

Problem Set 8

Demography Camp

Summer 2013

Project forward the female population 5 years using the age groups 0-4, 5-9, 10-14, 15-19, 20-24, 25-29, 30-34, 35-39, 40+

Table 1: Age Specific Mortality and Maternity Rates

x	${}_nL_x$	${}_nm_x$
0-1	99914	0
1-4	390622	0
5-9	463893	0
10-14	437865	0.002
15-19	413390	0.007
20-24	386813	0.012
25-29	358558	0.123
30-34	322630	0.444
35-39	258108	0
40-44	186055	0
45-49	78000	0

Table 2: Population of Women, 2010

x	Population
0-1	2000
1-4	3000
5-9	10000
10-14	11000
15-19	12000
20-24	11000
25-29	12000
30-34	10000
35-39	9000
40-44	8000
45-49	4000