

Problem Set 6: Solutions

Demography Camp

Summer 2013

Question 1

Calculate the TFR for each period (1960-64, 1965-69, etc)

Simply sum the ASFR for all age groups in the period, and remember to multiply by 5!

Table 1: Period TFRs							
Period	1960-64	1965-69	1970-74	1975-79	1980-84	1985-89	1990-94
TFR	2.835	2.59	2.045	1.765	1.78	1.845	1.835

Question 2

Compare the values calculated in Question 1 to the cohort TFRs observed among women who were

To calculate the cohort TFR, sum along the diagonal. Since all years have ASFR=0 for 45-49, we will assume it is the same for 1995-1999

- Aged 15-19 in 1960-64
 - Cohort TFR= 2.17
 - The cohort TFR is much lower than the period TFR of 1960-64.
- Aged 15-19 in 1965-69
 - Cohort TFR= 2.075
 - The cohort TFR is much lower than the period TFR of 1965-69.