## NATIONAL RETIREMENT PLANNING WEEK ${ }^{\circledR} 2016$

# Embracing the "Big Unknown" When It Comes to Retirement Planning <br> Ted Goldman, MAAA, FSA, EA Senior Pension Fellow American Academy of Actuaries April 13, 2016 



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NATIONAL RETIREMENT
PLANNING WEEK 2016

## Putting Retirement Planning Into Perspective

The term "retirement readiness" is a relatively new phenomenon; however, it has given birth to the term "financial wellness."

One definition of financial wellness*:

- Have control over day-to-day, month-to-month finances
- Have the capacity to absorb a financial shock
- Be on track to meet your financial goals, and
- Have the financial freedom to make the choices that allow you to enjoy life.
* As defined by the Consumer Financial Protection Bureau


## One of the Key and Less Familiar Unknowns Related to Retirement Planning Is Longevity Risk



## Would You Bet Your Life on a Coin Toss?



## Most People Underestimate Their Longevity

| John and Jane are retiring both are age 65 , in average health, and neither smoke | Probability of Survival | John's expected remaining years | Jane's expected remaining years | Expected years where at least one is alive | Expected <br> years <br> where <br> both are <br> alive |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 90\% | 6 | 9 | 18 | 4 |
|  | 75\% | 14 | 17 | 23 | 10 |
| How long should they plan | 50\% | 22 | 25 | (28) | 17 |
|  | 25\% | 28 | 31 | 33 | 23 |
|  | 10\% | 33 | 35 | 37 | 28 |

## More Illustrations -

Planning Periods Are Longer Than You Might Think...

| Probability of Survival <br> (starts at later of age 65 and current age) | Female <br> Age 35 <br> Excellent <br> Health <br> Non-smoker | Male <br> Age 35 <br> Excellent <br> Health <br> Non-smoker | Male <br> Age 50 <br> Poor <br> Health <br> Smoker | Female <br> Age 80 <br> Excellent <br> Health <br> Non-smoker |
| :---: | :---: | :---: | :---: | :---: |
| 90\% | 13 | 10 | 2 | 3 |
| 75\% | 21 | (18) | 7 | 7 |
| 50\% | 29 | $26$ | 13 | 12 |
| 25\% | 35 | $33$ | $21$ | 17 |
| 10\% | $39$ | $37$ | $27$ | $21$ |

## Do You Really Want to Know Exactly How Long You'll Live? So, Embrace the Retirement Unknowns...

How long you and your spouse will live
Your ability to work (for income) during retirement
Your ability to rely on family to pick up any shortfall
The performance of your investments while you are retired
Your health (will one or both of you need long-term care)
Your ability to make sound financial (and other) decisions during retirement
The rate of inflation (buying power over 20-30 years can be meaningful)

## Learn More With Academy Lifetime Income Resources

## Lifetime Income Initiative

http://www.actuary.org/content/lifetime-income-initiative

## THANK YOU

## Questions?

## Appendix - Actuaries Longevity Illustrator

## Actuaries <br> LONGEVITY <br> I LLUSTRATOR

## Appendix - Actuaries Longevity Illustrator

- Offers perspective on how long you might live
- Serves as foundation for understanding your longevity risk
- Will not tell you with certainty how long you will live
- Expected to be available later this year


## Appendix - Actuaries Longevity Illustrator



## Appendix - Actuaries Longevity Illustrator

## Longevity Charts

Here is information about your expected longevity, personalized based on the data you provided.

|  | John |
| :--- | :--- |
| Date of Birth | $01 / 01 / 1980$ |
| Nearest Age | 36 |
| Illustration Age | 35 |
| Gender | Male |
| Do You Smoke? | Nonsmoker |
| General Health | Healthy |

## Appendix - Actuaries Longevity Illustrator

Probability of Living to a Certain Age


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## Appendix - Actuaries Longevity Illustrator

Planning Horizon



