THE LIMITS (AND HARMS) OF POPULATION POLICY: FERTILITY DECLINE AND SEX SELECTION IN CHINA UNDER MAO

Kimberly Singer Babiarz, Paul Ma, Grant Miller, and Shige Song

Online Appendix

Investigation of Female Underreporting in China's 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception

Following a large body of research, we assume that absent sex selection, the sex ratio at birth in modern China should approximately be the naturally occurring rate of 105-106 males per 100 females (Johansson and Nygren 1991). Without the technological ability to identify and selectively abort female fetuses (introduced around the time of the One Child Policy (Chen et al., 213), high sex ratios at birth reflect either under-reporting of children born alive that died early in life or under-enumeration of children living at the time of the survey. The interpretation of these unreported female births is central to our paper. We interpret these "missing girls" to reflect differential rates of infant/child female death, but if the majority of unreported girls were living but simply uncounted, then our interpretation would be incorrect.

We use several methods to investigate the extent to which unreported girls lived beyond infancy as unregistered and unenumerated children. We first carefully consider the potential role of adoption. We then test empirically for systematic under-reporting of living children who could have been adopted-out, or otherwise hidden from enumerators, using three approaches, modifying methods originally developed to evaluate the quality of the 1982 "One-Per-Thousand" national fertility survey by Ansley Coale and Judith Bannister, and directly comparing the 1988 "Two-Per-Thousand" national fertility survey to the 1982 survey (which is generally considered good quality) (Banister 2004; Bhrolchain and Dyson 2007; Coale 1991; Coale and Banister 1994).

Adoption and Survey Design

Before applying established demographic methods for assessing under-reporting of living girls, we first briefly consider how the design of the "two-per-thousand survey" (and enumerator instructions) handles adoption – a specific potential form under-reporting.[1] Survey enumerators were instructed to ensure that adopted children ("adopted-in") were not listed in pregnancy histories as "own children" – and also to ensure that children given up for adoption ("adopted-out") were included in these histories. To accomplish this, the survey included cross-validation measures designed to explicitly handle adoptions in this way (SFPC, 1988).[2] Although we are of course unable to verify how enumerators conducted fieldwork in practice, systematic under-reporting of children adopted-out (along with other types of under-reporting) would be captured by our analyses below.

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[1] If boys adopted into families are reported in our survey's fertility records, or if girls who were given up for adoption are not reported, then the sex ratios that we compute would be inflated.

[2] Specifically, before asking questions about each pregnancy, enumerators were instructed to ask how many "own children" were currently living with the respondent, how many were not living with the respondent, how many had been given up for adoption, and how many had died. Summing across these answers, enumerators were then to calculate the number of pregnancies resulting in live birth – including children "adopted-out." If this cross-validation exercise yielded discrepancies, "interviewer should probe for omissions, twins and multiple births, or to see if adoptive children were listed as own children, etc." (SFPC 1988).

Empirical Assessment of Under-reporting

Method 1

First, following Coale and Bannister (1994), we investigate the extent to which possibly unreported female births in the 1988 "Two-Per-Thousand" survey 're-appear' as adult women in China's population censuses, focusing on those births most likely to be underreported. We compare sex ratios at birth (number of male births for each 100 female births) for each birth cohort reported in the 1988 fertility survey with sex ratios for the same birth cohorts as reflected in the 1% micro samples of the 1982 and 1990 censuses. From cross-sectional census microsamples, we reconstruct sex ratios at birth by adjusting population counts for age- and sex-specific mortality rates, using a reverse survival method.[3] We find that sex ratios at birth in the 1988 fertility survey are consistent with mortality-adjusted sex ratios observed among the same birth cohorts in both the 1982 and 1990 population censuses (Appendix Figures A1-A2 and Appendix Table A1).

To the extent possible, we also investigate the degree to which higher birth order girls (who may have been alive but disproportionately under-reported in fertility histories) are more likely to appear in later population censuses than higher birth order boys. Specifically, we use the same approach described above, stratifying by both birth order sibship sex composition.[4] Due to data requirements, we focus on birth cohorts born between 1975 and 1979 in the 1990 census, adjusting for mortality using birth order-, age-, and sex- specific mortality rates derived from the 1988 "Two-Per-Thousand" survey.[5] We find that girls born at higher parities and with no older brothers – precisely the circumstances under which sex selection is predicted to be strongest – are not more likely to re-appear as adults in future censuses (i.e., we find no evidence of differential under-reporting by birth order and sex composition of previous births) (Appendix Figure A3 and Appendix Table A2).

Method 2

Second, following Coale (1984) (13), we use the 1988 "Two-Per-Thousand" fertility survey to calculate age-specific rate at which women deliver male and female babies in each year. We then apply these fertility rates by maternal age and child sex (simultaneously) to age-specific population counts of women reported in population

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[3] Mortality rates are derived from three sets of life tables. These are: 1) life tables presented in Coale (1984), which interpolate between the 1964 and 1982 censuses; 2) life tables published in Bannister (1991), which use China's Cancer Epidemiology Study of deaths between 1973-1975; and 3) life tables based directly on the 1982 population census (Jiang et al., 1984). For all mortality rate adjustments, we necessarily assume that age- and sex-specific morality rates were stable over the period of study.

[4] Because birth order is not directly reported in the population censuses, we reconstruct birth order and sibship sex composition for the subset of individuals still living with their parents in census years. Specifically, we use the total number of boys and girls ever born to a parent together with the sex and age of each child reported in the household roster, restricting our sample to households in which all children born to a mother still co-resided with her at the time of the census (i.e., children for whom we know birth order and sex composition of older siblings with certainty). To maintain cells of adequate size (by birth year, birth order, and sibship sex composition), we focus on birth cohorts from the second half of the 1970s (1975-1980).

[5] Mortality rates from the 1988 "Two-Per-Thousand" survey are shown to be consistent with life-table sources in Appendix Figures A1 - A2 and Appendix Table A1.

census microsamples (interpolated between the 1964 and 1982 censuses), yielding an estimate of the total number of boys and girls born in each calendar year. We then compare the estimated number of male and female births implied by these calculations to the actual number of individuals in each birth cohort in the 1982 and 1990 censuses to estimate the degree of underreporting for boys and girls by birth cohort in the 1988 fertility survey. We find that although females are slightly more likely to be unreported than males, the difference in rates remains relatively constant over time – and in fact *decreases* during the late 1970s (Appendix Figure A4). For underreporting of surviving females to confound our main estimates of missing girls, they would need to increase relative to underreporting of males over time.

Method 3

Third, we investigate the consistency of the 1988 "Two-Per-Thousand" survey with its predecessor, the 1982 "One-Per-Thousand" survey (which others have shown to be good quality (Coale 1984)). To do so, we account for demographic changes between survey years by creating a matched sample of women across surveys. Specifically, for every woman in the "One-Per-Thousand " survey, we identify a woman in the "Two-Per-Thousand" survey with the same characteristics,[6] pooling matched observations from both surveys together. We then regress, separately, (1) the reported number of children (male and female combined), (2) the reported number of male children, and (3) the reported number of female children on a dichotomous indicator variable for which survey the observation was drawn from. The results imply that the number of children (male and female combined) recorded in the 1988 "Two-Per-Thousand" survey is 0.026 fewer than in the 1982 survey [95% CI: 0.014 - 0.037]. Analogous estimates by sex imply 0.0164 fewer male births [95% CI: 0.010 - 0.023] and 0.009 fewer female births [95% CI: 0.003 - 0.016] in the 1988 survey. Overall, these results suggest a small degree of underreporting in the 1988 two-per-thousand relative to the 1982 survey. However, because underreporting is, to a small extent, *more* severe for male births than for female births, the implication is that our estimates of sex ratios at birth during the 1970s may be biased *downwards*.

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[6] Individuals in each survey are matched using five individual-level characteristics: birth cohort, urban/rural residence, province of residence, educational attainment, and ethnicity. This means that the pooled data set includes an equal number of women from the "One-Per-Thousand" and "Two-Per-Thousand" surveys, with each observation from the "One-Per-Thousand" survey matched to an observation in the "Two-Per-Thousand" survey sharing exactly the same characteristics along these five dimensions.

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Appendix Figures and Tables

Appendix Figure A1:
Sex Ratios at Birth in the 1988 Fertility Survey and the 1990 Population Census

Sex Ratios at Birth from the 1982 Population Census,
Mortality Adjusted Using Mortality Rates Derived from:

   —×— 1988 Survey   —▲— Coale 1984   —◆— Bannister 1994   —+— Jiang et al. 1984
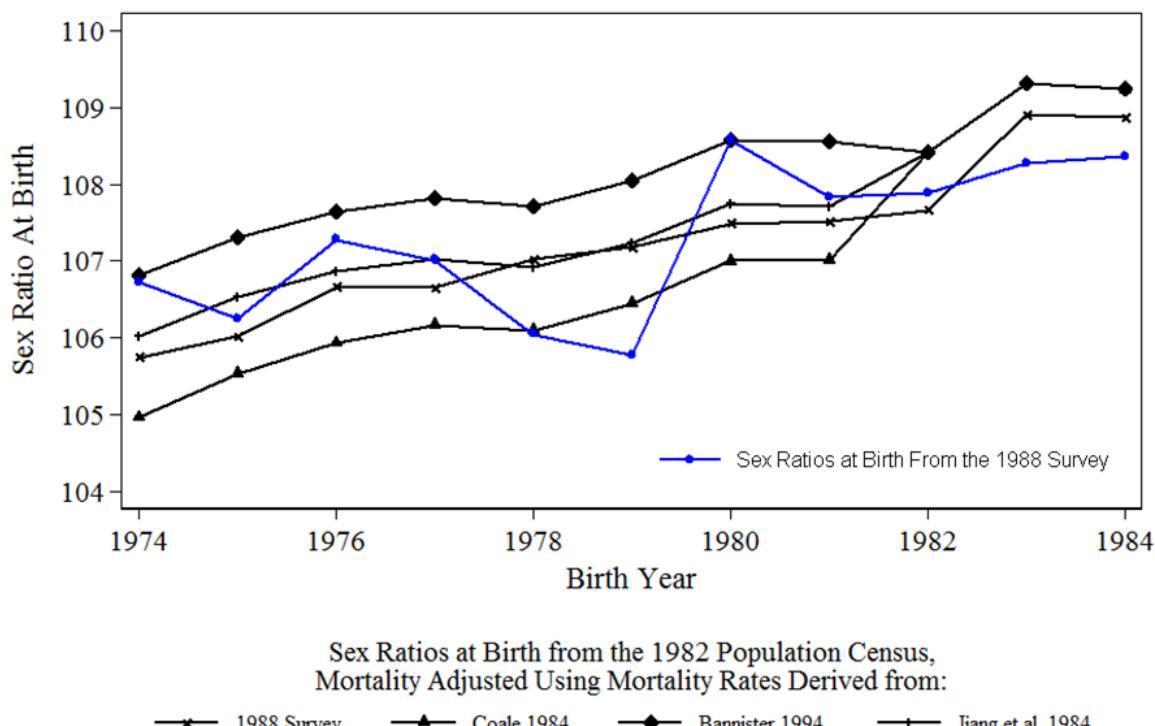
Note: Figure A1 shows sex ratios calculated using the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception and the 1% sample of the 1990 population census. Population census data adjusted for age- and sex-specific mortality rates using "reverse survival" using mortality rates derived from four sources. These are: 1) mortality rates calculated using the deaths reported in the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception; 2) life tables presented in Coale (1984), which interpolate between the 1964 and 1982 censuses; 3) life tables published in Bannister (1994), which use China's Cancer Epidemiology Study of deaths between 1973-1975; and 4) life tables based directly on the 1982 population census (Jiang et al., 1984). For all mortality rate adjustments using life tables, we necessarily assume that age- and sex-specific mortality were stable over the period of study.

Appendix Figure A2:
Sex Ratios at Birth in the 1988 Fertility Survey and the 1982 Population Census

Sex Ratios at Birth from the 1982 Population Census,
Mortality Adjusted Using Mortality Rates From:
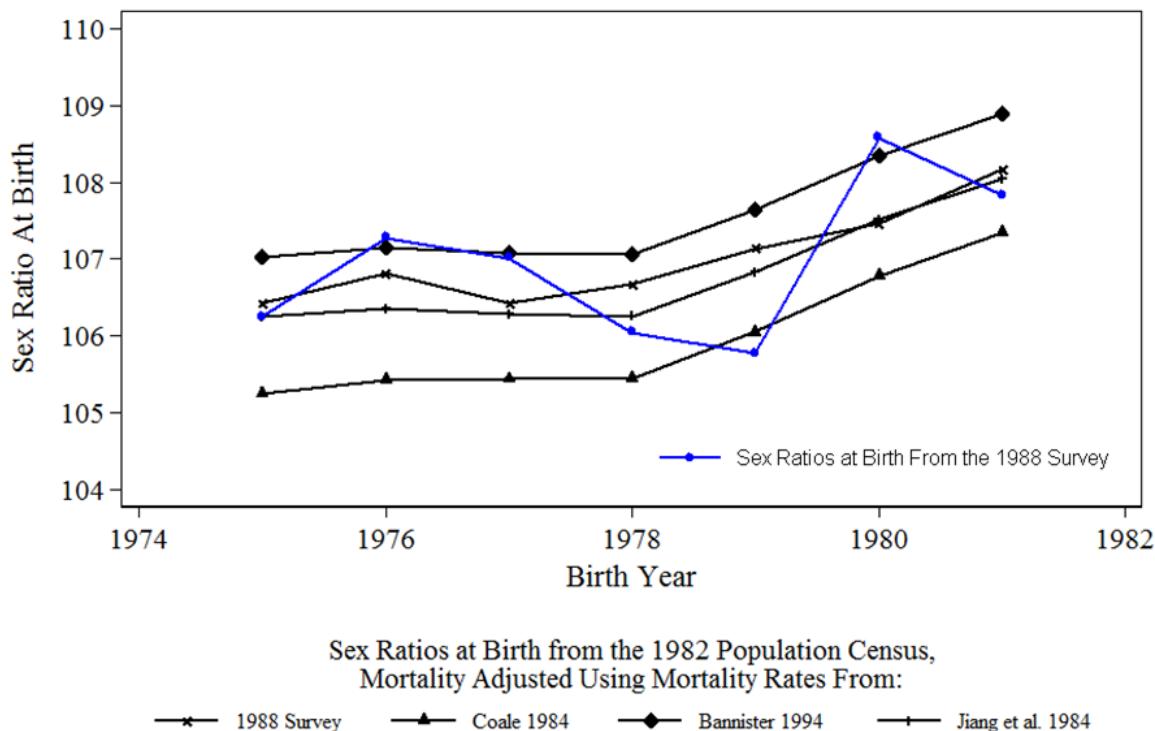
Figure A2 shows sex ratios calculated using the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception and the 1982 population census. Population census data adjusted for age- and sex- specific mortality rates using 'reverse survival' using mortality rates derived from four sources. These are: 1) mortality rates calculated using the deaths reported in the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception; 2) life tables presented in Coale (1984), which interpolate between the 1964 and 1982 censuses; 3) life tables published in Bannister (1994), which use China's Cancer Epidemiology Study of deaths between 1973-1975; and 4) life tables based directly on the 1982 population census (Jiang et al., 1984). For all mortality rate adjustments using life tables, we necessarily assume that age- and sex-specific mortality were stable over the period of study.

Appendix Figure A3:
Sex Ratios at Birth by Parity in the 1988 Fertility Survey and the 1990 Population Census among Births With No Older Male Siblings
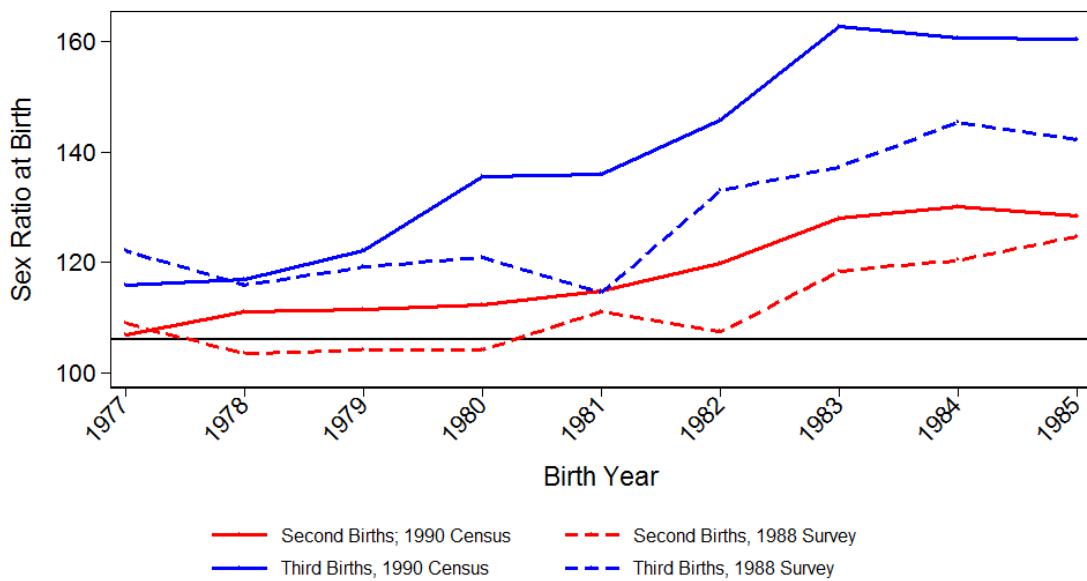
Note: Figure A3 shows parity-specific sex ratios among children born to parents without a surviving male child, calculated using the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception and the 1% sample of the 1990 population census. Population census data adjusted for age- and sex- specific mortality rates using 'reverse survival' using mortality rates derived from the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception.

Appendix Figure A4:
Differential Underreporting of Female vs. Male Births by Birth Year

Differential Underreporting of Female Births vs Male Births

Comparison Census Year:

— × — 1982 Census   — × — 1990 Census
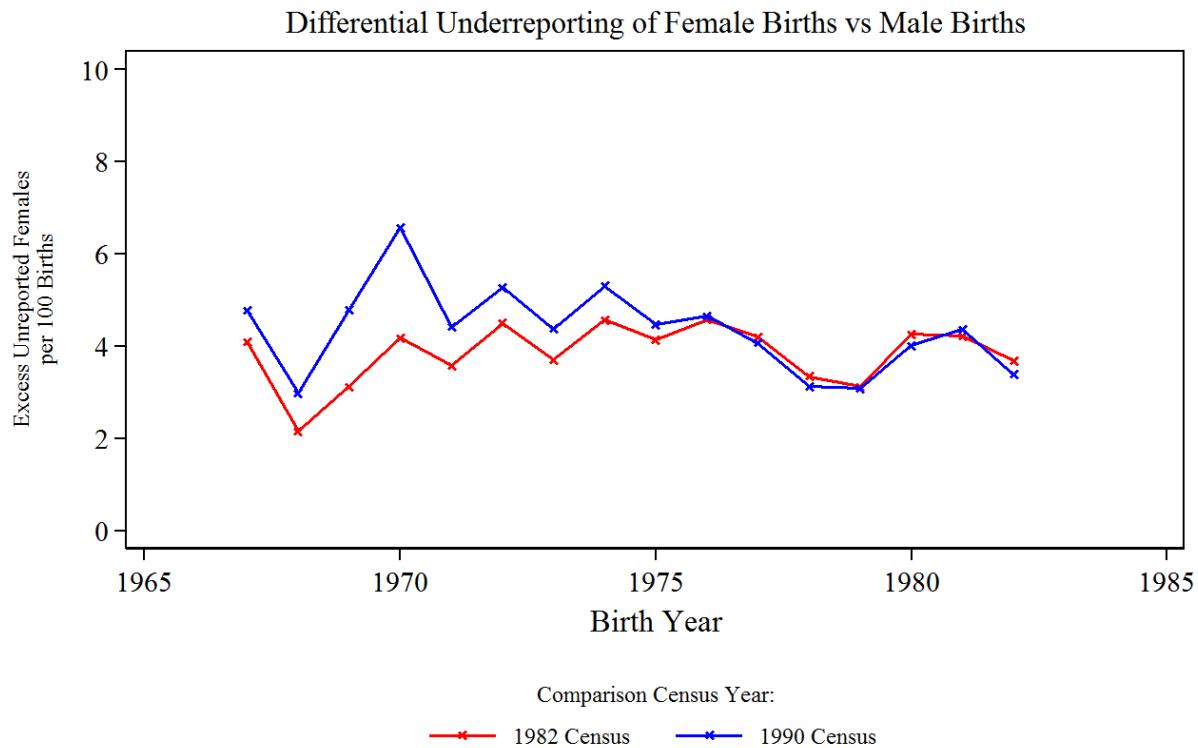
Note: Figure A4 shows differences between estimates of underreporting for female and male births by cohort, comparing the 1988 "Two-per-Thousand" fertility survey with the 1982 and 1990 population censuses. Following Coale (1984), we first calculate age-specific rates at which women report female and male births by year in the 1988 "Two-per-Thousand" fertility survey. Second, we apply these sex-specific birth rates to number of women at each age in each year (interpolating between the 1964, 1980, and 1990 population censuses) to estimate the total number of male and female births in each year. Third, we compare the estimated number of female and male births implied by these calculations to the actual number of individuals in each birth cohort recorded in the 1982 and 1990 population censuses, creating implied underreporting rates in the 1988 "Two-per-Thousand" fertility survey. Finally, we calculate the difference between female and male underreporting rates by year. See the Appendix text for more details. Overall, although there is evidence of some underreporting of female births in the 1988 survey, this rate is generally constant over time.

Appendix Figure A5:
Robustness of Parity Progression Risk Estimates to Alternate Specifications
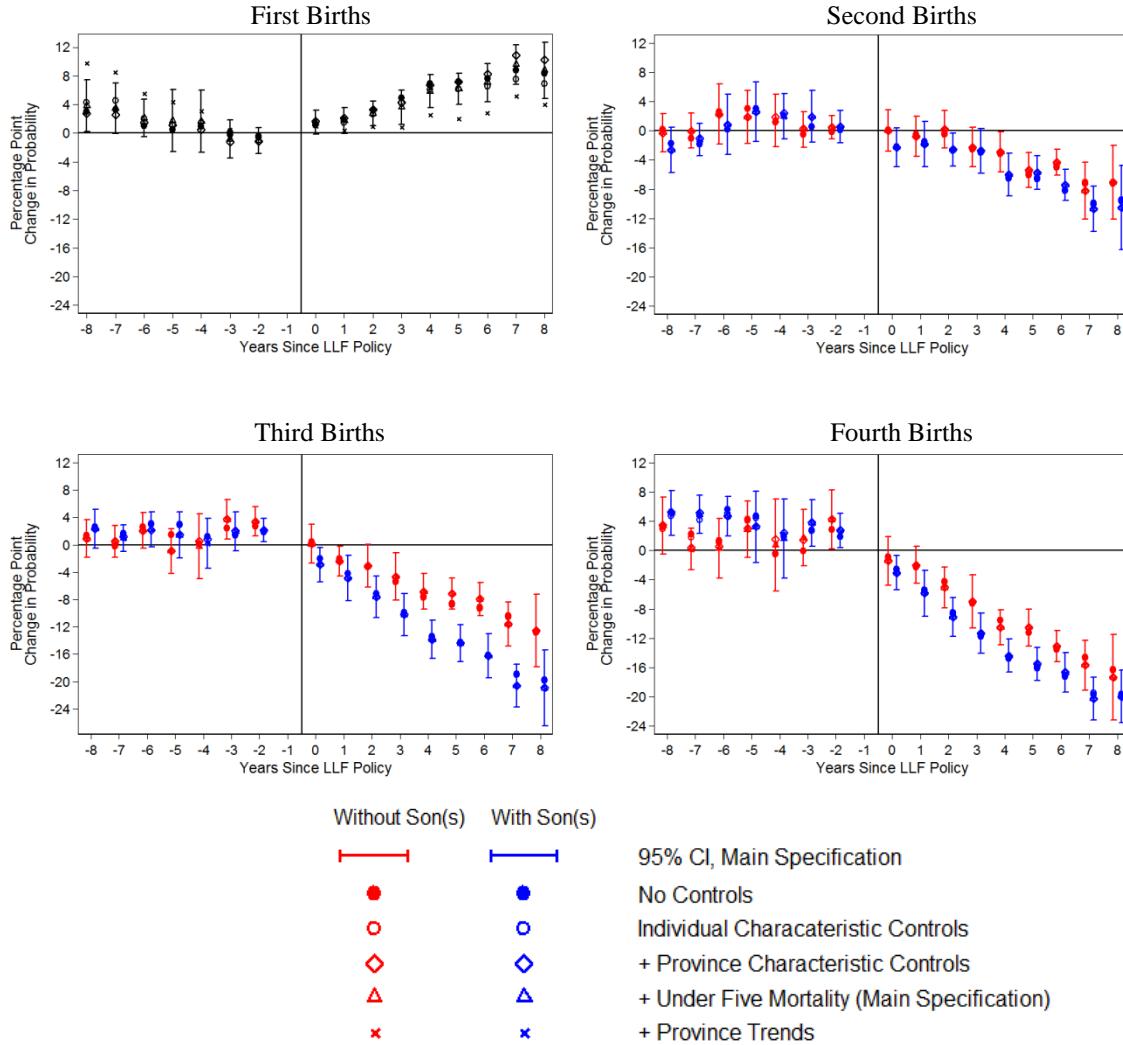
Note: Figure shows 95% confidence intervals for coefficients from Equation (1) and point estimates of coefficients estimated using alternative regression specifications. All specifications include parity indicators, event year indicators, an indicator for existence of a previously born son (and all two- and three-way interactions), as well as calendar year and province fixed effects. Alternate specifications include: 1) no additional control variables; 2) maternal characteristic controls only (indicators for education level, ethnicity, age at marriage); 3) maternal characteristics and provincial economic characteristics (provincial GDP, grain output , agricultural production, and the proportion of population classified as rural); 4) maternal characteristics, provincial economic characteristics, and 5-year under-five mortality rate moving averages; and 5) maternal characteristics, maternal characteristics, provincial economic characteristics, 5-year under-five mortality rate moving averages, and province-specific linear time trends.

Appendix Figure A6:
Robustness of Parity Progression Risk Estimates to Sample Restrictions
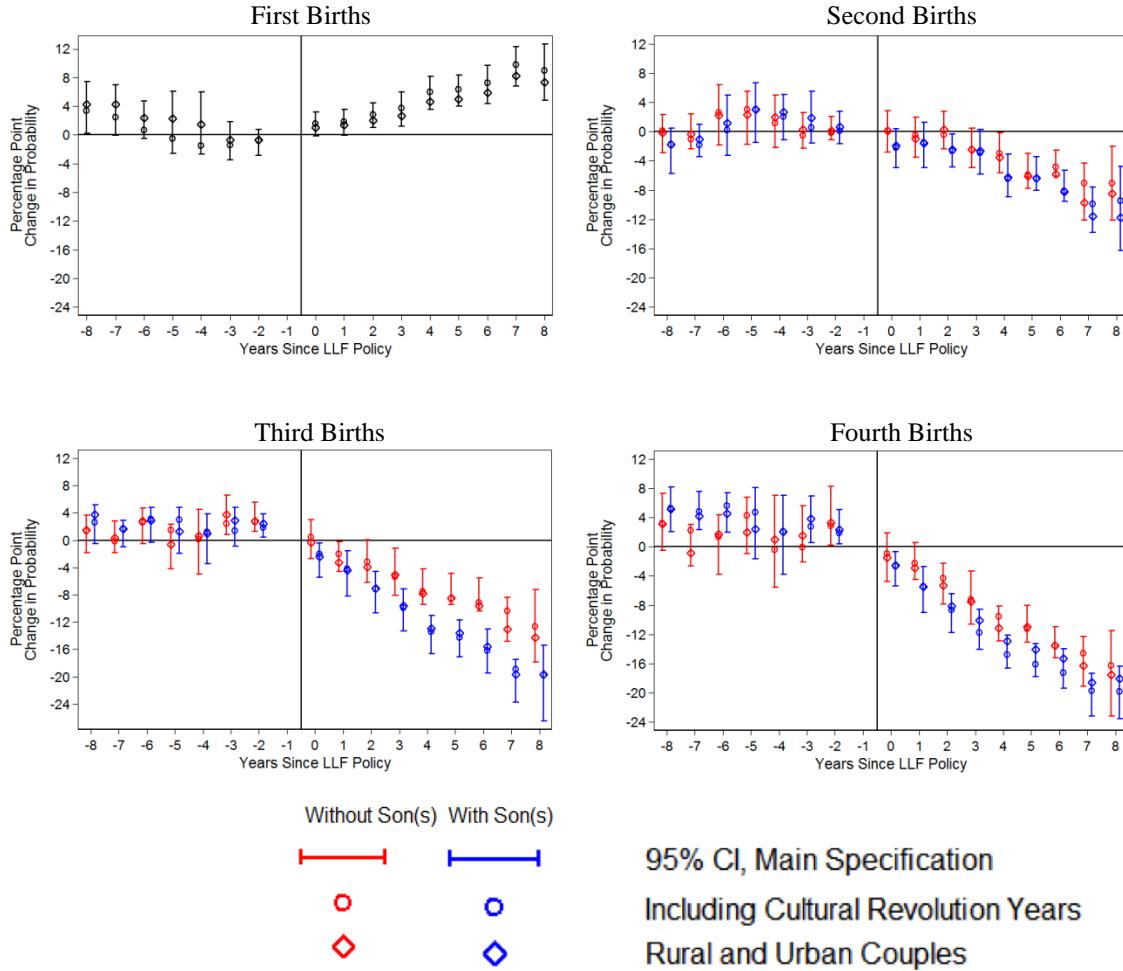
Note: Figure shows 95% confidence intervals for coefficients from Equation (1) estimated using alternative samples. All specifications include parity indicators, event year indicators, an indicator for existence of a previously born son (and all two- and three-way interactions), as well as maternal characteristics, provincial economic characteristics, 5-year under-five mortality rate moving averages, calendar year fixed effects, and province fixed effects. Alternate samples add: 1) mother-year observations from Cultural Revolution Years (1967-1968), and 2) individuals classified as urban residents to our main sample.

Appendix Table A1:
Birth Planning Program Timing

Province	Year of LLF Implementation	Details	Source
Anhui	1974	Family planning advising groups were reactivated in 1974.	Anhui Provincial Health Archives (Weishengzhi)
Fujian	1973	In March 1973, th Fujian Provincial Revolutionary Committee adopted the Provincial Interim Family Planning Leading Group's Interim Provisions on Several Issues Concerning the Implementation of Family Planning, requiring increased age of marriage, restricting couples to 2 children, and space births 3 to 5 years apart.	Fujian Provincial Annals of Population, Chapter 10: Family Planning. Fujian Province Local History Compilation Committee. Chronicles Publishing House. Beijing 1998.
Gansu	1971	500,000 brochures pringted "Late Marriage for Revolution", "Birth Control Manual" were printed in 1971. 200 birth control technicians were trained, and 500 hospitals across the province began conducting 3-4 kinds of birth control surgeries. An estimated 1.5 million 'contraception tools' were distributed.	Gansu Provincial Health Archives (Weishengzhi)
Guangdong	1970	In May 1970, the newly established Family Planning Leading Group published the "Report on Family Planning Situation", stating that family planning work in most areas stayed in the general call, and the shortcomings of specific action measures required strengthening work. The Provincial Revolutionary Committee also proposed some policy measures to strengthen the control of birth birth. On January 16, 1971, the "Family Planning Plan of 1971-1975 in Guangdong Province" was issued, which advocated a couple to have two children. The two children were separated by 4-5 years. The young men and women were best married after the age of 23."	Population Annals of Guangdong
Guangxi	1971	Start of large-scale birth control surgeries in 1971 with 260,000 birth control surgeries conducted.	Guangxi Provincial Health Archives (Weishengzhi)
Guizhou	1971	In 1971, birth planning committees at all levels returned to work.	Annals of Guizhou, Book of Geography, Part Three: Population
Hebei	1972	Hebei Birth Planning Leadership Group was formed in February, 1972.	Annals of Hebei, Book 12: Population
Heilongjiang	1972	Three birth control technique training sessions held in Harbin and Suihua by Ministry of Health in 1972.	Heilongjiang Provincial Health Archives (Weishengzhi)
Henan	1974	On January 1974, The Henan Provincial CPC approved the "later, longer, fewer" policy which recommended that each couple be restricted to 2 children with 4-5 year spacing between births.	Annals of Henan Province
Hubei	1972	In 1972, 52 medical staff in Wuhan formed formal groups and travelled to rural areas conducting birth control surgeries, conducting 1662 surgeries in the first year.	Hubei Provincial Health Archives (Weishengzhi)
Hunan	1974	All contraception devices and pills made free of charge and 7 million RMB worth of devices and pills were distributed in 1974. Birth control training courses are referenced 1972 and 1974, but no specific date or year given.	Hunan Provincial Health Archives (Weishengzhi)
Inner Mongolia	1979	Birth planning responsibility transferred to Inner Mongolia Autonomous Region General Office in 1979	Annals of Inner Mongolia, Book of Government
Jiangsu	1970	Contraception pills and devices were made free for all people, purchase of birth control pills and devices was centralized to provincial level, and provincial birth planning officials distributed these to counties and towns.	Jiangsu Provincial Health Archives (Weishengzhi)
Jiangxi	1972	Birth control advisory groups were established in each city and birth control clinics in each hospital in 1972.	Jiangxi Provincial Health Archives (Weishengzhi)
Jilin	1971	The family planning program, which had been suspended during cultural revolution, was restored in 1971.	Jilin Provincial Health Archives (Weishengzhi)
Liaoning	1971	Counties and cities set up offices of birth control in 1971, dropping birth rate from 25.9% in 1970 to 24.39% in 1971 and the population growth rate from 21.3% in 1970 to 19.33% in 1971.	Liaoning Provincial Health Archives (Weishengzhi)
Ningxia	1973	Groups of Birth Control Technicians were assigned to rural areas in 1973, distributing contraception pills, conducted birth control surgeries at home, trained a large number of barefoot doctors for birth planning.	Ningxia Provincial Health Archives (Weishengzhi)
Qinghai	1972	Ministry of Health established the Birth Control Office in the Qinghai provincial capital for the purpose of establishing physician training groups in ten hospitals.	Qinghai Provincial Health Archives (Weishengzhi)
Shaanxi	1973	The Family Planning Leading Group was established in 1973.	Annals of Shaanxi Province
Shandong	1972	In 1972, birth control work groups organized and conducted birth control work in different districts as part of renewed emphasis on birth control promotion.	Shandong Provincial Health Archives (Weishengzhi)
Shanghai	1973	Shanghai Birth Planning Leadership Group formed in December 1973	Annals of Shanghai, Book Three: Pouplaiton
Shanxi	1973	The 1973 "Shanxi Birth Control Conference Notes" launched a set of family planning policies, including late marriage. The marriage age was moved to 25 for men and 23 for women.	Shanxi Provincial Health Archives (Weishengzhi)
Sichuan	1971	Sichuan birth planning commission was formed in 1971.	Annals of Sichuan Province, Administration Round-Up, Book 2, Part 5: Birth Planning.
Tianjin	1972	In April, 1972, the Tianjin Birth Planning Committee was reinstituted.	A Brief Annal of Tianjin, Part 24: Population and Birth Planning.
Xinjiang	1975	Faily planning leadership group was established in 1975.	Annals of Xinjiang, Book of Population.
Yunnan	1972	The Yunnan Birth Planning Leadership Group was formed in June 1972.	Annals of Yunnan Province, Population.

Appendix Table A2:
Sex Ratios at Birth: 1988 "Two-per-Thousand" Survey and the 1990 and 1982 Population Censuses

Year	1988 "Two-Per-Thousand" Survey	1990 Population Census				
		Not Adjusted for Mortality	Adjusted for Mortality Using:			
			1988 Survey	Coale 1984	Banister 1994	Jiang et al. 1984
1974	106.72	105.24	105.75	104.97	108.07	106.02
1975	106.25	105.74	106.03	105.54	108.67	106.53
1976	107.28	106.19	106.66	105.94	109.11	106.86
1977	107.02	106.49	106.66	106.17	109.37	107.03
1978	106.05	106.45	107.03	106.10	109.29	106.92
1979	105.77	106.84	107.19	106.45	109.64	107.23
1980	108.58	107.43	107.49	107.00	110.19	107.74
1981	107.83	107.37	107.52	107.02	110.19	107.71
1982	107.89	107.77	107.67	108.42	108.42	108.42
1983	108.28	108.69	108.90	109.31	109.31	109.31
1984	108.37	108.64	108.86	109.24	109.24	109.24
1985	110.87	108.65	108.88	109.22	109.22	109.22

Year	1988 "Two-Per-Thousand" Survey	1982 Population Census				
		Not Adjusted for Mortality	Adjusted for Mortality Using:			
			1988 Survey	Coale 1984	Banister 1994	Jiang et al. 1984
1974	106.72	106.12	106.49	99.85	98.67	102.34
1975	106.25	106.18	106.43	105.26	107.03	106.24
1976	107.28	106.31	106.81	105.44	107.14	106.36
1977	107.02	106.27	106.43	105.44	107.08	106.29
1978	106.05	106.19	106.67	105.45	107.06	106.26
1979	105.77	106.71	107.14	106.05	107.64	106.83
1980	108.58	107.35	107.47	106.78	108.35	107.52
1981	107.83	107.83	108.17	107.34	108.89	108.04

Note: Table A2 shows sex ratios of births reported in the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception (Column 1), and sex ratios calculated using the 1990 and 1982 population censuses (Columns 2-6). Column 2 shows unadjusted sex ratios calculated from the censuses. Columns 3-6 show census sex ratios adjusted for sex-and age-specific mortality rates calculated from: 1) 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception; 2) life tables presented in Coale (1984), which interpolate between the 1964 and 1982 censuses; 3) life tables published in Bannister (1994), which use China's Cancer Epidemiology Study of deaths between 1973-1975; and 4) life tables based directly on the 1982 population census (Jiang et al., 1984).

Appendix Table A3:
Sex Ratios at Birth for Second and Third Parity Births with No Older Male Sibling: 1988 "Two-per-Thousand" Survey and 1990 census

	Second Births with No Older Male Sibling			Third Births with No Older Male Sibling		
		1990 Population Census			1990 Population Census	
Year	1988 "Two-Per-Thousand" Survey	Not Adjusted for Mortality	Using "Two-per-Thousand" Survey-Based Mortality	1988 "Two-Per-Thousand" Survey	Not Adjusted for Mortality	Using "Two-per-Thousand" Survey-Based Mortality
1977	107.54	106.82	105.69	120.87	116.00	114.21
1978	106.46	111.11	112.11	114.01	116.94	117.24
1979	102.31	111.41	111.10	115.59	122.17	120.45
1980	102.96	112.26	113.84	123.67	135.63	134.84
1981	108.62	114.92	114.46	121.67	135.93	131.88
1982	108.66	119.92	117.99	139.26	145.91	142.26
1983	120.19	128.13	125.21	140.53	162.85	154.30
1984	123.66	130.11	129.54	158.41	160.76	158.71
1985	127.88	128.52	128.55	145.29	160.54	156.53

Note: Table A3 shows sex ratios of births by birth parity reported in the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception (Columns 1 and 4), and sex ratios calculated using the 1990 and 1982 population censuses (Columns 2-3, and 5-6). Columns 2 and 5 show unadjusted census-based sex ratios, and Columns 3 and 6 show census sex ratios adjusted for age-, parity- and sex-specific mortality rates calculated from the 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception.

Appendix Table A4:
Age of Marriage and Age of First Birth: Life Table Calculations

Age	Age of Marriage						Age of First Birth					
	Predicted Marriage Hazard (Q_x)		Survival Function (L_x)		Probability of Marriage (D_x)		Predicted First Birth Hazard (Q_x)		Survival Function (L_x)		Probability of First Birth (D_x)	
	Before LLF	After LLF	Before LLF	After LLF	Before LLF	After LLF	Before LLF	After LLF	Before LLF	After LLF	Before LLF	After LLF
15	0.006	0.004	1.000	1.000	0.006	0.004	0.001	0.000	1.000	1.000	0.001	0.000
	[0.004-0.008]	[0.003-0.007]	[1-1]	[1-1]	[0.004-0.008]	[0.003-0.007]	[0-0.001]	[0-0.001]	[1.000-1.000]	[1.000-1.000]	[0-0.001]	[0-0.001]
16	0.022	0.019	0.994	0.996	0.022	0.019	0.003	0.002	0.999	1.000	0.003	0.002
	[0.015-0.031]	[0.013-0.028]	[0.992-0.996]	[0.993-0.997]	[0.015-0.031]	[0.012-0.028]	[0.002-0.004]	[0.001-0.003]	[0.999-1]	[0.999-1]	[0.002-0.004]	[0.001-0.003]
17	0.066	0.048	0.972	0.977	0.064	0.047	0.015	0.010	0.996	0.998	0.015	0.010
	[0.049-0.09]	[0.034-0.068]	[0.961-0.981]	[0.966-0.985]	[0.048-0.087]	[0.033-0.065]	[0.011-0.022]	[0.007-0.014]	[0.995-0.998]	[0.997-0.998]	[0.011-0.022]	[0.007-0.013]
18	0.127	0.100	0.908	0.930	0.116	0.093	0.047	0.036	0.981	0.988	0.046	0.036
	[0.104-0.163]	[0.076-0.135]	[0.875-0.932]	[0.901-0.951]	[0.096-0.143]	[0.072-0.122]	[0.036-0.064]	[0.026-0.049]	[0.973-0.987]	[0.983-0.991]	[0.035-0.062]	[0.025-0.048]
19	0.190	0.145	0.793	0.837	0.150	0.122	0.105	0.081	0.935	0.952	0.098	0.077
	[0.161-0.23]	[0.116-0.186]	[0.734-0.835]	[0.78-0.877]	[0.135-0.169]	[0.103-0.146]	[0.082-0.137]	[0.061-0.107]	[0.911-0.951]	[0.935-0.965]	[0.078-0.125]	[0.058-0.1]
20	0.242	0.194	0.642	0.715	0.155	0.138	0.172	0.143	0.836	0.875	0.144	0.125
	[0.22-0.274]	[0.164-0.237]	[0.566-0.7]	[0.635-0.774]	[0.146-0.162]	[0.125-0.153]	[0.149-0.203]	[0.116-0.183]	[0.788-0.873]	[0.836-0.905]	[0.13-0.161]	[0.105-0.153]
21	0.268	0.245	0.487	0.576	0.131	0.141	0.223	0.196	0.693	0.750	0.155	0.147
	[0.251-0.294]	[0.219-0.285]	[0.412-0.545]	[0.483-0.647]	[0.118-0.14]	[0.132-0.151]	[0.203-0.251]	[0.164-0.238]	[0.627-0.743]	[0.683-0.8]	[0.148-0.161]	[0.13-0.165]
22	0.315	0.321	0.357	0.435	0.112	0.140	0.273	0.258	0.538	0.603	0.147	0.155
	[0.293-0.338]	[0.296-0.356]	[0.291-0.407]	[0.347-0.503]	[0.095-0.127]	[0.119-0.156]	[0.256-0.294]	[0.223-0.302]	[0.47-0.591]	[0.522-0.667]	[0.136-0.155]	[0.144-0.167]
23	0.353	0.406	0.244	0.296	0.086	0.120	0.313	0.333	0.391	0.448	0.122	0.149
	[0.331-0.378]	[0.383-0.436]	[0.196-0.282]	[0.227-0.351]	[0.071-0.099]	[0.096-0.138]	[0.296-0.335]	[0.3-0.373]	[0.332-0.438]	[0.364-0.513]	[0.109-0.134]	[0.131-0.164]
24	0.383	0.490	0.158	0.176	0.061	0.086	0.344	0.413	0.269	0.299	0.092	0.123
	[0.352-0.407]	[0.462-0.515]	[0.125-0.185]	[0.13-0.214]	[0.045-0.072]	[0.064-0.104]	[0.329-0.36]	[0.375-0.457]	[0.223-0.306]	[0.233-0.359]	[0.078-0.104]	[0.103-0.139]
25	0.400	0.561	0.097	0.090	0.039	0.050	0.357	0.492	0.176	0.175	0.063	0.086
	[0.363-0.432]	[0.527-0.585]	[0.079-0.114]	[0.065-0.112]	[0.031-0.045]	[0.037-0.061]	[0.332-0.377]	[0.457-0.531]	[0.144-0.203]	[0.129-0.222]	[0.05-0.073]	[0.065-0.104]
26	0.397	0.613	0.058	0.039	0.023	0.024	0.349	0.545	0.113	0.089	0.040	0.049
	[0.357-0.434]	[0.574-0.643]	[0.046-0.07]	[0.028-0.051]	[0.018-0.028]	[0.017-0.031]	[0.326-0.373]	[0.509-0.585]	[0.093-0.131]	[0.062-0.119]	[0.032-0.046]	[0.035-0.062]
27	0.345	0.633	0.035	0.015	0.012	0.010	0.331	0.577	0.074	0.041	0.024	0.023
	[0.282-0.393]	[0.589-0.672]	[0.028-0.043]	[0.01-0.021]	[0.009-0.016]	[0.007-0.012]	[0.299-0.366]	[0.537-0.615]	[0.061-0.086]	[0.026-0.057]	[0.019-0.029]	[0.016-0.031]
28	0.379	0.588	0.023	0.006	0.009	0.003	0.367	0.567	0.049	0.017	0.018	0.010
	[0.317-0.448]	[0.538-0.636]	[0.018-0.029]	[0.003-0.008]	[0.007-0.011]	[0.002-0.005]	[0.326-0.4]	[0.535-0.596]	[0.04-0.058]	[0.01-0.026]	[0.015-0.022]	[0.006-0.014]
29	0.369	0.537	0.014	0.002	0.005	0.001	0.340	0.547	0.031	0.007	0.011	0.004
	[0.292-0.451]	[0.469-0.595]	[0.01-0.019]	[0.001-0.004]	[0.004-0.007]	[0.001-0.002]	[0.298-0.376]	[0.5-0.59]	[0.025-0.037]	[0.004-0.012]	[0.008-0.013]	[0.002-0.006]
30	0.261	0.413	0.009	0.001	0.002	0.000	0.335	0.510	0.021	0.003	0.007	0.002
	[0.185-0.345]	[0.318-0.509]	[0.006-0.012]	[0.001-0.002]	[0.001-0.004]	[0-0.001]	[0.297-0.373]	[0.446-0.566]	[0.016-0.025]	[0.002-0.006]	[0.006-0.008]	[0.001-0.003]
31	0.273	0.523	0.007	0.001	0.002	0.000	0.272	0.438	0.014	0.002	0.004	0.001
	[0.156-0.384]	[0.42-0.612]	[0.005-0.009]	[0-0.001]	[0.001-0.003]	[0-0.001]	[0.24-0.314]	[0.353-0.515]	[0.011-0.017]	[0.001-0.003]	[0.003-0.005]	[0-0.001]
32	0.239	0.393	0.005	0.000	0.001	0.000	0.346	0.517	0.010	0.001	0.003	0.000
	[0.123-0.382]	[0.265-0.531]	[0.003-0.006]	[0-0.001]	[0.001-0.002]	[0.000-0.000]	[0.291-0.394]	[0.453-0.58]	[0.008-0.013]	[0-0.002]	[0.002-0.004]	[0-0.001]
33	0.448	0.305	0.004	0.000	0.002	0.000	0.275	0.448	0.007	0.000	0.002	0.000
	[0.246-0.625]	[0.198-0.408]	[0.002-0.005]	[0.000-0.000]	[0.001-0.003]	[0.000-0.000]	[0.214-0.338]	[0.391-0.508]	[0.005-0.008]	[0-0.001]	[0.001-0.003]	[0.000-0.000]
34	0.300	0.311	0.002	0.000	0.001	0.000	0.315	0.448	0.005	0.000	0.001	0.000
	[0.125-0.474]	[0.175-0.409]	[0.001-0.003]	[0.000-0.000]	[0-0.001]	[0.000-0.000]	[0.238-0.383]	[0.394-0.584]	[0.004-0.006]	[0-0.001]	[0.001-0.002]	[0.000-0.000]
35	0.364	0.320	0.001	0.000	0.001	0.000	0.310	0.412	0.003	0.000	0.001	0.000
	[0.143-0.5]	[0.157-0.464]	[0.001-0.002]	[0.000-0.000]	[0-0.001]	[0.000-0.000]	[0.194-0.428]	[0.306-0.513]	[0.003-0.004]	[0.000-0.000]	[0.001-0.001]	[0.000-0.000]
36	0.200	0.396	0.001	0.000	0.000	0.000	0.226	0.377	0.002	0.000	0.001	0.000
	[0-1]	[0.191-0.62]	[0-0.002]	[0.000-0.000]	[0-0.001]	[0.000-0.000]	[0.069-0.387]	[0.243-0.515]	[0.002-0.003]	[0.000-0.000]	[0-0.001]	[0.000-0.000]
37	0.000	0.474	0.001	0.000	0.000	0.000	0.364	0.475	0.002	0.000	0.001	0.000
	[0-0]	[0.141-0.712]	[0-0.001]	[0.000-0.000]	[0.000-0.000]	[0.000-0.000]	[0-0.585]	[0.329-0.612]	[0.001-0.002]	[0.000-0.000]	[0-0.001]	[0.000-0.000]
38	0.000	0.694	0.001	0.000	0.000	0.000	0.278	0.374	0.001	0.000	0.000	0.000
	[0-0]	[0.284-1]	[0-0.001]	[0.000-0.000]	[0.000-0.000]	[0.000-0.000]	[0.062-0.471]	[0.219-0.519]	[0.001-0.002]	[0.000-0.000]	[0-0.001]	[0.000-0.000]
39	0.000	0.244	0.001	0.000	0.000	0.000	0.077	0.483	0.001	0.000	0.000	0.000
	[0-0]	[0.13-0.788]	[0-0.001]	[0.000-0.000]	[0.000-0.000]	[0.000-0.000]	[0-0.286]	[0-0.651]	[0-0.002]	[0.000-0.000]	[0.000-0.000]	[0.000-0.000]
40	0.286	0.300	0.001	0.000	0.000	0.000	0.273	0.246	0.000	0.000	0.000	0.000
	[0-0.5]	[0.085-0.613]	[0-0.001]	[0.000-0.000]	[0.000-0.000]	[0.000-0.000]	[0-0.412]	[0.073-0.464]	[0-0.002]	[0.000-0.000]	[0.000-0.000]	[0.000-0.000]

Notes: Table A4 summarizes post-estimation life table calculations for age of marriage (Columns 1-6) and age of first birth (Columns 7-12). Columns 1-2 and 7-8 show the age-specific marriage and first birth hazards before and after LLF. First, regression-adjusted predicted log odds are calculated using coefficient estimates from Equation (2) (results available upon request), allowing age indicators and the LLF policy indicators to vary, but holding all other variables constant at observed pre-LLF values. The hazard function q_x describes the age pattern of risk of an event occurring at age x (conditional on that event not having already occurred), and is calculated from predicted log odds $\left(\frac{\exp(Log\ Odds_x^p)}{1+\exp(Log\ Odds_x^p)}\right)$. The hazard function is then used to generate survival function l_x (describing the proportion of the population at risk of a first birth; Columns 3-4 and 9-10) and the unconditional probability function d_x^p (describing the expected probability of a first birth occurring at a given age; Columns 5-6 and 11-12). The proportion remaining at risk is monotonically declining, beginning at $l_{15} = 1$, and diminishing with every year of age by the proportion of women who marry or have a first birth in the previous year: $l_x = l_{x-1} - d_x$. The unconditional probability of an event occurring at a given age is simply equal to the product of the conditional hazard and the proportion of the population at risk: $d_x = q_x \times l_x$.

Appendix Table A5:
Fertility Life Tables

Event Year -5

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.157	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.004	0.233	0.112	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.005
17	0.016	0.261	0.170	0.000	0.000	0.000	0.000	0.995	0.005	0.001	0.000	0.000	0.000	0.000	0.015	0.003	0.000	0.000	0.000	0.000	0.000	0.019
18	0.038	0.277	0.195	0.000	0.000	0.000	0.000	0.979	0.017	0.004	0.000	0.000	0.000	0.000	0.037	0.010	0.002	0.000	0.000	0.000	0.000	0.048
19	0.071	0.293	0.191	0.000	0.000	0.000	0.000	0.942	0.044	0.012	0.002	0.000	0.000	0.000	0.067	0.023	0.004	0.000	0.000	0.000	0.000	0.094
20	0.158	0.362	0.294	0.203	0.246	0.000	0.000	0.875	0.088	0.030	0.007	0.000	0.000	0.000	0.138	0.057	0.017	0.003	0.000	0.000	0.000	0.215
21	0.205	0.377	0.290	0.177	0.224	0.000	0.000	0.737	0.169	0.070	0.021	0.003	0.000	0.000	0.151	0.092	0.034	0.007	0.001	0.000	0.000	0.285
22	0.252	0.392	0.283	0.177	0.186	0.000	0.000	0.586	0.228	0.128	0.048	0.008	0.002	0.000	0.148	0.118	0.053	0.013	0.003	0.000	0.000	0.335
23	0.298	0.407	0.280	0.166	0.180	0.636	0.000	0.439	0.257	0.194	0.088	0.018	0.004	0.000	0.131	0.131	0.072	0.021	0.005	0.004	0.000	0.365
24	0.344	0.422	0.275	0.157	0.161	0.651	0.000	0.308	0.256	0.252	0.140	0.034	0.005	0.004	0.106	0.130	0.087	0.029	0.008	0.006	0.000	0.366
25	0.324	0.448	0.359	0.247	0.263	0.360	0.558	0.202	0.232	0.295	0.198	0.055	0.007	0.010	0.066	0.119	0.127	0.065	0.023	0.007	0.008	0.413
26	0.350	0.465	0.355	0.237	0.243	0.326	0.470	0.137	0.179	0.287	0.261	0.096	0.023	0.009	0.048	0.094	0.119	0.076	0.033	0.013	0.007	0.390
27	0.387	0.480	0.352	0.229	0.227	0.295	0.448	0.089	0.133	0.262	0.304	0.140	0.043	0.015	0.034	0.072	0.105	0.082	0.041	0.019	0.011	0.364
28	0.420	0.495	0.351	0.221	0.215	0.271	0.396	0.054	0.095	0.229	0.327	0.180	0.065	0.023	0.023	0.053	0.090	0.082	0.048	0.024	0.014	0.333
29	0.443	0.514	0.352	0.215	0.202	0.253	0.367	0.032	0.065	0.192	0.335	0.215	0.089	0.033	0.014	0.037	0.074	0.080	0.051	0.029	0.017	0.303
30	0.259	0.324	0.357	0.255	0.246	0.328	0.292	0.018	0.042	0.155	0.329	0.244	0.111	0.045	0.005	0.014	0.058	0.091	0.071	0.048	0.020	0.307
31	0.277	0.341	0.356	0.245	0.233	0.307	0.273	0.013	0.032	0.111	0.295	0.264	0.134	0.073	0.004	0.012	0.042	0.077	0.070	0.052	0.027	0.284
32	0.307	0.361	0.359	0.237	0.221	0.290	0.253	0.009	0.024	0.081	0.260	0.271	0.152	0.098	0.003	0.009	0.031	0.065	0.067	0.054	0.032	0.261
33	0.358	0.385	0.360	0.232	0.207	0.272	0.233	0.007	0.018	0.060	0.226	0.269	0.165	0.120	0.002	0.007	0.023	0.055	0.061	0.053	0.034	0.236
34	0.382	0.407	0.361	0.223	0.193	0.253	0.214	0.004	0.013	0.044	0.193	0.263	0.173	0.139	0.002	0.006	0.017	0.045	0.055	0.051	0.035	0.210
35	0.095	0.209	0.153	0.200	0.240	0.252	0.293	0.003	0.009	0.033	0.165	0.252	0.178	0.155	0.000	0.002	0.005	0.034	0.065	0.053	0.053	0.212
36	0.110	0.220	0.155	0.192	0.226	0.234	0.271	0.002	0.007	0.030	0.137	0.221	0.190	0.155	0.000	0.002	0.005	0.027	0.053	0.051	0.049	0.186
37	0.116	0.234	0.157	0.181	0.212	0.217	0.247	0.002	0.006	0.026	0.115	0.195	0.192	0.156	0.000	0.001	0.004	0.021	0.044	0.046	0.044	0.161
38	0.095	0.247	0.154	0.174	0.198	0.198	0.224	0.002	0.005	0.024	0.098	0.173	0.189	0.158	0.000	0.001	0.004	0.017	0.036	0.041	0.040	0.139
39	0.088	0.266	0.165	0.184	0.180	0.180	0.201	0.002	0.004	0.021	0.084	0.154	0.184	0.159	0.000	0.001	0.003	0.014	0.030	0.036	0.036	0.120
40	0.123	0.286	0.148	0.152	0.166	0.156	0.173	0.002	0.003	0.019	0.074	0.139	0.178	0.159	0.000	0.001	0.003	0.011	0.024	0.030	0.030	0.099
41	0.168	0.303	0.139	0.135	0.143	0.124	0.135	0.001	0.002	0.017	0.065	0.126	0.172	0.159	0.000	0.001	0.002	0.009	0.019	0.022	0.023	0.076
42	0.000	0.310	0.130	0.114	0.109	0.090	0.094	0.001	0.002	0.015	0.058	0.116	0.169	0.158	0.000	0.001	0.002	0.007	0.013	0.016	0.016	0.054
43	0.000	0.327	0.119	0.099	0.077	0.057	0.063	0.001	0.001	0.014	0.054	0.110	0.166	0.158	0.000	0.000	0.002	0.005	0.009	0.010	0.010	0.036
44	0.000	0.330	0.110	0.093	0.056	0.040	0.038	0.001	0.001	0.012	0.050	0.107	0.165	0.158	0.000	0.000	0.001	0.005	0.006	0.007	0.006	0.025
45	0.000	0.334	0.111	0.081	0.046	0.033	0.032	0.001	0.001	0.011	0.047	0.105	0.164	0.158	0.000	0.000	0.001	0.004	0.005	0.005	0.005	0.021
46	0.000	0.355	0.102	0.067	0.038	0.029	0.027	0.001	0.000	0.010	0.044	0.104	0.164	0.159	0.000	0.000	0.001	0.003	0.004	0.005	0.004	0.017
47	0.000	0.369	0.108	0.055	0.032	0.026	0.025	0.001	0.000	0.009	0.042	0.103	0.163	0.159	0.000	0.000	0.001	0.002	0.003	0.004	0.004	0.015
48	0.000	0.396	0.000	0.051	0.025	0.023	0.023	0.001	0.000	0.008	0.041	0.102	0.162	0.159	0.000	0.000	0.000	0.002	0.003	0.004	0.004	0.012
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.008	0.039	0.102	0.161	0.159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															0.999	0.999	0.990	0.952	0.850	0.689	0.530	6.008

Event Year -4

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.098	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.005	0.150	0.000	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
17	0.016	0.169	0.000	0.000	0.000	0.000	0.000	0.994	0.005	0.001	0.000	0.000	0.000	0.000	0.016	0.002	0.000	0.000	0.000	0.000	0.000	0.018
18	0.039	0.180	0.000	0.000	0.000	0.000	0.000	0.978	0.019	0.003	0.000	0.000	0.000	0.000	0.038	0.007	0.000	0.000	0.000	0.000	0.000	0.045
19	0.073	0.193	0.000	0.000	0.000	0.000	0.000	0.940	0.050	0.010	0.000	0.000	0.000	0.000	0.069	0.016	0.000	0.000	0.000	0.000	0.000	0.085
20	0.157	0.361	0.292	0.264	0.233	0.000	0.000	0.871	0.103	0.026	0.000	0.000	0.000	0.000	0.137	0.062	0.017	0.002	0.000	0.000	0.000	0.217
21	0.203	0.376	0.287	0.231	0.211	0.000	0.000	0.735	0.177	0.071	0.014	0.002	0.000	0.000	0.150	0.095	0.034	0.007	0.001	0.000	0.000	0.287
22	0.250	0.391	0.281	0.232	0.175	0.000	0.000	0.585	0.232	0.132	0.041	0.008	0.001	0.000	0.147	0.119	0.054	0.016	0.003	0.000	0.000	0.338
23	0.296	0.406	0.277	0.219	0.169	0.000	0.000	0.439	0.259	0.197	0.079	0.021	0.004	0.000	0.130	0.132	0.073	0.025	0.006	0.000	0.000	0.366
24	0.342	0.420	0.273	0.207	0.151	0.000	0.000	0.309	0.258	0.256	0.127	0.041	0.010	0.000	0.106	0.130	0.088	0.035	0.009	0.000	0.000	0.368
25	0.287	0.431	0.360	0.282	0.274	0.342	0.385	0.203	0.233	0.299	0.179	0.067	0.019	0.000	0.058	0.113	0.128	0.068	0.028	0.011	0.002	0.409
26	0.312	0.448	0.357	0.271	0.252	0.309	0.304	0.145	0.178	0.284	0.239	0.108	0.035	0.009	0.045	0.090	0.117	0.081	0.037	0.017	0.005	0.393
27	0.347	0.463	0.354	0.262	0.237	0.279	0.287	0.100	0.134	0.256	0.275	0.151	0.056	0.020	0.035	0.070	0.103	0.086	0.046	0.022	0.009	0.370
28	0.379	0.478	0.353	0.254	0.224	0.256	0.248	0.065	0.098	0.223	0.293	0.191	0.080	0.033	0.025	0.053	0.088	0.086	0.052	0.027	0.012	0.342
29	0.402	0.497	0.354	0.247	0.210	0.239	0.225	0.040	0.070	0.188	0.295	0.224	0.105	0.049	0.016	0.039	0.073	0.082	0.056	0.032	0.015	0.313
30	0.203	0.321	0.326	0.278	0.274	0.313	0.294	0.024	0.047	0.154	0.287	0.250	0.129	0.066	0.005	0.016	0.053	0.087	0.080	0.053	0.027	0.321
31	0.219	0.338	0.326	0.267	0.260	0.292	0.275	0.019	0.036	0.117	0.252	0.257	0.157	0.092	0.004	0.013	0.040	0.073	0.076	0.057	0.033	0.296
32	0.245	0.358	0.328	0.259	0.247	0.275	0.255	0.015	0.028	0.090	0.220	0.254	0.176	0.116	0.004	0.011	0.031	0.061	0.070	0.058	0.037	0.271
33	0.288	0.382	0.329	0.254	0.232	0.258	0.234	0.011	0.021	0.069	0.190	0.244	0.188	0.137	0.003	0.009	0.024	0.051	0.063	0.057	0.039	0.245
34	0.310	0.403	0.330	0.244	0.217	0.239	0.216	0.008	0.015	0.053	0.163	0.233	0.194	0.155	0.003	0.007	0.019	0.042	0.055	0.053	0.039	0.217
35	0.310	0.089	0.156	0.212	0.208	0.267	0.265	0.006	0.011	0.041	0.140	0.220	0.196	0.168	0.002	0.001	0.007	0.030	0.049	0.059	0.053	0.200
36	0.345	0.095	0.158	0.203	0.195	0.249	0.245	0.004	0.012	0.036	0.116	0.201	0.186	0.175	0.001	0.001	0.006	0.024	0.042	0.051	0.049	0.174
37	0.352	0.102	0.160	0.192	0.182	0.230	0.222	0.003	0.012	0.031	0.098	0.184	0.176	0.177	0.001	0.001	0.005	0.019	0.035	0.045	0.044	0.151
38	0.282	0.108	0.157	0.185	0.170	0.211	0.201	0.002	0.012	0.028	0.083	0.168	0.167	0.178	0.000	0.001	0.004	0.016	0.030	0.038	0.040	0.130
39	0.259	0.118	0.156	0.175	0.158	0.192	0.180	0.001	0.011	0.024	0.072	0.154	0.158	0.176	0.000	0.001	0.004	0.013	0.025	0.033	0.035	0.111
40	0.342	0.129	0.151	0.161	0.142	0.167	0.154	0.001	0.010	0.022	0.063	0.141	0.151	0.175	0.000	0.001	0.003	0.010	0.021	0.027	0.029	0.092
41	0.434	0.139	0.142	0.144	0.121	0.132	0.120	0.001	0.009	0.020	0.056	0.131	0.145	0.172	0.000	0.001	0.003	0.008	0.016	0.020	0.022	0.071
42	0.000	0.142	0.133	0.121	0.092	0.097	0.083	0.000	0.008	0.018	0.051	0.123	0.141	0.171	0.000	0.001	0.002	0.006	0.012	0.014	0.015	0.050
43	0.000	0.153	0.121	0.105	0.065	0.061	0.055	0.000	0.007	0.017	0.047	0.118	0.138	0.170	0.000	0.001	0.002	0.005	0.008	0.009	0.010	0.034
44	0.000	0.154	0.112	0.099	0.047	0.043	0.033	0.000	0.006	0.016	0.044	0.115	0.137	0.169	0.000	0.001	0.002	0.004	0.005	0.006	0.006	0.024
45	0.000	0.156	0.113	0.087	0.038	0.035	0.028	0.000	0.005	0.015	0.041	0.114	0.137	0.170	0.000	0.001	0.002	0.004	0.004	0.005	0.005	0.020
46	0.000	0.169	0.104	0.071	0.032	0.031	0.024	0.000	0.004	0.014	0.039	0.113	0.136	0.170	0.000	0.001	0.001	0.003	0.004	0.004	0.004	0.017
47	0.000	0.177	0.110	0.059	0.027	0.028	0.022	0.000	0.003	0.013	0.038	0.112	0.136	0.170	0.000	0.001	0.001	0.002	0.003	0.004	0.004	0.015
48	0.000	0.195	0.000	0.055	0.021	0.025	0.020	0.000	0.003	0.012	0.037	0.112	0.135	0.170	0.000	0.001	0.000	0.002	0.002	0.003	0.003	0.012
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.013	0.035	0.111	0.134	0.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.997	0.985	0.950	0.838	0.705	0.535	6.009

Event Year -3

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertility Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.114	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.004	0.173	0.085	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.005
17	0.015	0.195	0.132	0.000	0.000	0.000	0.000	0.995	0.005	0.001	0.000	0.000	0.000	0.000	0.015	0.002	0.000	0.000	0.000	0.000	0.000	0.018
18	0.037	0.207	0.152	0.000	0.000	0.000	0.000	0.980	0.017	0.003	0.000	0.000	0.000	0.000	0.036	0.007	0.001	0.000	0.000	0.000	0.000	0.044
19	0.069	0.221	0.149	0.000	0.000	0.000	0.000	0.944	0.046	0.009	0.001	0.000	0.000	0.000	0.065	0.017	0.003	0.000	0.000	0.000	0.000	0.086
20	0.156	0.321	0.279	0.248	0.309	0.000	0.000	0.878	0.094	0.024	0.004	0.000	0.000	0.000	0.137	0.052	0.014	0.003	0.000	0.000	0.000	0.206
21	0.203	0.335	0.275	0.217	0.282	0.000	0.000	0.741	0.179	0.062	0.015	0.002	0.000	0.000	0.150	0.085	0.029	0.006	0.002	0.000	0.000	0.272
22	0.250	0.349	0.269	0.218	0.237	0.000	0.000	0.591	0.244	0.119	0.037	0.007	0.002	0.000	0.147	0.111	0.047	0.013	0.003	0.000	0.000	0.322
23	0.295	0.364	0.265	0.205	0.231	0.125	0.000	0.443	0.281	0.183	0.071	0.017	0.005	0.000	0.131	0.126	0.065	0.021	0.006	0.001	0.000	0.351
24	0.341	0.377	0.261	0.194	0.207	0.134	0.000	0.312	0.286	0.244	0.115	0.032	0.011	0.001	0.107	0.128	0.080	0.030	0.010	0.002	0.000	0.357
25	0.298	0.432	0.350	0.290	0.275	0.282	0.334	0.206	0.264	0.291	0.165	0.052	0.018	0.003	0.061	0.127	0.124	0.066	0.023	0.008	0.002	0.413
26	0.324	0.449	0.347	0.279	0.254	0.253	0.259	0.144	0.198	0.294	0.223	0.095	0.033	0.009	0.047	0.099	0.119	0.079	0.034	0.013	0.004	0.395
27	0.359	0.464	0.344	0.270	0.238	0.226	0.245	0.098	0.146	0.274	0.264	0.140	0.055	0.018	0.035	0.076	0.107	0.086	0.044	0.017	0.006	0.371
28	0.392	0.479	0.343	0.262	0.225	0.206	0.210	0.063	0.105	0.243	0.285	0.182	0.081	0.029	0.024	0.056	0.093	0.087	0.051	0.022	0.008	0.341
29	0.415	0.497	0.344	0.255	0.212	0.192	0.189	0.038	0.073	0.206	0.291	0.218	0.110	0.042	0.016	0.040	0.078	0.084	0.055	0.026	0.010	0.310
30	0.274	0.291	0.303	0.293	0.269	0.293	0.277	0.022	0.049	0.169	0.285	0.247	0.138	0.058	0.006	0.015	0.053	0.091	0.079	0.052	0.023	0.320
31	0.292	0.306	0.302	0.281	0.255	0.273	0.258	0.016	0.040	0.130	0.247	0.260	0.165	0.087	0.005	0.013	0.041	0.075	0.076	0.055	0.030	0.295
32	0.323	0.326	0.305	0.272	0.242	0.256	0.239	0.011	0.032	0.102	0.213	0.259	0.186	0.113	0.004	0.011	0.033	0.063	0.070	0.057	0.034	0.270
33	0.376	0.349	0.305	0.267	0.228	0.240	0.219	0.008	0.024	0.080	0.183	0.251	0.199	0.135	0.003	0.009	0.026	0.052	0.063	0.055	0.036	0.245
34	0.400	0.369	0.306	0.257	0.213	0.222	0.201	0.005	0.018	0.063	0.157	0.241	0.207	0.155	0.002	0.007	0.020	0.043	0.056	0.052	0.036	0.217
35	0.219	0.098	0.215	0.214	0.228	0.238	0.256	0.003	0.013	0.050	0.134	0.228	0.211	0.171	0.001	0.001	0.011	0.030	0.055	0.057	0.051	0.206
36	0.248	0.105	0.218	0.206	0.214	0.221	0.235	0.002	0.012	0.040	0.115	0.202	0.209	0.177	0.001	0.001	0.009	0.025	0.046	0.051	0.048	0.180
37	0.256	0.112	0.220	0.194	0.201	0.204	0.213	0.002	0.012	0.033	0.100	0.181	0.204	0.180	0.000	0.001	0.007	0.020	0.038	0.046	0.043	0.156
38	0.207	0.119	0.217	0.187	0.188	0.186	0.193	0.001	0.011	0.027	0.087	0.162	0.197	0.183	0.000	0.001	0.006	0.017	0.032	0.040	0.039	0.135
39	0.191	0.130	0.215	0.177	0.175	0.169	0.172	0.001	0.010	0.022	0.076	0.147	0.189	0.183	0.000	0.001	0.005	0.014	0.027	0.034	0.034	0.116
40	0.258	0.142	0.208	0.164	0.157	0.147	0.148	0.001	0.009	0.018	0.067	0.134	0.182	0.183	0.000	0.001	0.004	0.011	0.022	0.028	0.029	0.096
41	0.336	0.153	0.197	0.146	0.135	0.116	0.115	0.001	0.008	0.016	0.060	0.123	0.176	0.182	0.000	0.001	0.003	0.009	0.017	0.021	0.022	0.074
42	0.000	0.157	0.185	0.123	0.103	0.084	0.079	0.000	0.007	0.014	0.054	0.115	0.172	0.181	0.000	0.001	0.003	0.007	0.012	0.015	0.015	0.053
43	0.000	0.167	0.170	0.107	0.073	0.053	0.053	0.000	0.006	0.012	0.050	0.110	0.169	0.181	0.000	0.001	0.002	0.005	0.008	0.009	0.010	0.036
44	0.000	0.169	0.158	0.101	0.053	0.037	0.032	0.000	0.005	0.011	0.047	0.107	0.168	0.181	0.000	0.001	0.002	0.005	0.006	0.006	0.006	0.025
45	0.000	0.171	0.160	0.088	0.043	0.030	0.026	0.000	0.004	0.010	0.044	0.106	0.167	0.181	0.000	0.001	0.002	0.004	0.005	0.005	0.005	0.021
46	0.000	0.185	0.147	0.072	0.036	0.027	0.023	0.000	0.003	0.009	0.041	0.105	0.167	0.181	0.000	0.001	0.001	0.003	0.004	0.004	0.004	0.017
47	0.000	0.194	0.156	0.060	0.030	0.024	0.021	0.000	0.003	0.008	0.040	0.105	0.166	0.182	0.000	0.001	0.001	0.002	0.003	0.004	0.004	0.015
48	0.000	0.213	0.000	0.055	0.023	0.021	0.019	0.000	0.002	0.007	0.038	0.104	0.165	0.182	0.000	0.000	0.000	0.002	0.002	0.004	0.003	0.012
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.008	0.036	0.103	0.164	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.998	0.990	0.954	0.850	0.686	0.504	5.982

Event Year -2

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.097	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.005	0.147	0.087	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.005
17	0.017	0.166	0.135	0.000	0.000	0.000	0.000	0.994	0.005	0.001	0.000	0.000	0.000	0.000	0.017	0.002	0.000	0.000	0.000	0.000	0.000	0.019
18	0.041	0.177	0.155	0.000	0.000	0.000	0.000	0.977	0.020	0.003	0.000	0.000	0.000	0.000	0.040	0.007	0.001	0.000	0.000	0.000	0.000	0.048
19	0.077	0.190	0.152	0.000	0.000	0.000	0.000	0.937	0.053	0.009	0.001	0.000	0.000	0.000	0.073	0.017	0.003	0.000	0.000	0.000	0.000	0.092
20	0.160	0.312	0.277	0.283	0.330	0.000	0.000	0.864	0.109	0.023	0.004	0.000	0.000	0.000	0.138	0.056	0.014	0.003	0.001	0.000	0.000	0.211
21	0.207	0.326	0.272	0.249	0.302	0.000	0.000	0.726	0.191	0.065	0.015	0.003	0.001	0.000	0.151	0.087	0.029	0.007	0.002	0.000	0.000	0.276
22	0.255	0.340	0.266	0.250	0.255	0.000	0.000	0.576	0.255	0.122	0.037	0.008	0.002	0.000	0.147	0.112	0.047	0.015	0.004	0.000	0.000	0.325
23	0.301	0.355	0.262	0.236	0.248	0.304	0.000	0.429	0.290	0.186	0.069	0.019	0.006	0.000	0.129	0.126	0.065	0.024	0.008	0.003	0.000	0.355
24	0.348	0.368	0.258	0.224	0.223	0.321	0.000	0.300	0.293	0.247	0.111	0.035	0.011	0.003	0.104	0.127	0.080	0.034	0.012	0.005	0.000	0.362
25	0.308	0.381	0.342	0.301	0.282	0.285	0.377	0.196	0.270	0.294	0.157	0.058	0.017	0.009	0.060	0.114	0.120	0.065	0.025	0.009	0.005	0.399
26	0.333	0.397	0.338	0.290	0.260	0.256	0.297	0.135	0.216	0.288	0.212	0.097	0.034	0.012	0.045	0.095	0.114	0.078	0.035	0.013	0.006	0.386
27	0.369	0.412	0.335	0.281	0.244	0.229	0.281	0.090	0.166	0.269	0.247	0.140	0.056	0.020	0.033	0.076	0.103	0.084	0.044	0.018	0.008	0.366
28	0.402	0.427	0.334	0.272	0.231	0.209	0.242	0.057	0.124	0.242	0.266	0.179	0.083	0.030	0.023	0.058	0.091	0.085	0.051	0.023	0.010	0.340
29	0.425	0.445	0.335	0.265	0.217	0.194	0.219	0.034	0.089	0.209	0.272	0.213	0.111	0.043	0.014	0.043	0.077	0.082	0.055	0.027	0.012	0.312
30	0.277	0.248	0.311	0.318	0.284	0.259	0.247	0.020	0.061	0.175	0.267	0.240	0.140	0.057	0.005	0.016	0.057	0.094	0.082	0.047	0.020	0.320
31	0.295	0.262	0.310	0.306	0.270	0.240	0.230	0.014	0.050	0.134	0.230	0.253	0.175	0.084	0.004	0.014	0.044	0.077	0.079	0.051	0.025	0.294
32	0.326	0.279	0.313	0.297	0.257	0.225	0.212	0.010	0.041	0.104	0.197	0.251	0.202	0.110	0.003	0.012	0.034	0.063	0.073	0.054	0.029	0.268
33	0.379	0.301	0.313	0.291	0.242	0.210	0.194	0.007	0.032	0.081	0.168	0.242	0.221	0.134	0.003	0.010	0.027	0.053	0.065	0.053	0.031	0.242
34	0.404	0.320	0.315	0.280	0.226	0.194	0.178	0.004	0.025	0.064	0.142	0.230	0.232	0.156	0.002	0.008	0.022	0.043	0.057	0.051	0.032	0.214
35	0.217	0.128	0.185	0.243	0.219	0.225	0.233	0.002	0.018	0.051	0.121	0.216	0.239	0.175	0.001	0.002	0.010	0.030	0.051	0.059	0.048	0.201
36	0.246	0.136	0.187	0.233	0.205	0.209	0.214	0.002	0.016	0.044	0.100	0.196	0.230	0.186	0.000	0.002	0.008	0.024	0.043	0.052	0.046	0.176
37	0.254	0.146	0.189	0.221	0.193	0.193	0.193	0.001	0.015	0.038	0.084	0.177	0.220	0.193	0.000	0.002	0.007	0.019	0.036	0.046	0.042	0.153
38	0.206	0.155	0.186	0.213	0.180	0.175	0.175	0.001	0.013	0.032	0.072	0.161	0.210	0.197	0.000	0.002	0.006	0.016	0.030	0.040	0.038	0.132
39	0.190	0.168	0.185	0.202	0.167	0.159	0.156	0.001	0.011	0.028	0.062	0.146	0.201	0.199	0.000	0.002	0.005	0.013	0.025	0.034	0.034	0.114
40	0.256	0.182	0.179	0.187	0.150	0.138	0.133	0.001	0.009	0.025	0.055	0.134	0.192	0.199	0.000	0.002	0.005	0.011	0.021	0.028	0.028	0.094
41	0.334	0.195	0.169	0.167	0.128	0.109	0.103	0.001	0.008	0.022	0.048	0.124	0.185	0.199	0.000	0.002	0.004	0.008	0.016	0.021	0.022	0.073
42	0.000	0.200	0.158	0.141	0.098	0.079	0.071	0.000	0.006	0.020	0.044	0.116	0.181	0.198	0.000	0.001	0.003	0.006	0.012	0.015	0.015	0.052
43	0.000	0.214	0.145	0.123	0.069	0.049	0.047	0.000	0.005	0.018	0.041	0.110	0.178	0.199	0.000	0.001	0.003	0.005	0.008	0.009	0.010	0.035
44	0.000	0.216	0.134	0.116	0.050	0.034	0.028	0.000	0.004	0.016	0.038	0.108	0.176	0.198	0.000	0.001	0.002	0.005	0.006	0.006	0.006	0.025
45	0.000	0.218	0.136	0.102	0.041	0.028	0.023	0.000	0.003	0.015	0.036	0.107	0.176	0.198	0.000	0.001	0.002	0.004	0.004	0.005	0.005	0.021
46	0.000	0.235	0.125	0.084	0.034	0.025	0.020	0.000	0.002	0.013	0.034	0.106	0.175	0.199	0.000	0.001	0.002	0.003	0.004	0.004	0.004	0.017
47	0.000	0.245	0.132	0.070	0.029	0.022	0.018	0.000	0.002	0.012	0.033	0.105	0.174	0.199	0.000	0.000	0.002	0.002	0.003	0.004	0.004	0.015
48	0.000	0.267	0.000	0.065	0.022	0.020	0.017	0.000	0.001	0.011	0.032	0.105	0.174	0.199	0.000	0.000	0.000	0.002	0.002	0.003	0.003	0.012
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.011	0.030	0.105	0.172	0.199	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.999	0.987	0.957	0.853	0.680	0.481	5.956

Event Year -1

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.079	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.005	0.121	0.067	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
17	0.017	0.137	0.105	0.000	0.000	0.000	0.000	0.994	0.005	0.000	0.000	0.000	0.000	0.000	0.017	0.002	0.000	0.000	0.000	0.000	0.000	0.019
18	0.041	0.146	0.122	0.000	0.000	0.000	0.000	0.977	0.020	0.002	0.000	0.000	0.000	0.000	0.040	0.006	0.001	0.000	0.000	0.000	0.000	0.046
19	0.077	0.157	0.119	0.000	0.000	0.000	0.000	0.937	0.054	0.007	0.001	0.000	0.000	0.000	0.072	0.014	0.002	0.000	0.000	0.000	0.000	0.088
20	0.166	0.298	0.260	0.262	0.178	0.000	0.000	0.865	0.112	0.020	0.003	0.000	0.000	0.000	0.143	0.055	0.012	0.002	0.000	0.000	0.000	0.213
21	0.215	0.312	0.255	0.230	0.161	0.000	0.000	0.722	0.201	0.062	0.013	0.002	0.000	0.000	0.155	0.087	0.027	0.006	0.001	0.000	0.000	0.275
22	0.263	0.326	0.249	0.230	0.131	0.000	0.000	0.567	0.269	0.122	0.034	0.007	0.001	0.000	0.149	0.112	0.044	0.013	0.002	0.000	0.000	0.320
23	0.311	0.339	0.246	0.217	0.127	0.000	0.000	0.418	0.306	0.190	0.065	0.018	0.003	0.000	0.130	0.126	0.062	0.021	0.004	0.000	0.000	0.343
24	0.358	0.353	0.242	0.205	0.113	0.000	0.000	0.288	0.310	0.253	0.106	0.035	0.006	0.000	0.103	0.128	0.077	0.030	0.006	0.000	0.000	0.343
25	0.333	0.355	0.336	0.337	0.299	0.249	0.270	0.185	0.286	0.304	0.153	0.060	0.012	0.000	0.062	0.112	0.121	0.072	0.029	0.007	0.001	0.403
26	0.360	0.371	0.333	0.326	0.276	0.223	0.204	0.123	0.235	0.296	0.202	0.103	0.034	0.006	0.044	0.095	0.114	0.085	0.040	0.012	0.002	0.393
27	0.397	0.386	0.330	0.316	0.260	0.199	0.193	0.079	0.184	0.277	0.232	0.147	0.062	0.015	0.031	0.077	0.104	0.090	0.050	0.017	0.005	0.374
28	0.430	0.400	0.329	0.306	0.246	0.181	0.164	0.048	0.138	0.250	0.246	0.187	0.095	0.028	0.020	0.059	0.092	0.090	0.057	0.022	0.006	0.347
29	0.453	0.418	0.330	0.299	0.231	0.167	0.147	0.027	0.099	0.217	0.249	0.220	0.130	0.044	0.012	0.044	0.079	0.086	0.061	0.027	0.008	0.317
30	0.288	0.251	0.319	0.330	0.285	0.239	0.231	0.015	0.068	0.182	0.242	0.245	0.164	0.062	0.004	0.018	0.061	0.090	0.083	0.049	0.020	0.324
31	0.306	0.266	0.318	0.318	0.271	0.222	0.215	0.011	0.054	0.139	0.213	0.252	0.197	0.091	0.003	0.015	0.047	0.075	0.078	0.052	0.025	0.296
32	0.338	0.284	0.321	0.308	0.257	0.207	0.198	0.007	0.043	0.107	0.184	0.249	0.223	0.118	0.002	0.012	0.036	0.062	0.072	0.054	0.029	0.268
33	0.392	0.305	0.321	0.303	0.242	0.193	0.180	0.005	0.033	0.083	0.158	0.239	0.241	0.143	0.002	0.010	0.028	0.052	0.064	0.053	0.031	0.241
34	0.417	0.324	0.323	0.292	0.227	0.178	0.165	0.003	0.024	0.065	0.135	0.227	0.253	0.166	0.001	0.008	0.022	0.042	0.056	0.050	0.031	0.212
35	0.307	0.095	0.153	0.227	0.217	0.204	0.208	0.002	0.017	0.051	0.114	0.213	0.259	0.184	0.001	0.002	0.008	0.027	0.049	0.058	0.044	0.188
36	0.342	0.101	0.155	0.218	0.204	0.189	0.190	0.001	0.016	0.045	0.095	0.191	0.251	0.198	0.000	0.002	0.007	0.022	0.041	0.051	0.043	0.165
37	0.348	0.109	0.156	0.206	0.191	0.174	0.172	0.001	0.015	0.039	0.081	0.171	0.241	0.206	0.000	0.002	0.006	0.017	0.034	0.045	0.039	0.144
38	0.279	0.116	0.154	0.199	0.178	0.158	0.155	0.001	0.014	0.035	0.070	0.154	0.230	0.212	0.000	0.002	0.005	0.014	0.029	0.039	0.036	0.125
39	0.257	0.126	0.152	0.188	0.165	0.143	0.137	0.000	0.012	0.031	0.061	0.140	0.220	0.215	0.000	0.002	0.005	0.012	0.024	0.033	0.032	0.107
40	0.339	0.138	0.147	0.174	0.149	0.123	0.117	0.000	0.011	0.028	0.054	0.128	0.211	0.216	0.000	0.001	0.004	0.010	0.020	0.027	0.027	0.089
41	0.430	0.148	0.139	0.155	0.127	0.097	0.090	0.000	0.009	0.025	0.048	0.118	0.204	0.217	0.000	0.001	0.004	0.008	0.015	0.021	0.020	0.069
42	0.000	0.152	0.130	0.131	0.097	0.070	0.062	0.000	0.008	0.023	0.044	0.110	0.199	0.217	0.000	0.001	0.003	0.006	0.011	0.014	0.014	0.049
43	0.000	0.163	0.118	0.114	0.068	0.044	0.041	0.000	0.007	0.021	0.041	0.105	0.195	0.217	0.000	0.001	0.003	0.005	0.007	0.009	0.009	0.034
44	0.000	0.164	0.109	0.108	0.050	0.030	0.024	0.000	0.006	0.020	0.039	0.102	0.194	0.217	0.000	0.001	0.002	0.004	0.005	0.006	0.005	0.024
45	0.000	0.166	0.111	0.094	0.040	0.025	0.020	0.000	0.005	0.018	0.037	0.102	0.193	0.217	0.000	0.001	0.002	0.004	0.004	0.005	0.004	0.020
46	0.000	0.180	0.102	0.078	0.034	0.022	0.017	0.000	0.004	0.017	0.035	0.101	0.193	0.218	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.017
47	0.000	0.189	0.108	0.065	0.028	0.020	0.016	0.000	0.003	0.016	0.034	0.100	0.192	0.218	0.000	0.001	0.002	0.002	0.003	0.004	0.003	0.015
48	0.000	0.207	0.000	0.060	0.022	0.017	0.014	0.000	0.003	0.015	0.034	0.100	0.191	0.219	0.000	0.001	0.000	0.002	0.002	0.003	0.003	0.011
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.015	0.032	0.099	0.190	0.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.998	0.982	0.951	0.851	0.661	0.443	5.886

Event Year 0

Age	Hazard Function q_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Survival Function l_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Probability of Birth d_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Fertility Rates
15	0.001	0.083	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.005	0.127	0.094	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.019	0.144	0.146	0.000	0.000	0.000	0.000	0.993	0.006	0.001	0.000	0.000	0.000	0.000	0.019	0.002	0.000	0.000	0.000	0.000	0.000	0.021
18	0.045	0.154	0.168	0.000	0.000	0.000	0.000	0.975	0.023	0.002	0.000	0.000	0.000	0.000	0.044	0.007	0.001	0.000	0.000	0.000	0.000	0.052
19	0.085	0.165	0.164	0.000	0.000	0.000	0.000	0.930	0.060	0.008	0.001	0.000	0.000	0.000	0.079	0.016	0.003	0.000	0.000	0.000	0.000	0.098
20	0.175	0.269	0.243	0.355	0.317	0.000	0.000	0.851	0.123	0.022	0.004	0.000	0.000	0.000	0.149	0.053	0.012	0.004	0.001	0.000	0.000	0.218
21	0.226	0.282	0.239	0.317	0.290	0.000	0.000	0.703	0.218	0.063	0.012	0.003	0.001	0.000	0.159	0.084	0.025	0.008	0.002	0.000	0.000	0.278
22	0.276	0.295	0.233	0.317	0.244	0.000	0.000	0.544	0.293	0.122	0.030	0.009	0.003	0.000	0.150	0.109	0.041	0.016	0.004	0.000	0.000	0.320
23	0.325	0.308	0.230	0.301	0.237	0.000	0.000	0.394	0.335	0.190	0.055	0.021	0.007	0.000	0.128	0.123	0.058	0.025	0.008	0.000	0.000	0.342
24	0.375	0.321	0.226	0.287	0.213	0.000	0.000	0.266	0.340	0.255	0.087	0.038	0.015	0.000	0.099	0.125	0.072	0.035	0.012	0.000	0.000	0.343
25	0.342	0.358	0.336	0.355	0.305	0.248	0.301	0.166	0.314	0.308	0.124	0.061	0.026	0.000	0.057	0.123	0.124	0.066	0.029	0.010	0.002	0.410
26	0.368	0.374	0.333	0.344	0.282	0.222	0.230	0.109	0.248	0.307	0.182	0.099	0.045	0.009	0.040	0.100	0.119	0.083	0.039	0.014	0.004	0.400
27	0.406	0.389	0.330	0.333	0.265	0.198	0.218	0.069	0.188	0.288	0.218	0.142	0.070	0.019	0.028	0.079	0.108	0.091	0.050	0.019	0.006	0.380
28	0.439	0.403	0.329	0.324	0.251	0.180	0.186	0.041	0.138	0.259	0.235	0.183	0.101	0.032	0.018	0.059	0.095	0.091	0.057	0.023	0.008	0.352
29	0.462	0.421	0.330	0.316	0.236	0.167	0.167	0.023	0.097	0.223	0.239	0.217	0.135	0.047	0.011	0.043	0.081	0.088	0.062	0.028	0.010	0.322
30	0.253	0.262	0.308	0.338	0.289	0.236	0.201	0.012	0.064	0.185	0.231	0.243	0.169	0.065	0.003	0.017	0.060	0.088	0.083	0.050	0.018	0.319
31	0.272	0.277	0.307	0.325	0.275	0.219	0.186	0.009	0.050	0.143	0.203	0.248	0.203	0.096	0.003	0.014	0.046	0.073	0.078	0.053	0.023	0.290
32	0.301	0.295	0.310	0.316	0.261	0.204	0.171	0.007	0.038	0.111	0.175	0.244	0.228	0.126	0.002	0.012	0.036	0.061	0.072	0.054	0.026	0.263
33	0.351	0.317	0.311	0.310	0.246	0.190	0.156	0.005	0.029	0.086	0.150	0.233	0.246	0.154	0.002	0.009	0.028	0.051	0.064	0.053	0.028	0.235
34	0.375	0.337	0.312	0.299	0.231	0.175	0.142	0.003	0.021	0.067	0.128	0.220	0.257	0.179	0.001	0.007	0.022	0.042	0.056	0.050	0.029	0.207
35	0.282	0.069	0.172	0.246	0.223	0.200	0.177	0.002	0.015	0.053	0.108	0.206	0.262	0.200	0.001	0.001	0.009	0.028	0.049	0.058	0.041	0.186
36	0.316	0.074	0.174	0.236	0.209	0.186	0.162	0.001	0.014	0.045	0.090	0.185	0.254	0.217	0.000	0.001	0.008	0.022	0.041	0.051	0.039	0.163
37	0.323	0.079	0.176	0.224	0.196	0.171	0.145	0.001	0.014	0.038	0.075	0.166	0.244	0.228	0.000	0.001	0.007	0.018	0.034	0.045	0.036	0.141
38	0.259	0.085	0.173	0.216	0.183	0.155	0.130	0.001	0.013	0.032	0.065	0.149	0.234	0.237	0.000	0.001	0.006	0.015	0.029	0.038	0.033	0.122
39	0.239	0.093	0.172	0.205	0.170	0.140	0.115	0.000	0.012	0.028	0.056	0.135	0.224	0.242	0.000	0.001	0.005	0.012	0.024	0.033	0.030	0.105
40	0.317	0.101	0.166	0.190	0.153	0.121	0.098	0.000	0.011	0.024	0.049	0.123	0.215	0.245	0.000	0.001	0.004	0.010	0.020	0.027	0.025	0.087
41	0.406	0.110	0.157	0.170	0.131	0.095	0.075	0.000	0.010	0.021	0.043	0.113	0.207	0.247	0.000	0.001	0.003	0.008	0.015	0.020	0.019	0.067
42	0.000	0.113	0.147	0.144	0.100	0.069	0.051	0.000	0.009	0.019	0.039	0.105	0.202	0.248	0.000	0.001	0.003	0.006	0.011	0.014	0.013	0.048
43	0.000	0.121	0.134	0.125	0.071	0.043	0.034	0.000	0.008	0.017	0.036	0.100	0.199	0.249	0.000	0.001	0.002	0.005	0.007	0.009	0.009	0.032
44	0.000	0.122	0.124	0.118	0.051	0.030	0.020	0.000	0.007	0.015	0.034	0.098	0.197	0.250	0.000	0.001	0.002	0.004	0.005	0.006	0.005	0.023
45	0.000	0.124	0.126	0.104	0.042	0.024	0.017	0.000	0.006	0.014	0.031	0.097	0.196	0.250	0.000	0.001	0.002	0.003	0.004	0.005	0.004	0.019
46	0.000	0.134	0.116	0.086	0.035	0.021	0.014	0.000	0.005	0.013	0.030	0.096	0.196	0.251	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.016
47	0.000	0.141	0.123	0.071	0.029	0.019	0.013	0.000	0.005	0.012	0.029	0.095	0.195	0.252	0.000	0.001	0.002	0.002	0.003	0.004	0.003	0.014
48	0.000	0.156	0.000	0.066	0.023	0.017	0.012	0.000	0.004	0.012	0.028	0.095	0.194	0.252	0.000	0.001	0.000	0.002	0.002	0.003	0.003	0.011
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.012	0.026	0.094	0.193	0.253	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.996	0.984	0.958	0.864	0.671	0.418	5.891

Event Year 1

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.076	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.117	0.154	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.020	0.133	0.228	0.000	0.000	0.000	0.000	0.993	0.006	0.000	0.000	0.000	0.000	0.000	0.020	0.002	0.000	0.000	0.000	0.000	0.000	0.022
18	0.048	0.142	0.259	0.000	0.000	0.000	0.000	0.973	0.024	0.002	0.000	0.000	0.000	0.000	0.047	0.007	0.001	0.000	0.000	0.000	0.000	0.055
19	0.090	0.152	0.254	0.000	0.000	0.000	0.000	0.926	0.064	0.008	0.002	0.000	0.000	0.000	0.083	0.016	0.004	0.000	0.000	0.000	0.000	0.103
20	0.178	0.258	0.244	0.335	0.286	0.000	0.000	0.843	0.131	0.020	0.006	0.000	0.000	0.000	0.150	0.053	0.011	0.004	0.001	0.000	0.000	0.219
21	0.230	0.270	0.240	0.298	0.261	0.000	0.000	0.693	0.228	0.062	0.013	0.003	0.001	0.000	0.160	0.083	0.025	0.008	0.002	0.000	0.000	0.277
22	0.282	0.283	0.234	0.298	0.218	0.000	0.000	0.533	0.305	0.120	0.030	0.009	0.002	0.000	0.150	0.107	0.041	0.015	0.004	0.000	0.000	0.317
23	0.331	0.296	0.231	0.282	0.212	0.000	0.000	0.383	0.348	0.187	0.056	0.021	0.006	0.000	0.127	0.122	0.057	0.024	0.007	0.000	0.000	0.337
24	0.381	0.308	0.227	0.269	0.190	0.000	0.000	0.256	0.353	0.251	0.089	0.038	0.013	0.000	0.098	0.124	0.071	0.034	0.010	0.000	0.000	0.336
25	0.370	0.343	0.306	0.368	0.282	0.247	0.303	0.159	0.327	0.304	0.127	0.061	0.023	0.000	0.059	0.122	0.112	0.067	0.027	0.009	0.001	0.397
26	0.397	0.359	0.303	0.356	0.260	0.221	0.231	0.100	0.263	0.314	0.171	0.101	0.041	0.008	0.040	0.102	0.111	0.081	0.037	0.013	0.003	0.386
27	0.436	0.374	0.300	0.346	0.244	0.197	0.219	0.060	0.201	0.305	0.201	0.145	0.065	0.017	0.026	0.080	0.104	0.087	0.046	0.017	0.006	0.367
28	0.470	0.388	0.299	0.336	0.231	0.179	0.187	0.034	0.147	0.282	0.217	0.187	0.094	0.029	0.016	0.060	0.093	0.089	0.053	0.022	0.007	0.340
29	0.492	0.405	0.300	0.328	0.217	0.166	0.168	0.018	0.103	0.249	0.222	0.222	0.125	0.043	0.009	0.044	0.081	0.086	0.058	0.026	0.009	0.312
30	0.312	0.219	0.286	0.371	0.277	0.221	0.171	0.009	0.068	0.211	0.217	0.250	0.157	0.059	0.003	0.015	0.062	0.092	0.082	0.044	0.014	0.313
31	0.332	0.232	0.285	0.358	0.263	0.204	0.158	0.006	0.056	0.164	0.188	0.260	0.196	0.089	0.002	0.013	0.049	0.076	0.078	0.048	0.018	0.284
32	0.364	0.249	0.288	0.348	0.250	0.191	0.144	0.004	0.045	0.128	0.160	0.258	0.226	0.119	0.002	0.011	0.039	0.063	0.072	0.050	0.021	0.257
33	0.421	0.269	0.288	0.342	0.235	0.177	0.131	0.003	0.035	0.101	0.136	0.248	0.249	0.148	0.001	0.010	0.031	0.052	0.064	0.050	0.023	0.230
34	0.446	0.286	0.289	0.330	0.220	0.163	0.119	0.002	0.027	0.080	0.115	0.235	0.263	0.176	0.001	0.008	0.024	0.042	0.056	0.047	0.024	0.202
35	0.274	0.053	0.148	0.258	0.204	0.169	0.160	0.001	0.020	0.064	0.097	0.221	0.272	0.199	0.000	0.001	0.009	0.026	0.048	0.050	0.036	0.171
36	0.307	0.057	0.150	0.248	0.191	0.156	0.146	0.001	0.019	0.055	0.080	0.200	0.270	0.213	0.000	0.001	0.008	0.021	0.040	0.045	0.034	0.150
37	0.315	0.062	0.151	0.236	0.178	0.143	0.131	0.000	0.018	0.048	0.068	0.181	0.265	0.224	0.000	0.001	0.007	0.017	0.034	0.040	0.032	0.131
38	0.253	0.066	0.149	0.227	0.166	0.129	0.117	0.000	0.017	0.042	0.058	0.164	0.258	0.232	0.000	0.001	0.006	0.014	0.028	0.035	0.029	0.114
39	0.233	0.072	0.148	0.216	0.154	0.117	0.104	0.000	0.016	0.036	0.051	0.149	0.251	0.238	0.000	0.001	0.005	0.012	0.024	0.031	0.026	0.099
40	0.310	0.079	0.143	0.200	0.139	0.101	0.088	0.000	0.015	0.032	0.045	0.137	0.245	0.243	0.000	0.001	0.005	0.009	0.020	0.026	0.022	0.083
41	0.397	0.085	0.134	0.179	0.118	0.079	0.067	0.000	0.014	0.029	0.040	0.127	0.239	0.246	0.000	0.001	0.004	0.007	0.015	0.019	0.017	0.065
42	0.000	0.088	0.126	0.152	0.090	0.057	0.046	0.000	0.013	0.026	0.036	0.119	0.235	0.248	0.000	0.001	0.003	0.006	0.011	0.014	0.012	0.046
43	0.000	0.095	0.114	0.133	0.063	0.035	0.030	0.000	0.011	0.024	0.034	0.114	0.232	0.250	0.000	0.001	0.003	0.005	0.007	0.008	0.008	0.032
44	0.000	0.096	0.106	0.125	0.046	0.024	0.018	0.000	0.010	0.022	0.032	0.111	0.231	0.251	0.000	0.001	0.002	0.004	0.005	0.006	0.004	0.023
45	0.000	0.097	0.107	0.110	0.037	0.020	0.015	0.000	0.009	0.021	0.030	0.110	0.231	0.252	0.000	0.001	0.002	0.003	0.004	0.005	0.004	0.019
46	0.000	0.105	0.098	0.091	0.031	0.017	0.012	0.000	0.008	0.019	0.029	0.109	0.230	0.253	0.000	0.001	0.002	0.003	0.003	0.004	0.003	0.016
47	0.000	0.111	0.104	0.076	0.026	0.015	0.011	0.000	0.008	0.018	0.028	0.109	0.230	0.254	0.000	0.001	0.002	0.002	0.003	0.004	0.003	0.014
48	0.000	0.123	0.000	0.070	0.020	0.014	0.010	0.000	0.007	0.017	0.028	0.108	0.229	0.254	0.000	0.001	0.000	0.002	0.002	0.003	0.003	0.011
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.018	0.026	0.108	0.228	0.255	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
								1.000	0.994	0.976	0.950	0.843	0.615	0.360								5.737

Event Year 2

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.068	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.105	0.000	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.021	0.119	0.000	0.000	0.000	0.000	0.000	0.993	0.007	0.001	0.000	0.000	0.000	0.000	0.021	0.002	0.000	0.000	0.000	0.000	0.000	0.023
18	0.051	0.128	0.000	0.000	0.000	0.000	0.000	0.972	0.026	0.003	0.000	0.000	0.000	0.000	0.049	0.006	0.000	0.000	0.000	0.000	0.000	0.056
19	0.095	0.137	0.000	0.000	0.000	0.000	0.000	0.922	0.069	0.009	0.000	0.000	0.000	0.000	0.087	0.015	0.000	0.000	0.000	0.000	0.000	0.103
20	0.174	0.247	0.235	0.353	0.295	0.000	0.000	0.835	0.141	0.024	0.000	0.000	0.000	0.000	0.145	0.053	0.012	0.002	0.000	0.000	0.000	0.212
21	0.225	0.259	0.231	0.315	0.269	0.000	0.000	0.690	0.233	0.065	0.010	0.002	0.000	0.000	0.155	0.080	0.024	0.007	0.001	0.000	0.000	0.268
22	0.276	0.271	0.226	0.315	0.225	0.000	0.000	0.534	0.308	0.121	0.027	0.007	0.002	0.000	0.147	0.104	0.039	0.015	0.003	0.000	0.000	0.308
23	0.325	0.284	0.223	0.299	0.219	0.000	0.000	0.387	0.352	0.186	0.052	0.019	0.005	0.000	0.126	0.118	0.054	0.024	0.007	0.000	0.000	0.328
24	0.374	0.296	0.219	0.284	0.196	0.000	0.000	0.261	0.360	0.249	0.083	0.036	0.012	0.000	0.098	0.121	0.068	0.033	0.010	0.000	0.000	0.330
25	0.380	0.318	0.292	0.390	0.310	0.232	0.229	0.164	0.337	0.302	0.117	0.058	0.022	0.000	0.062	0.117	0.105	0.066	0.028	0.008	0.001	0.389
26	0.408	0.334	0.289	0.378	0.287	0.207	0.170	0.101	0.282	0.314	0.156	0.096	0.042	0.007	0.041	0.101	0.105	0.079	0.039	0.013	0.002	0.380
27	0.446	0.348	0.286	0.367	0.270	0.184	0.161	0.060	0.222	0.309	0.183	0.136	0.068	0.018	0.027	0.082	0.100	0.085	0.048	0.017	0.004	0.364
28	0.480	0.361	0.285	0.356	0.256	0.167	0.136	0.033	0.167	0.291	0.198	0.173	0.099	0.031	0.016	0.063	0.092	0.087	0.055	0.021	0.006	0.341
29	0.502	0.379	0.286	0.348	0.241	0.155	0.121	0.017	0.120	0.262	0.203	0.205	0.134	0.046	0.009	0.047	0.082	0.085	0.060	0.025	0.007	0.314
30	0.315	0.234	0.280	0.374	0.270	0.193	0.162	0.009	0.082	0.227	0.200	0.230	0.168	0.064	0.003	0.019	0.066	0.087	0.074	0.040	0.014	0.303
31	0.334	0.248	0.279	0.361	0.256	0.178	0.150	0.006	0.065	0.181	0.179	0.243	0.202	0.090	0.002	0.016	0.053	0.074	0.072	0.042	0.017	0.276
32	0.366	0.265	0.282	0.351	0.244	0.166	0.136	0.004	0.050	0.144	0.157	0.245	0.232	0.116	0.001	0.014	0.043	0.063	0.067	0.044	0.019	0.251
33	0.424	0.285	0.282	0.345	0.229	0.154	0.124	0.002	0.038	0.115	0.137	0.241	0.255	0.141	0.001	0.011	0.034	0.053	0.061	0.044	0.020	0.225
34	0.449	0.304	0.283	0.333	0.214	0.141	0.112	0.001	0.028	0.092	0.118	0.233	0.273	0.165	0.001	0.009	0.027	0.044	0.055	0.042	0.021	0.198
35	0.141	0.047	0.110	0.234	0.188	0.157	0.135	0.001	0.020	0.074	0.102	0.222	0.285	0.186	0.000	0.001	0.008	0.025	0.044	0.048	0.028	0.155
36	0.162	0.050	0.112	0.225	0.176	0.145	0.123	0.001	0.019	0.066	0.085	0.203	0.281	0.206	0.000	0.001	0.007	0.020	0.037	0.043	0.028	0.137
37	0.169	0.054	0.113	0.213	0.165	0.133	0.110	0.001	0.019	0.060	0.072	0.185	0.275	0.222	0.000	0.001	0.007	0.016	0.032	0.039	0.026	0.121
38	0.139	0.057	0.111	0.205	0.153	0.120	0.098	0.000	0.018	0.054	0.063	0.170	0.268	0.234	0.000	0.001	0.006	0.014	0.027	0.034	0.025	0.106
39	0.128	0.063	0.110	0.195	0.142	0.108	0.086	0.000	0.017	0.049	0.056	0.156	0.261	0.243	0.000	0.001	0.005	0.011	0.023	0.030	0.022	0.093
40	0.177	0.069	0.106	0.180	0.127	0.093	0.073	0.000	0.016	0.045	0.050	0.144	0.255	0.250	0.000	0.001	0.005	0.009	0.019	0.025	0.019	0.078
41	0.236	0.075	0.099	0.161	0.109	0.073	0.056	0.000	0.015	0.041	0.045	0.135	0.249	0.256	0.000	0.001	0.004	0.008	0.015	0.019	0.015	0.061
42	0.000	0.077	0.093	0.136	0.082	0.052	0.038	0.000	0.014	0.038	0.042	0.127	0.245	0.260	0.000	0.001	0.004	0.006	0.011	0.013	0.010	0.044
43	0.000	0.083	0.084	0.119	0.058	0.032	0.025	0.000	0.013	0.035	0.039	0.123	0.243	0.263	0.000	0.001	0.003	0.005	0.007	0.008	0.007	0.031
44	0.000	0.084	0.077	0.112	0.042	0.022	0.014	0.000	0.012	0.033	0.038	0.120	0.242	0.264	0.000	0.001	0.003	0.004	0.005	0.005	0.004	0.022
45	0.000	0.085	0.079	0.098	0.034	0.018	0.012	0.000	0.011	0.032	0.036	0.119	0.242	0.266	0.000	0.001	0.003	0.004	0.004	0.004	0.003	0.019
46	0.000	0.093	0.072	0.081	0.028	0.016	0.010	0.000	0.010	0.030	0.035	0.119	0.242	0.267	0.000	0.001	0.002	0.003	0.003	0.004	0.003	0.016
47	0.000	0.098	0.076	0.067	0.024	0.014	0.009	0.000	0.009	0.029	0.034	0.119	0.241	0.268	0.000	0.001	0.002	0.002	0.003	0.003	0.003	0.014
48	0.000	0.108	0.000	0.062	0.018	0.013	0.009	0.000	0.008	0.027	0.034	0.118	0.241	0.269	0.000	0.001	0.000	0.002	0.002	0.003	0.002	0.011
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.028	0.032	0.118	0.240	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.993	0.964	0.933	0.815	0.575	0.305	5.585

Event Year 3

Age	Hazard Function q_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Survival Function l_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Probability of Birth d_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Fertiliy Rates
15	0.001	0.077	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.118	0.163	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.006
17	0.020	0.133	0.240	0.000	0.000	0.000	0.000	0.993	0.007	0.001	0.000	0.000	0.000	0.000	0.020	0.002	0.000	0.000	0.000	0.000	0.000	0.023
18	0.049	0.142	0.272	0.000	0.000	0.000	0.000	0.973	0.025	0.002	0.000	0.000	0.000	0.000	0.048	0.007	0.002	0.000	0.000	0.000	0.000	0.056
19	0.092	0.153	0.268	0.000	0.000	0.000	0.000	0.925	0.066	0.008	0.002	0.000	0.000	0.000	0.085	0.017	0.004	0.000	0.000	0.000	0.000	0.106
20	0.174	0.240	0.230	0.404	0.343	0.000	0.000	0.840	0.134	0.020	0.006	0.000	0.000	0.000	0.146	0.050	0.010	0.005	0.001	0.000	0.000	0.211
21	0.225	0.252	0.226	0.364	0.313	0.000	0.000	0.694	0.230	0.059	0.012	0.004	0.001	0.000	0.156	0.078	0.022	0.008	0.003	0.000	0.000	0.267
22	0.275	0.264	0.221	0.364	0.265	0.000	0.000	0.538	0.309	0.115	0.026	0.010	0.003	0.000	0.148	0.101	0.036	0.016	0.005	0.000	0.000	0.306
23	0.324	0.276	0.218	0.346	0.258	0.526	0.000	0.390	0.356	0.179	0.046	0.021	0.008	0.000	0.126	0.116	0.052	0.025	0.009	0.006	0.000	0.334
24	0.373	0.288	0.214	0.331	0.232	0.544	0.000	0.264	0.366	0.243	0.073	0.037	0.010	0.006	0.098	0.120	0.065	0.035	0.013	0.009	0.000	0.339
25	0.377	0.293	0.284	0.427	0.318	0.245	0.204	0.165	0.345	0.298	0.103	0.059	0.014	0.015	0.062	0.110	0.100	0.065	0.029	0.007	0.004	0.378
26	0.404	0.308	0.280	0.415	0.294	0.219	0.150	0.103	0.297	0.308	0.138	0.096	0.036	0.019	0.042	0.098	0.100	0.078	0.040	0.012	0.004	0.373
27	0.442	0.322	0.278	0.403	0.277	0.195	0.142	0.061	0.241	0.306	0.160	0.134	0.063	0.027	0.027	0.082	0.096	0.084	0.049	0.017	0.005	0.360
28	0.477	0.335	0.277	0.393	0.263	0.178	0.120	0.034	0.186	0.291	0.172	0.169	0.095	0.039	0.016	0.065	0.090	0.085	0.056	0.022	0.006	0.340
29	0.499	0.351	0.278	0.384	0.247	0.164	0.106	0.018	0.137	0.267	0.177	0.199	0.129	0.055	0.009	0.050	0.081	0.083	0.059	0.026	0.007	0.316
30	0.324	0.225	0.233	0.385	0.289	0.190	0.153	0.009	0.096	0.235	0.174	0.223	0.162	0.074	0.003	0.022	0.057	0.078	0.076	0.038	0.014	0.289
31	0.344	0.238	0.233	0.372	0.275	0.175	0.141	0.006	0.077	0.200	0.154	0.225	0.200	0.098	0.002	0.019	0.049	0.066	0.071	0.041	0.017	0.264
32	0.376	0.255	0.235	0.362	0.261	0.163	0.129	0.004	0.061	0.170	0.136	0.220	0.230	0.122	0.002	0.016	0.042	0.057	0.065	0.043	0.018	0.242
33	0.435	0.275	0.235	0.356	0.246	0.151	0.116	0.002	0.047	0.144	0.121	0.212	0.252	0.146	0.001	0.013	0.035	0.049	0.058	0.042	0.020	0.219
34	0.460	0.293	0.236	0.344	0.231	0.138	0.106	0.001	0.035	0.121	0.107	0.203	0.268	0.169	0.001	0.010	0.030	0.042	0.052	0.041	0.020	0.195
35	0.297	0.034	0.112	0.229	0.196	0.136	0.125	0.001	0.025	0.102	0.095	0.193	0.279	0.190	0.000	0.001	0.011	0.023	0.040	0.041	0.026	0.143
36	0.331	0.037	0.113	0.220	0.184	0.125	0.113	0.001	0.024	0.091	0.083	0.176	0.279	0.204	0.000	0.001	0.010	0.019	0.034	0.037	0.025	0.127
37	0.338	0.040	0.115	0.208	0.172	0.114	0.101	0.000	0.024	0.082	0.074	0.162	0.276	0.216	0.000	0.001	0.009	0.016	0.029	0.033	0.024	0.113
38	0.271	0.042	0.113	0.200	0.160	0.103	0.090	0.000	0.023	0.073	0.067	0.149	0.272	0.226	0.000	0.001	0.008	0.014	0.025	0.029	0.022	0.100
39	0.250	0.046	0.112	0.190	0.148	0.093	0.079	0.000	0.022	0.066	0.061	0.138	0.267	0.233	0.000	0.001	0.007	0.012	0.021	0.026	0.020	0.088
40	0.330	0.051	0.108	0.175	0.133	0.080	0.067	0.000	0.021	0.059	0.056	0.129	0.263	0.240	0.000	0.001	0.006	0.010	0.018	0.022	0.017	0.074
41	0.421	0.055	0.101	0.157	0.114	0.062	0.051	0.000	0.020	0.054	0.052	0.122	0.259	0.244	0.000	0.001	0.006	0.009	0.014	0.017	0.013	0.059
42	0.000	0.057	0.094	0.132	0.086	0.044	0.034	0.000	0.019	0.050	0.049	0.116	0.257	0.248	0.000	0.001	0.005	0.007	0.010	0.012	0.009	0.043
43	0.000	0.062	0.086	0.115	0.061	0.027	0.022	0.000	0.018	0.046	0.047	0.113	0.256	0.251	0.000	0.001	0.004	0.006	0.007	0.007	0.006	0.030
44	0.000	0.062	0.079	0.109	0.044	0.019	0.013	0.000	0.017	0.043	0.046	0.111	0.256	0.252	0.000	0.001	0.003	0.005	0.005	0.005	0.003	0.023
45	0.000	0.063	0.080	0.095	0.035	0.015	0.011	0.000	0.016	0.041	0.044	0.111	0.256	0.254	0.000	0.001	0.003	0.004	0.004	0.004	0.003	0.019
46	0.000	0.069	0.073	0.078	0.030	0.013	0.009	0.000	0.015	0.038	0.043	0.112	0.256	0.255	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.017
47	0.000	0.073	0.078	0.065	0.025	0.012	0.009	0.000	0.014	0.037	0.042	0.112	0.256	0.256	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.015
48	0.000	0.081	0.000	0.060	0.019	0.011	0.008	0.000	0.013	0.035	0.042	0.112	0.256	0.257	0.000	0.001	0.000	0.003	0.002	0.003	0.002	0.010
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.036	0.040	0.112	0.255	0.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.988	0.953	0.913	0.801	0.546	0.288	5.488

Event Year 4

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.066	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.102	0.084	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.020	0.116	0.130	0.000	0.000	0.000	0.000	0.993	0.007	0.000	0.000	0.000	0.000	0.000	0.020	0.002	0.000	0.000	0.000	0.000	0.000	0.022
18	0.049	0.124	0.150	0.000	0.000	0.000	0.000	0.973	0.025	0.002	0.000	0.000	0.000	0.000	0.047	0.006	0.001	0.000	0.000	0.000	0.000	0.054
19	0.091	0.133	0.146	0.000	0.000	0.000	0.000	0.925	0.066	0.007	0.001	0.000	0.000	0.000	0.084	0.014	0.002	0.000	0.000	0.000	0.000	0.101
20	0.178	0.227	0.240	0.460	0.449	0.000	0.000	0.841	0.136	0.020	0.003	0.000	0.000	0.000	0.150	0.048	0.011	0.004	0.001	0.000	0.000	0.213
21	0.230	0.239	0.236	0.418	0.414	0.000	0.000	0.691	0.238	0.057	0.010	0.003	0.001	0.000	0.159	0.076	0.022	0.009	0.003	0.000	0.000	0.269
22	0.282	0.251	0.231	0.418	0.359	0.000	0.000	0.532	0.321	0.111	0.023	0.009	0.004	0.000	0.150	0.099	0.037	0.018	0.006	0.000	0.000	0.310
23	0.331	0.263	0.227	0.399	0.350	0.000	0.000	0.382	0.372	0.173	0.043	0.020	0.010	0.000	0.127	0.114	0.052	0.028	0.012	0.000	0.000	0.333
24	0.381	0.274	0.224	0.382	0.319	0.000	0.000	0.255	0.384	0.235	0.068	0.036	0.022	0.000	0.097	0.119	0.066	0.038	0.018	0.000	0.000	0.338
25	0.398	0.278	0.268	0.450	0.355	0.221	0.259	0.158	0.363	0.288	0.095	0.057	0.040	0.000	0.063	0.110	0.092	0.063	0.031	0.012	0.002	0.373
26	0.426	0.292	0.265	0.438	0.330	0.197	0.195	0.095	0.316	0.306	0.123	0.089	0.059	0.011	0.041	0.098	0.094	0.075	0.042	0.016	0.004	0.368
27	0.465	0.306	0.262	0.426	0.312	0.175	0.184	0.055	0.258	0.310	0.143	0.122	0.085	0.023	0.025	0.083	0.092	0.081	0.050	0.019	0.006	0.357
28	0.499	0.318	0.261	0.415	0.297	0.159	0.156	0.029	0.201	0.301	0.155	0.152	0.116	0.036	0.015	0.066	0.087	0.082	0.057	0.023	0.007	0.338
29	0.520	0.335	0.262	0.406	0.280	0.147	0.140	0.015	0.149	0.280	0.160	0.177	0.150	0.052	0.008	0.051	0.080	0.081	0.061	0.027	0.009	0.316
30	0.333	0.220	0.227	0.404	0.311	0.190	0.146	0.007	0.106	0.251	0.159	0.197	0.184	0.069	0.002	0.023	0.060	0.076	0.073	0.042	0.013	0.290
31	0.352	0.233	0.226	0.390	0.296	0.175	0.134	0.005	0.084	0.215	0.142	0.200	0.215	0.098	0.002	0.020	0.051	0.065	0.069	0.044	0.016	0.267
32	0.385	0.249	0.229	0.380	0.282	0.163	0.122	0.003	0.066	0.184	0.128	0.197	0.241	0.126	0.001	0.017	0.044	0.057	0.063	0.044	0.018	0.245
33	0.444	0.269	0.229	0.374	0.266	0.151	0.110	0.002	0.051	0.156	0.115	0.190	0.260	0.152	0.001	0.014	0.037	0.050	0.057	0.044	0.019	0.222
34	0.469	0.287	0.230	0.362	0.250	0.139	0.100	0.001	0.038	0.133	0.102	0.183	0.273	0.176	0.000	0.011	0.032	0.043	0.051	0.041	0.020	0.198
35	0.391	0.038	0.095	0.236	0.213	0.140	0.112	0.001	0.027	0.112	0.091	0.174	0.283	0.198	0.000	0.001	0.011	0.023	0.040	0.042	0.025	0.141
36	0.429	0.041	0.097	0.227	0.200	0.129	0.102	0.000	0.027	0.102	0.079	0.158	0.280	0.216	0.000	0.001	0.010	0.019	0.033	0.038	0.024	0.126
37	0.432	0.044	0.098	0.215	0.187	0.118	0.090	0.000	0.026	0.093	0.070	0.143	0.275	0.230	0.000	0.001	0.009	0.016	0.028	0.034	0.022	0.111
38	0.342	0.047	0.096	0.207	0.174	0.106	0.081	0.000	0.025	0.085	0.063	0.131	0.269	0.242	0.000	0.001	0.008	0.014	0.024	0.030	0.021	0.098
39	0.314	0.051	0.095	0.196	0.162	0.096	0.071	0.000	0.023	0.078	0.057	0.121	0.264	0.251	0.000	0.001	0.007	0.012	0.021	0.026	0.019	0.086
40	0.408	0.057	0.092	0.182	0.146	0.082	0.060	0.000	0.022	0.072	0.053	0.112	0.258	0.258	0.000	0.001	0.007	0.010	0.017	0.022	0.016	0.073
41	0.507	0.061	0.086	0.162	0.125	0.064	0.045	0.000	0.021	0.067	0.049	0.105	0.253	0.264	0.000	0.001	0.006	0.008	0.014	0.017	0.012	0.058
42	0.001	0.063	0.080	0.137	0.095	0.046	0.031	0.000	0.020	0.062	0.047	0.100	0.250	0.268	0.000	0.001	0.005	0.007	0.010	0.012	0.008	0.043
43	0.000	0.068	0.073	0.120	0.067	0.028	0.020	0.000	0.018	0.058	0.045	0.097	0.248	0.272	0.000	0.001	0.004	0.006	0.007	0.007	0.005	0.030
44	0.000	0.069	0.067	0.113	0.048	0.019	0.012	0.000	0.017	0.055	0.044	0.096	0.248	0.273	0.000	0.001	0.004	0.005	0.005	0.005	0.003	0.023
45	0.000	0.070	0.068	0.099	0.039	0.016	0.010	0.000	0.016	0.053	0.042	0.096	0.248	0.275	0.000	0.001	0.004	0.004	0.004	0.004	0.003	0.020
46	0.000	0.076	0.062	0.082	0.033	0.014	0.008	0.000	0.015	0.050	0.041	0.097	0.248	0.276	0.000	0.001	0.003	0.004	0.003	0.003	0.002	0.017
47	0.000	0.080	0.066	0.068	0.028	0.012	0.008	0.000	0.014	0.048	0.041	0.097	0.248	0.277	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.015
48	0.000	0.089	0.000	0.063	0.021	0.011	0.007	0.000	0.013	0.046	0.041	0.097	0.247	0.278	0.000	0.001	0.000	0.003	0.002	0.003	0.002	0.010
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.047	0.039	0.098	0.247	0.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
								1.000	0.988	0.941	0.902	0.804	0.558	0.279								5.473

Event Year 5

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.074	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.114	0.056	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.020	0.129	0.089	0.000	0.000	0.000	0.000	0.993	0.007	0.001	0.000	0.000	0.000	0.000	0.020	0.002	0.000	0.000	0.000	0.000	0.000	0.023
18	0.049	0.138	0.103	0.000	0.000	0.000	0.000	0.973	0.025	0.003	0.000	0.000	0.000	0.000	0.048	0.007	0.001	0.000	0.000	0.000	0.000	0.055
19	0.092	0.148	0.101	0.000	0.000	0.000	0.000	0.925	0.066	0.009	0.001	0.000	0.000	0.000	0.085	0.016	0.002	0.000	0.000	0.000	0.000	0.103
20	0.177	0.206	0.232	0.462	0.322	0.000	0.000	0.840	0.135	0.023	0.002	0.000	0.000	0.000	0.149	0.043	0.010	0.004	0.001	0.000	0.000	0.206
21	0.229	0.216	0.228	0.420	0.294	0.000	0.000	0.691	0.240	0.056	0.009	0.003	0.001	0.000	0.158	0.069	0.021	0.008	0.002	0.000	0.000	0.258
22	0.280	0.228	0.222	0.420	0.248	0.000	0.000	0.533	0.329	0.104	0.022	0.009	0.003	0.000	0.149	0.092	0.033	0.016	0.004	0.000	0.000	0.295
23	0.329	0.239	0.219	0.402	0.241	0.226	0.000	0.384	0.387	0.163	0.039	0.021	0.007	0.000	0.126	0.107	0.047	0.025	0.008	0.002	0.000	0.317
24	0.379	0.250	0.215	0.385	0.217	0.240	0.000	0.257	0.406	0.223	0.061	0.038	0.013	0.002	0.098	0.113	0.060	0.035	0.012	0.004	0.000	0.323
25	0.410	0.263	0.266	0.501	0.410	0.259	0.153	0.160	0.390	0.276	0.086	0.061	0.020	0.007	0.066	0.111	0.088	0.065	0.038	0.010	0.002	0.381
26	0.438	0.277	0.263	0.488	0.383	0.232	0.110	0.094	0.344	0.299	0.109	0.088	0.048	0.015	0.041	0.101	0.092	0.076	0.048	0.017	0.003	0.377
27	0.477	0.290	0.260	0.476	0.363	0.207	0.104	0.053	0.284	0.308	0.125	0.115	0.080	0.029	0.025	0.086	0.091	0.081	0.057	0.022	0.004	0.367
28	0.511	0.302	0.259	0.465	0.347	0.188	0.087	0.028	0.224	0.303	0.135	0.140	0.114	0.048	0.014	0.070	0.088	0.083	0.063	0.027	0.005	0.350
29	0.532	0.318	0.260	0.456	0.329	0.175	0.077	0.014	0.168	0.285	0.140	0.160	0.150	0.070	0.007	0.055	0.081	0.082	0.066	0.032	0.007	0.330
30	0.395	0.218	0.236	0.435	0.330	0.200	0.143	0.006	0.121	0.258	0.139	0.176	0.184	0.095	0.002	0.027	0.064	0.074	0.070	0.044	0.017	0.298
31	0.413	0.231	0.235	0.421	0.315	0.184	0.132	0.004	0.097	0.221	0.129	0.180	0.211	0.122	0.002	0.023	0.055	0.066	0.067	0.045	0.019	0.275
32	0.448	0.247	0.237	0.411	0.300	0.172	0.120	0.002	0.076	0.189	0.117	0.179	0.233	0.148	0.001	0.019	0.047	0.058	0.062	0.045	0.020	0.253
33	0.512	0.267	0.238	0.404	0.284	0.159	0.109	0.001	0.058	0.161	0.107	0.174	0.250	0.173	0.001	0.016	0.040	0.051	0.057	0.044	0.021	0.230
34	0.537	0.285	0.239	0.392	0.267	0.146	0.098	0.001	0.043	0.136	0.095	0.169	0.262	0.196	0.000	0.012	0.034	0.044	0.051	0.042	0.021	0.205
35	0.333	0.032	0.093	0.247	0.204	0.121	0.105	0.000	0.031	0.114	0.085	0.162	0.271	0.217	0.000	0.001	0.011	0.022	0.035	0.035	0.025	0.129
36	0.369	0.034	0.094	0.238	0.191	0.111	0.095	0.000	0.030	0.105	0.074	0.149	0.271	0.227	0.000	0.001	0.010	0.019	0.030	0.032	0.023	0.115
37	0.375	0.036	0.095	0.225	0.179	0.102	0.085	0.000	0.029	0.096	0.065	0.138	0.270	0.236	0.000	0.001	0.009	0.016	0.026	0.029	0.021	0.102
38	0.299	0.039	0.094	0.217	0.166	0.091	0.075	0.000	0.028	0.088	0.058	0.127	0.267	0.243	0.000	0.001	0.008	0.014	0.022	0.025	0.019	0.090
39	0.275	0.043	0.093	0.206	0.154	0.082	0.066	0.000	0.027	0.081	0.053	0.119	0.264	0.249	0.000	0.001	0.008	0.012	0.019	0.022	0.017	0.079
40	0.361	0.047	0.089	0.191	0.139	0.070	0.056	0.000	0.026	0.074	0.049	0.111	0.261	0.255	0.000	0.001	0.007	0.010	0.016	0.019	0.015	0.068
41	0.456	0.051	0.084	0.171	0.118	0.055	0.042	0.000	0.025	0.069	0.046	0.105	0.258	0.259	0.000	0.001	0.006	0.008	0.013	0.014	0.011	0.054
42	0.000	0.053	0.078	0.145	0.090	0.039	0.028	0.000	0.023	0.064	0.043	0.100	0.256	0.262	0.000	0.001	0.005	0.007	0.009	0.010	0.008	0.040
43	0.000	0.057	0.071	0.126	0.063	0.024	0.018	0.000	0.022	0.060	0.042	0.098	0.255	0.265	0.000	0.001	0.004	0.006	0.006	0.006	0.005	0.029
44	0.000	0.057	0.065	0.119	0.046	0.016	0.011	0.000	0.021	0.057	0.040	0.097	0.256	0.266	0.000	0.001	0.004	0.005	0.005	0.004	0.003	0.022
45	0.000	0.058	0.066	0.105	0.037	0.013	0.009	0.000	0.020	0.055	0.039	0.097	0.256	0.267	0.000	0.001	0.004	0.004	0.004	0.003	0.002	0.019
46	0.000	0.063	0.060	0.086	0.031	0.012	0.008	0.000	0.019	0.052	0.038	0.098	0.256	0.268	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.016
47	0.000	0.067	0.064	0.072	0.026	0.010	0.007	0.000	0.017	0.050	0.038	0.098	0.256	0.269	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.014
48	0.000	0.075	0.000	0.066	0.020	0.009	0.006	0.000	0.016	0.048	0.039	0.098	0.256	0.270	0.000	0.001	0.000	0.003	0.002	0.002	0.002	0.010
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.049	0.036	0.099	0.256	0.271	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.985	0.936	0.900	0.800	0.545	0.274	5.439

Event Year 6

Age	Hazard Function q_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Survival Function l_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Probability of Birth d_x Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Fertiliy Rates
15	0.001	0.043	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.067	0.000	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.021	0.076	0.000	0.000	0.000	0.000	0.000	0.993	0.007	0.000	0.000	0.000	0.000	0.000	0.020	0.001	0.000	0.000	0.000	0.000	0.000	0.022
18	0.050	0.082	0.000	0.000	0.000	0.000	0.000	0.972	0.026	0.002	0.000	0.000	0.000	0.000	0.048	0.004	0.000	0.000	0.000	0.000	0.000	0.052
19	0.093	0.088	0.000	1.000	0.000	0.000	0.000	0.924	0.070	0.006	0.000	0.000	0.000	0.000	0.086	0.010	0.000	0.000	0.000	0.000	0.000	0.096
20	0.179	0.195	0.245	0.571	0.476	0.000	0.000	0.838	0.146	0.016	0.000	0.000	0.000	0.000	0.150	0.043	0.009	0.003	0.001	0.000	0.000	0.205
21	0.231	0.205	0.241	0.529	0.441	0.000	0.000	0.689	0.253	0.050	0.007	0.002	0.001	0.000	0.159	0.068	0.020	0.009	0.003	0.000	0.000	0.259
22	0.282	0.216	0.235	0.529	0.385	0.000	0.000	0.530	0.344	0.098	0.018	0.008	0.003	0.000	0.150	0.090	0.034	0.018	0.007	0.000	0.000	0.298
23	0.332	0.227	0.232	0.509	0.376	0.000	0.000	0.380	0.403	0.154	0.033	0.020	0.010	0.000	0.126	0.106	0.048	0.029	0.013	0.000	0.000	0.322
24	0.382	0.237	0.228	0.492	0.343	0.000	0.000	0.254	0.424	0.212	0.052	0.036	0.023	0.000	0.097	0.112	0.061	0.041	0.019	0.000	0.000	0.330
25	0.444	0.257	0.259	0.539	0.395	0.246	0.149	0.157	0.409	0.263	0.072	0.057	0.042	0.000	0.070	0.114	0.083	0.061	0.035	0.015	0.001	0.379
26	0.472	0.271	0.256	0.526	0.369	0.220	0.107	0.087	0.364	0.294	0.094	0.084	0.062	0.014	0.041	0.104	0.089	0.073	0.044	0.019	0.002	0.372
27	0.511	0.284	0.253	0.515	0.349	0.196	0.101	0.046	0.301	0.310	0.110	0.112	0.088	0.030	0.024	0.089	0.090	0.080	0.053	0.022	0.004	0.361
28	0.545	0.296	0.253	0.503	0.333	0.178	0.085	0.022	0.236	0.309	0.120	0.139	0.119	0.048	0.012	0.072	0.087	0.082	0.060	0.026	0.005	0.345
29	0.565	0.312	0.254	0.494	0.315	0.165	0.075	0.010	0.177	0.293	0.125	0.161	0.152	0.069	0.006	0.056	0.081	0.082	0.064	0.030	0.006	0.325
30	0.414	0.220	0.224	0.460	0.327	0.166	0.153	0.004	0.126	0.268	0.124	0.179	0.185	0.093	0.002	0.028	0.063	0.072	0.070	0.037	0.017	0.289
31	0.432	0.233	0.223	0.446	0.312	0.153	0.140	0.003	0.100	0.233	0.116	0.181	0.219	0.113	0.001	0.024	0.055	0.064	0.066	0.039	0.019	0.266
32	0.467	0.250	0.226	0.435	0.297	0.142	0.128	0.001	0.078	0.202	0.107	0.178	0.247	0.133	0.001	0.020	0.048	0.057	0.061	0.039	0.020	0.245
33	0.533	0.270	0.226	0.429	0.281	0.131	0.116	0.001	0.059	0.174	0.097	0.173	0.269	0.153	0.000	0.016	0.041	0.051	0.056	0.039	0.020	0.223
34	0.557	0.288	0.227	0.416	0.264	0.120	0.105	0.000	0.043	0.148	0.088	0.168	0.286	0.172	0.000	0.013	0.035	0.044	0.050	0.037	0.020	0.199
35	0.386	0.027	0.083	0.262	0.194	0.118	0.104	0.000	0.031	0.126	0.079	0.162	0.299	0.189	0.000	0.001	0.010	0.022	0.033	0.037	0.022	0.126
36	0.424	0.029	0.084	0.252	0.181	0.108	0.094	0.000	0.030	0.116	0.067	0.150	0.295	0.205	0.000	0.001	0.010	0.018	0.029	0.033	0.021	0.112
37	0.427	0.031	0.085	0.239	0.170	0.099	0.084	0.000	0.030	0.107	0.059	0.140	0.290	0.217	0.000	0.001	0.009	0.015	0.025	0.030	0.019	0.100
38	0.339	0.033	0.083	0.231	0.158	0.089	0.075	0.000	0.029	0.099	0.053	0.130	0.285	0.228	0.000	0.001	0.008	0.013	0.022	0.026	0.018	0.088
39	0.311	0.037	0.083	0.219	0.146	0.080	0.065	0.000	0.028	0.092	0.048	0.122	0.281	0.236	0.000	0.001	0.008	0.011	0.019	0.023	0.016	0.078
40	0.404	0.040	0.080	0.203	0.131	0.068	0.055	0.000	0.027	0.085	0.044	0.114	0.276	0.243	0.000	0.001	0.007	0.010	0.016	0.019	0.014	0.067
41	0.502	0.044	0.075	0.182	0.112	0.053	0.042	0.000	0.026	0.079	0.041	0.108	0.272	0.249	0.000	0.001	0.006	0.008	0.013	0.015	0.011	0.053
42	0.001	0.045	0.069	0.154	0.085	0.038	0.028	0.000	0.024	0.075	0.039	0.104	0.270	0.253	0.000	0.001	0.005	0.006	0.009	0.010	0.007	0.040
43	0.000	0.049	0.063	0.135	0.060	0.023	0.018	0.000	0.023	0.070	0.038	0.101	0.269	0.256	0.000	0.001	0.004	0.005	0.006	0.006	0.005	0.028
44	0.000	0.049	0.058	0.128	0.043	0.016	0.011	0.000	0.022	0.067	0.037	0.100	0.269	0.257	0.000	0.001	0.004	0.005	0.004	0.004	0.003	0.021
45	0.000	0.050	0.059	0.112	0.035	0.013	0.009	0.000	0.021	0.064	0.036	0.101	0.269	0.259	0.000	0.001	0.004	0.004	0.004	0.004	0.002	0.019
46	0.000	0.054	0.053	0.093	0.029	0.011	0.008	0.000	0.020	0.062	0.036	0.102	0.269	0.260	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.016
47	0.000	0.058	0.057	0.077	0.025	0.010	0.007	0.000	0.019	0.059	0.035	0.102	0.269	0.261	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.014
48	0.000	0.064	0.000	0.071	0.019	0.009	0.006	0.000	0.018	0.057	0.036	0.102	0.269	0.262	0.000	0.001	0.000	0.003	0.002	0.002	0.002	0.010
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.058	0.033	0.103	0.268	0.263	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.983	0.925	0.892	0.789	0.520	0.258	5.366

Event Year 7

Age	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.001	0.073	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
16	0.006	0.112	0.000	0.000	0.000	0.000	0.000	0.999	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
17	0.020	0.127	0.000	0.000	0.000	0.000	0.000	0.993	0.007	0.001	0.000	0.000	0.000	0.000	0.020	0.002	0.000	0.000	0.000	0.000	0.000	0.022
18	0.048	0.135	0.000	0.000	0.000	0.000	0.000	0.973	0.024	0.003	0.000	0.000	0.000	0.000	0.047	0.006	0.000	0.000	0.000	0.000	0.000	0.054
19	0.090	0.145	0.000	0.000	0.000	0.000	0.000	0.926	0.065	0.009	0.000	0.000	0.000	0.000	0.084	0.016	0.000	0.000	0.000	0.000	0.000	0.099
20	0.194	0.179	0.221	0.530	0.615	0.000	0.000	0.842	0.133	0.025	0.000	0.000	0.000	0.000	0.163	0.038	0.010	0.003	0.001	0.000	0.000	0.215
21	0.250	0.189	0.217	0.487	0.578	0.000	0.000	0.679	0.258	0.053	0.007	0.002	0.001	0.000	0.169	0.065	0.019	0.008	0.003	0.000	0.000	0.264
22	0.304	0.199	0.212	0.487	0.521	0.000	0.000	0.510	0.363	0.099	0.018	0.006	0.004	0.000	0.155	0.088	0.030	0.016	0.008	0.000	0.000	0.296
23	0.356	0.209	0.209	0.467	0.511	0.000	0.000	0.355	0.430	0.157	0.032	0.015	0.012	0.000	0.126	0.103	0.043	0.025	0.014	0.000	0.000	0.312
24	0.408	0.219	0.205	0.450	0.475	0.000	0.000	0.228	0.453	0.216	0.050	0.026	0.026	0.000	0.093	0.109	0.056	0.035	0.021	0.000	0.000	0.314
25	0.455	0.232	0.248	0.550	0.383	0.229	0.103	0.135	0.437	0.270	0.071	0.040	0.046	0.000	0.062	0.109	0.080	0.061	0.027	0.014	0.001	0.353
26	0.483	0.245	0.245	0.537	0.357	0.204	0.073	0.074	0.390	0.298	0.090	0.074	0.060	0.013	0.036	0.100	0.085	0.071	0.039	0.016	0.002	0.349
27	0.522	0.257	0.242	0.526	0.338	0.181	0.069	0.038	0.326	0.313	0.104	0.106	0.083	0.028	0.020	0.086	0.086	0.077	0.049	0.019	0.003	0.341
28	0.556	0.268	0.242	0.514	0.322	0.164	0.058	0.018	0.259	0.313	0.113	0.135	0.113	0.045	0.010	0.071	0.084	0.080	0.056	0.023	0.003	0.327
29	0.575	0.283	0.243	0.505	0.305	0.152	0.051	0.008	0.198	0.300	0.117	0.158	0.146	0.065	0.005	0.057	0.080	0.079	0.060	0.027	0.004	0.311
30	0.425	0.233	0.189	0.488	0.338	0.174	0.123	0.003	0.146	0.277	0.118	0.177	0.179	0.087	0.001	0.034	0.055	0.071	0.072	0.037	0.013	0.285
31	0.443	0.246	0.188	0.474	0.323	0.160	0.113	0.002	0.113	0.256	0.102	0.176	0.214	0.112	0.001	0.028	0.051	0.060	0.067	0.040	0.015	0.261
32	0.478	0.263	0.190	0.463	0.308	0.149	0.103	0.001	0.086	0.233	0.092	0.170	0.241	0.136	0.001	0.023	0.046	0.054	0.061	0.040	0.016	0.240
33	0.544	0.284	0.190	0.457	0.291	0.138	0.093	0.001	0.064	0.209	0.085	0.163	0.261	0.161	0.000	0.018	0.042	0.048	0.055	0.040	0.017	0.220
34	0.568	0.302	0.191	0.444	0.274	0.126	0.084	0.000	0.046	0.186	0.078	0.157	0.276	0.184	0.000	0.014	0.037	0.043	0.049	0.038	0.017	0.198
35	0.366	0.029	0.063	0.255	0.206	0.116	0.085	0.000	0.032	0.163	0.072	0.151	0.287	0.205	0.000	0.001	0.010	0.020	0.033	0.035	0.019	0.118
36	0.403	0.031	0.064	0.245	0.193	0.107	0.077	0.000	0.031	0.154	0.063	0.138	0.285	0.221	0.000	0.001	0.010	0.017	0.028	0.032	0.018	0.106
37	0.407	0.034	0.065	0.232	0.180	0.097	0.068	0.000	0.030	0.145	0.056	0.126	0.281	0.235	0.000	0.001	0.009	0.014	0.024	0.029	0.017	0.094
38	0.324	0.036	0.064	0.224	0.168	0.088	0.061	0.000	0.029	0.136	0.051	0.116	0.276	0.246	0.000	0.001	0.009	0.013	0.021	0.025	0.016	0.084
39	0.297	0.039	0.063	0.213	0.156	0.079	0.053	0.000	0.028	0.129	0.048	0.108	0.272	0.256	0.000	0.001	0.008	0.011	0.018	0.022	0.014	0.074
40	0.388	0.043	0.061	0.197	0.140	0.068	0.045	0.000	0.027	0.122	0.045	0.102	0.267	0.264	0.000	0.001	0.007	0.010	0.015	0.019	0.012	0.064
41	0.485	0.047	0.057	0.176	0.120	0.052	0.034	0.000	0.026	0.115	0.043	0.096	0.264	0.270	0.000	0.001	0.007	0.008	0.012	0.014	0.009	0.051
42	0.001	0.048	0.053	0.149	0.091	0.037	0.023	0.000	0.025	0.110	0.041	0.092	0.262	0.275	0.000	0.001	0.006	0.007	0.009	0.010	0.006	0.039
43	0.000	0.052	0.048	0.131	0.064	0.023	0.015	0.000	0.024	0.105	0.040	0.090	0.260	0.278	0.000	0.001	0.005	0.006	0.006	0.006	0.004	0.028
44	0.000	0.053	0.044	0.123	0.046	0.016	0.009	0.000	0.022	0.101	0.040	0.090	0.260	0.280	0.000	0.001	0.004	0.005	0.004	0.004	0.002	0.022
45	0.000	0.054	0.044	0.108	0.038	0.013	0.007	0.000	0.021	0.098	0.039	0.091	0.261	0.282	0.000	0.001	0.004	0.004	0.003	0.003	0.002	0.019
46	0.000	0.058	0.041	0.090	0.031	0.011	0.006	0.000	0.020	0.095	0.039	0.092	0.261	0.283	0.000	0.001	0.004	0.004	0.003	0.003	0.002	0.016
47	0.000	0.062	0.043	0.075	0.026	0.010	0.006	0.000	0.019	0.092	0.039	0.093	0.261	0.284	0.000	0.001	0.004	0.003	0.002	0.003	0.002	0.015
48	0.000	0.069	0.000	0.069	0.020	0.009	0.005	0.000	0.018	0.089	0.040	0.093	0.261	0.286	0.000	0.001	0.000	0.003	0.002	0.002	0.001	0.010
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.091	0.037	0.094	0.260	0.286	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.983	0.893	0.855	0.761	0.501	0.215	5.209

Event Year 8

	Hazard Function q_x							Survival Function l_x							Probability of Birth d_x							Fertiliy Rates
Age	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	
15	0.002	0.035	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
16	0.006	0.055	0.000	0.000	0.000	0.000	0.000	0.998	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.007
17	0.022	0.063	0.000	0.000	0.000	0.000	0.000	0.992	0.008	0.000	0.000	0.000	0.000	0.000	0.022	0.001	0.000	0.000	0.000	0.000	0.000	0.023
18	0.053	0.067	0.000	0.000	0.000	0.000	0.000	0.970	0.028	0.001	0.000	0.000	0.000	0.000	0.051	0.004	0.000	0.000	0.000	0.000	0.000	0.055
19	0.099	0.073	0.000	0.000	0.000	0.000	0.000	0.919	0.076	0.005	0.000	0.000	0.000	0.000	0.091	0.009	0.000	0.000	0.000	0.000	0.000	0.100
20	0.190	0.168	0.223	0.545	0.687	0.000	0.000	0.828	0.158	0.014	0.000	0.000	0.000	0.000	0.157	0.040	0.008	0.002	0.001	0.000	0.000	0.207
21	0.245	0.177	0.219	0.503	0.651	0.000	0.000	0.671	0.275	0.046	0.005	0.001	0.001	0.000	0.164	0.063	0.017	0.007	0.003	0.000	0.000	0.255
22	0.298	0.187	0.214	0.502	0.597	0.000	0.000	0.507	0.376	0.092	0.015	0.005	0.004	0.000	0.151	0.084	0.029	0.015	0.008	0.000	0.000	0.287
23	0.350	0.197	0.211	0.483	0.587	0.000	0.000	0.355	0.443	0.148	0.029	0.013	0.011	0.000	0.124	0.099	0.042	0.024	0.015	0.000	0.000	0.304
24	0.401	0.206	0.207	0.465	0.551	0.000	0.000	0.231	0.468	0.206	0.047	0.022	0.026	0.000	0.093	0.106	0.054	0.034	0.022	0.000	0.000	0.308
25	0.452	0.217	0.233	0.588	0.405	0.266	0.143	0.138	0.455	0.258	0.066	0.035	0.048	0.000	0.062	0.106	0.072	0.060	0.026	0.016	0.001	0.344
26	0.479	0.229	0.230	0.575	0.378	0.238	0.103	0.076	0.412	0.291	0.078	0.069	0.058	0.015	0.036	0.099	0.078	0.068	0.039	0.018	0.002	0.341
27	0.519	0.241	0.228	0.564	0.358	0.213	0.098	0.040	0.349	0.312	0.089	0.098	0.078	0.031	0.021	0.087	0.081	0.073	0.048	0.022	0.004	0.335
28	0.552	0.252	0.227	0.552	0.342	0.194	0.082	0.019	0.283	0.317	0.097	0.123	0.104	0.049	0.011	0.073	0.080	0.076	0.055	0.026	0.005	0.325
29	0.572	0.266	0.228	0.543	0.324	0.180	0.072	0.009	0.221	0.310	0.101	0.143	0.134	0.069	0.005	0.060	0.077	0.076	0.059	0.029	0.006	0.312
30	0.371	0.200	0.161	0.462	0.324	0.181	0.126	0.004	0.166	0.292	0.103	0.161	0.163	0.092	0.001	0.033	0.050	0.059	0.062	0.035	0.014	0.254
31	0.390	0.212	0.161	0.448	0.308	0.166	0.116	0.002	0.134	0.276	0.094	0.158	0.190	0.114	0.001	0.029	0.047	0.052	0.057	0.036	0.015	0.237
32	0.424	0.227	0.163	0.438	0.294	0.154	0.105	0.001	0.107	0.257	0.088	0.154	0.210	0.135	0.001	0.024	0.044	0.048	0.052	0.037	0.016	0.222
33	0.486	0.246	0.163	0.431	0.278	0.143	0.095	0.001	0.083	0.238	0.084	0.150	0.226	0.155	0.000	0.020	0.040	0.045	0.048	0.036	0.016	0.206
34	0.511	0.263	0.164	0.418	0.261	0.131	0.086	0.000	0.063	0.218	0.079	0.147	0.238	0.175	0.000	0.017	0.037	0.041	0.044	0.034	0.016	0.189
35	0.199	0.018	0.047	0.298	0.186	0.108	0.075	0.000	0.047	0.197	0.075	0.144	0.248	0.192	0.000	0.001	0.009	0.024	0.029	0.028	0.015	0.107
36	0.226	0.019	0.048	0.287	0.174	0.099	0.067	0.000	0.046	0.189	0.061	0.139	0.248	0.205	0.000	0.001	0.009	0.019	0.026	0.026	0.015	0.095
37	0.234	0.021	0.048	0.273	0.162	0.090	0.060	0.000	0.045	0.181	0.051	0.132	0.248	0.216	0.000	0.001	0.009	0.015	0.023	0.023	0.014	0.085
38	0.190	0.023	0.047	0.264	0.151	0.081	0.053	0.000	0.044	0.173	0.045	0.125	0.247	0.226	0.000	0.001	0.008	0.013	0.020	0.021	0.013	0.075
39	0.175	0.025	0.047	0.251	0.140	0.073	0.046	0.000	0.043	0.166	0.040	0.118	0.246	0.235	0.000	0.001	0.008	0.011	0.017	0.019	0.011	0.067
40	0.238	0.027	0.045	0.234	0.125	0.062	0.039	0.000	0.042	0.159	0.037	0.112	0.245	0.242	0.000	0.001	0.007	0.009	0.015	0.016	0.010	0.058
41	0.312	0.030	0.042	0.210	0.107	0.048	0.029	0.000	0.041	0.153	0.035	0.106	0.244	0.248	0.000	0.001	0.006	0.008	0.012	0.012	0.007	0.047
42	0.000	0.031	0.039	0.179	0.081	0.034	0.020	0.000	0.040	0.148	0.033	0.103	0.243	0.253	0.000	0.001	0.006	0.006	0.009	0.009	0.005	0.036
43	0.000	0.033	0.035	0.158	0.057	0.021	0.013	0.000	0.038	0.143	0.033	0.100	0.243	0.256	0.000	0.001	0.005	0.006	0.006	0.005	0.003	0.026
44	0.000	0.034	0.032	0.149	0.041	0.014	0.007	0.000	0.037	0.139	0.032	0.100	0.244	0.258	0.000	0.001	0.005	0.005	0.004	0.004	0.002	0.021
45	0.000	0.034	0.033	0.132	0.033	0.012	0.006	0.000	0.036	0.136	0.031	0.101	0.245	0.259	0.000	0.001	0.004	0.004	0.003	0.003	0.002	0.018
46	0.000	0.037	0.030	0.109	0.028	0.010	0.005	0.000	0.035	0.133	0.032	0.102	0.245	0.261	0.000	0.001	0.004	0.004	0.003	0.003	0.001	0.016
47	0.000	0.039	0.032	0.091	0.023	0.009	0.005	0.000	0.033	0.130	0.032	0.103	0.245	0.262	0.000	0.001	0.004	0.003	0.002	0.002	0.001	0.015
48	0.000	0.044	0.000	0.085	0.018	0.008	0.004	0.000	0.032	0.127	0.033	0.104	0.246	0.263	0.000	0.001	0.000	0.003	0.002	0.002	0.001	0.009
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.031	0.129	0.030	0.104	0.245	0.264	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
															1.000	0.969	0.841	0.811	0.706	0.461	0.197	4.985

Notes: Table A5 summarizes life tables and implied total fertility rates for each event year (−4 − 8), compiled following the method developed in Van Hook and Altman (2013). First, regression-adjusted predicted log odds of a parity p birth are calculated for individuals in each event year and single year of age using coefficient estimates from Equation (2) (estimated separately for each parity 1-7, results available upon request). We allow event year indicators as well as interactions with 5 year age group indicators to vary, and holding all other variables constant at values observed in t he reference year (event year -1) . The hazard function q_x^p describes the age pattern of risk of a parity p birth occurring at age x (conditional on that birth not having already occurred), and are calculated from predicted log odds $\left(\frac{\exp(Log\ Odds_x^p)}{1 + \exp(Log\ Odds_x^p)} \right)$. We note that because age effects are captured in Equation (4) using five-year age-groups, q_x^p is equal across all ages within a given age group. The hazard function is then used to generate survival function l_x^p (describing the proportion of the population at risk of a birth) and the unconditional probability function d_x^p (describing the number of births expected to occur at a given age). For first births, the proportion at risk is monotonically declining, beginning at $l_{15}^1 = 1$, and diminishing with every year of age by the proportion of women who have a first birth in the previous year:

$l_x^1 = l_{x-1}^1 - d_x^1$. The unconditional probability of a first birth is simply equal to the product of the conditional first birth hazard and the proportion of the population at risk: $d_x^1 = q_x^1 \times l_x^1$. For subsequent births, the proportion of the population at risk of a parity $p > 1$ birth begins at $l_{15}^p = 0$. As women age, the proportion beginning age x at risk is determined jointly by the share at risk in the previous year, the rate at which women exited the risk pool in the previous year, and the rate at which women entered the risk pool in the previous year $l_x^p = l_{x-1}^p - d_{x-1}^p + d_{x-1}^{p-1}$. The unconditional probability of a parity p birth at age x is likewise jointly determined by the relevant birth hazard, the proportion of the population at risk of a parity p birth at age x, and the proportion of women newly at risk of a parity p birth for at least half of the year (or half of those experiencing a parity $p-1$ birth, assuming a uniform distribution of birth timing): $d_x^p = q_x^p \times \left(l_x^p + \frac{1}{2} d_x^{p-1} \right)$. The unconditional probability of a birth can be interpreted as an age- and parity-specific fertility rate. These rates then are used to calculated age-specific fertility rates (summing across parities), parity-specific fertility rates (summing across ages), and total fertility rates for each event year.

Appendix Table A6:
Tempo-Adjusted Parity-Specific and Total Fertility Rates

Bongaarts-Feeney Total Fertility Rate Tempo Adjustment

Event Year	Parity Specific Fertility							Tempo-Adjusted Parity Specific Fertility Rate							Total Fertility Rate	
	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	Parity 1	Parity 2	Parity 3	Parity 4	Parity 5	Parity 6	Parity 7	TFR	TFR'
-5	0.999	0.999	0.990	0.952	0.850	0.689	0.530	0.999	0.999	0.990	0.952	0.850	0.689	0.530	6.008	6.008
-4	1.000	0.997	0.985	0.950	0.838	0.705	0.535	1.000	0.997	0.985	0.950	0.838	0.705	0.535	6.009	6.009
-3	1.000	0.998	0.990	0.954	0.850	0.686	0.504	1.000	0.998	0.990	0.954	0.850	0.686	0.504	5.982	5.982
-2	1.000	0.999	0.987	0.957	0.853	0.680	0.481	1.000	0.999	0.987	0.957	0.853	0.680	0.481	5.956	5.956
-1	1.000	0.998	0.982	0.951	0.851	0.661	0.443	1.000	0.998	0.982	0.951	0.851	0.661	0.443	5.886	5.886
0	1.000	0.996	0.984	0.958	0.864	0.671	0.418	1.094	0.996	0.984	0.958	0.864	0.671	0.418	5.891	5.985
1	1.000	0.994	0.976	0.950	0.843	0.615	0.360	1.094	0.994	0.976	0.950	0.843	0.615	0.360	5.737	5.831
2	1.000	0.993	0.964	0.933	0.815	0.575	0.305	1.093	0.993	0.964	0.933	0.815	0.575	0.305	5.585	5.678
3	1.000	0.988	0.953	0.913	0.801	0.546	0.288	1.094	0.988	0.953	0.913	0.801	0.546	0.288	5.488	5.582
4	1.000	0.988	0.941	0.902	0.804	0.558	0.279	1.094	0.988	0.941	0.902	0.804	0.558	0.279	5.473	5.566
5	1.000	0.985	0.936	0.900	0.800	0.545	0.274	1.094	0.985	0.936	0.900	0.800	0.545	0.274	5.439	5.533
6	1.000	0.983	0.925	0.892	0.789	0.520	0.258	1.094	0.983	0.925	0.892	0.789	0.520	0.258	5.366	5.460
7	1.000	0.983	0.893	0.855	0.761	0.501	0.215	1.094	0.983	0.893	0.855	0.761	0.501	0.215	5.209	5.303
8	1.000	0.969	0.841	0.811	0.706	0.461	0.197	1.094	0.969	0.841	0.811	0.706	0.461	0.197	4.985	5.078
% Decline	0.0%	2.9%	14.8%	15.3%	17.2%	32.3%	59.0%	-9.4%	2.9%	14.8%	15.3%	17.2%	32.3%	59.0%	16.3%	14.7%

Note: Table A6 shows regression-adjusted parity-specific fertility rates for each event year implied by Equation (4) (Columns 1-5; see Appendix Table A5). Columns 6-10 then show parity specific fertility rates adjusted for change in mean age at parity-specific childbearing (Bongaarts and Feeney, 1998). Columns 11 and 12 show the implied Total Fertility Rate (TFR) and tempo-adjusted Total Fertility Rate (TFR'), summing parity-specific fertility rates and tempo-adjusted parity-specific fertility rates, respectively.

Appendix Table A7:
Marginal Probability that a Reported Child is Male at Birth and at each Age 1 to 5
Among Couples with No Previous Son

	Birth	Age 1	Age 2	Age 3	Age 4	Age 5
Second Birth						
Pre-LLF	0.007	0.006	0.006	0.007	0.007	0.007
	[-.0074 - .0204]	[-.0084 - .0201]	[-.0079 - .0199]	[-.0068 - .0216]	[-.0077 - .0223]	[-.0084 - .0219]
Early LLF	0.015**	0.016**	0.016**	0.015**	0.015**	0.015**
	[.0023 - .0274]	[.0024 - .0289]	[.0026 - .0291]	[.0028 - .0278]	[.0018 - .0276]	[.0030 - .0274]
Late LLF	-0.005	-0.007	-0.008	-0.008	-0.008	-0.008
	[-.0363 - .0221]	[-.0388 - .0199]	[-.0396 - .0204]	[-.0378 - .0208]	[-.0403 - .0203]	[-.0392 - .0209]
Third Birth						
Pre-LLF	0.002	0.003	0.003	0.003	0.003	0.004
	[-.0077 - .0115]	[-.0075 - .0122]	[-.0070 - .0128]	[-.0069 - .0140]	[-.0070 - .0129]	[-.0068 - .0136]
Early LLF	0.005	0.007	0.007	0.006	0.006	0.006
	[-.0084 - .0190]	[-.0069 - .0211]	[-.0066 - .0224]	[-.0079 - .0216]	[-.0074 - .0205]	[-.0084 - .0214]
Late LLF	0.025**	0.027**	0.026**	0.026**	0.026***	0.027***
	[.0041 - .0425]	[.0067 - .0454]	[.0068 - .0449]	[.0067 - .0453]	[.0072 - .0460]	[.0073 - .0449]

Note: Table A7 shows the incremental increase in the probability of a male birth (Column 1) or that a child reaching its first through fifth birthday is male (Columns 2-6) among couples with no previous sons (relative to couples of the same parity with at least one previously born son in the same LLF policy period). Ordinary least squares regressions in Equation 10 are stratified by parity and control for maternal characteristics, province-year characteristics, calendar year fixed effects, and provincial fixed effects. 95% confidence intervals are calculated using the pairs-cluster bootstrap method (Cameron et al., 2008). Data: 1988 "Two-Per-Thousand" National Survey of Fertility and Contraception, digitized provincial public health archive records, National Bureau of Statistics of China, and the China Family Panel Survey.