

**Table S1. Estimates of Relative Completeness of Death Registration, by Sex, Mexico, 1990-2016**

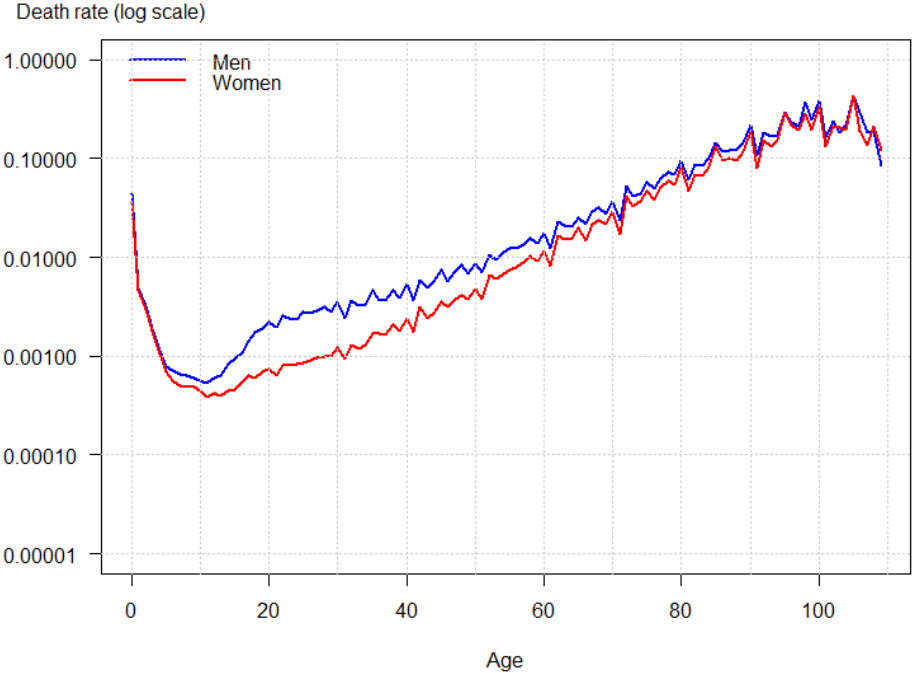
	Intercensal Period:				
	1990-1995	1995-2000	2000-2005	2005-2010	2010-2016
<b>Men</b>					
GGB					
Ages 5+ to 65+	0.99	1.64	1.26	1.12	1.04
Ages 30+ to 65+	0.97	1.37	1.11	1.08	1.04
Optimal Age Range <sup>a</sup>	1.00	1.14	1.11	1.04	1.03
SEG					
Ages 5+ to 65+	0.97	1.00	0.86	1.08	0.99
Ages 30+ to 65+	0.97	1.11	0.95	1.07	0.99
Optimal Age Range <sup>a</sup>	0.98	1.11	0.95	1.08	0.99
GGB-SEG					
Ages 5+ to 65+	0.98	1.79	1.30	1.03	1.01
Ages 30+ to 65+	0.96	1.30	1.09	1.00	1.01
Optimal Age Range <sup>a</sup>	0.98	1.08	1.09	0.98	1.01
<b>Women</b>					
GGB					
Ages 5+ to 65+	0.99	1.49	1.18	1.14	1.04
Ages 30+ to 65+	1.01	1.33	1.10	1.11	1.05
Optimal Age Range <sup>a</sup>	1.00	1.15	1.10	1.11	1.03
SEG					
Ages 5+ to 65+	0.90	1.10	0.85	1.01	1.00
Ages 30+ to 65+	0.92	1.16	0.92	1.03	1.00
Optimal Age Range <sup>a</sup>	0.90	1.16	0.92	1.03	1.00
GGB-SEG					
Ages 5+ to 65+	0.99	1.46	1.21	1.07	1.01
Ages 30+ to 65+	1.01	1.24	1.10	1.04	1.01
Optimal Age Range <sup>a</sup>	1.00	1.09	1.10	1.05	1.01
<b>Mean of GGB &amp; SEG (ages 30+ to 65+)</b>					
Men	0.97	1.24	1.03	1.08	1.02
Women	0.97	1.25	1.01	1.07	1.03

Abbreviations: GGB, General Growth Balance method; SEG, Synthetic Extinct Generation method; GGB-SEG, hybrid method.

Note: These estimates are calculated using the DDM R package (<https://github.com/timriffe/AdultCoverage>) developed by Tim Riffe in collaboration with Everton Lima and Bernardo Queiroz (Lima, Queiroz, and Riffe 2016). We use deaths and the census counts (using linear interpolation to derive the corresponding population estimate on January 1<sup>st</sup> of the census year). Estimates of completeness between 95% and 105% are highlighted in green, values of 90-94.9% or 105.1-110% are highlighted in yellow, and values below 90% or above 110% are highlighted in red.

<sup>a</sup> The 'optimal' age range is determined by the DDM package and varies by sex and inter-censal period.

**Figure S1. Death rates by age and sex, Mexico, 1990**



**Figure S2. Death rates by age and sex, Mexico, 2010**

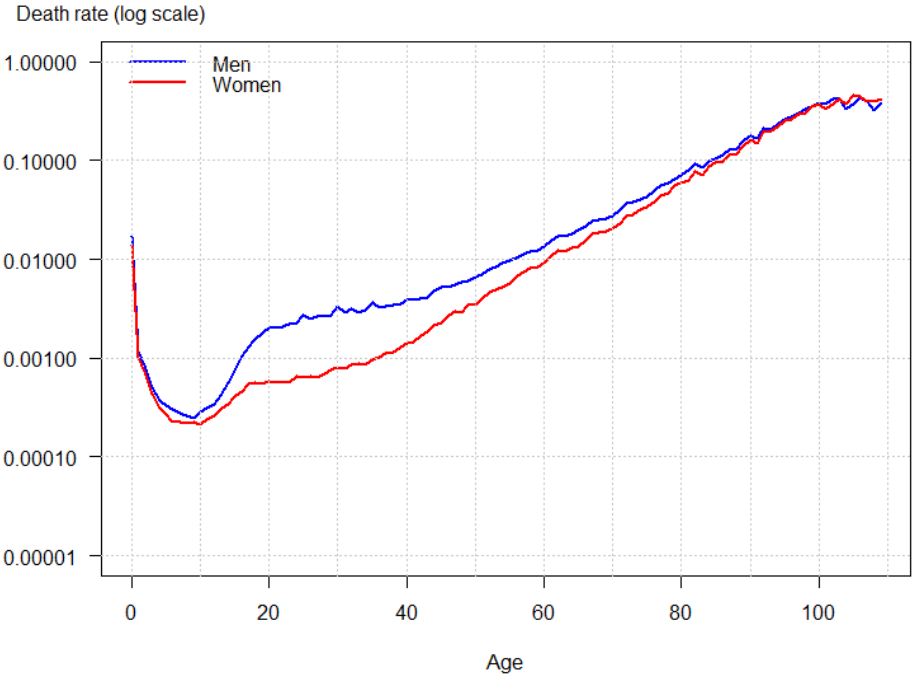
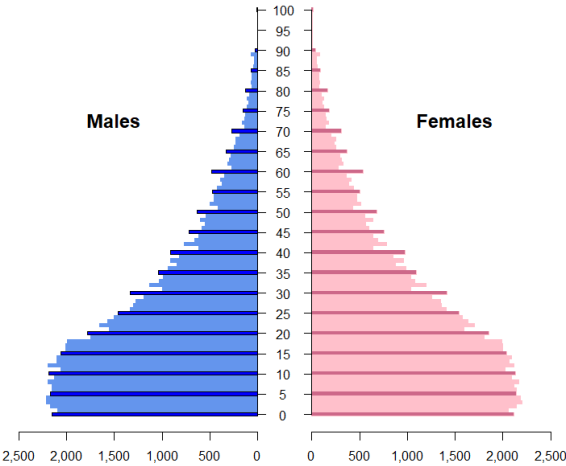
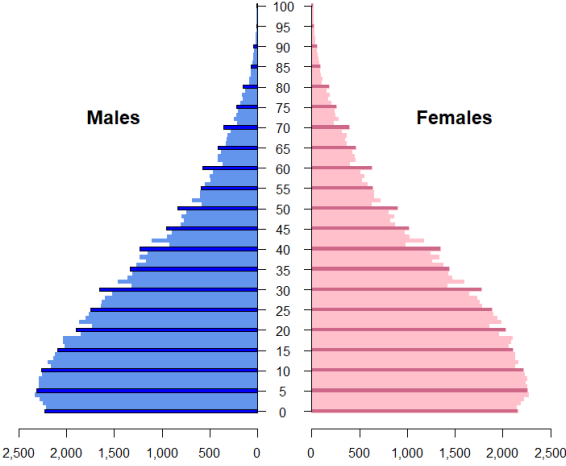


Figure S3. Age pyramids for census counts, Mexico, 1990, 2000 and 2010

1990



2000



2010

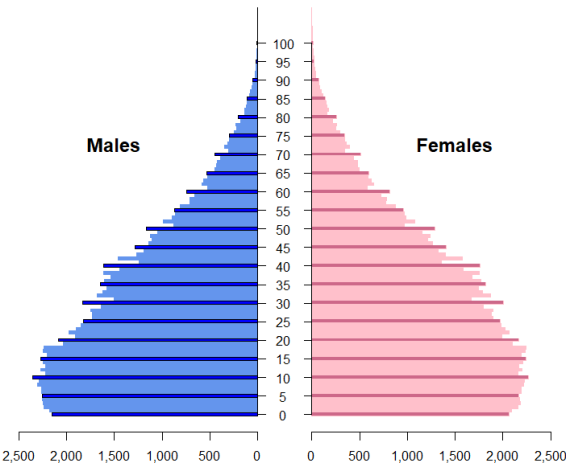
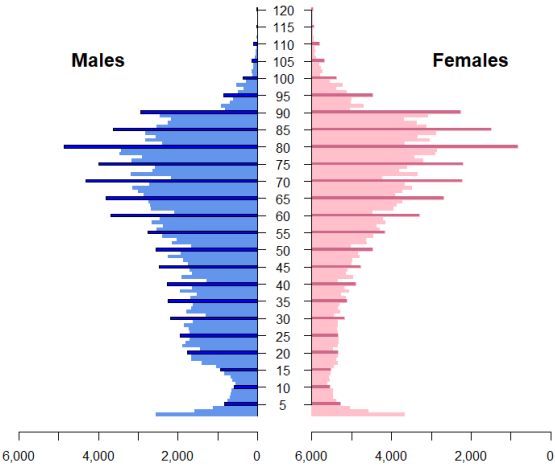
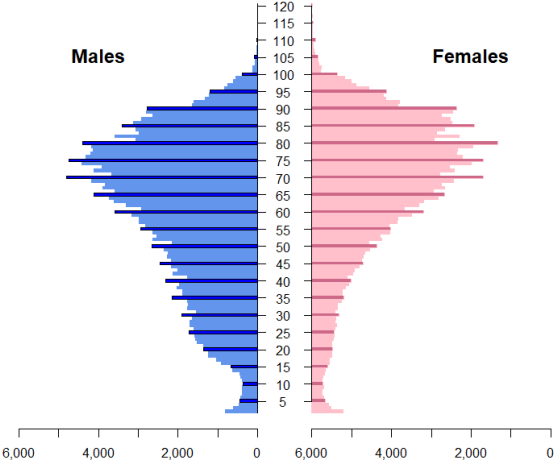


Figure S4. Age pyramid for death counts (ages 2+), Mexico, 1990, 2000 and 2010

1990



2000



2010

