CHN_17

Zhongwei Zhao and Xiaomu Zhang. 2000. China's Recent Fertility Decline: Evidence from Reconstructed Fertility Statistics. Population (English edition) Vol. 65/3: 451-478.

Table 3. Age-specific fertility rates (ASFR) recorded by recent fertility sample surveys, China, 1990-2005

Submitted to the HFC by (and this report written by) K. Zeman on 5 February 2015.

Short description

The paper in the journal Population discusses different estimates of the level of fertility in China and provides four concurrent estimates of age specific fertility rates by 5-year age groups for period 1990-2005. In HFC we provide all four estimates as following datasets. Here we provide short description of the datasets and the differences between them. For further information and also for full description of the estimation process please refer to the source article.

CHN_16: Table 2. Age-specific fertility rates (ASFR) obtained from censuses, mini-censuses, and annual population change surveys, China, 1990-2005

ASFRs in this table do not add into "officially endorsed TFR" and do not account for undercount of births. However the official TFR is regarded markedly high, with no comment from authorities about the adjustments used and may be reasonably regarded as an over-adjustment (p. 457-460).

Sources: 1995: China Population Statistics Yearbook (NBS 1996); 2000: Tabulation on the 2000 Population Census (NBS 2002a); 2005: Tabulation on the 2005 1% Population Sample Survey (NBS 2007a); other years: annual population change survey data published in China Population Statistics Yearbook (NBS 1991-2005).

CHN_17: Table 3. Age-specific fertility rates (ASFR) recorded by recent fertility sample surveys, China, 1990-2005

ASFRs do not account for undercount of births

Sources: Authors' calculations based on National Population and Reproductive Health Survey (NPFPC 1997) for 1990-1995; and the National Family Planning and Reproductive Health Survey (NPFPC 2001) for 1996-2000; Zhang et al. (2008), for 2001-2005.

CHN_18: Table 5. Estimated age-specific fertility rates (ASFRs) based on officially adjusted numbers of births, China, 1990-2005

Authors' calculations based on officially adjusted numbers of births (p. 463-465).

Sources: Authors' calculations based on: China Population Statistics Yearbook (NBS, 2002 and 2003) for 1990-2001; China Population Statistics Yearbook (NBS, 2003-2006) for 2002-2005, officially reported adjusted figures.

CHN_19: Table 6. Estimated age-specific fertility rates (ASFR) based on revised numbers of births, China, 1990-2005

Authors' calculations based on revised numbers of births (p. 467-471).

"These results are largely consistent with those estimated by several researchers." (p. 471)

Sources: Authors' calculations based on: China Population Statistics Yearbook (NBS, 2002 and 2003) for 1990-2001, China Population Statistics Yearbook (NBS 2003-2006) for 2002-2005, officially adjusted total number of births; Tabulation on the 2000 Population Census (NBS 2002a) for 2000, Tabulation on the 2005 1% Population Sample Survey (NBS 2007a) for 2005, China Population Statistics Yearbook (NBS 1991-2005) for 1990-1999 and 2001-2004, unadjusted CBR; China Statistics Yearbook (NBS 2006a), officially adjusted CBR.

Figure 1: Total fertility rate as computed from age specific fertility rates of four different estimates, compared to "officially endorsed TFR", China 1990-2005 (similar graph is published as Figure 1 in the source article)