DTMVX, and DFFVX are in the category US Fund Small Value. Dimensional placement is the Morningstar 1-, 5-, 10-, or 15-Year Total Return Absolute Category Rank sourced from Morningstar. Number of funds starting the period is the number of share classes, within the respective Morningstar Category, with return histories as of the start of the 1-, 5-, 10-, or 15-year period ending in March 31, 2017. Funds that are unranked due to having changed Morningstar Category are excluded from the number of funds starting the period. Number of Surviving Funds Placing Ahead (Behind) of Dimensional is the count of ranked funds with a higher (lower) Morningstar 1-, 5-, 10-, or 15-Year Total Return Absolute Category Rank than the corresponding Dimensional fund. The table includes all Dimensional institutional equity funds available on or before 1, 5, 10, or 15 years prior to March 31, 2017. Dimensional feeder funds are excluded from the table because they ultimately invest in master-feeder funds. Master-feeder funds are included in the table. All funds are US-domiciled. Bar heights are scaled to aid comparison across funds. Fund Assets are as of March 31, 2017. Funds may have experienced negative performance over the time period. Past performance is no guarantee of future results. Visit us.dimensional.com for standardized performance information for Dimensional's funds.



Data Appendix

US-domiciled open-end mutual fund data is from Morningstar and Center for Research in Security Prices (CRSP) from the University of Chicago.

Equity fund sample includes the Morningstar historical categories: Diversified Emerging Markets, Europe Stock, Foreign Large Blend, Foreign Large Growth, Foreign Large Value, Foreign Small/Mid Blend, Foreign Small/Mid Growth, Foreign Small/Mid Value, Japan Stock, Large Blend, Large Growth, Large Value, Mid-Cap Blend, Mid-Cap Value, Miscellaneous Region, Pacific/Asia ex-Japan Stock, Small Blend, Small Growth, Small Value, and World Stock. For additional information regarding the Morningstar historical categories, please see "The Morningstar Category Classifications" at *morningstardirect.morningstar.com/clientcomm/Morningstar_Categories_US_April_2016.pdf*.

Fixed income fund sample includes the Morningstar historical categories: Corporate Bond, Inflation-Protected Bond, Intermediate Government, Intermediate-Term Bond, Muni California Intermediate, Muni National Intermediate, Muni National Short, Muni New York Intermediate, Muni Single State Short, Short Government, Short-Term Bond, Ultrashort Bond, and World Bond. For additional information regarding the Morningstar historical categories, please see "The Morningstar Category Classifications" at morningstardirect.morningstar.com/clientcomm/Morningstar Categories US April 2016.pdf.

Index funds and fund-of-funds are excluded from the sample. Net assets for funds with multiple share classes or feeder funds are a sum of the individual share class total net assets. The return, expense ratio, and turnover for funds with multiple share classes are taken as the asset-weighted average of the individual share class observations. Fund share classes are aggregated at the strategy level using Morningstar FundID and CRSP portfolio number.

Each fund is evaluated relative to the Morningstar benchmark assigned to the fund's category at the start of the evaluation period. Surviving funds are those with return observations for every month of the sample period. Winner funds are those that survived and whose cumulative net return over the period exceeded that of their respective Morningstar category benchmark. Loser funds are funds that did not survive the period or whose cumulative net return did not exceed their respective Morningstar category benchmark.

Benchmark data provided by Bloomberg Barclays, MSCI, Russell, Citigroup, and S&P. Bloomberg Barclays data provided by Bloomberg. MSCI data © MSCI 2017, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. Citi fixed income indices © 2017 by Citigroup. The S&P data is provided by Standard & Poor's Index Services Group.

Benchmark indices are not available for direct investment. Their performance does not reflect the expenses associated with management of an actual portfolio.

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Mutual fund investment values will fluctuate, and shares, when redeemed, may be worth more or less than original cost. Diversification neither assures a profit nor guarantees against a loss in a declining market. There is no guarantee investment strategies will be successful. Past performance is no guarantee of future results.



Retirement Second Opinion

In these uncertain times, you may know a friend, family member or colleague who may have a difficult situation, or who wonders whether they are getting the right advice, or simply needs experienced professional advice but doesn't get it. That's not uncommon. Studies suggest that over 80 percent of "middle-class millionaires" would value a second opinion.*

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paul Byron Hill, MBA, MFP, MSFS, ChFC®, Certified Financial Planner™ is a nationally recognized Wealth Management Consultant, Educator and Author, written about in *Money, Fortune, Forbes* and *Financial Planning*. Reuters honored Paul as one of 500 "Top Advisers" nationally. Professional Financial Strategies, Inc., an independent investment advisory firm he founded in 1993, is focused on client values, needs and goals for integrative wealth management.

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WEALTH MANAG	SEMENT CONSULTING P	ROCESS			
Phase 1 Phase 2		Phase 3	Phase 4	Phase 5	Phase 6
Discovery meeting	Mutual commitment meeting	Retirement strategy meeting	Organizational meeting	Regular progress meetings	Annual planning meeting

^{*}Source: Russ Alan Prince and David A. Geracioti, Cultivating the Middle-Class Millionaire, 2005.



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Our consultative planning process

At Professional Financial we approach each new engagement with a time-tested, collaborative process. This allows us to have an open dialogue with you so we can learn about your values and goals. This proven process enables us to work with you to tailor a plan that helps you meet your essential goals. As a valued client, you'll recognize each of the five steps below. As part of our **Retirement Second Opinion**, we offer a portion of our consultative service, complimentary, to you friends, family and colleagues.

What to expect from the Retirement Second Opinion

We will meet with your friends, family and colleagues for a discovery meeting and then invite them back for an retirement strategy meeting. Hopefully, we can confirm whether they are on track to achieve their goals with their existing financial providers. If appropriate, however, we'll suggest ways we can help, including recommending another qualified advisor if we're not a good fit for them. Either way, your family and friends will receive a Retirement Strategy Report and a detailed analysis of their current investment portfolio—a value that may be in excess of \$10,000.

RETIREMENT SECOND OPINION

Phase 1

Phase 2

Discovery meeting

Mutual commitment meeting

INTEGRATIVE WEALTH MANAGEMENT

INVESTMENT MANAGEMENT

- Strategic planning
- Goal monitoring
- Performance evaluation
- Risk evaluation
- Portfolio structuring
- Manager due diligence

ADVANCED PLANNING

 Wealth enhancement, including tax minimization and liability restructuring

- Wealth transfer
- Wealth protection
- Charitable impact

RELATIONSHIP CONSULTATIONS

- Regularly scheduled calls, emails, reviews and in-person meetings
- Network of specialists, including accounting, tax, legal, insurance, actuarial and benefits resources



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