Fiduciary Best Practices in Target Date Funds

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Fiduciaries, not fund companies, need to establish objectives:
Safety or Growth

Our Message

Fiduciaries have a responsibility to choose GOOD Target Date Funds (TDFs). Status as a Qualified Default Investment Alternative does not mean that any TDF will suffice.

Fiduciaries, not fund companies, need to establish objectives:
Safety or Growth

Agenda

- SEC and DOL June 18, 2009 Hearings
- The Prudence and Wisdom of "TO" Funds
- Safe Landing Glide Path™: A standard for TO Funds
- Risks and Rewards of "TO" and "THROUGH" Funds
- Fiduciary Imperative
2008 Has Been a Safety Test
Should Investors be Better Protected?

- 40
- 35
- 30
- 25
- 20
- 15
- 10
- 5
0
Current 2010 2020 2030 2040

2010 Funds Are the Focus Of SEC & DOL Hearings
Average Equity Allocation = 45%

(S&P Return: -37%)

Fund companies assure all is OK

The June 18, 2009
SEC and DOL Hearings

- Mutual funds are NOT Fiduciaries to the retirement plan. Collective Trusts are.
- Plan sponsors have the responsibility of selecting and monitoring TDFs. Plan recordkeepers might not be the best choice.
- Most TDFs are “Through” funds, designed to last to death, so the target date is meaningless.
- Fiduciaries, not beneficiaries, must be better informed & educated.

THE Key Decision

Safety
Growth
Fiduciary Checklist for Safety First

QDIA → TDF → To → Flat equity → Ad hoc

Glide Path

Financially Engineered

At Target

All safe

Balanced

Managed

TDF

To

Flat equity

Ad hoc

QDIA

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Fred Reish, ERISA Attorney, says...

“It is critical that fiduciaries understand the competing philosophies of target-date managers... and identify high-quality target-date funds that are structured accordingly... target-date funds come in two “flavors”: those that anticipate being cashed out at the plan’s retirement age and those that do not. However, it seems to me that 401(k) plans mainly have one flavor: those that cash out at retirement...” (i.e. “TO” Funds)

“Targeted Flavors”, July 30, 2009, Plan Sponsor magazine
Real “To” Funds Address the Problems with “Through” Funds

• Participants withdraw accounts at target date
• Target is Death, not Retirement
• No glide path can manage Longevity Risk (except “The Hemlock Fund”)
• Transition period is in Jeopardy. Sacrifices Safety for Growth.
• Designed for Profit, not Safety: Proprietary funds, high fees, emphasis on equities near target (high fees), hope to retain assets beyond target

The Transition from Accumulation to Distribution is Critical

Qualified Default Investment Alternatives (QDIAs) should protect as retirement approaches since savings are especially dear then.

Proof that the Transition Period is Critical

Growth of a 40/60 Stock/Bond Well-diversified Portfolio over past 39 Years, in Actual Sequence, then Reversed.

Someone retiring in 1970 with $500,000, and spending 5% per year, increasing by 4% per year, would have $4.5 Million today. But if the market gods “Benjamin Buttoned” the return sequence, experiencing 2008 1st, the investor would have gone broke 7 years ago. Note that ending wealth would be identical if there were no withdrawals.
Glide Paths: Equity Allocations of “TO” versus “THROUGH”

Objective transitions from growth to preservation, with BIG difference near target date.

Similar Risk

Risk Control

S&P Target date index is an industry average of all target date funds.
SLGP is our Safe Landing Glide Path™ – a “TO” Fund

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Objectives and Policies

Hippocratic Oath for Target Date Funds: **First, lose no money**

<table>
<thead>
<tr>
<th>Objectives</th>
<th>Policies</th>
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<tbody>
<tr>
<td>1. <strong>Safety</strong></td>
<td>✓ Diversification</td>
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<tr>
<td></td>
<td>✓ Risk Control</td>
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<tr>
<td>2. <strong>Growth</strong></td>
<td>✓ Sound Theory</td>
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<tr>
<td></td>
<td>✓ Low cost</td>
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</tbody>
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The “Capital Market Line.”
Dr. William F. Sharpe won a Nobel Prize for it. Liability Driven Investing (LDI) guides the allocation along the line. It is the Safe Landing Glide Path™.

The Reserve Asset protects against losses, both absolute & against inflation: TIPS and Treasury Bills.

The Safe Landing Glide Path™ Move along The Efficient Frontier Reach the Market Portfolio At 15 Years to Target Date

A closer look at The Safe Landing Glide Path™

Open Architecture, Mostly Passive
**Benefits of The Best Glide Path**

- Diversification
- Risk Control
- Sound Theory
- Low Fees

= Safe Landing Glide Path™

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**Reward-to-Risk Ratios 1926-2008**

- **40-year Periods**
  - To: 3.5
  - Through: 2.5
  - To is 7% Higher

- **10-year Periods**
  - To: 0.7
  - Through: 0.4
  - To is 34% Higher

Please see “Measuring the Risks and Rewards of Target Date Funds” in Jan/Feb 2010 Investment and Wealth Monitor
The Proof of the Pudding

Looking Back to Better Times:
3 Years Ending 12/31/2007

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Fiduciary Considerations

- Current common practice: “Through” funds
  - Procedural prudence
  - 35% Equity at target date is OK?
- Safety First: “To” Funds
  - Substantive prudence
  - Duty of Care: Participant expectations
  - 35% at target date is probably too much

Summary

1. The key decision is “To” or “Through” target date: Safety or Growth
2. Investment managers are mostly providing “Through” products. Profits are a probable reason.
3. Plan sponsors are responsible for selecting & monitoring. Convenience and familiarity with the plan’s recordkeeper are not suitable criteria.
4. The Safe Landing Glide Path™ exemplifies a good target date fund glide path.
A Key Decision: Choosing a GOOD Target Date Fund

Plan sponsors have a fiduciary duty to select and monitor GOOD target date funds.

It's All About the Beneficiaries: What are Their Objectives?

Recordkeepers might not be the best choice.
The Committee’s investigation found that there are significant differences in the asset allocation of target date retirement funds, . . . one 2010 target date retirement fund . . . lost over 40 percent in 2008. A loss of this magnitude simply should not occur in a financial product that was designed and is specifically advertised to limit risk and volatility as one nears retirement."

Letter from Senator Kohl to Chairman of the SEC, February 24, 2009.

Target Date Investments

Senator Kohl, Chair of the Senate’s Special committee on Aging, held hearings earlier this year . . . then urged the SEC and DOL to follow up.

On June 18th, the DOL and SEC held a joint hearing, focusing on the following questions:

- How TDF managers determine asset allocations and changes to asset allocations (including glide paths) over the course of a TDF’s operation;
- How they select and monitor underlying investments;
- How the foregoing, and related risks, are disclosed to investors; and
- The approaches or factors for comparing and evaluating TDFs.
Legal Issues and Practical Consequences

The preamble to the QDIA regulation says:

“The selection of a particular qualified default investment alternative (i.e., a specific product, portfolio or service) is a fiduciary act and, therefore, ERISA obligates fiduciaries to act prudently and solely in the interest of the plan’s participants and beneficiaries.

A fiduciary must engage in an objective, thorough, and analytical process that involves consideration of the quality of competing providers and investment products, as appropriate.”

The Fiduciary Process

The fiduciary process for selecting target date investments involves:

• The qualitative and quantitative analysis generally used for investments, including reasonableness of expenses.
• An analysis of asset allocation.
• An analysis of the glide path (“to” and “through”).
• An analysis of its manager and its abilities and limitations.
• An analysis of the needs of the plan and the needs and abilities of the participants.

Note: Benchmarking issues
Open architecture

Focus on Older Participants

Asset Allocation and Glide Path:

“It is in the glide path where we see the most fundamental differences between fund families. For instance, do the managers believe their job is to boost retirement account balances through aggressive growth strategies, or do they believe their job is more accurately stated by the Hippocratic paraphrase, ‘First, do no harm?’

--Popping the Hood II, An Analysis of Target Date Fund Families, by Turnstone Advisory Group LLC.

Note: Focus on final 10 years.
Needs of Plan and Participants

The courts have embraced the need for fiduciaries to assess the needs of a plan in making decisions regarding plan investments:

“Failure to investigate the needs of a plan or to ascertain the particular requirements or restrictions of a plan, and failure to invest in accordance with the best interest of plan participants . . . constitutes a breach of fiduciary duties imposed by ERISA.”

TDF Distinctions

- Aggressive versus conservative
- Focus on last 10 years
- Asset classes

SEC and DOL Guidance

"THE GOOD NEWS IS YOU CAN RETIRE AT 65. THE BAD NEWS IS THAT IT'S 2065!"
Consequences

- Better information for plan sponsors, as fiduciaries
- Prudent process and informed decisions by fiduciaries
- Better communication with participants—reasons and risks
- Alternative choices from providers

Note re Kohl proposal for legislation on fiduciary status.
Narrowing the Target Date Fund Choice to the Risk Zone of Retirement Savings

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Most are aware of the sensitivity of lifestyle in retirement to the “risk zone”, which is roughly the 5 years before retirement and the five years after retirement. Losses during this critical time period inflict a double whammy on retirees: (1) dollar losses are at their highest level because account balances are their largest (see graph at right), and (2) retirees can only respond with a reduced standard of living since re-entry into the workforce is limited.

We need to be especially protective during the risk zone. But how do we measure and evaluate safety in this critical period, especially as it relates to the popular target date fund (TDF)? One way is to define risk as a dollar loss rather percentage loss. Losing 10% of a one dollar portfolio is significantly less painful than losing 10% of a million dollar savings account. Life style in retirement relies on money, not percentages. I have measured risk in this fashion and published my findings in the Jan/Feb issue of the Investment & Wealth Monitor, a publication of the Investment Management Consultants Association (IMCA). The article contrasts the reward (dollar growth) and risk (of dollar loss) of the Safe Landing Glide Path™ (SLGP) target date fund to that of the typical TDF. The SLGPTM ends the target date glide path almost entirely in safe assets, whereas the typical TDF ends at 35% in equities because it is a “through” fund designed to continue beyond the retirement date, so it is substantially riskier in the risk zone. See graph and reference below.
As comes as no surprise, the SLGP™ delivers superior reward-to-risk in the risk zone, defined as the last 10 years before retirement. Somewhat surprising, reward-to-risk is about the same for the entire 40 years prior to retirement, primarily because the glide paths of the two approaches are very similar at 15 years or more away from the target date, so 25 of the 40 years are in synch.

Enlightened fiduciaries should focus on the risk zone in their target date fund selection. Most TDFs provide similar asset allocations prior to the risk zone, and then they become widely disparate in their equity exposures during the risk zone. Most TDFs view the target date as a speed bump in the highway of life, ignoring the risk zone altogether. It is during this critical period that TDFs demonstrate their mettle, protecting or not. Safety first is the right choice as the target date nears because life styles are at stake.

**Reward-to-Risk Ratios 1926-2008**

![Graph showing reward-to-risk ratios for 40-year and 10-year periods.](image)

To (SLGP) is 7% Higher

To (SLGP) is 34% Higher

Please see “Measuring the Risks and Rewards of Target Date Funds” in Jan/Feb 2010 Investment and Wealth Monitor

Also see video of Prof. Moshe Milevski, York University, at [Return sequence risk](https://example.com)