The Current Status of Public Pensions

Jean-Pierre Aubry Director of State and Local Research Center for Retirement Research at Boston College

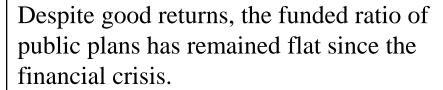
National Association of State Budget Officers Phoenix, MA March 30th, 2018

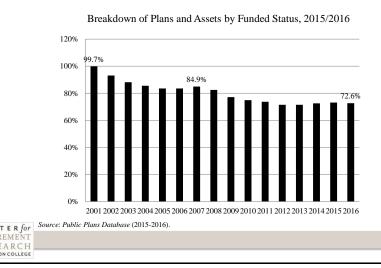


Overview

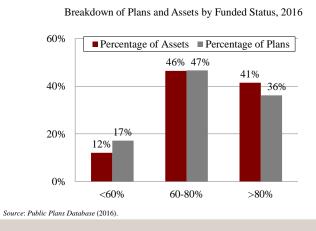
- What is the current status of public pensions?
- What have they done to improve their finances?
- What about the future?



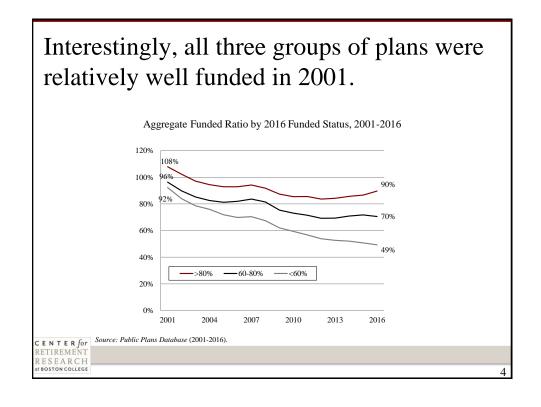


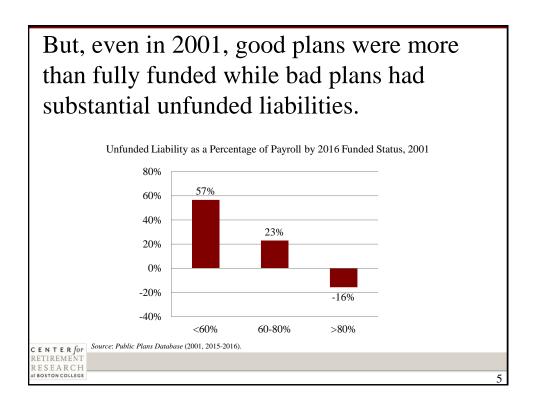


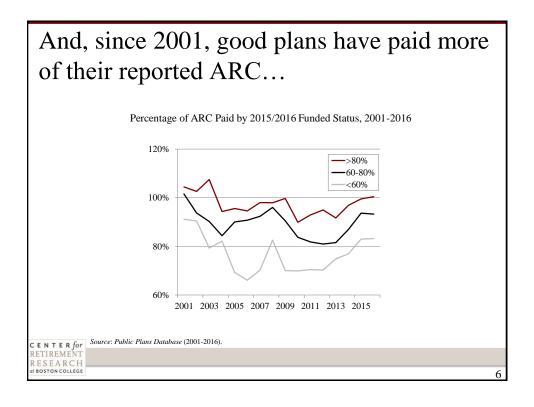
But, public plans are not all in the same position – they can be put into groups by funded status.

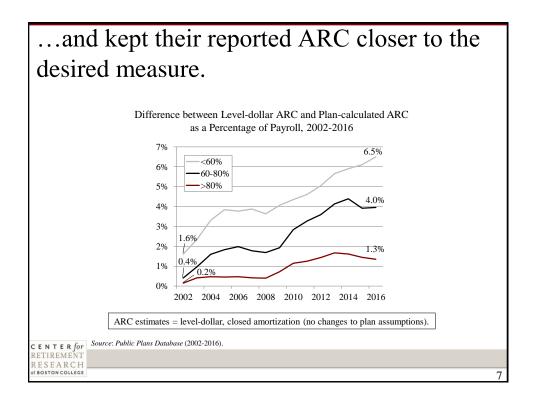


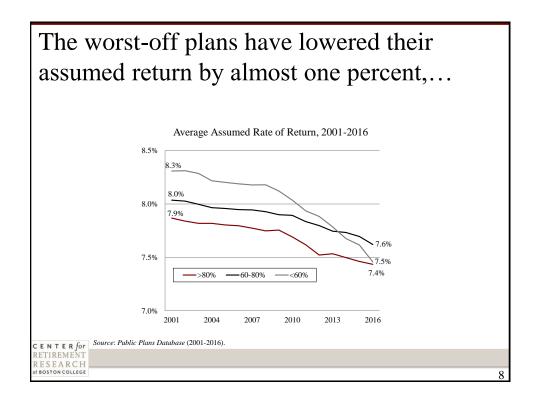
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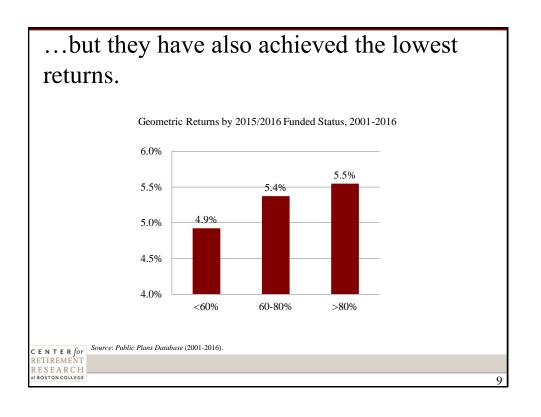


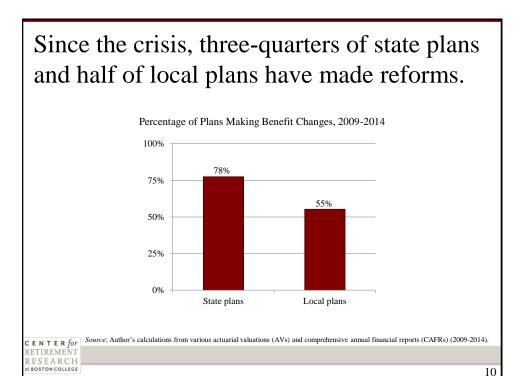


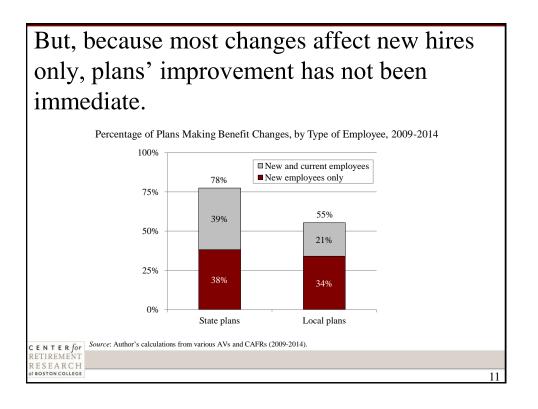


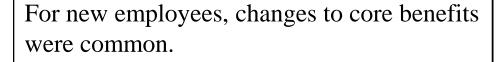




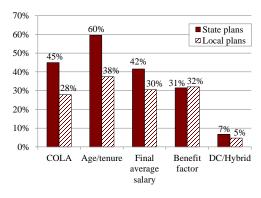








Percentage of Plans Making Benefit Changes to New Employees by Type of Reform, 2009-2014



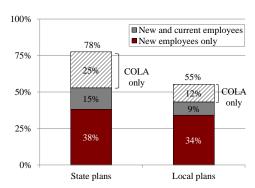
CENTER for Source: Author's calculations from various AVs and CAFRs (2009-2014).

TREMENT

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For current employees, cuts to COLAs were most common.

Percentage of Plans Making Benefit Changes, by Type of Employee, 2009-2014



T E R for Source: Author's calculations from various AVs and CAFRs (2009-2014).

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Reforms have focused on new hires due to legal protections for current employees.

Legal Basis for Protection of Public Pension Rights under State Laws

	Benefit accruals protected			
Legal basis	Past and future	Past and maybe future	Past only	None
State constitution	AK, IL, NY	AZ	HI, LA, MI	
Contract	CA, GA, KS, MA,	CO, ID, MD, MS, NJ,	AL, AR, DE, FL, IA,	
	NE, NV, NH, OR, PA,	RI, SC	KY, MO, MT, NC, ND,	
	TN, VT, WA, WV		OK, SD, UT, VA	
Property	ME, WY	CT, NM	WI, OH	
Promissory estoppel ^a	MN			
Gratuity				IN, TX ^b

a Promissory estoppel is the protection of a promise even where no contract has been explicitly stated.

^b In Texas, this gratuity approach applies only to state-administered plans. Accruals in many locally-administered plans are protected under the Texas constitution.

Sources: Cloud (2011); Monahan (2010); National Conference on Public Employee Retirement Systems (2007); Mumford and Pareja C E N T E R for (1997); Reinke (2011); Staman (2011); Simko (1996); and subsequent communications with plan administrators and legal counsel.

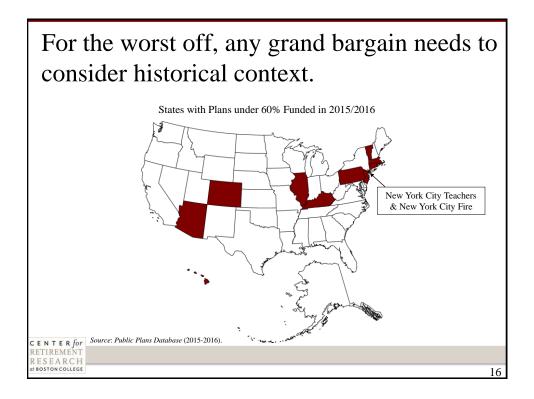
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What can plans do?

- Good plans (>80% funded)
 - Adopt best measure of ARC.
 - o Gradually reduce return assumption.
- Middle plans (60-80% funded)
 - o Adopt best measure of ARC.
 - 。 Pay full ARC.
 - o Gradually reduce return assumption.
 - Model investments after good plans.
- Bad plans (<60% funded): Most need a "grand bargain" that spreads sacrifice among workers, retirees, and taxpayers.





Some bad plans are old and have large legacy costs.

Massachusetts:

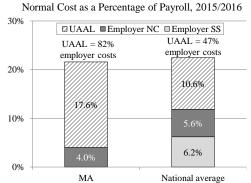
- 1910s: Plans created, funded on "pay-as-you-go" basis.
- 1987: Law adopted requiring actuarial funding within 10 years.
- 1998: Payments began based on actuarial funded schedule.

SOURCES: Personal correspondence with the state actuary and plan reports.

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DEFERANCE

82% of MA retirement contributions go to legacy costs – no Social Security and small employer contribution to normal cost.



Note: For comparability, the MA UAAL amortization cost was recalculated based on a closed, 30-year, level-percent amortization of 2016 UAAL, assuming 3-percent payroll growth.

Source: Public Plans Database (2015-2016).

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So, two items merit consideration in any grand bargain.

- Perhaps remove legacy costs from the plan so that current employees are not burdened by historical underfunding.
- Any new defined benefit plan should have substantial risksharing so that we don't end up in the same mess again.

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Conclusion

- The public pension universe has separated into three groups: good, middle, and the bad.
- Plans can do better by:
 - using level-dollar, closed amortization period for ARC;
 - paying the full ARC;
 - gradually reducing assumed returns, and
 - trying to model investment performance after best plans.
- However, some plans can't solve their problem with traditional means and will require a grand bargain in which all parties sacrifice.



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State and Local Pension Research



http://crr.bc.edu/special_projects/state_and_local_pension_plans.html

Public Plans Database (PPD)



http://publicplansdata.org/



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Jean-Pierre Aubry Director of State and Local Research Center for Retirement Research at Boston College aubryj@bc.com

