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Reconstruction of Fertility Trends for the Female Population of the U. S. S .R.

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On the other extreme, the group over 40 years of age shows drastic alterations in the shape of its fertility pattern. High rates in this age group are frequently associated with the rural type of society where women continue childbearing to a high age. In the case of the U.S.S.R. the relative contribution of women aged over 40 to the total fertility was several times lower in the 1960's than in the late 1920's, thus suggesting a decrease in the proportion of the rural population as a possible explanation of the trend.

TABLE I. *Period-specific fertility rates by age of mother for the U.S. and the U.S.S.R.*

Year	Country and age of mother							
	Total fertility†		15-19*		20-24		25-29	
	U.S.	U.S.S.R.	U.S.	U.S.S.R.	U.S.	U.S.S.R.	U.S.	U.S.S.R.
1926	2,909.5	5,566.0	61.2	39.5	156.0	268.3	145.0	278.2
1927	2,827.0	5,418.3	60.3	38.6	152.3	261.4	140.8	272.0
1928	2,656.0	5,318.1	57.1	38.1	144.2	256.6	132.9	267.8
1929	2,524.0	4,985.8	54.9	35.8	138.3	240.9	127.2	252.3
1930	2,508.5	4,826.1	55.7	34.8	137.8	233.5	126.4	245.1
1931	2,376.0	4,255.0	52.1	30.8	130.5	206.0	121.1	217.1
1932	2,288.5	3,573.6	49.9	26.0	126.3	173.3	116.8	182.9
1933	2,148.5	3,621.6	46.5	26.5	118.7	175.7	110.3	186.1
1934	2,205.0	2,904.9	48.9	21.4	123.8	141.0	113.1	149.9
1935	2,163.5	3,263.3	49.9	24.1	122.5	158.5	110.8	169.0
1936	2,119.0	3,652.7	49.6	27.0	121.7	177.5	109.3	190.0
1937	2,147.5	4,308.6	52.5	32.1	124.7	209.8	111.6	224.8
1938	2,199.5	4,351.3	54.6	32.5	128.3	212.0	115.5	228.0
1939	2,154.0	3,964.4	53.1	29.8	125.6	194.9	114.2	209.1
1940	2,301.3	3,752.1	54.8	28.4	135.6	186.0	122.8	199.2
1941	2,399.1	3,742.6	57.6	28.6	145.4	187.1	128.7	200.1
1942	2,628.2	2,933.1	61.8	22.5	165.1	147.9	142.7	157.9
1943	2,718.3	2,366.2	62.5	18.3	164.0	120.2	147.8	128.1
1944	2,567.6	1,942.0	55.1	15.1	151.8	99.5	136.5	105.9
1945	2,491.2	1,762.1	51.9	13.8	138.9	91.0	132.2	96.7
1946	2,942.7	2,868.3	60.0	22.6	181.1	149.3	161.2	158.3
1947	3,273.5	3,232.9	80.2	25.7	209.7	169.8	176.0	179.6
1948	3,108.6	3,079.4	82.8	24.6	200.3	163.0	163.4	172.2
1949	3,110.1	3,007.5	84.4	24.2	200.1	160.5	165.4	169.3
1950	3,090.5	2,851.1	82.6	23.1	196.6	153.4	166.1	161.4
1951	3,268.0	2,914.7	87.9	23.7	212.6	157.9	174.3	166.0
1952	3,357.4	2,898.8	86.3	23.8	219.1	158.4	180.5	166.2
1953	3,424.5	2,762.9	88.4	22.8	225.9	152.0	183.9	159.3
1954	3,541.5	2,974.4	90.8	24.7	237.4	164.9	188.5	172.5
1955	3,578.6	2,909.1	90.6	24.3	242.8	162.6	190.8	169.8
1956	3,688.5	2,859.2	95.1	24.0	254.3	161.0	195.4	167.9
1957	3,767.4	2,903.9	97.0	24.6	261.0	164.7	200.4	171.5
1958	3,703.3	2,899.3	92.4	28.5	258.9	167.1	198.8	170.2
1959	3,712.9	2,903.8	91.6	32.6	260.4	169.0	200.4	168.3
1960	3,653.6	2,940.0	89.9	37.0	258.1	173.1	197.4	168.8
1961	3,627.6	2,879.6	88.9	31.4	253.6	174.6	197.8	166.6
1962	3,471.0	2,755.0	82.1	25.6	243.8	172.1	191.3	160.7
1963	3,331.5	2,688.1	77.4	24.9	231.3	167.9	185.4	156.8
1964		2,564.4		23.8		160.1		149.6
1965		2,487.7		23.1		155.4		145.1
1966		2,452.4		22.8		153.2		143.0

FERTILITY TRENDS FOR FEMALE POPULATION OF THE U.S.S.R. 39

TABLE I (continued)

Year	Country and age of mother							
	30-34		35-39		40-44		45-49*	
	U.S.	U.S.S.R.	U.S.	U.S.S.R.	U.S.	U.S.S.R.	U.S.	U.S.S.R.
1926	108.9	232.1	77.7	177.4	28.9	93.8	4.2	23.8
1927	105.2	226.0	75.0	171.8	28.0	90.7	3.8	23.2
1928	98.1	221.6	69.1	167.8	26.2	89.0	3.6	22.7
1929	92.8	207.9	64.2	156.6	24.0	82.4	3.4	21.3
1930	92.2	201.3	62.9	150.8	23.6	79.2	3.1	20.6
1931	87.3	177.5	59.2	132.2	22.1	69.3	2.9	18.2
1932	84.2	149.1	56.5	110.4	21.2	57.8	2.8	15.3
1933	79.3	151.0	52.4	111.3	19.8	58.1	2.7	15.6
1934	81.0	121.1	52.2	88.8	19.4	46.3	2.6	12.5
1935	77.9	136.1	50.8	99.3	18.3	51.6	2.5	14.1
1936	75.5	152.3	48.4	110.6	17.1	57.4	2.2	15.8
1937	75.7	179.7	46.9	129.5	16.1	67.2	2.0	18.6
1938	77.1	181.5	46.6	130.2	15.8	67.3	2.0	18.8
1939	76.1	165.1	44.9	117.3	15.1	59.9	1.8	16.7
1940	83.4	156.3	46.3	109.8	15.6	55.5	1.9	15.3
1941	85.3	155.7	46.1	108.3	15.0	54.0	1.7	14.8
1942	91.8	122.1	47.9	83.9	14.7	41.2	1.6	11.3
1943	99.5	98.4	52.8	66.9	15.7	32.5	1.5	8.9
1944	98.1	80.7	54.6	54.3	16.1	26.0	1.4	7.0
1945	100.2	73.2	56.9	48.7	16.6	23.0	1.6	6.1
1946	108.9	119.0	58.7	78.4	16.5	36.3	1.5	9.6
1947	111.9	134.2	58.9	87.2	16.6	39.8	1.4	10.5
1948	103.7	127.6	54.5	82.0	15.7	36.8	1.3	9.7
1949	102.1	124.6	53.5	79.0	15.3	34.8	1.3	9.1
1950	103.7	118.0	52.9	74.0	15.1	32.0	1.2	8.3
1951	108.3	120.5	54.1	74.7	15.3	31.9	1.2	8.2
1952	113.0	119.9	56.1	73.4	15.3	30.4	1.2	7.7
1953	112.9	114.2	57.2	69.0	15.5	28.2	1.1	7.0
1954	116.1	122.9	58.7	73.3	15.8	29.2	1.1	7.3
1955	115.5	120.1	59.4	70.8	15.7	27.5	1.1	6.7
1956	116.0	118.0	60.1	68.6	15.9	26.1	1.1	6.3
1957	117.5	119.8	60.5	68.7	16.0	25.4	1.1	6.1
1958	115.7	118.0	58.3	65.0	15.6	25.3	1.0	5.8
1959	115.4	116.0	58.2	64.9	15.6	24.7	1.0	5.3
1960	112.7	115.5	56.2	63.8	15.5	24.7	0.9	5.1
1961	113.3	112.7	55.6	61.5	15.6	24.5	0.9	4.6
1962	108.7	107.5	52.6	57.5	14.8	23.7	0.9	3.9
1963	105.9	104.9	51.2	56.1	14.2	23.1	0.9	3.8
1964		100.0		53.5		22.1		3.6
1965		97.1		51.9		21.4		3.5
1966		95.7		51.2		21.1		3.5

\* Includes births to women below age 15, or above age 49, depending upon the age group.

† Total fertility rate computed independently by summing the rates by single year of age. For the U.S.S.R. this rate is equivalent to the constant *k* times 1,000. See the Technical Appendix for an explanation.

SOURCES: National Center for Health Statistics, *Natality Statistics Analysis*, Series 21, No. 1, Table 4. Other sources of data for the U.S. include: P. K. Whelpton and A. Campbell, *Fertility Tables for Birth Cohorts of American Women*, Vital Statistics - Special Reports, Vol. 51, No. 1, adapted from Table 3; and *Fertility Measurement*, Series No. 4, No. 1, Table B.