# LONGEVITY AND RETIREMENT SECURITY

U. S. Chamber of Commerce "The Shifting Paradigm of Retirement" Feb. 3, 2017



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Longevity becoming a common term in retirement vernacular

- Definitions of longevity risk include:
  - Individuals outliving their financial resources.
  - Uncertainty about future mortality improvements.
  - Additional cost to a system or to society at large.
  - Adverse consequences of living a long time.



## Yes, we are living longer and aging as a society

Years	Retiree	Spouse	Either	Both
0	100%	100%	100%	100%
5	93%	95%	100%	88%
10	83%	89%	98%	74%
15	71%	79%	94%	56%
20	54%	65%	84%	35%
25	34%	46%	64%	16%
30	16%	25%	37%	4%
35	5%	10%	14%	0%

The number of Americans ages 65 and older is projected to rise from 15% to 24% by 2060.

Source: Population Reference Bureau

A couple age 65 in 2017 have an 84% chance at least one will live to age 85 and 14% chance at least one will live to 100.

Years	Retiree	Spouse	Either	Both
0	100%	100%	100%	100%
5	95%	97%	100%	92%
10	89%	92%	99%	82%
15	79%	85%	97%	68%
20	66%	75%	92%	50%
25	49%	59%	79%	29%
30	29%	39%	57%	12%
35	13%	20%	30%	2%

The same couple, but now age 25, will have a 92% chance at least one will live to age 85 and a 30% chance at least one will live to 100.

Source: Actuaries Longevity Illustrator



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#### The Actuaries Longevity Illustrator — <u>www.longevityillustrator.org</u>



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## The good news and bad news of living longer...

# Good news – more life to enjoy

Senescence: The process of growing old. It's important to add healthy years/assure quality of life for the extended lifetime.



The good news and bad news of living longer...

#### Bad news – it costs more

# Expenses during retirement could be as much as 20% to 35% higher for those with long lifetimes.\*

\* From "Challenges and Strategies: Financing a Long Lifetime", December 2015, by Vickie Bajtelsmit, Anna Rappaport, and Tianyang Wang, Society of Actuaries. The study measured the wealth needed by a median household at age 66 with a 90% confidence of meeting household expenses during retirement. The longer lifetimes were for those in the upper 1/3 of longevity.



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Longevity considerations for workers and retirees

- We live in a defined contribution (DC) world. Ultimate risk/responsibility lies with the employee.
- Many don't have the requisite knowledge and skills.
- Low understanding of longevity risk.



Source: Living to 100, Insights on the Challenges and Opportunities of Longevity.

Longevity considerations for workers and retirees

- Reluctant to seek/hire professional help
- Reluctant to purchase lifetime income (annuities)
- Rules of thumb don't always work
- Planning for retirement "shocks" is more difficult with longer lifetimes – early retirement, health, inflation
- Defined benefit (DB) benefit "promises" at risk



Longevity considerations for workers and retirees

 Over- or under-estimating one's years in retirement can lead to poor decisions and unwanted consequences.



Longevity considerations for employers

- Increases cost of DB plans
- Increases workforce management challenges
  - Less control with DC plans
    - No target retirement age communicated
    - Difficult to provide early retirement incentives
  - Attraction and retention challenges
  - The new retirement age work until you can't?
- DC features are evolving, but automatic features can provide false sense of retirement security



# Addressing Longevity

- Employer-provided resources (e.g., education, tools) to help understand longevity and how to plan for retirement
- Public policy approaches
- Plan/product innovations
  - Shared DB risk plan designs include lifetime income
  - Behavioral DC plan designs "smart" automatic features and defaults
  - Lifetime income solutions, including longevity annuities (QLACs)



#### Thank You

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# For more information, visit <a href="http://www.actuary.org/content/aging-securely">http://www.actuary.org/content/aging-securely</a>

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