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Securing Your Pension Promises by Mitigating Risk and Creating Shareholder Value

Nandini Mongia

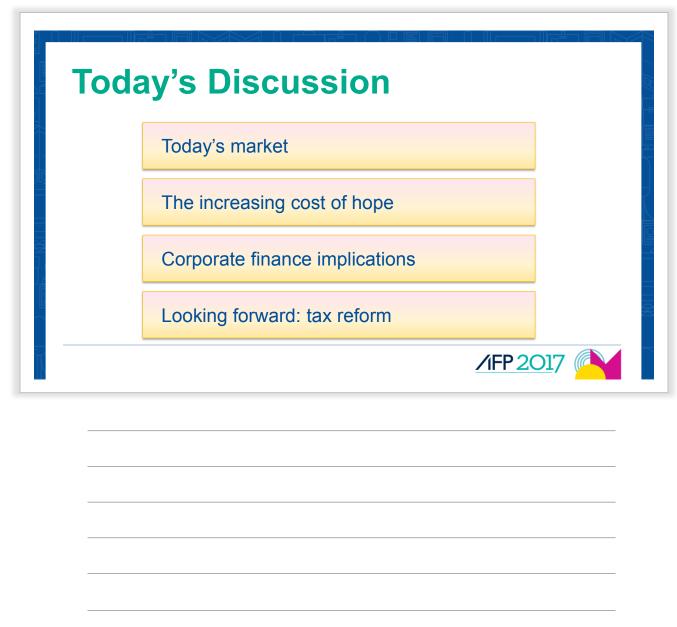
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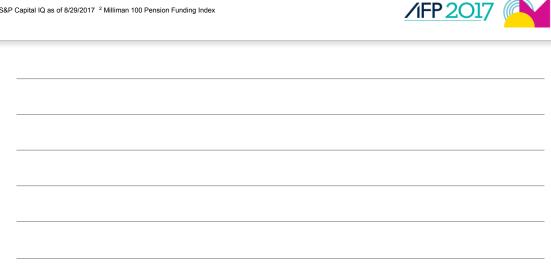


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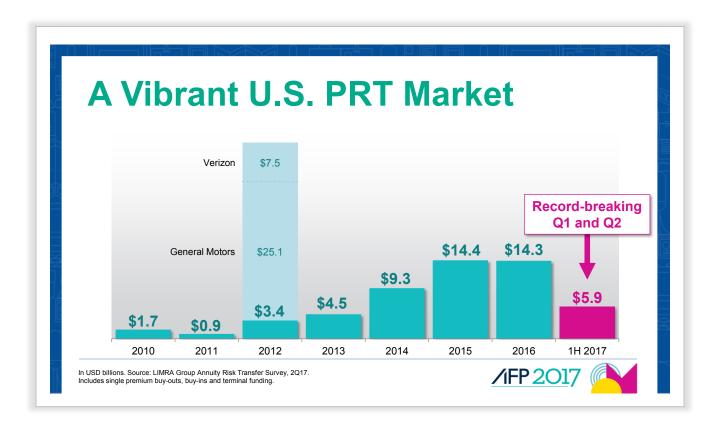
Means and Markets Have Aligned

- Equities have gained over 14%, and the 10-year UST has increased by 25bps since the election¹
- Funded status is 83.0% as of August 31, 2017, up from 75.6% one year ago²
- Costs of maintaining a plan continue to rise
 - PBGC premiums: flat-rate from \$69 today to \$80 in 2019 variable-rate from 3.4% today to at least 4.2% in 2019

¹ S&P Capital IQ as of 8/29/2017 ² Milliman 100 Pension Funding Index



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A Vibrant U.S. PRT Market

2016 PRT Market Players by Size

Market Size	Transactions	Bidders	Liability
Small (<\$100M)	359	14	\$3.9B
Mid (\$100M-\$1B)	26	9	\$7.3B
Jumbo (>\$1B)	1	5	\$2.5B
Total	386	15	\$13.7B

Significant Buy-outs Since 2012

Over \$50 billion and 450,000 participants

General Motors J.C. Penney

Verizon PPG

Bristol-Myers Squibb WestRock Co.

Motorola Solutions United Technologies Corp.

Kimberly-Clark Sears Holdings Corp. (2017)
Philips Hartford Financial (2017)
Timken International Paper (2017)

Source: Obtained through company filings and other publicly available sources.

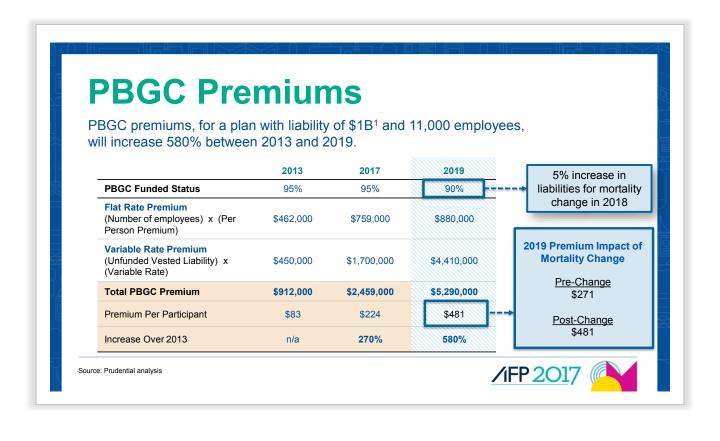


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The Increasing Cost of Hope

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Mortality Table Updates

IRS has announced a new mortality basis effective January 1, 2018.

New tables will increase liability for three important calculations

- Funding requirements (Target Liability)
- PBGC variable premium
- Calculation of minimum lump sum values

Impact on PRT Market

Will increase PBGC variable premiums for sponsors not at the cap, increasing the value of transferring risk.

The increase in lump sum amounts will likely slow down vested terminated lump sum programs, freeing up company and administration time to focus on PRT transactions as the next most logical risk transfer option.

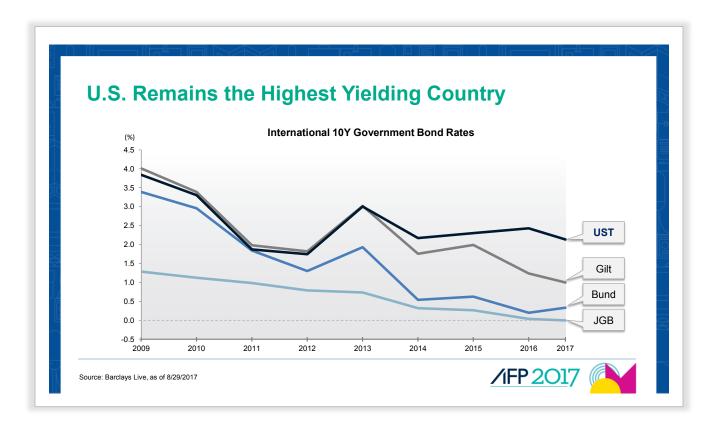
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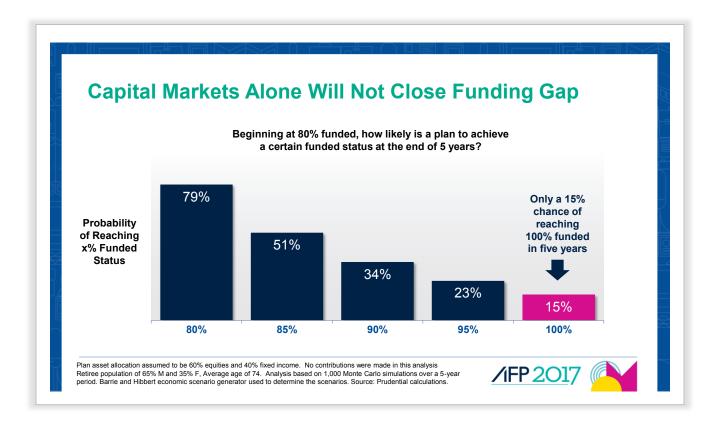
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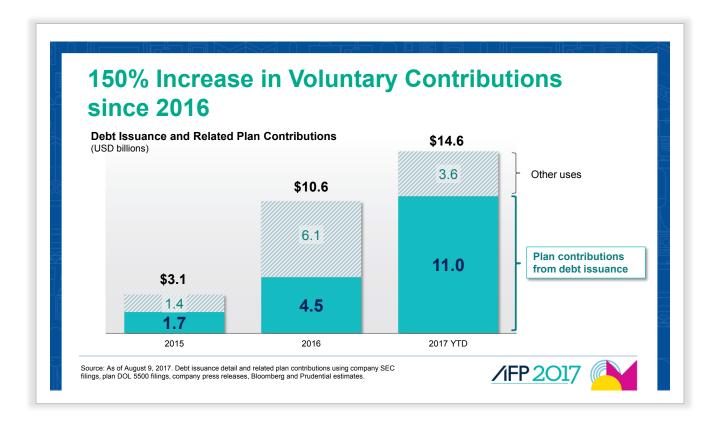
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What Can Companies Do? Borrow to Fund Continues to be Viable

Company	Issue Date	Amount Issued	Related Plan Contribution
International Paper	8/9/2017	\$1,000	\$1,250
Valvoline Inc.	8/8/2017	\$400	\$395
The Kroger Co.	7/24/2017	\$1,500	\$1,000
E. I. du Pont de Nemours and Company	5/1/2017	\$2,000	\$2,000
Verizon Communications	3/16/2017	\$6,500	\$3,400
Delta Air Lines	3/14/2017	\$2,000	\$2,000
FedEx Corp.	1/6/2017	\$1,200	\$1,000

Company	Issue Date	Amount Issued	Related Plan Contribution
Northrop Grumman Corp.	12/1/2016	\$750	\$20
CSX Corp.	10/18/2016	\$2,200	\$220
Altria Group, Inc.	9/16/2016	\$2,000	\$500
Cox Communications, Inc.	9/13/2016	\$1,000	\$1,000 ⁽¹⁾
Premier Health Partners	8/31/2016	\$300	\$217 ⁽²⁾
International Paper	8/11/2016	\$2,300	\$500
General Motors Company	2/23/2016	\$2,000	\$2,000

In USD millions; Debt issuance detail and related plan contribution information from company SEC filings, plan DOL 5500 filings, company press releases, Bloomberg, and Prudential estimates. (1) Intended use of proceeds from Fitch and Moody's reports dated 9/8/16. Related plan contribution from the Cox Enterprises, Inc. Pension Plan 2015 DOL Form 5500 filing dated 10/16/16. (2) Intended use of proceeds from Fitch report dated 8/10/16. Related plan contribution from the Premier Health Partners Employee Retirement Plan 2015 DOL Form 5500 filing dated 10/11/16.

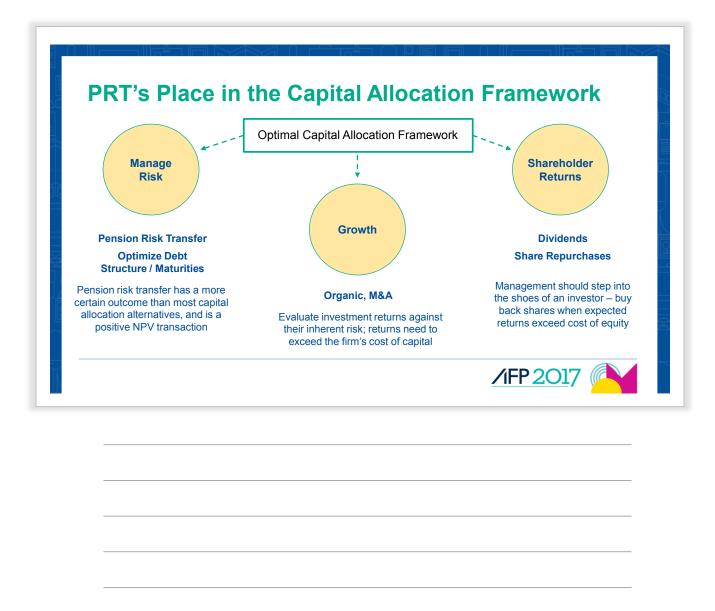


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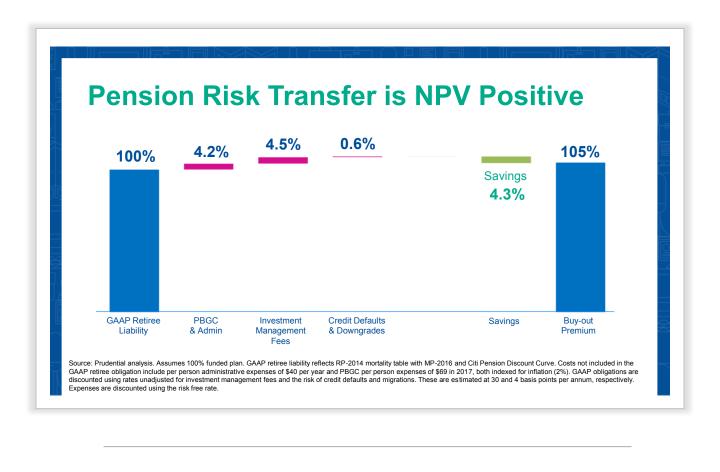


Corporate Finance Implications

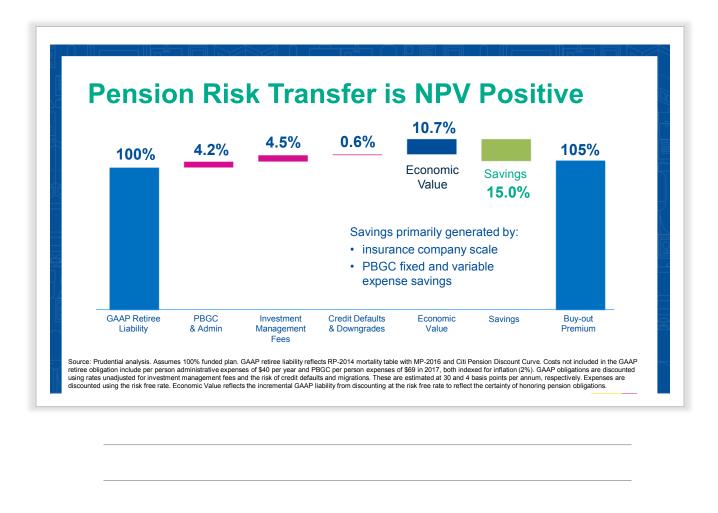
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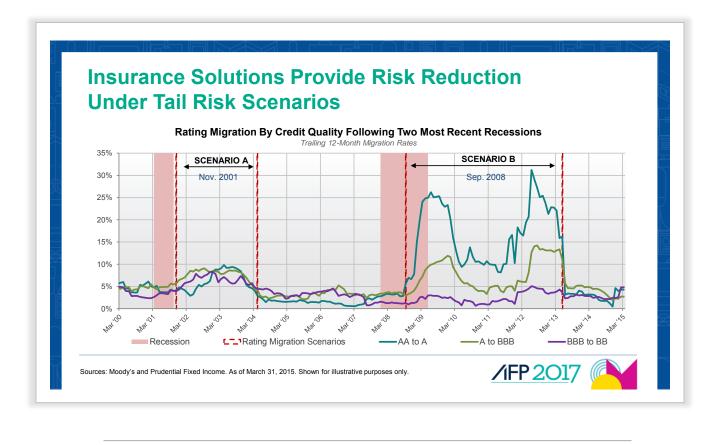
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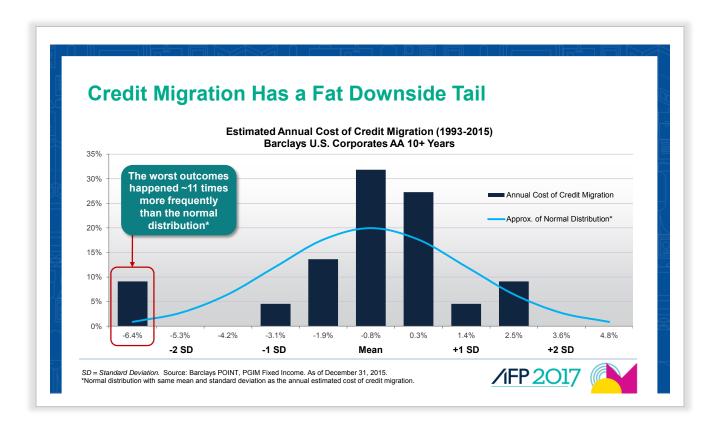
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Stock Performance Relative to Market

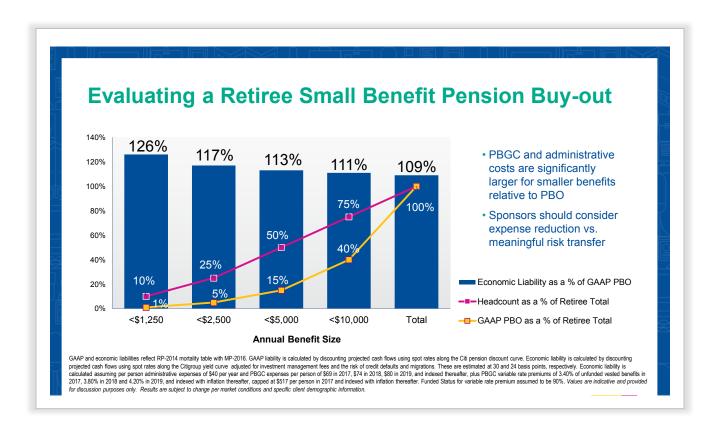
Company Name	Announcement Date	Transaction Size (currency in millions)	Transaction Type	PBO ÷ Market Cap prior to transaction	Performance Relative to Market
General Motors	6/1/2012	\$25,000	Buy-out	386%	1.61%
Verizon Communications, Inc.	10/18/2012	\$8,000	Buy-out	24%	2.61%
Motorola Solutions, Inc.	9/25/2014	\$3,100	Buy-out	59%	2.33%
WestRock Company	9/9/2016	\$2,500	Buy-out	58%	-1.08%
Kimberly-Clark	2/23/2015	\$2,500	Buy-out	17%	0.06%
The Hartford	6/26/2017	\$1,600	Buy-out	30%	1.08%
PPG Industries	6/28/2016	\$1,600	Buy-out	20%	0.12%
Bristol-Myers Squibb	10/1/2014	\$1,400	Buy-out	9%	0.75%
Philips	10/1/2015	\$1,100	Buy-out	9%	1.22%
J.C. Penney	10/2/2015	\$840	Buy-out	166%	5.58%
NCR	11/20/2013	£670	Buy-in	104%	0.59%

Source: Capital IQ. Returns are adjusted for dividends. In USD millions; Announcement day returns relative to relevant market index. Pension overhang defined as PBO + Market Capitalization





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Looking Forward: Tax Reform

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Key Tax and Regulatory Reform Proposals

Reduced corporate tax rate

35% U.S. corporate tax rate may be lowered to 15% or 20%¹

Fewer Tax Deductions

GOP Blueprint proposes to limit or eliminate tax deductibility of interest expense

Repatriation

One-time tax on accumulated deferred foreign earnings expected to be between 8.75% to 10%²

Move to a territorial tax system that exempts foreign business earnings of U.S. companies from U.S. taxes

Deregulation

Likely to see a decrease in regulations

White House proposal 15%, GOP Blueprint 20%. "A Better Way: Our Vision for a Confident America." Policy paper, Tax Reform Task Force, GOP, June 24, 2016. "Briefing by Secretary of the Treasury Steven Mnuchin and Director of the National Economic Council Gary Cohn," April 26, 2017.

"Trump's campaign proposal included a 10% tax rate on repatriated earnings. "Tax Reform that will Make America Great Again," https://assets.donald/jtrump.com/trump-tax-reform.pdf. GOP Blueprint proposes 8.75%.



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Implications of Reform Proposals

Accelerate Funding

Increase pension contributions before corporate tax rate is reduced

Use Repatriated Cash

Pension contributions can be sourced from repatriated earnings

Increased M&A activity

Pro-growth agenda, rising equity valuation, and availability of overseas cash could drive M&A

Re-evaluate optimal debt equity mix

Companies will re-evaluate capital structure, and may reduce reliance on debt

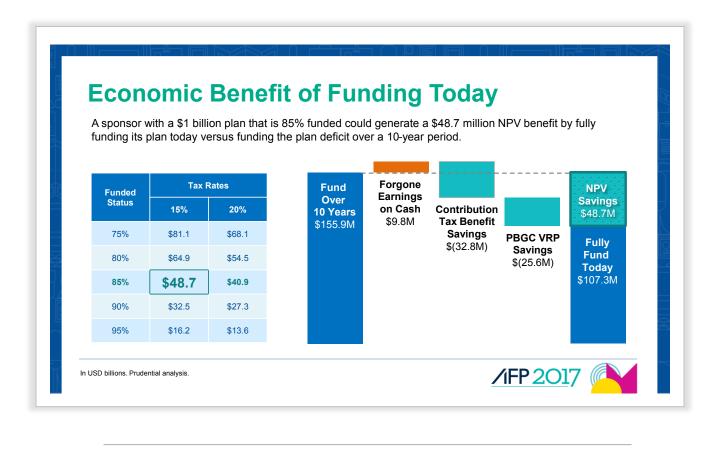
Accelerate de-risking plans

May result in demand supply imbalance for high quality debt as demand from pension plans/insurers remains strong while new issuance declines

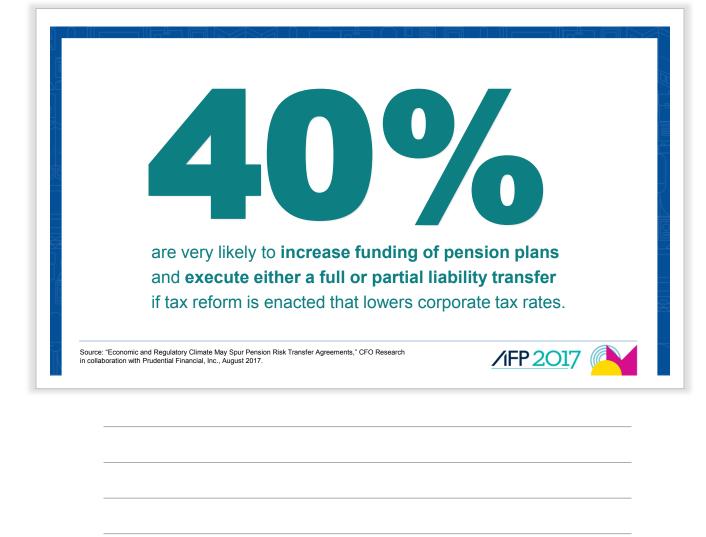




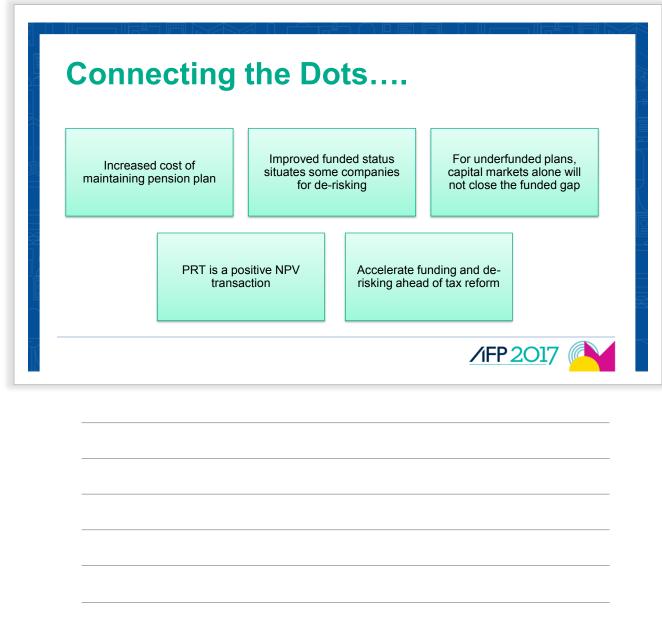
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