

Mortality Brief

OCACT/SSA

December 13, 2010

Mortality Results: Average Annual Rate of Decline in Age-Adjusted Central Death Rates

	Males			Females		
	<u>Total</u>	<u>0-64</u>	<u>65+</u>	<u>Total</u>	<u>0-64</u>	<u>65+</u>
<i>1900- 1936</i>	0.72%	1.45%	0.20%	0.84%	1.64%	0.31%
<i>1936- 1954</i>	1.57%	2.30%	1.18%	2.37%	3.78%	1.77%
<i>1954- 1968</i>	-0.23%	0.03%	-0.35%	0.73%	0.74%	0.72%
<i>1968- 1982</i>	1.77%	2.43%	1.49%	2.16%	2.45%	2.05%
<i>1979- 2006</i>	1.09%	1.54%	0.92%	0.46%	1.03%	0.28%
<i>1982- 2006</i>	1.12%	1.54%	0.97%	0.43%	0.99%	0.26%
<i>1900- 2006</i>	0.90%	1.48%	0.59%	1.36%	2.05%	1.03%
<i>2006- 2034</i>	0.92%	1.19%	0.84%	0.75%	1.07%	0.67%
<i>2034- 2084</i>	0.77%	1.00%	0.70%	0.76%	1.03%	0.70%

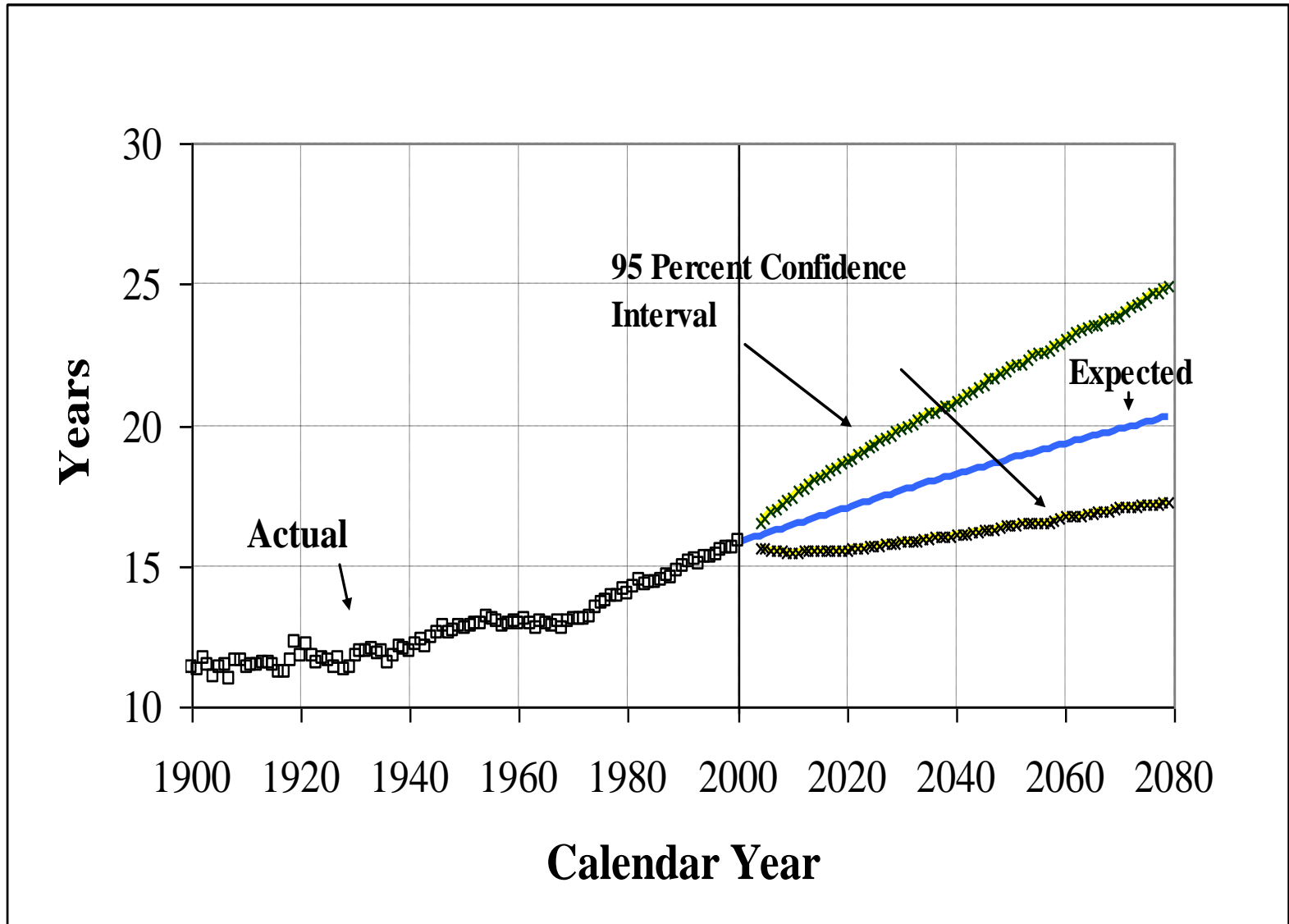
Based on the intermediate assumptions
of the 2010 Trustees Report

Projecting Mortality by Cause of Death

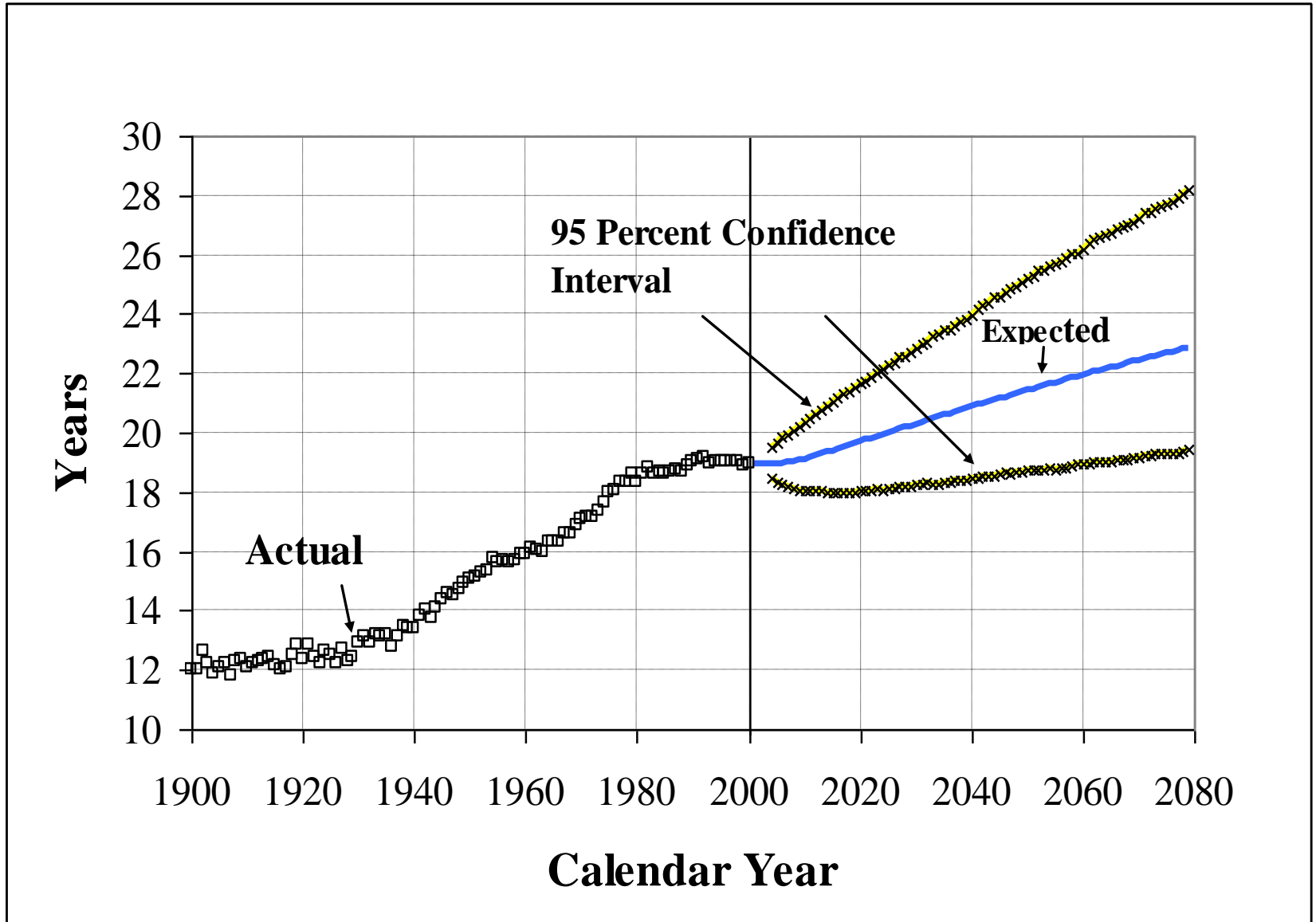
Annual Rates of Reduction in Central Death Rates for Age Group 65-84 by Sex and Cause:

<u>Ages 65 - 84</u>	<u>Male</u>		<u>Female</u>	
	<u>1979-2006</u>	<u>Ultimate</u>	<u>1979-2006</u>	<u>Ultimate</u>
Heart Disease	3.0%	2.2%	2.7%	2.2%
Cancer	0.5	0.8	-0.5	1.0
Vascular Disease	2.8	2.0	2.2	2.0
Violence	0.8	0.5	0.1	0.5
Respiratory Disease	0.2	0.3	-2.9	0.3
Diabetes Mellitus	-2.4	0.3	-1.3	0.3
Other	-0.6	0.3	-1.7	0.3

U.S. Male Life Expectancy at Age 65



U.S. Female Life Expectancy at Age 65



Historical and Projected Annual Reductions in Death Rates: Canada, UK and US

<u>Age</u>	<u>Historical Ave % Reduction</u>			<u>Ultimate Assumed % Reduction</u>		
	<u>Canada</u>	<u>UK</u>	<u>US</u>	<u>Canada</u>	<u>UK</u>	<u>US</u>
	last 60yrs	last 93yrs	last 103yrs			
0-14	4.0	3.6	3.2	0.7	1.0	1.5
15-64	2.0	1.5	1.4	0.7	1.0	0.8
65-84	1.5	1.0	0.8	0.7	1.0	0.7
85+	<u>0.7</u>	<u>0.6</u>	<u>0.4</u>	<u>0.5</u>	<u>1.0</u>	<u>0.6</u>
Total		1.2	1.0		1.0	0.7

Notes:

Ultimate is for the period roughly 2030-2080