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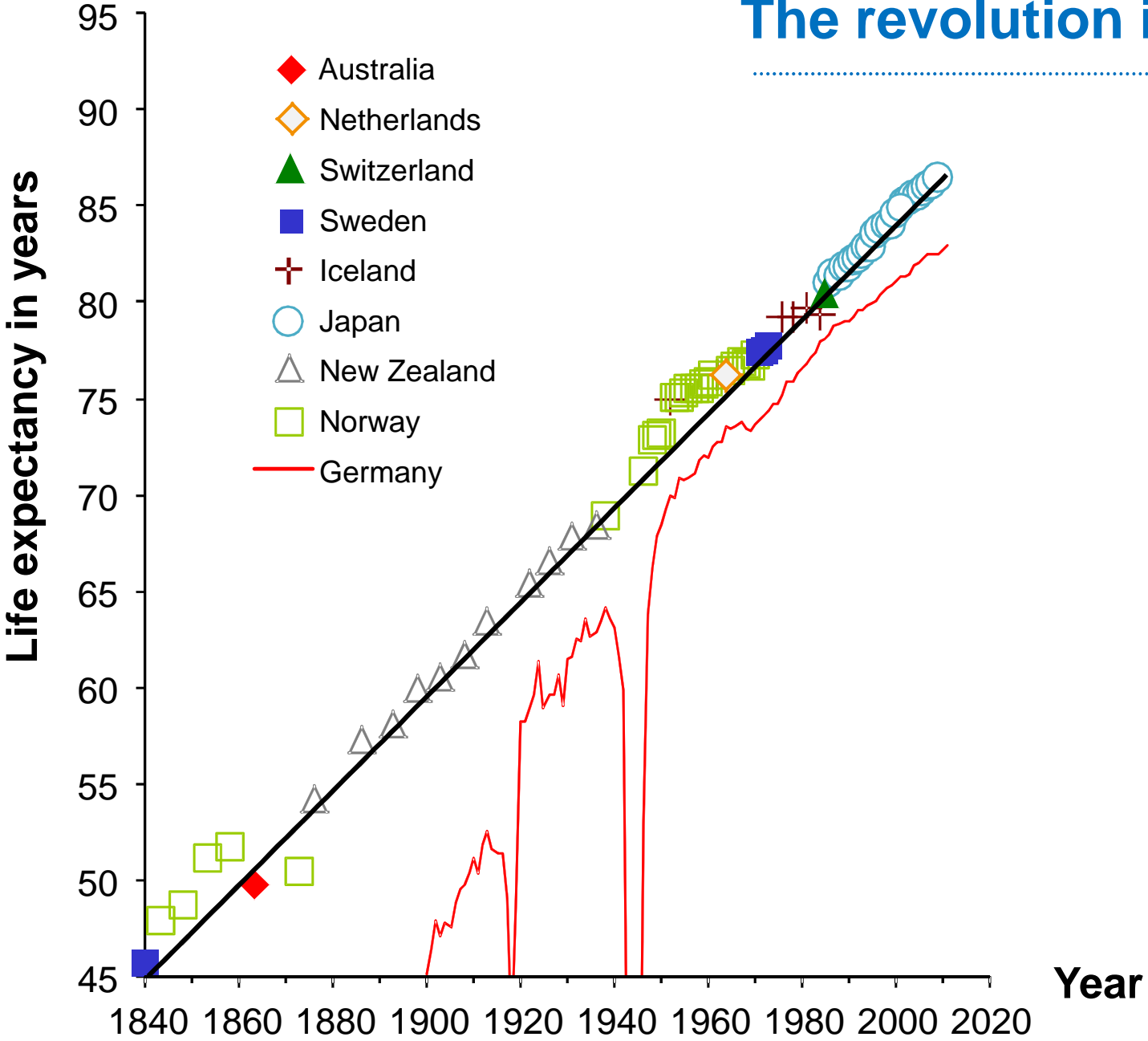
How long will we live? How long will we live healthy? New findings from biodemographic research

by James W. Vaupel

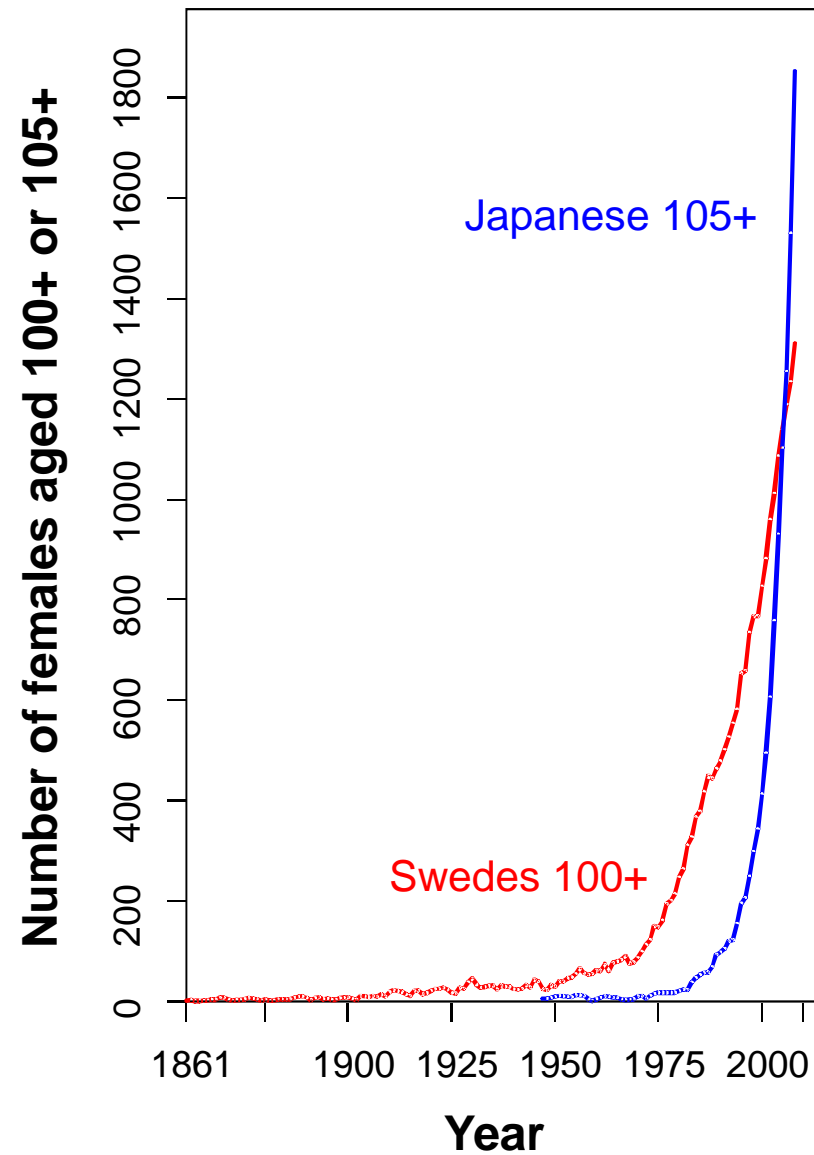
*Max Planck Institute for Demographic Research, Rostock, Germany,
Max-Planck Odense Center on the Biodemography of Aging, Denmark*

Grand Opening of the Exhibition “How to get to 100 – and enjoy it”
Berlin, Allianz Forum, 9 April 2014

The revolution in longevity



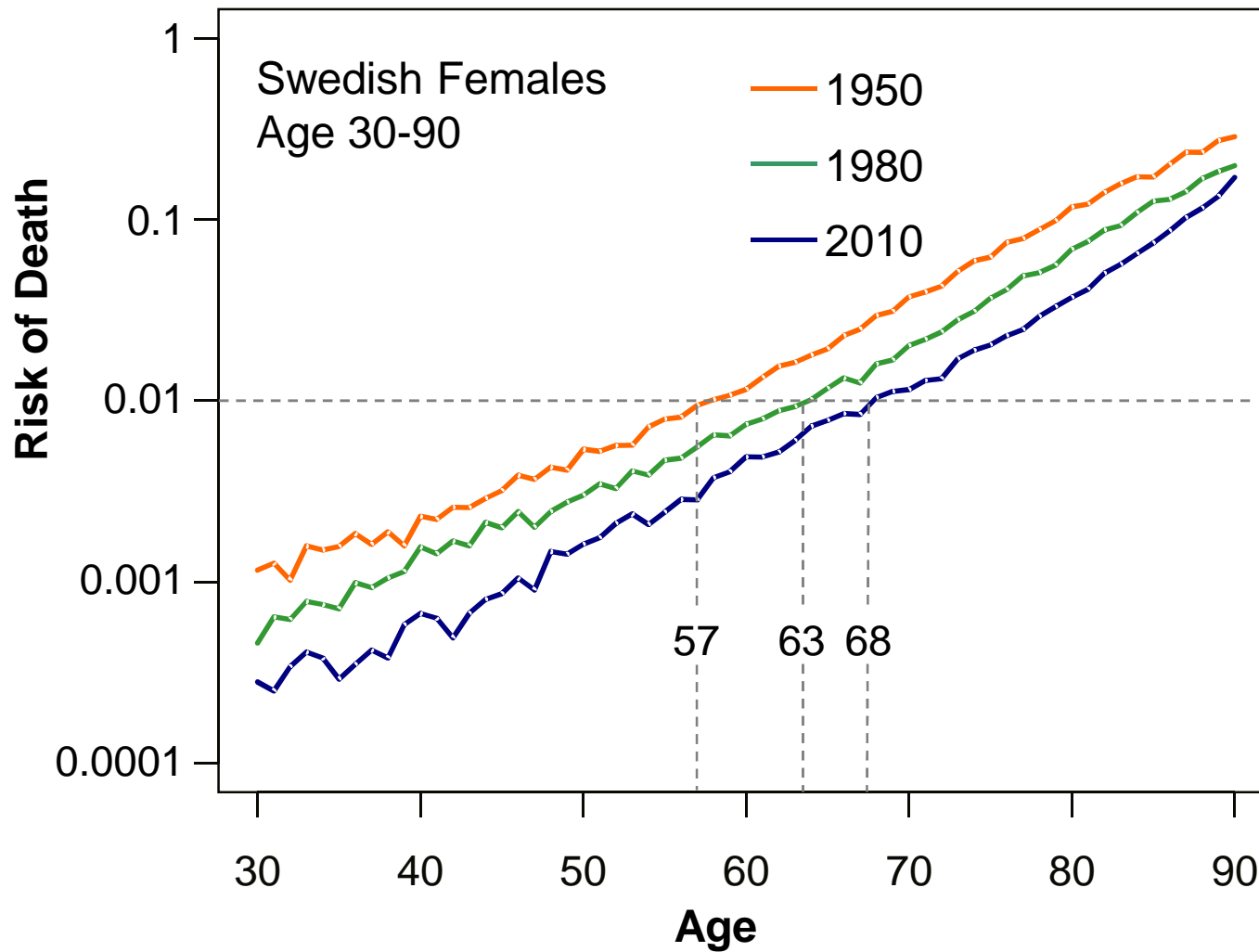
The explosion of centenarians



Oldest age at which at least 50% of a birth cohort is still alive

Year of Birth:	2000	2005	2010
France	101	103	104
Germany	99	100	102
Great Britain	101	102	104
Japan	104	106	107
Sweden	101	102	104
USA	100	101	103

The postponement of senescence: evidence from Sweden



How many of us work? How much do we work?

Country	R, nonworkers per worker			H, hours worked per week per capita		
	2009	2025	Change	2009	2025	Change
Germany	1.13	1.47	30%	12.55	11.16	-11%
France	1.40	1.69	21%	12.45	11.35	-9%
Italy	1.60	1.86	16%	13.14	12.05	-8%
UK	1.11	1.19	7%	14.97	14.67	-2%
USA	1.17	0.99	-15%	15.64	16.36	5%

How much do Danes work?

- 3.8 billion hours
- 5.6 million people
- Implies 13 hours/week/capita
- 2.6 million worked, 47%
- Those who worked, worked 28 hours/week/worker

How much do Danes work?

- Usual workweek 37 hours/week
- But vacations, holidays, sick leave reduce this to 31-32 hours
- Some work part time, leading to the 28 hours/week/worker

Redistribution of work

- 13 hours/week/capita
- 2.6 million worked, 47%
- Those who worked, actually worked 28 hours/week/worker
- If 5% more Danes worked, this could be reduced to 25 hours/week/worker
- And the official work week could be reduced from 37 to 33 hours/week



www.demogr.mpg.de
user.demogr.mpg.de/jwv

Vaupel et al.	<i>Science</i> 1998
Vaupel and Oeppen	<i>Science</i> 2002
Vaupel and Loichinger	<i>Science</i> 2006
Christensen...Vaupel	<i>Lancet</i> 2009
Vaupel	<i>Nature</i> 2010
Baudisch and Vaupel	<i>Science</i> 2012
Jones...Vaupel	<i>Nature</i> 2014