

## retirewise ${ }^{\circ}$

Creating and Managing Wealth

PlanSmart

## What is important about retirement planning

 to you?
## MetLife



## Looking at an important relationship



## MełLife



## MełLife

Applying the Rule of 25 to calculate the total assets needed to meet retirement goals

## Assume an assets drawdown of 4\%, starting at retirement in 15 years

| Monthly | Annual |  |
| :---: | :---: | :---: |
| \$5,000 | \$60,000 | - need based on homework |
| \$2,500 | \$30,000 | - available via Social Security, pensions |
| \$2,500 | \$30,000 | - gap we need to fill |
|  | $\times 25$ | - 100 divided by 4\% drawdown |
|  | \$750,000 | - of assets needed |
|  | \$450,000 | - of assets available |
|  | \$300,000 | - additional assets needed |

## Manage risks

Understand the risks inherent in different types of investments

## Investment guiding principles

## Stay invested



It's "time in" the market, not "timing" the market

Balance

Don't pay the cost of waiting

A diversified portfolio of investments may allow for more consistent returns
Get invested

Diversify


## Mełlife

## Risk/return tradeoff



## Standard deviation (or risk)

## Metlife



Ford Mustang 1985 \$6,572*


Ford Mustang 2016 \$33,295"

## MełLife



## MetLife

## Trading days with changes of 1\% or more in domestic stock prices

Shows the percentage of days over the past 30 years that the stock market gained (blue bar) or lost (red bar) 1\% or more of its value, broken down by positive and negative returns.


## Manage risks

Understand the risks inherent in different types of investments

## Investment guiding principles

Get invested $\quad$ Don't pay the cost of waiting

## Metlife

## The investment spectrum



## MetLife

## Foundation

Certificates of Deposit (CDs)*
Savings account

Foundation


Growth

Municipal Bonds
Corporate Bonds
Government
Bonds

Alternative

Precious metals

- Art

Checking account
Short-term government bonds
Money Market accounts


## MełLife

## Conservative

Conservative

- Municipal Bonds
- Corporate Bonds
- Government Bonds

Alternative
Growth

- Stocks

Precious metals

- Tax-free bonds
- Municipal: Federal tax-exempt; may be state or local, depending on your location
- Government: Local tax-exempt
- Taxable bonds
- Corporate


## KEY TAKEAWAY $\square$

Bonds involve more risk than cash equivalents but offer the possibility of higher returns

Bonds can be a key tool in your tax-diversification strategy

## MełLife

## Growth



- Preferred Stocks



## MetLife

## Alternative



- Art
- Real estate



## Metlife

Selling a stock held for 12
months or less
for a profit

Short-term
capital gain
Gain subject to income tax at ordinary rates

Selling a stock held for more than 12 months for a profit

## Long-term

 capital gainFor 2016 gain subject to tax at maximum rate of 20\%*
*For higher income brackets, a 3.8\% Medicare surtax may result in a maximum 23.8\% rate

Your stock pays a cash dividend or you have it automatically invested back into the security

For 2016 most dividends are subject to tax at maximum rate of $20 \%$, although some may still be taxed at ordinary rates

## Manage risks

Understand the risks inherent in different types of investments

Get invested $\quad$ Don't pay the cost of waiting

## Investment guiding principles

Diversify

A diversified portfolio of investments may allow for more consistent returns

## Metlife



## MełLife


6.4\% -

Market Timing 1.8\% Security Selection 4.6\%

[^0]
## Metlife

Traditional


## Next Generation



## MetLife

Annual Returns for Key Indices Ranked in Order of Performance (2004-2015)

Source: Callan Associate Inc., 2016 The Table highlights the uncertainty inherent in all capital markets. Rankings change every year.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline 2004 \& 2005 \& 2006 \& 2007 \& 2008 \& 2009 \& 2010 \& 2011 \& 2012 \& 2013 \& 2014 \& 2015 \\
\hline \begin{tabular}{l}
MSCI \\
Emerging Markets 25.95\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
34.54\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
32.59\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
\(39.78 \%\)
\end{tabular} \& \[
\begin{gathered}
\text { Barclays } \\
\text { Agg } \\
5.24 \%
\end{gathered}
\] \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
79.02\%
\end{tabular} \& Russell 2000 Growth 29.09\% \& \begin{tabular}{l}
Barclays \\
Agg \\
7.84\%
\end{tabular} \& \begin{tabular}{l}
MSCl \\
Emerging \\
Markets \\
18.63\%
\end{tabular} \& Russell 2000 Growth 43.30\% \& \begin{tabular}{l}
S\&P 500 Growth \\
14.89\%
\end{tabular} \& S\&P 500 Growth
\[
5.52 \%
\] \\
\hline Russell 2000 Value
\[
22.25 \%
\] \& MSCI EAFE
\[
13.54 \%
\] \& \begin{tabular}{l}
MSCI \\
EAFE
\end{tabular} \& MSCI EAFE \& \begin{tabular}{l}
Barclays \\
Corp High Yield
\[
-26.16 \%
\]
\end{tabular} \& \begin{tabular}{l}
Barclays \\
Corp High \\
Yield \\
58.21\%
\end{tabular} \& \[
\begin{gathered}
\text { Russell } \\
2000 \\
\\
\mathbf{2 6 . 8 5 \%}
\end{gathered}
\] \& \begin{tabular}{l}
Barclays \\
Corp High \\
Yield \\
4.98\%
\end{tabular} \& \begin{tabular}{l}
Russell 2000 Value \\
18.05\%
\end{tabular} \& \[
\begin{gathered}
\text { Russell } \\
2000 \\
\\
\mathbf{3 8 . 8 2 \%}
\end{gathered}
\] \& S\&P 500
13.69\% \& S\&P 500
1.38\% \\
\hline \begin{tabular}{l}
MSCI \\
EAFE \\
20.25\%
\end{tabular} \& S\&P 500 Value
\[
5.82 \%
\] \& \begin{tabular}{l}
Russell 2000 Value \\
23.48\%
\end{tabular} \& \begin{tabular}{l}
S\&P 500 \\
Growth
\[
9.13 \%
\]
\end{tabular} \& Russell 2000 Value
\[
-28.92 \%
\] \& Russell 2000 Growth 34.47\% \& Russell 2000 Value
\[
24.50 \%
\] \& S\&P 500 Growth
\[
4.65 \%
\] \& \begin{tabular}{l}
S\&P 500 Value \\
\(17.68 \%\)
\end{tabular} \& Russell 2000 Value
\[
34.52 \%
\] \& \begin{tabular}{l}
S\&P 500 Value \\
12.36\%
\end{tabular} \& Barclays Agg 0.55\% \\
\hline \[
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
\] \& S\&P 500 \& \[
\begin{aligned}
\& \text { S\&P } 500 \\
\& \text { Value }
\end{aligned}
\] \& \begin{tabular}{l}
Russel 2000 \\
Growth
\end{tabular} \& Russell 2000 \& MSCI EAFE \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets
\end{tabular} \& S\&P 500 \& MSCI EAFE \& \begin{tabular}{l}
S\&P 500 \\
Growth
\end{tabular} \& Barclays Agg \& MSCI EAFE \\
\hline 18.33\% \& 4.91\% \& 20.81\% \& 7.05\% \& -33.79\% \& 31.78\% \& 19.20\% \& 2.11\% \& 17.32\% \& 32.75\% \& 5.97\% \& -0.81\% \\
\hline \begin{tabular}{l}
S\&P 500 Value \\
15.71\%
\end{tabular} \& \begin{tabular}{l}
Russell 2000 Value \\
4.71\%
\end{tabular} \& \begin{tabular}{l}
Russell \\
2000 \\
18.37\%
\end{tabular} \& \begin{tabular}{l}
Barclays Agg \\
6.97\%
\end{tabular} \& \begin{tabular}{l}
S\&P 500 Growth \\
-34.92\%
\end{tabular} \& \begin{tabular}{l}
S\&P 500 Growth \\
31.57\%
\end{tabular} \& Barclays Corp High Yield 15.12\% \& S\&P 500 Value -0.48\% \& \begin{tabular}{l}
Russell \\
2000 \\
16.35\%
\end{tabular} \& S\&P 500

$32.39 \%$ \& | Russell |
| :--- |
| 2000 |
| Growth |
| 5.60\% | \& | Russell |
| :--- |
| 2000 |
| Growth |
| -1.38\% | <br>


\hline | Russell 2000 |
| :--- |
| Growth | \& \[

$$
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
$$

\] \& S\&P 500 \& S\&P 500 \& S\&P 500 \& \[

$$
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
\text { S\&P } 500 \\
\text { Value }
\end{gathered}
$$

\] \& | Russel 2000 |
| :--- |
| Growth | \& S\&P 500 \& \[

$$
\begin{aligned}
& \text { S\&P } 500 \\
& \text { Value }
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
$$
\] \& S\&P 500 Value <br>

\hline 14.31\% \& 4.55\% \& 15.79\% \& 5.49\% \& -37.00\% \& 27.17\% \& 15.10\% \& -2.91\% \& 16.00\% \& 31.99\% \& 4.89\% \& -3.13\% <br>

\hline | Barclays |
| :--- |
| Corp High Yield | \& | Russell |
| :--- |
| 2000 |
| Growth |
| 4.15\% | \& | Russell |
| :--- |
| 2000 |
| Growth |
| 13.35\% | \& | S\&P 500 Value |
| :--- |
| 1.99\% | \& | Russell |
| :--- |
| 2000 |
| Growth |
| -38.54\% | \& S\&P 500 \& S\&P 500

15.06\% \& \begin{tabular}{l}
Russell <br>
2000 <br>
-4.18\%

 \& 

Barclays <br>
Corp High <br>
Yield <br>
15.81\%

 \& 

MSCI EAFE <br>
22.78\%

 \& 

Russell 2000 Value <br>
4.22\%

\end{tabular} \& \[

$$
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
$$
\] <br>

\hline S\&P 500 \& $$
\text { S\&P } 500
$$

Growth \& Barclays Corp High Yield \& Barclays Corp High Yield \& S\&P 500 Value \& S\&P 500 Value \& S\&P 500 Growth \& Russell 2000 Value \& S\&P 500 Growth \& Barclays Corp High Yield \& Barclays Corp High Yield \& Barclays Corp High Yield <br>

\hline | S\&P 500 |
| :--- |
| Growth | \& Barclays Corp High Yield \& | S\&P 500 |
| :--- |
| Growth | \& \[

$$
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
$$

\] \& MSCI EAFE \& Russell 2000 Value \& MSCI EAFE \& MSCI EAFE \& | Russell 2000 |
| :--- |
| Growth | \& Barclays Agg \& | MSCI |
| :--- |
| Emerging |
| Markets | \& Russell 2000 Value <br>

\hline 6.13\% \& 2.74\% \& 11.01\% \& -1.57\% \& -43.38\% \& 20.58\% \& 7.75\% \& -12.14\% \& 14.59\% \& -2.02\% \& -1.82\% \& -7.47\% <br>

\hline \[
$$
\begin{gathered}
\text { Barclays } \\
\text { Agg }
\end{gathered}
$$

\] \& Barclays Agg \& Barclays Agg \& Russell 2000 Value \&  \& Barclays Agg \& Barclays Agg \& | MSCI |
| :--- |
| Emerging Markets | \& Barclays Agg \& | MSCI |
| :--- |
| Emerging |
| Markets | \& MSCI EAFE \& | MSC |
| :--- |
| Emerging |
| Markets | <br>

\hline 4.34\% \& 2.43\% \& 4.33\% \& -9.78\% \& -53.18\% \& 5.93\% \& 6.54\% \& -18.17\% \& \& \& -4.90\% \& -14.60\% <br>
\hline
\end{tabular}

## Metlife

## Annual Returns for

 Key Indices Ranked in Order of Performance (2004-2015)Source: Callan Associate Inc., 2016 The Table highlights the uncertainty inherent in all capital markets. Rankings change every year.

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\hline \begin{tabular}{l}
MSCI \\
Emerging Markets 25.95\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
34.54\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
32.59\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
39.78\%
\end{tabular} \& \begin{tabular}{l}
Barclays \\
Agg \\
5.24\%
\end{tabular} \& \begin{tabular}{l}
MSCI \\
Emerging \\
Markets \\
79.02\%
\end{tabular} \& \[
\begin{aligned}
\& \text { Russell } \\
\& 2000 \\
\& \text { Growth }
\end{aligned}
\] \& \begin{tabular}{l}
Barclays \\
Agg \\
7.84\%
\end{tabular} \& MSCl Emerging Markets 18.63\% \& Russell 2000 Growth \& S\&P 500 Growth
\[
14.89 \%
\] \& S\&P 500 Growth
\[
5.52 \%
\] \\
\hline \begin{tabular}{l}
Russell 2000 Value \\
22.25\%
\end{tabular} \& \begin{tabular}{l}
MSCI EAFE \\
13.54\%
\end{tabular} \& MSCI
EAFE

$\mathbf{2 6 . 3 4 \%}$ \& | MSC EAFE |
| :--- |
| 11.17\% | \& | Barclays |
| :--- |
| Corp High Yield -26.16\% | \& Barclays Corp Hig Yield 58.21\% \& Russell 2000 $26.85 \%$ \& 3arclays orp High Yield 4.98\% \& | Russell 2000 Vall |
| :--- |
| 18.05\% | \& | Russell |
| :--- |
| 2000 |
| 38.82\% | \& | $\text { S\&P } 500$ |
| :--- |
| 13.69\% | \& S\&P 500

1.38\% <br>

\hline | MSCI |
| :--- |
| EAFE | \& | S\&P 500 |
| :--- |
| Value | \& Russell 2000 Value \& S\&P 500 Growth \& Russell 2000 Value \& | Russell |
| :--- |
| 2000 |
| Growth | \& \[

200 alue

\] \& S\&P 500 Growth \& \[

$$
\begin{gathered}
\text { S\&P } 500 \\
\text { Value }
\end{gathered}
$$

\] \& \[

208 alue
\] \& S\&P 500 Value \& Barclays Agg <br>

\hline \& 5.82\% \& 23.48\% \& 9.13\% \& Rusty \& 34.47\% \& 4.50 \& 4.65\% \& 17.68\% \& 34.52 \& 12.36\% \& 0.55\% <br>

\hline $$
\begin{gathered}
\text { Russell } \\
2000 \\
\mathbf{1 8 . 3 3 \%}
\end{gathered}
$$ \& \[

$$
\begin{aligned}
& \text { S\&P } 500 \\
& 4.91 \%
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\text { S\&P } 500 \\
\text { Value }
\end{gathered}
$$

\] \& | Russell |
| :--- |
| 2000 |
| Growth |
| 7.05\% | \& \[

$$
\begin{gathered}
\text { Russell } \\
2000 \\
\\
-\mathbf{3 3 . 7 9 \%}
\end{gathered}
$$

\] \& | MSCI |
| :--- |
| EAFE |
| 31.78\% | \& MSCl emergin Markets 19.20\% \& S\&P 500

2.11\% \& MSCI EAFE \& S\&P $5 t$ Growth

$$
32.75 \%
$$ \& \[

$$
\begin{gathered}
\text { Barclays } \\
\text { Agg } \\
5.97 \%
\end{gathered}
$$

\] \& | MSCI EAFE |
| :--- |
| $-0.81 \%$ | <br>


\hline | Value |
| :--- |
| 15.71\% | \& Russell 2000 Vali \& \[

$$
\begin{gathered}
\text { Russell } \\
2000 \\
\\
\mathbf{1 8 . 3 7 \%}
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \begin{array}{l}
\text { 3arclays } \\
\text { Agg }
\end{array} \\
& 6.97 \% \\
& \hline
\end{aligned}
$$

\] \& GT M ${ }^{\text {c }}$ \& S\&P 500 Growth \& Barclays Corp High Yield 15.12\% \& | S\&P 500 |
| :--- |
| Value |
| 0.48\% | \& \[

$$
\begin{gathered}
\text { Russell } \\
2000 \\
\\
16.35 \%
\end{gathered}
$$

\] \& \[

S\&P 500
\]

\[
32.39 \%

\] \& | Russell 2000 |
| :--- |
| Growth | \& \[

$$
\begin{gathered}
\text { Russell } \\
\text { 2000 } \\
\text { Growth } \\
-1.38 \% \\
\hline
\end{gathered}
$$
\] <br>

\hline | Russell |
| :--- |
| 2000 |
| Growth |
| 14.31\% | \& \[

$$
\begin{gathered}
\text { Russell } \\
2000 \\
\\
\mathbf{4 . 5 5 \%}
\end{gathered}
$$
\] \& \& S\&P 500

$5.49 \%$ \& 8P 500

$37.00 \%$ \& \[
$$
\begin{gathered}
\text { Russell } \\
2000
\end{gathered}
$$

\] \& S\&P 500 Value $15.10 \%$ \&  \& .00\% \& | S\&P 500 |
| :--- |
| Value |
| 31.99\% | \& | Russell 2000 |
| :--- |
| 4.89\% | \& S\&P 500 Value <br>


\hline | Barclays |
| :--- |
| Corp High Yield 11.13\% | \& | 2000 Growth |
| :--- |
| 4.15\% | \& Russell 2000 Growth

$$
13.35 \%
$$ \& S\&P 500 Value 1.99\% \& Russell 2000 Growth -38.54\% \& 26.47\% \& S\&P 500

15.06\% \& $$
\begin{gathered}
\text { Russell } \\
2000 \\
-4.18 \%
\end{gathered}
$$ \& Barclays orp High Yield 15.81\% \& MSCI EAFE

$$
22.78 \%
$$ \& \[

$$
\begin{gathered}
2000 \mathrm{Val} \\
4.22 \%
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
\text { Russell } \\
2000 \\
-4.41 \%
\end{gathered}
$$
\] <br>

\hline S\&P 500
10.88\% \& S\&P 500 Growth

\[
4.00 \%

\] \& | Barclays |
| :--- |
| Corp High |
| Yield |
| 11.85\% | \&  \& \[

$$
\begin{gathered}
\text { S\&P } 500 \\
\text { Value } \\
-39.22 \%
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
\text { S\&P } 500 \\
\text { Value } \\
\\
21.17 \%
\end{gathered}
$$
\] \& S\&P 500 Growth

\[
15.05 \%

\] \& | 2000 Value |
| :--- |
| $-5.50 \%$ | \& | S\&P 500 |
| :--- |
| Growth |
| 14.61\% | \& Barclays Corp High Yield 7.44\% \& | Barclays |
| :--- |
| Corp High Yield 2.45\% | \& \[

$$
\begin{aligned}
& \text { Corp High } \\
& \text { Yield } \\
& -4.47 \%
\end{aligned}
$$
\] <br>

\hline S\&P 500 Growth

6.13\% \& \begin{tabular}{l}
Barclays <br>
Corp High <br>
Yield <br>
2.74\%

 \& 

S\&P 500 <br>
Growth <br>
11.01\%

\end{tabular} \& \[

$$
\begin{gathered}
\text { Russell } \\
2000 \\
-1.57 \%
\end{gathered}
$$

\] \& | MSCI |
| :--- |
| EAFE |
| -43.38\% | \& Russell 2000 Value

20.58\% \& \begin{tabular}{l}
MSCI EAFE <br>
7.75\%

 \& 

MSCI <br>
EAFE <br>
-12.14\%

 \& 

Russell <br>
2000 <br>
Growth <br>
14.59\%

 \& Barclays Agg $-2.02 \%$ \& 

MSCI <br>
Emerging Markets

$$
-1.82 \%
$$

\end{tabular} \& Russell 2000 Value <br>

\hline $$
\begin{gathered}
\text { Barclays } \\
\text { Agg }
\end{gathered}
$$ \& Barclays Agg \& \[

$$
\begin{gathered}
\text { Barclays } \\
\text { Agg }
\end{gathered}
$$

\] \& 2000 Value \& | MSCI |
| :--- |
| Emerging Markets | \& Barclays Agg \& Barclays Agg \& | MSCI |
| :--- |
| Emerging Markets | \& \[

$$
\begin{gathered}
\text { Barclays } \\
\text { Agg }
\end{gathered}
$$

\] \& | MSCI |
| :--- |
| Emerging Markets | \& MSCI EAFE \& | MSCI |
| :--- |
| Emerging |
| Markets | <br>

\hline 4.34\% \& 2.43\% \& 4.33\% \& -9.78\% \& -53.18\% \& 5.93\% \& 6.54\% \& -18.17\% \& 4.21\% \& -2.27\% \& -4.90\% \& -14.60\% <br>
\hline
\end{tabular}

## MetLife

Barclays Aggregate Bond Index (formerly the Lehman Brothers Aggregate Bond Index) includes U.S. government, corporate, and mortgagebacked securities with maturities of at least one year.

Barclays Corporate High Yield Bond Index measures the market of USD-denominated, non-investment grade, fixed-rate, taxable corporate bonds. Securities are classified as high yield if the middle rating of Moody's, Fitch, and S\&P is Ba1/BB+/BB+ or below, excluding emerging market debt.

MSCI EAFE is a Morgan Stanley Capital International Index that is designed to measure the performance of the developed stock markets of Europe, Australasia, and the Far East.
MSCI Emerging Markets is a Morgan Stanley Capital International Index that is designed to measure the performance of equity markets in 21 emerging countries around the world.

Russell 2000 measures the performance of small capitalization U.S. stocks. The Russell 2000 is a market-value-weighted index of the 2,000 smallest stocks in the broad-market Russell 3000 Index. These securities are traded on the NYSE, AMEX, and NASDAQ.

Russell 2000 Value and Russell 2000 Growth measure the performance of the growth and value styles of investing in small cap U.S. stocks. The indices are constructed by dividing the market capitalization of the Russell 2000 Index into Growth and Value indices, using style "factors" to make the assignment. The Value Index contains those Russell 2000 securities with a greater-than-average value orientation, while the Growth Index contains those securities with a greater-than-average growth orientation. Securities in the Value Index generally have lower price-to-book and price-earnings ratios than those in the Growth Index. The indices are market-capitalization- weighted. The constituent securities are not mutually exclusive.
S\&P 500 measures the performance of large capitalization U.S. stocks. The S\&P 500 is a market-value-weighted index of 500 stocks that are traded on the NYSE, AMEX, and NASDAQ. The weightings make each company's influence on the Index performance directly proportional to that company's market value.
S\&P 500 Growth and S\&P 500 Value measure the performance of the growth and value styles of investing in large cap U.S. stocks. The indices are constructed by dividing the market capitalization of the S\&P 500 Index into Growth and Value indices, using style "factors" to make the assignment. The Value Index contains those S\&P 500 securities with a greater-than-average value orientation, while the Growth Index contains those securities with a greater-than-average growth orientation. The indices are market-capitalization- weighted. The constituent securities are not mutually exclusive.
A mutual funds portfolio may differ significantly from the securities held in the indices. These indices are not available for direct investment, therefore, their performance does not reflect the expenses associated with the active management of an actual portfolio. Past performance is no guarantee of future results and investment results and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Total return includes reinvestment of dividends and capital gains.

## MełLife

- Investors pool their money to purchase shares in a professionally managed portfolio of stocks, bonds, or other investments
- This provides an affordable way to access professional money managers
- The money managers buy and sell securities based on the stated objective of the mutual fund which often includes diversification



## MełLife

## Sales Charges

Commissions and Loads

## Expense Ratios

All annual fees charged by all funds, including the management fee, the administrative costs, 12b-1 distribution fees and other operating expenses

## Turnover

Measures how long the holdings are held, which can impact capital gains taxes

## Investment Policy

Cash reserves on hand

## These four factors impact earnings

## MełLife

Mutual funds are sold by prospectus, which is available from your registered representative. Please carefully consider investment objectives, risks, charges, and expenses before investing. For this and other information about any mutual fund investment please obtain a prospectus and read it carefully before you invest. Investment return and principal value will fluctuate with changes in market conditions such that shares may be worth more or less than original cost when redeemed. Diversification cannot eliminate the risk of investment losses, and past mutual fund performance is not a guarantee of future results.

## Determining your asset allocation

## The following questions will enable you to determine your time horizon and risk tolerance

 levels so that you can select a model asset allocation strategy. Please answer all of the questions and then calculate your score as indicated and select the corresponding asset allocation strategy from the provided table. Please remember these are only suggested allocations; the final decision is up to you.What is the primary financial goal for this investment?

| A. Retirement | B. Education | C. Estate Planning |
| :--- | :--- | :--- |

D. Other (e.g., down payment toward the purchase of a home)

TIME HORIZON QUESTIONS

1. What is your current age? For couples,
please use the average age of your two ages
a) Over 70
b) $60-70$
c) 46-59
d) 45 and below
2. When would you anticipate taking regular cash distributions from your account ?
a) Less than 2 years
b) 2-5 years
c) 6-9 years
d) 10-15 years
e) More than 15 years, or I do not anticipate taking cash distributions

RISK TOLERANCE QUESTIONS
3. Your risk tolerance describes your willingness to accept fluctuations in your account value in order to achieve the long-term financial objective. Which statement best describes your tolerance for risk?
a) Avoiding loss in my account value is more important to me than experiencing long-term growth
b) I desire long-term growth of my account value, but I am more concerned with avoiding losses
c) I am concerned with avoiding losses, but this is outweighed by my desire to achieve long-term growth in my account value
d) To maximize the chance of experiencing high long-term growth of my account value, I am willing to accept losses

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While diversification through an asset allocation strategy is a useful technique that can help to manage overall portfolio risk and volatility, there is no certainty or assurance that a diversified portfolio will enhance overall return or outperform one that is not diversified.

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## One Way



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## Next Generation



This is a hypothetical example for illustrative purposes only

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## Allocating money based on when you need it

While diversification through an
asset allocation strategy is a useful technique that can help to manage overall portfolio risk and volatility, there is no certainty or assurance that a diversified portfolio will enhance overall return or outperform one that is not diversified.


Conservative Investment Mix to ensure "now income"

Later Much

Aggressive Investment mix to allow for growth over long haul

Moderate
Investment
mix

## Later Money <br> Much

Different allocations may make sense for different time frames

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## Manage risks

Understand the risks inherent in different types of investments

Get invested $\quad$ Don't pay the cost of waiting

## Investment guiding principles

A diversified portfolio of investments may allow for more consistent returns

Stay invested

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This example is hypothetical and for illustrative purposes only. It does not represent the past, present or future performance of any actual investment nor is it a guarantee of any kind.
Source: ChartSource ${ }^{\circledR}$, Wealth Management Systems Inc. For the period from July 1, 1995, through June 30, 2015. Based on total returns of Standard \& Poor's Composite Index of 500 Stocks, an unmanaged index that is generally considered representative of the U.S. stock market. It is not possible to invest directly in an index. Past performance is not a guarantee of future results. Copyright © 2015, Wealth Management Systems Inc.

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Dollar Cost Averaging does not ensure a profit nor does it protect against a loss in declining markets. It involves continuous investment in securities regardless of fluctuating price levels. An investor should consider his or her ability to continue purchases in periods of low or fluctuating price levels.

## Manage risks

Understand the risks inherent in different types of investments

Get invested $\quad$ Don't pay the cost of waiting

## Investment guiding principles

A diversified portfolio of investments may allow for more consistent returns

It's "time in" the market, not "timing" the market

Balance

## Stay invested



Periodic adjustments are needed due to varied

Diversify
 economic conditions

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Original allocation


Portfolio grows and allocation shifts with time


Reallocation back to original


## Homework: Your retirement budget



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Past performance is no guarantee of future results. Diversification does not ensure a profit or guarantee against a loss.

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## Next step

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## retirewise ${ }^{\circ}$

Establishing Your Retirement Income Stream

## retirewise ${ }^{\circ}$

## 1 <br> Building the Foundation



2
Establishing Your Retirement Income Stream


4
Making the Most of What You Have


[^0]:    Source: 1986 Brinson, Hood, and Beebower's study (also known as "Determinants of Portfolio Performance")

