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Volume Title: The Labor Force Under Changing Income and Employment

Volume Author/Editor: Clarence D. Long

Volume Publisher: Princeton University Press

Volume ISBN: 0-87014-064-7

Volume URL: <http://www.nber.org/books/long58-1>

Publication Date: 1958

Chapter Title: Appendix A: The Labor Force and Population by Sex and Age Group, Decennial Enumerations

Chapter Author: Clarence D. Long

Chapter URL: <http://www.nber.org/chapters/c2629>

Chapter pages in book: (p. 283 - 315)

APPENDIXES

APPENDIX A

The Labor Force and Population by Sex and
Age Group, Decennial Enumerations

TABLE A-1

 United States:
 Labor Force by Sex and Age Group, 1820-1880

Age Group	MILLIONS ^a					Per Cent of Population of Same Sex and Age Group ^a						
	1820 ^b	1840 ^c	1850	1860	1870 ^d	1880 ^e	1820 ^b	1840 ^c	1850	1860	1870 ^d	1880 ^e
	MALES											
10-15	...	...	...	...	0.6	0.8	...	...	...	...	19.3	24.4
16-59	...	...	...	...	9.8	13.0	...	...	...	...	91.0	93.4
60 & older	...	...	...	...	0.6	0.9	...	...	...	...	64.2	64.3
10 & older	...	...	...	...	11.0	14.7	...	...	...	...	74.9	78.7
	FEMALES											
10-15	...	...	...	...	0.2	0.3	...	...	...	...	7.0	9.0
16-59	...	...	...	...	1.6	2.3	...	...	...	...	15.7	17.1
60 & older	...	...	...	...	0.1	0.1	...	...	...	...	5.4	5.2
10 & older	...	...	...	...	1.9	2.7	...	...	...	...	13.3	14.7
	BOTH SEXES											
10 & older	...	...	...	...	12.9	17.4	38.3	41.3	...	...	44.4	47.3
Census	2.5 ^b	4.8 ^c	...	...	10.5	17.4	44.4	46.6	46.8	47.0	44.4	47.3
Whelpton ^f	2.9	5.4	7.7	10.5	12.9	17.4	25.8	28.1	33.2	33.5	32.5	34.7
0 & older	2.9	5.4	7.7	10.5	12.9	17.4	25.8	28.1	33.2	33.5	32.5	34.7

^a Totals and percentages were computed before data on population and labor force were rounded.

^b *Census of 1820*, Book 1, p. 2. Includes only agriculture, commerce, and manufacturing. Excludes professional, domestic, and personal services; forestry and fishing; and mining.

^c *Census of 1840*, p. 475. Includes only agriculture, commerce, mining, manufacturing and trade, navigation of the ocean and inland waterways, and learned professions and engineering. Excludes domestic and personal services, and forestry and fishing.

^d Officially corrected for the 1870 undercount of population and labor force in the southern states. Alba M. Edwards, *Comparative Occupation Statistics for the United States, 1870 to 1940, Census of Population, 1940*, pp. 91-92. Since no information was given for the 16-59 and 60 and older age groups the author assumes, as does Edwards, that the age-sex distribution of the adjustments to the labor force was the same as that of the labor force originally reported. No correction has been made for the fact that the labor force was probably underenumerated relative to the population.

^e *Census of Population, 1880*, Vol. I, p. 714.

^f P. K. Whelpton, "Occupational Groups in the United States, 1820-1920," *Journal of the American Statistical Association*, September 1926, p. 339; *Historical Statistics of the United States, 1789-1945*, Bureau of the Census, p. 63. Whelpton interpolated the totals for 1850 and 1860 linearly between the 1840 and 1880 labor force proportions of all persons aged 10 and over.

TABLE A-2

United States:
Population and Labor Force by Sex and Age Group, April, 1890-1950

Age ^b Group	POPULATION IN MILLIONS ^a					LABOR FORCE IN MILLIONS ^a						
	1890 ^c	1910 ^c	1920 ^c	1930	1940	1890 ^c	1910 ^c	1920 ^c	1930	1940	1950 ^e	
	MALES											
0-9	7.8	10.3	11.7	12.2	10.8	15.1	...	0.5	0.3	0.2	0.1	...
10-13	2.9	3.6	4.3	4.9	4.7	4.6	0.5	0.5	0.3	0.2	0.1	...
14-19	4.0	5.5	5.7	7.0	7.4	6.6	2.3	2.8	3.1	3.0	2.9	2.5
20-24	3.1	4.6	4.5	5.3	5.7	5.6	2.8	3.3	4.2	4.1	4.8	5.0
25-44	8.9	11.1	16.2	18.3	19.6	22.3	8.7	10.7	13.7	15.8	17.8	18.7
45-64	4.3	7.2	9.2	11.2	13.4	15.2	4.1	5.1	6.7	8.6	10.5	11.9
65 & older	1.2	2.0	2.5	3.3	4.4	5.7	0.9	1.1	1.1	1.5	2.0	1.8
14-24	7.1	10.1	10.2	12.3	13.1	12.2	5.1	6.1	7.3	7.1	7.7	7.5
14 & older	21.5	33.4	38.1	45.1	50.5	55.4	18.8	23.0	28.8	33.0	38.0	39.9
10 & older	24.4	37.0	42.4	50.0	55.2	60.0	19.3	23.5	29.1	33.2	38.1	39.9
0 & older	32.2	47.3	54.1	62.2	66.0	75.1	19.3	23.5	29.1	33.2	38.1	39.9
	FEMALES											
0-9	7.5	10.1	11.3	11.9	10.5	14.5	...	0.2	0.1	0.1	0.1	...
10-13	2.8	3.6	4.3	4.8	4.6	4.6	0.1	0.2	0.1	0.1	0.1	...
14-19	4.0	5.4	5.8	6.9	7.3	6.5	1.0	1.3	1.5	1.6	1.6	1.3
20-24	3.1	4.5	4.8	5.6	5.9	5.8	0.9	1.2	1.6	1.8	2.4	2.7
25-44	8.1	10.2	15.3	17.9	20.0	22.8	1.3	1.8	2.7	3.5	4.5	6.0
45-64	3.9	6.3	8.0	10.2	12.8	15.3	0.5	0.7	1.0	1.3	1.9	2.6
65 & older	1.1	2.0	2.5	3.3	4.6	6.6	0.1	0.1	0.2	0.2	0.3	0.5
14-24	7.1	9.9	10.6	12.5	13.2	12.3	1.9	2.5	3.1	3.4	4.0	4.0
14 & older	20.2	30.9	36.4	43.9	50.6	57.0	3.8	5.1	7.0	8.4	10.7	12.9
10 & older	23.0	34.5	40.7	48.7	55.2	61.6	3.9	5.3	7.1	8.5	10.8	12.9
0 & older	30.5	44.6	52.0	60.6	65.7	76.1	3.9	5.3	7.1	8.5	10.8	12.9
	BOTH SEXES											
14 & older	41.7	64.3	74.5	89.0	101.1	112.4	22.6	28.1	35.8	41.4	48.7	52.8
10 & older	47.4	71.5	83.1	98.7	110.4	121.6	23.2	28.8	36.2	41.7	48.9	52.8
0 & older	62.7	91.9	106.1	122.8	131.7	151.2	23.2	28.8	36.2	41.7	48.9	52.8

TABLE A-2, continued

		LABOR FORCE											
		Per Cent of Population of Same Sex and Age Group—Unstandardized ^a		Per Cent of Population of Same Sex and Age Group—Standardized for Age-Sex, Rural-Urban, and Color-Nativity Composition ^a									
Age ^b Group	1890°	1910°	1920°	1930	1940	1950	Age ^b Group	1890°	1910°	1920°	1930	1940	1950
MALES													
10-13	17.8	17.7	9.2	6.0	3.3	e	10-13	16.3	16.9	8.1	5.5	3.3	e
14-19	57.1	61.1	56.2	52.6	41.1	34.4	14-19	57.8	61.5	56.6	53.0	41.0	34.4
20-24	92.0	91.7	91.1	90.9	89.9	88.0	20-24	92.5	92.1	91.2	91.0	89.9	88.0
25-44	97.6	96.3	96.6	97.1	97.5	95.0	25-44	97.3	96.5	96.7	97.2	97.4	95.0
45-64	95.2	93.3	93.6	93.8	94.1	88.7	45-64	94.7	93.4	93.7	93.8	94.0	88.7
65 & older	73.9	68.3	58.1	60.1	58.3	41.5	65 & older	71.3	66.6	57.3	59.8	58.0	41.5
14-24	72.4	74.7	72.1	69.6	62.3	57.7	14-24	72.9	74.8	71.7	69.5	62.3	57.7
14 & older	87.4	87.3	86.3	86.5	84.1	79.0	14 & older ^g	88.0	87.4	86.0	85.9	84.0	79.0
10 & older	79.2	79.5	78.6	78.3	76.2	72.2	10 & older ^g	81.9	81.4	79.3	79.0	77.1	72.2
0 & older	60.0	60.9	61.5	61.4	61.3	60.5							
14 & older ^f	88.3	87.4	85.9	85.8	84.1	79.0	14 & older ^h	86.4	86.3	...	85.0	83.3	79.0
10 & older ^f	82.3	81.4	79.4	79.0	77.2	72.2	10 & older ^h	80.1	80.2	...	78.0	76.4	72.2
FEMALES													
10-13	5.4	6.1	3.9	2.9	1.5	e	10-13	5.0	5.7	3.6	2.6	1.5	e
14-19	24.4	26.8	28.1	28.4	22.8	18.8	14-19	27.7	30.2	29.9	29.6	22.8	18.8
20-24	30.8	32.1	35.5	38.1	42.5	45.1	20-24	36.2	36.9	37.9	39.2	42.3	45.1
25-44	15.6	18.0	21.0	22.5	25.4	30.2	25-44	18.8	19.8	22.3	23.2	25.3	30.2
45-64	12.6	14.1	17.1	17.1	18.7	19.8	45-64	13.8	14.7	17.7	17.5	18.8	19.8
65 & older	8.3	9.1	8.6	8.0	8.0	5.9	65 & older	8.2	8.5	8.4	8.0	3.0	5.9
14-24	27.2	29.2	31.4	32.8	31.5	30.5	14-24	31.5	33.2	33.4	33.9	31.5	30.5
14 & older	18.6	20.4	22.8	23.3	24.3	25.4	14 & older ^g	19.9	21.0	22.8	23.2	23.7	25.4
10 & older	17.0	18.8	20.8	21.2	22.0	23.3	10 & older ^g	18.7	19.7	21.2	21.5	21.9	23.3
0 & older	12.8	14.3	16.1	16.5	17.7	19.6							
14 & older ^f	17.2	19.1	21.6	22.5	23.7	25.4	14 & older ^h	15.5	16.9	...	20.8	21.5	24.2
10 & older ^f	16.2	18.0	20.1	20.9	21.9	23.3	10 & older ^h	14.4	15.7	...	19.2	19.9	22.1

TABLE A-2, continued

Age ^b Group	Per Cent of Population of Same Sex and Age Group—Unstandardized ^a				Per Cent of Population of Same Sex and Age Group—Standardized for Age-Sex, Rural-Urban, and Color-Nativity Composition ^a			
	1890	1900	1910	1950	1890	1900	1910	1950
	Age ^b Group				Age ^b Group			
	LABOR FORCE							
	BOTH SEXES							
14 & older	54.0	54.8	55.7	55.6	54.6	52.2	53.4	54.0
10 & older	49.0	49.9	50.7	50.4	49.5	47.8	49.4	54.0
0 & older	37.0	38.1	39.4	39.4	39.8	40.1	39.7	50.3
14 & older ^f	52.8	53.3	53.8	54.1	53.9	52.2	53.7	51.0
10 & older ^f	49.3	49.8	49.8	49.9	49.6	47.8	49.1	47.2
								54.4
								50.6
								50.3
								52.8
								48.0
								54.5
								53.8
								49.5
								50.3
								47.8
								48.8
								52.4
								48.1
								47.2
								48.6

Source and concept: Chapter 3 and Appendixes E and F.

^a Totals and percentages were computed before the data on population and labor force were rounded.

^b Persons of unknown age were distributed among the age classifications in the same proportion as the rest of the population.

^c Labor force and population during 1890-1920 were adjusted both for miscounts and for differences in month of enumeration. See Supplementary Appendixes G and H.

^d Includes a half million persons, who were abroad or at sea and not counted by the census, comprising members of the armed forces, civilian citizens employed by the United States government, families of the foregoing, and crews of merchant vessels. *Census of Population, 1950, Characteristics of the Population*, Vol. II, Part I, pp. 87, 247. (Based on 20 per cent sample.)

^e The censuses of 1940 and 1950 did not count children under 14 in the labor force.

^f Standardized for age-sex composition on the basis of the population of the United States in 1940.

^g Standardized for age-sex and for rural-urban composition on the basis of the population of the United States in 1940.

^h Standardized for age-sex, rural-urban, and color-nativity composition based on the population of the United States in 1940. Explanation of standardization: Chapter 3, section on *The Method*.

United States:

Rural and Urban Population and Labor Force by Sex and Age Group, April, 1890-1950

Age Group	RURAL					URBAN									
	1890	1900	1910	1920	1950	1890	1900	1910	1920	1950					
	POPULATION IN MILLIONS*														
	MALES														
0-9	5.6	6.0	6.3	6.5	6.2	5.7	6.3	2.2	3.1	4.0	5.2	6.0	6.0	5.1	8.8
10-13	2.0	2.2	2.2	2.4	2.5	2.4	2.1	0.9	1.1	1.4	1.9	2.4	2.4	2.3	2.5
14-19	2.7	3.0	3.2	3.1	3.5	3.7	3.0	1.3	1.6	2.3	2.6	3.5	3.7	3.7	3.6
20-24	1.9	2.2	2.3	2.1	2.3	2.5	2.0	1.2	1.4	2.3	2.4	3.0	3.0	3.2	3.6
25-44	5.4	5.9	6.7	6.9	6.9	7.8	7.5	3.5	5.2	7.4	9.3	11.4	11.8	11.8	14.8
45-64	2.8	3.4	3.9	4.4	4.9	5.5	5.2	1.5	2.1	3.3	4.8	6.3	7.9	7.9	10.0
65 & older	0.9	1.1	1.2	1.4	1.7	2.1	2.2	0.3	0.4	0.8	1.1	1.6	2.3	2.3	3.5
14-24	4.6	5.2	5.5	5.2	5.8	6.2	5.0	2.5	3.0	4.6	5.0	6.5	6.9	6.9	7.2
14 & older	13.7	15.6	17.3	17.9	19.3	21.6	19.9	7.8	10.7	16.1	20.2	25.8	28.9	28.9	35.5
10 & older	15.7	17.8	19.5	20.3	21.8	24.0	22.0	8.7	11.8	17.5	22.1	28.2	31.2	31.2	38.0
0 & older	21.3	23.8	25.8	26.8	28.0	29.7	28.3	10.9	14.9	21.5	27.3	34.2	36.3	36.3	46.8
	FEMALES														
0-9	5.4	5.8	6.1	6.2	6.0	5.5	5.9	2.1	3.1	4.0	5.1	5.9	5.9	5.0	8.6
10-13	1.9	2.1	2.2	2.4	2.4	2.3	2.1	0.9	1.1	1.4	1.9	2.4	2.4	2.3	2.5
14-19	2.6	2.9	2.9	3.0	3.2	3.4	2.6	1.4	1.7	2.5	2.8	3.7	3.7	3.9	3.9
20-24	1.8	2.1	2.2	2.1	2.2	2.3	1.8	1.3	1.6	2.3	2.7	3.4	3.6	3.6	4.0
25-44	4.6	5.2	5.9	6.4	6.6	7.4	7.3	3.5	5.0	6.8	8.9	11.3	12.6	12.6	15.5
45-64	2.4	2.8	3.1	3.5	4.0	4.9	4.8	1.5	2.1	3.2	4.5	6.2	7.9	7.9	10.5
65 & older	0.7	1.0	1.1	1.2	1.4	1.8	2.1	0.4	0.5	0.9	1.3	1.9	2.8	2.8	4.5
14-24	4.4	5.0	5.1	5.1	5.4	5.7	4.4	2.7	3.3	4.8	5.5	7.1	7.1	7.5	7.9
14 & older	12.1	14.0	15.2	16.2	17.4	19.8	18.6	8.1	10.9	15.7	20.2	26.5	30.8	30.8	38.4
10 & older	14.0	16.1	17.4	18.6	19.8	22.1	20.7	9.0	12.0	17.1	22.1	28.9	33.1	33.1	40.9
0 & older	19.4	21.9	23.5	24.8	25.8	27.6	26.6	11.1	15.1	21.1	27.2	34.8	38.1	38.1	49.5
	BOTH SEXES														
14 & older	25.8	29.6	32.5	34.1	36.7	41.4	38.5	15.9	21.6	31.8	40.4	52.3	59.7	59.7	73.9
10 & older	29.7	33.9	36.9	38.9	41.6	46.1	42.7	17.7	23.8	34.6	44.2	57.1	64.3	64.3	78.9
0 & older	40.7	45.7	49.3	51.6	53.8	57.3	54.9	22.0	30.0	42.6	54.5	69.0	74.4	74.4	96.3

TABLE A-3, continued

Age Group	RURAL					URBAN								
	1890	1900	1910	1920	1930	1940	1950	1890	1900	1910	1920	1930	1940	1950
	LABOR FORCE IN MILLIONS*													
	MALES													
10-13	0.4	0.4	0.3	0.2	0.1	...	...	0.1	0.1	0.0	0.0	0.0	0.0	...
14-19	1.5	1.8	1.7	1.5	1.6	1.4	1.3	0.8	1.0	1.4	1.5	1.3	1.1	1.2
20-24	1.7	2.0	2.1	1.9	2.1	2.2	1.8	1.1	1.3	2.1	2.2	2.7	2.8	2.9
25-44	5.3	5.6	6.5	6.6	6.7	7.4	7.0	3.4	5.1	7.2	9.2	11.1	11.3	13.8
45-64	2.7	3.2	3.6	4.1	4.6	4.9	4.5	1.4	1.9	3.1	4.5	5.9	7.0	8.9
65 & older	0.7	0.8	0.7	0.9	1.1	1.0	1.0	0.2	0.3	0.4	0.6	0.9	0.8	1.4
14-24	3.2	3.8	3.8	3.4	3.7	3.6	3.1	1.9	2.3	3.5	3.7	4.0	3.9	4.1
14 & older	11.9	13.4	14.6	15.0	16.1	16.9	15.6	6.9	9.6	14.2	18.0	21.9	23.0	28.2
10 & older	12.3	13.8	14.9	15.2	16.2	16.9	15.6	7.0	9.7	14.2	18.0	21.9	23.0	28.2
0 & older	12.3	13.8	14.9	15.2	16.2	16.9	15.6	7.0	9.7	14.2	18.0	21.9	23.0	28.2
	FEMALES													
10-13	0.1	0.1	0.1	0.1	0.1	...	...	0.0	0.1	0.0	0.0	0.0	...	...
14-19	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.7	1.0	1.1	1.1	0.9	1.0
20-24	0.3	0.4	0.5	0.5	0.6	0.7	0.6	0.6	0.8	1.1	1.3	1.8	2.0	2.0
25-44	0.4	0.6	0.8	0.9	1.0	1.4	1.7	0.9	1.2	1.9	2.6	3.5	4.6	5.7
45-64	0.2	0.4	0.4	0.4	0.6	0.7	1.0	0.3	0.3	0.6	0.9	1.3	1.9	3.4
65 & older	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.4
14-24	0.8	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.5	2.1	2.4	2.9	2.9	3.0
14 & older	1.5	2.1	2.3	2.4	2.8	3.3	3.8	2.3	3.0	4.7	6.0	7.9	9.6	12.5
10 & older	1.6	2.2	2.4	2.5	2.9	3.3	3.8	2.3	3.1	4.7	6.0	7.9	9.6	12.5
0 & older	1.6	2.2	2.4	2.5	2.9	3.3	3.8	2.3	3.1	4.7	6.0	7.9	9.6	12.5
	BOTH SEXES													
14 & older	13.4	15.5	16.9	17.4	18.9	20.2	19.4	9.2	12.6	18.9	24.0	29.8	32.6	40.7
10 & older	13.9	16.0	17.3	17.7	19.1	20.2	19.4	9.3	12.8	18.9	24.0	29.8	32.6	40.7
0 & older	13.9	16.0	17.3	17.7	19.1	20.2	19.4	9.3	12.8	18.9	24.0	29.8	32.6	40.7

TABLE A-3, continued

Age Group	RURAL					URBAN						
	1890	1900	1910	1920	1930	1890	1900	1910	1920	1930	1940	1950
LABOR FORCE AS PER CENT OF POPULATION OF SAME SEX AND AGE GROUP, UNSTANDARDIZED*												
MALES												
10-13	20.1	19.6	18.1	9.1	6.1	...	12.4	14.1	3.0	1.8	0.5	...
14-19	55.7	60.3	54.2	49.4	45.5	39.2	60.0	62.6	59.0	56.5	36.7	35.5
20-24	90.7	90.9	89.8	89.3	90.5	88.8	94.0	93.0	92.4	92.4	89.5	87.4
25-44	98.1	95.5	95.7	96.1	97.4	94.2	96.7	97.1	97.4	97.9	97.5	95.5
45-64	95.9	93.1	93.1	93.4	94.6	88.8	86.7	93.6	94.1	94.1	93.7	88.7
65 & older	76.5	70.4	60.9	61.6	62.2	46.4	44.1	63.1	54.0	54.2	37.0	40.0
14-24	70.2	73.5	69.3	65.5	63.4	59.5	76.4	76.8	75.5	73.9	61.3	57.8
14 & older	86.8	85.8	84.3	83.7	83.3	78.3	88.4	89.4	88.4	88.9	84.7	79.3
10 & older	78.3	77.7	76.1	74.7	74.5	70.5	80.9	82.3	81.4	81.6	77.6	74.2
0 & older	57.8	58.1	57.5	56.7	58.0	57.0	64.3	65.2	66.2	66.0	64.0	60.2
FEMALES												
10-13	6.1	7.0	5.3	4.8	2.9	...	3.9	4.4	1.8	0.4	0.2	...
14-19	17.9	19.0	18.1	17.2	15.2	13.5	36.2	39.8	40.0	40.3	29.4	23.3
20-24	18.0	20.2	22.0	24.0	26.9	29.0	29.6	47.7	48.1	49.0	52.3	48.2
25-44	8.7	12.1	13.3	13.5	15.4	18.6	24.8	24.3	27.6	28.9	31.2	37.1
45-64	10.5	13.0	14.5	13.1	14.3	13.3	20.1	15.7	19.7	20.2	21.6	32.5
65 & older	8.2	9.9	9.4	8.2	8.2	5.0	8.4	7.6	7.7	7.9	7.9	8.5
14-24	17.9	19.5	19.8	20.0	19.9	19.8	41.9	43.6	43.9	44.6	40.3	38.6
14 & older	12.3	14.7	15.5	15.1	16.0	16.4	28.0	27.8	29.8	29.9	29.7	32.6
10 & older	11.5	13.7	14.2	13.8	14.4	14.7	18.3	25.6	27.5	27.4	27.3	30.6
0 & older	8.3	10.1	10.5	10.3	11.0	11.8	20.7	20.4	22.3	22.2	22.7	25.2
BOTH SEXES												
14 & older	51.8	52.1	52.1	51.1	51.3	48.7	50.4	58.3	59.4	59.4	56.8	55.1
10 & older	46.7	47.3	46.9	45.7	45.9	43.8	45.3	53.7	54.7	54.5	52.1	51.6
0 & older	34.1	35.1	35.1	34.4	35.4	35.2	42.3	42.7	44.5	44.2	43.1	43.8

TABLE A-3, continued

Age Group	RURAL					URBAN								
	1890	1900	1910	1920	1930	1940	1950	1890	1900	1910	1920	1930	1940	1950
PER CENT OF POPULATION OF SAME SEX AND AGE GROUP, STANDARDIZED FOR AGE AND SEX COMPOSITION ^{a, b}														
LABOR FORCE														
MALES														
14-24	70.0	72.8	68.8	65.8	63.9	59.5	62.9	75.5	76.5	74.3	72.9	60.9	56.1	55.7
14 & older	87.4	86.0	84.0	83.4	83.7	78.3	78.0	88.5	88.5	87.5	87.7	84.3	79.6	78.5
10 & older	80.7	79.3	76.9	76.0	76.0	70.5	70.2	82.8	83.0	81.2	81.3	78.0	73.6	72.7
FEMALES														
14-24	17.9	19.5	19.7	19.9	19.9	19.8	21.8	41.8	43.6	43.9	44.4	40.3	38.6	36.8
14 & older	11.8	14.3	15.1	14.8	15.8	16.4	20.7	25.2	25.3	27.8	28.6	28.9	31.2	33.3
10 & older	11.2	13.5	14.1	13.7	14.4	14.7	18.6	23.7	23.8	25.9	26.6	26.9	29.0	30.9
BOTH SEXES														
14 & older	51.3	51.7	51.1	50.6	51.3	48.7	50.7	55.8	55.9	56.7	57.2	55.7	54.6	55.2
10 & older	47.4	47.8	46.8	46.2	46.5	43.8	45.5	52.4	52.6	52.8	53.2	51.7	50.7	51.2

Source and explanation: Notes to Table A-2 and Supplementary Appendixes G and H.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b According to the sex and age composition of the population of the United States in 1940. For explanation of standardization, see Chapter 3.

TABLE A-4

United States:
Labor Force by Sex and Age Group, Color, and Nativity, April, 1890-1950

Age Group	NATIVE WHITE					FOREIGN-BORN WHITE					NONWHITE							
	1890	1900	1920	1930	1940	1950	1890	1900	1920	1930	1940	1950	1890	1900	1920	1930	1940	1950
	NUMBER IN MILLIONS ^a																	
	MALES																	
10-13	0.3	0.3	0.1	0.0	...	...	0.0	0.0	0.0	0.0	...	...	0.2	0.2	0.1	0.1	...	...
14-19	1.7	2.1	2.4	2.4	2.2	2.2	0.2	0.3	0.2	0.1	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.3
20-24	2.0	2.4	3.2	3.8	4.4	4.1	0.5	0.4	0.4	0.4	0.1	0.1	0.3	0.5	0.5	0.6	0.5	0.5
25-44	5.7	7.2	10.8	13.0	15.2	17.9	2.1	2.4	3.5	3.1	1.7	0.9	0.9	1.1	1.5	1.7	1.8	2.0
45-64	2.4	3.2	5.6	7.1	8.4	10.0	1.3	1.4	2.2	2.5	2.6	2.3	0.4	0.5	0.8	0.9	0.9	1.1
65 & older	0.6	0.7	1.0	1.3	1.2	1.7	0.2	0.3	0.4	0.5	0.4	0.5	0.1	0.1	0.1	0.2	0.2	0.2
14-24	3.7	4.5	5.6	6.2	6.5	6.3	0.7	0.7	0.6	0.5	0.1	0.1	0.7	0.9	0.9	1.0	0.9	0.8
14 & older	12.4	15.6	23.0	27.6	31.3	35.9	4.3	4.8	6.7	6.6	4.8	3.8	2.1	2.6	3.3	3.8	3.8	4.1
10 & older	12.7	15.9	23.1	27.6	31.3	35.9	4.3	4.8	6.7	6.6	4.8	3.8	2.3	2.8	3.4	3.9	3.8	4.1
0 & older	12.7	15.9	23.1	27.6	31.3	35.9	4.3	4.8	6.7	6.6	4.8	3.8	2.3	2.8	3.4	3.9	3.8	4.1
	FEMALES																	
10-13	0.1	0.1	0.0	0.0	...	...	0.0	0.0	0.0	...	...	...	0.0	0.1	0.1	0.1	...	...
14-19	0.6	0.8	1.3	1.2	1.1	1.3	0.2	0.2	0.1	0.1	0.0	0.0	0.2	0.3	0.2	0.3	0.2	0.1
20-24	0.6	0.8	1.3	1.9	2.3	2.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3
25-44	0.7	1.0	2.3	3.0	4.5	6.0	0.3	0.3	0.5	0.6	0.5	0.3	0.3	0.5	0.7	0.9	1.0	1.1
45-64	0.2	0.3	0.7	1.3	1.9	3.3	0.1	0.2	0.3	0.3	0.4	0.6	0.2	0.2	0.3	0.3	0.3	0.5
65 & older	0.1	0.1	0.2	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
14-24	1.2	1.6	2.6	3.1	3.4	3.5	0.4	0.4	0.3	0.3	0.1	0.1	0.3	0.5	0.5	0.6	0.5	0.4
14 & older	2.2	3.0	5.8	7.7	10.1	13.2	0.8	0.9	1.1	1.2	1.0	1.1	0.8	1.2	1.5	1.8	1.8	2.0
10 & older	2.3	3.1	5.8	7.7	10.1	13.2	0.8	0.9	1.1	1.2	1.0	1.1	0.8	1.3	1.6	1.9	1.8	2.0
0 & older	2.3	3.1	5.8	7.7	10.1	13.2	0.8	0.9	1.1	1.2	1.0	1.1	0.8	1.3	1.6	1.9	1.8	2.0
	BOTH SEXES																	
14 & older	14.6	18.6	28.8	35.3	41.4	49.1	5.1	5.7	7.8	7.8	5.8	4.9	2.9	3.8	4.8	5.6	5.6	6.1
10 & older	15.0	19.0	28.9	35.3	41.4	49.1	5.1	5.7	7.8	7.8	5.8	4.9	3.1	4.1	5.0	5.8	5.6	6.1
0 & older	15.0	19.0	28.9	35.3	41.4	49.1	5.1	5.7	7.8	7.8	5.8	4.9	3.1	4.1	5.0	5.8	5.6	6.1

TABLE A-4, continued

Age Group	NATIVE WHITE			FOREIGN-BORN WHITE			NONWHITE					
	1890	1920	1940	1890	1920	1940	1890	1900	1920	1930	1940	1950
	PER CENT OF POPULATION OF SAME SEX AND AGE GROUP, UNSTANDARDIZED*											
	M A L E S											
10-13	12.7	14.1	4.3	2.2	13.3	10.2	2.4	46.8	41.3	19.3	12.2	...
14-19	52.3	57.4	50.2	38.6	83.1	79.7	65.9	70.3	73.7	64.1	57.8	45.5
20-24	90.7	91.6	90.1	89.3	96.6	91.9	95.4	93.7	92.3	92.6	93.1	88.9
25-44	97.3	96.0	96.9	97.5	98.4	97.3	98.0	97.6	95.4	96.8	96.8	92.3
45-64	94.9	93.0	93.5	94.2	94.7	93.0	93.3	97.9	95.9	96.4	96.0	87.9
65 & older	74.2	69.3	61.1	59.7	69.0	62.1	52.4	87.4	83.0	79.5	73.8	48.4
14-24	68.4	71.9	67.3	60.0	91.4	87.0	83.7	79.8	82.0	76.5	73.3	63.7
14 & older	84.9	85.7	84.8	82.5	93.8	91.3	90.9	90.3	89.9	89.5	88.2	79.9
10 & older	75.1	76.4	75.3	73.5	91.2	89.5	89.4	83.6	83.3	81.2	79.1	71.5
0 & older	54.3	55.6	56.4	57.1	88.1	87.8	88.2	58.6	61.1	62.4	62.4	56.7
	F E M A L E S											
10-13	2.7	3.0	1.5	0.7	7.8	6.0	1.6	18.8	24.6	13.0	7.5	...
14-19	19.0	21.0	26.2	21.1	54.8	55.2	46.3	38.2	45.5	34.9	30.5	21.3
20-24	25.1	27.5	37.3	41.4	45.6	43.3	37.6	47.3	46.2	43.7	45.5	43.8
25-44	12.0	14.9	20.2	23.4	16.2	16.6	18.6	37.0	40.9	44.4	46.5	44.8
45-64	10.0	11.5	15.1	17.3	10.0	10.9	13.8	37.4	40.9	44.7	43.8	35.8
65 & older	6.7	7.8	7.0	7.6	6.2	6.2	5.8	25.2	27.4	26.7	22.5	12.0
14-24	21.5	23.8	31.1	29.8	49.3	48.2	41.0	41.9	45.8	38.8	37.3	31.2
14 & older	15.0	17.1	21.8	23.0	19.9	19.5	18.7	38.5	42.2	41.7	41.8	36.8
10 & older	13.4	15.3	19.4	20.6	19.5	19.1	18.3	35.6	39.9	38.2	37.8	33.7
0 & older	9.7	11.1	14.6	16.1	18.7	18.7	18.1	24.9	28.9	29.4	29.8	26.6
	B O T H S E X E S											
14 & older	50.4	51.9	53.5	52.8	60.2	58.3	58.4	64.7	66.2	65.8	64.9	57.8
10 & older	44.6	46.3	47.5	47.1	58.5	57.2	57.4	59.9	61.8	59.8	58.4	51.8
0 & older	32.3	33.7	35.6	36.7	56.4	56.0	56.6	41.9	45.1	46.1	46.0	41.4

TABLE A-4, continued

Age Group	NATIVE WHITE					FOREIGN-BORN WHITE					NONWHITE							
	1890	1900	1920	1940	1950	1890	1900	1920	1940	1950	1890	1900	1920	1940	1950			
	PER CENT OF POPULATION OF SAME SEX AND AGE GROUP, STANDARDIZED*																	
	MALES																	
14 & older ^b	89.3	86.7	85.3	83.8	79.1	78.8	92.5	89.9	87.8	85.7	78.4	78.8	92.3	90.9	89.9	88.5	80.1	76.4
14 & older ^c	89.0	86.7	85.4	83.7	79.1	78.9												
10 & older ^b	80.9	80.5	78.3	76.8	72.3	72.1	85.7	83.1	80.5	78.4	71.7	72.1	88.4	86.7	83.9	81.9	73.3	69.9
10 & older ^c	80.5	80.5	78.3	76.7	72.3	72.2												
	FEMALES																	
14 & older ^b	13.6	15.8	20.6	22.2	24.6	28.9	22.7	22.9	22.5	24.1	25.9	28.8	37.4	40.9	41.4	41.2	36.0	36.4
14 & older ^c	16.3	17.7	21.3	22.2	24.6	28.1												
10 & older ^b	12.7	14.7	19.0	20.4	22.5	26.5	21.5	21.5	20.7	22.1	23.7	26.4	35.9	39.6	39.0	38.4	33.0	33.3
10 & older ^c	15.2	16.4	19.6	20.4	22.5	25.8												
	BOTH SEXES																	
14 & older ^b	50.4	51.2	52.9	53.0	51.8	53.8	57.6	56.4	55.1	54.9	52.1	53.8	64.9	65.9	65.7	64.8	58.1	56.4
14 & older ^c	51.6	52.1	53.3	52.9	51.8	53.4												
10 & older ^b	46.8	47.6	48.7	48.6	47.4	49.3	53.6	52.3	50.6	50.3	47.7	49.2	62.2	63.2	61.5	60.2	53.2	51.6
10 & older ^c	47.8	48.4	49.1	48.5	47.4	49.0												

Source: Censuses of the United States: 1890, *Population*, Vol. I, Part 2, pp. 378-407; 1900, *Population*, Vol. II, Part II, pp. xxxvi-xxxix, and (Special Reports) *Occupations*, pp. 20-35; 1930, *Population*, Vol. II, p. 596, Vol. IV, p. 41; 1940, *Population*, Vol. IV, Part I, p. 90, and *Population, Education*, pp. 75-82; 1950, *Population, Employment and Personal Characteristics*, P-E, No. 1A, p. 62.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b Standardized according to the age or age-sex composition of the population of all classes in the United States in 1940.

^c Standardized according to the age or age-sex composition of the population of all classes in the United States in 1940. Partially standardized for rural-urban residence on the assumption that the effect of rural-urban migration would be the same for native whites as for all classes. This partial standardization was accomplished by taking the excess of the labor force participation rate of all classes, standardized for age or age-sex and rural-urban composition, over that standardized for age or age-sex alone, and adding the excess to the native white labor force participation rate, standardized for age or age-sex only.

Explanation of standardization: Chapter 3, section on *The Method*.

APPENDIX A

TABLE A-5

United States:
Armed Forces by Sex and Age Group, April, 1890-1950

Officers and Enlisted Personnel ^a

(Thousands)

Age Group ^b	1890	1900	1910	1920	1930	1940	1950
M A L E S							
14-19	2	6	10	53	18	47	300
20-24	6	19	31	85	49	100	451
25-44	18	19	37	82	59	106	534
45-64	2	1	5	6	7	25	24
65 & older	-	-	-	-	-	-	-
14-24	8	25	41	138	67	147	751
14 & older	28	45	83	226	133	278	1309
F E M A L E S							
14-19	-	-	-	-	-	-	2
20-24	-	-	-	-	-	-	5
25-44	-	-	-	-	-	-	13
45-64	-	-	-	-	-	-	1
65 & older	-	-	-	-	-	-	-
14-24	-	-	-	-	-	-	7
14 & older	-	-	-	-	-	-	21
B O T H S E X E S							
14 & older	28	45	83	226	133	278	1330
Stationed abroad	9	89	52	118	113	150	150
Total	37	134	135	344	246	428	1480

Source: H. Exec. Documents, 51st Cong., 1st sess., VIII, p. 52; 2d sess., II, p. 68; 56th Cong., 1st sess., xv, p. 67; 2d sess., II, p. 6. Annual reports of the Secretary of the Navy: 1920, p. 220; 1930, pp. 16-28; 1935, p. 14; 1940, p. 16. Annual reports of the Secretary of War: 1910, I, p. 166; 1920, I, p. 283; 1930, p. 314; 1935, p. 88; 1941, p. 104. Census reports: 1890, *Population*, Vol. I, Part 2, pp. 372-373; 1900 (Special Reports), *Occupations*, pp. 16-17; 1910, *Population*, Vol. IV, pp. 428-429; 1920, *Population*, Vol. IV, pp. 392-393; 1930, *Population*, Vol. V, pp. 132-133; 1940, *Population*, Vol. III, *The Labor Force*, Part 1, p. 99; 1950, *Current Population Reports, Monthly Report on the Labor Force*, P-57, No. 94.

^a Excluded were those stationed abroad and not considered as part of the population of continental United States during 1890-1940, and 150,000 in 1950. During 1890 and 1900 monthly averages of yearly census enumerations were used for April; for 1910-1940 estimates for April relied on monthly reports of the Army, and on interpolations of the June strength of the Navy and Marine Corps; and for 1950 Bureau of the Census estimates for April were used.

^b Age distribution for 1890-1940 was based on returns at each population census covering the armed forces in continental United States; for 1950 it was based on information obtained from the Bureau of the Census (letter of July 10, 1950).

TABLE A-6
 United States:
 Females in the Labor Force by Marital Status and Age Group, April, 1890-1950

Age Group	Number in millions ^a					Per Cent of Female Population of Same Marital Status ^a						
	1890	1900	1910	1920	1930	1890	1900	1910	1920	1930	1940	1950
	Single Women											
16-44	2.3 ^b	...	...	...	5.1	4.2	43.7	...	...	56.2	54.5	54.5
45 & older	0.1 ^{b, c}	...	...	...	0.6 ^{b, c}	0.9	34.5	...	...	47.5	45.7	49.8
16 & older	2.4 ^b	3.1 ^b	4.4 ^b	...	5.7 ^b	5.1	43.1	45.9	54.0	55.2	53.1	53.6
16 & older ^d						42.5	...	...	...	55.0	53.1	53.9
	Married Women											
16-44	0.4	...	...	1.5	2.4	5.6	5.1	...	10.0	13.6	16.6	24.4
45 & older	0.1 ^c	...	...	0.4 ^c	0.7	2.1	3.5	...	6.6	7.8	8.6	16.6
16 & older	0.5	0.8	1.9	1.9	3.1	7.7	4.6	5.6	10.7	11.7	13.8	21.6
16 & older ^d						4.5	...	...	8.8	11.6	13.8	21.7
	Widows or Divorcees											
16-44	0.3	...	...	...	0.9	1.6	52.0	...	...	67.5	61.8	61.5
45 & older	0.4 ^c	...	...	...	0.9 ^c	1.9	22.5	...	...	23.9	22.2	26.1
16 & older	0.7	0.9	1.1	...	1.8	3.5	29.9	32.5	34.1	34.4	33.7	35.5
16 & older ^d						31.0	...	...	...	36.4	33.7	36.4
	All Women											
	UNSTANDARDIZED											
16-44	3.0	4.0	6.2	6.6	8.4	11.4	21.7	23.6	29.3	27.9	32.4	34.3
45 & older	0.6	0.8	1.2	1.5	2.2	4.9	11.8	12.8	15.7	15.0	16.4	22.6
16 & older	3.6	4.8	7.4	8.1	10.6	16.3	19.0	20.6	25.5	24.0	26.7	29.7
	STANDARDIZED ^d											
16-44	2.6	...	...	...	8.5	13.1	21.3	...	...	31.7	32.4	37.1
45 & older	0.9	...	...	...	2.5	4.5	12.6	...	...	16.7	16.4	22.7
16 & older	3.5	...	...	...	11.0	17.6	18.2	...	...	26.3	26.7	31.9

notes to table on following page

Notes to Table A-6

Source: Censuses of the United States: 1900 (Special Reports), *Statistics of Women at Work*, pp. 14-20; Joseph A. Hill, *Women in Gainful Occupations, 1870 to 1920, Census Monographs IX*, pp. 19, 23, 67-77, 230, 242-243; 1920, *Population—Occupations*, Vol. IV, p. 692; 1930, *Population*, Vol. II (Statistics by Subject), pp. 837-838, 843, 845-846, and Vol. V, *Occupations*, pp. 272-274; 1940, *Population*, Vol. III, *The Labor Force*, Part I, p. 22; 1950, *Population, Employment and Personal Characteristics*, P-E No. 1A, p. 112.

^aTotals and percentages were computed before data on population and labor force were rounded.

^bInclude "marital status unknown." Single women 16-44 in the population and labor force were derived by assuming that half of the girls 14-17 were 16 or 17, and that the number of girls 14 or 15 who were married, widowed, or divorced was negligible.

^cInclude "age unknown."

^dStandardized according to marital status and age in 1940. For explanation of standardization, see Chapter 3.

TABLE A-7

United States:

Labor Force of Nonwhites per 1,000 Nonwhite Population of Same Age, Sex, and Type of Area, Urban and Rural Areas, 1940 and 1950

	14 and Older ^a		14-17		18-24		25-34		35-44		45-64		65 and Older	
	1940	1950	1940	1950	1940	1950	1940	1950	1940	1950	1940	1950	1940	1950
Urban areas:														
Males	775	744	217	205	823	746	931	866	926	908	859	851	363	380
Females	446	409	123	104	534	429	573	499	543	550	438	439	128	116
Both sexes	611	576	167	152	658	569	733	667	725	720	652	644	231	237
Rural nonfarm areas:														
Males	743	688	289	289	783	735	866	768	866	831	820	761	371	330
Females	342	303	131	113	386	285	398	351	425	400	361	349	111	100
Both sexes	542	495	209	201	575	518	635	561	650	612	604	558	245	211
Rural farm areas:														
Males	856	870	434	512	877	878	946	951	956	964	941	937	677	658
Females	230	226	163	149	280	250	245	253	242	260	247	241	128	92
Both sexes	543	548	301	338	586	564	600	583	594	606	622	606	434	409

Source: Censuses of the United States: 1940, *Population, The Labor Force* (Sample Statistics), *Employment and Personal Characteristics*, pp. 31-32; 1950 (Special Reports), P-E No. 1A, pp. 62-67.

^a Standardized for age or sex on the basis of population of the United States in 1940. For explanation of standardization, see Chapter 3.

APPENDIX A

TABLE A-7A

United States:

Labor Force as Per Cent of Population 14 and Older of Same Sex,
38 Large Cities, 1900-1950^a

STANDARDIZED FOR AGE AND SEX COMPOSITION^b

	<i>Males</i>					<i>Females</i>				
	1900	1920	1930	1940	1950	1900	1920	1930	1940	1950
Atlanta	89.0	91.5	88.0	83.6	78.9	40.9	39.1	41.3	42.0	45.1
Baltimore	90.3	91.0	88.1	81.8	81.6	30.1	33.3	33.2	34.7	36.6
Birmingham	...	89.7	87.2	83.3	82.4 ^c	...	29.4	30.9	31.8	28.9 ^c
Boston	87.5	89.5	85.3	80.2	74.3	31.9	37.4	36.4	36.6	38.3
Bridgeport	91.0	90.0	88.0	82.9	81.6	28.5	31.0	32.4	39.3	39.0
Buffalo	89.0	88.5	85.8	82.1	82.2	22.1	27.2	27.5	29.9	33.5
Chicago	90.0	90.2	86.6	82.6	81.6	23.7	31.8	31.5	35.0	38.0
Cincinnati	91.5	89.3	86.0	81.0	79.5	28.8	31.9	31.0	32.4	34.8
Cleveland	89.9	89.5	86.2	82.6	82.9	21.8	26.5	29.5	31.9	36.6
Columbus	82.9	86.5	83.7	76.5	74.7	23.4	28.0	31.3	31.8	39.8
Dallas	...	89.2	87.1	83.0	83.6	...	33.4	35.2	39.5	41.7
Denver	85.1	87.7	84.9	79.9	79.9	23.3	30.4	33.0	31.7	36.9
Detroit	90.8	90.2	87.1	84.8	84.4	24.3	24.8	25.1	28.8	31.9
Houston	...	91.1	87.7	82.7	79.5	...	31.2	32.0	34.6	36.1
Indianapolis	89.9	90.2	86.6	82.2	84.2	23.8	29.7	32.0	32.7	40.9
Kansas City	89.9	88.9	87.4	83.9	81.5	24.7	30.9	34.3	36.7	38.6
Los Angeles	85.7	85.0	83.0	78.0	79.4	21.1	29.8	32.6	33.6	38.4
Louisville	90.5	90.8	87.7	83.0	82.2	28.5	35.9	32.6	33.8	33.6
Memphis	92.4	90.3	86.5	83.6	81.2	39.3	36.0	34.7	37.4	37.2
Milwaukee	90.9	90.6	86.1	81.5	84.8	23.8	30.2	29.0	31.9	39.2
Minneapolis	87.6	87.1	85.5	81.1	79.7	25.4	31.0	34.8	33.6	43.6
Newark	91.5	90.6	87.5	82.2	78.4	25.7	28.4	32.1	36.0	39.2
New Haven	86.8	89.9	86.4	81.8	74.4	27.7	32.4	33.2	38.2	39.3
New Orleans	89.5	90.8	88.0	82.7	77.3	25.9	32.9	33.3	34.6	33.7
New York	90.6	89.6	86.8	81.6	79.8	27.9	33.0	32.0	35.3	38.4
Norfolk	...	91.4	87.4	85.0	86.7 ^c	...	33.2	33.6	33.2	30.3 ^c
Omaha	89.9	88.5	85.1	82.5	81.4 ^c	25.9	29.8	31.5	32.2	33.4 ^c
Philadelphia	90.7	89.8	87.8	82.4	78.7	29.4	32.2	33.4	35.7	37.0
Pittsburgh	91.0	89.3	85.7	82.0	78.9	19.8	27.2	27.8	29.7	31.7
Portland, Ore.	90.8	87.0	86.3	81.2	82.3	23.9	29.4	33.4	33.5	40.3
Providence	92.0	90.6	87.5	83.9	76.6	33.6	38.1	37.3	40.4	41.2
Richmond	86.3	88.9	86.6	81.8	79.6 ^c	35.5	37.4	37.4	44.1	40.7 ^c
Rochester	88.7	89.1	84.9	80.6	79.6	31.2	34.3	33.9	36.8	41.1
St. Louis	90.9	91.1	88.0	83.9	79.6	24.4	32.9	32.2	35.9	39.3
St. Paul	88.6	88.5	85.4	82.1	81.2	26.3	31.2	32.0	33.9	38.0
San Francisco	88.5	88.4	85.1	79.2	75.7	24.2	32.8	34.6	36.6	42.8
Scranton	92.1	90.3	86.3	81.5	77.7 ^c	22.3	26.4	26.6	30.9	33.7 ^c
Seattle	84.9	86.8	85.3	79.7	78.9	20.0	28.5	32.0	32.9	39.4
All Areas	90.0	89.5	86.5	81.9	80.3	26.7	31.6	31.9	34.5	37.5

APPENDIX A

TABLE A-7A, *continued*

	<i>Both Sexes</i>				
	1900	1920	1930	1940	1950
Atlanta	65.3	65.6	65.0	63.1	62.3
Baltimore	60.6	62.5	61.0	58.6	59.5
Birmingham	...	60.0	59.4	57.9	56.0 ^c
Boston	60.1	63.8	61.2	58.7	56.6
Bridgeport	60.2	60.9	60.6	61.5	60.6
Buffalo	56.2	58.3	57.1	56.3	58.2
Chicago	57.4	61.5	59.5	59.1	60.1
Cincinnati	60.6	61.0	58.9	57.1	57.5
Cleveland	56.3	58.5	58.3	57.6	60.1
Columbus	53.6	57.7	57.9	54.5	57.5
Dallas	...	61.7	61.6	61.6	62.9
Denver	54.7	59.5	59.4	56.2	58.7
Detroit	58.0	58.0	56.5	57.2	58.5
Houston	...	61.6	60.2	59.0	58.1
Indianapolis	57.3	60.4	59.7	57.9	62.8
Kansas City	57.8	60.3	61.2	60.7	60.4
Los Angeles	53.9	57.8	58.2	56.1	59.2
Louisville	59.9	63.8	60.5	58.8	58.3
Memphis	66.3	63.5	61.0	60.8	59.5
Milwaukee	57.8	60.9	57.9	57.0	62.3
Minneapolis	57.0	59.5	60.5	57.7	61.9
Newark	59.1	60.0	60.2	59.5	59.1
New Haven	57.7	61.6	60.2	60.3	57.1
New Orleans	58.1	62.3	61.0	59.0	55.8
New York	59.7	61.7	59.8	58.8	59.4
Norfolk	...	62.7	60.9	59.5	58.9 ^c
Omaha	58.4	59.6	58.7	57.7	57.7 ^c
Philadelphia	60.5	61.4	61.0	59.4	58.2
Pittsburgh	55.9	58.7	57.2	56.2	55.7
Portland, Ore.	57.9	58.6	60.2	57.7	61.6
Providence	63.2	64.7	62.7	62.5	59.2
Richmond	61.2	63.5	62.4	63.2	60.4 ^c
Rochester	60.4	62.1	59.8	59.0	60.6
St. Louis	58.1	62.5	60.5	60.2	59.7
St. Paul	57.9	60.3	59.1	58.4	59.9
San Francisco	56.8	61.0	60.2	58.2	59.5
Scranton	57.7	58.8	56.9	56.6	56.0 ^c
Seattle	52.9	58.1	59.0	56.6	59.4
All areas	58.8	61.0	59.6	58.5	59.2

Source: *Census of 1900: Abstract*, pp. 109-111, and (Special Reports), *Occupations*, pp. 480-763. *Census of Population: 1920*, Vol. IV, pp. 452-454; 1930, Vol. II, pp. 724-805, and Vol. IV, pp. 66-67, 96, 440; 1940, Vol. II, Part 1, pp. 119-151, and Vol. III, *The Labor Force*, Part 1, pp. 65-68; 1950, *Preliminary Reports*, series PC-5.

^a The 38-city study omitted 1890 and 1910 because of the difficulty presented by the probability of varying degrees of overcount or undercount in the different cities in these years.

^b The standard age and sex composition is that of Chicago in 1930. For explanation of standardization, see Chapter 3 in the section on *The Method*.

^c Standard metropolitan area.

APPENDIX A

TABLE A-8

Great Britain:

Labor Force by Sex and Age Group, 1841, 1881, and 1891, Actual and Standardized

Age Group	Number in millions ^a			Per Cent of Population of Same Age Group and Sex ^a		
	1841	1881 ^b	1891	1841 ^c	1881 ^b	1891
M A L E S						
10-19	0.8	1.7	2.0	42.7	55.0	56.9
20 & older	4.4	7.1	7.9	89.7	94.2	93.3
10 & older	5.2	8.8	9.9	76.4	82.9	82.6
10 & older ^d	5.6	9.4	10.7	79.4	85.6	85.3
0 & older	5.2	8.8	9.9	57.0	61.0	62.2
F E M A L E S						
10-19	0.6	1.3	1.5	29.3	40.8	41.5
20 & older	1.2	2.6	3.0	23.6	31.1	31.3
10 & older	1.8	3.9	4.5	25.1	33.7	34.0
10 & older ^d	1.7	3.7	4.2	24.8	33.2	33.5
0 & older	1.8	3.9	4.5	18.9	25.3	26.1
B O T H S E X E S						
10 & older ^c	7.8 ^c	12.7	14.4	55.8	57.4	57.3
10 & older ^d	7.3	13.1	14.9	57.7	59.4	59.4
0 & older	7.8 ^c	12.7	14.4	41.9	42.6	43.6

Source, concepts, and discussion of statistical weaknesses: Chapter 3 and Appendix F.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b Some persons 5-9 were reported as occupied; these were classified in the 10-19 group.

^c Including an estimate of unemployed in 1841; unemployed workers were excluded from the original figures.

^d Standardized for age and sex composition on the basis of the population of the United States in 1940. For explanation of standardization, see Chapter 3.

APPENDIX A

TABLE A-9

Great Britain:

Population and Labor Force by Sex and Age Group, 1911-1951

Age Group	POPULATION (millions) ^a					LABOR FORCE (millions) ^{a, b}				
	1911 Apr.	1921 June	1931 Apr.	1939 ^c June	1951 Apr.	1911 Apr.	1921 June	1931 Apr.	1939 ^d June	1951 Apr.
M A L E S										
14-17	1.5	1.6	1.5	1.6	1.3	1.3	1.3	1.1	1.3	0.6
18-24	2.5	2.4	2.7	2.6	2.1	2.4	2.3	2.6	2.5	2.2
25-44	5.8	5.7	6.2	7.1	7.1	5.7	5.6	6.1	7.1	7.0
45-64	3.1	4.0	4.6	4.8	5.4	2.9	3.7	4.3	4.6	5.2
65 & older	0.9	1.1	1.4	1.8	2.2	0.5	0.7	0.7	0.6	0.7
14-24	4.0	4.0	4.2	4.2	3.4	3.7	3.6	3.7	3.8	2.8
14 & older	13.8	14.8	16.4	17.9	18.1	12.8	13.6	14.8	16.1	15.7
0 & older	19.7	20.4	21.5	22.6	23.4	12.8	13.6	14.8	16.1	15.7
F E M A L E S										
14-17	1.5	1.6	1.5	1.6	1.3	0.9	1.0	1.0	1.1	0.5
18-24	2.7	2.7	2.8	2.5	2.3	1.7	1.8	2.0	1.9	1.8
25-44	6.3	6.7	7.0	7.5	7.4	1.9	1.9	2.2	2.5	2.6
45-64	3.5	4.3	5.1	5.6	6.3	0.8	0.9	1.0	1.1	1.8
65 & older	1.2	1.5	1.9	2.4	3.1	0.1	0.1	0.1	0.2	0.2
14-24	4.2	4.3	4.3	4.1	3.6	2.6	2.8	3.0	3.0	2.3
14 & older	15.2	16.8	18.3	19.6	20.4	5.4	5.7	6.3	6.8	6.9
0 & older	21.1	22.4	23.3	24.1	25.4	5.4	5.7	6.3	6.8	6.9
B O T H S E X E S										
14 & older	29.0	31.6	34.7	37.5	38.5	18.2	19.3	21.1	22.9	22.6
0 & older	40.8	42.8	44.8	46.7	48.8	18.2	19.3	21.1	22.9	22.6

APPENDIX A

TABLE A-9, continued

LABOR FORCE					
PER CENT OF POPULATION OF SAME SEX AND AGE GROUP ^{a, b}					
Age Group	1911	1921	1931	1939 ^{c, d}	1951
M A L E S					
14-17	82.6	77.9	76.5	80.9	56.2
18-24	96.9	96.9	96.4	97.0	95.8
25-44	98.5	97.9	98.3	98.5	98.4
45-64	94.1	94.8	94.3	95.0	95.4
65 & older	56.8	58.9	47.9	37.5	31.9
14-24	91.4	89.3	89.3	90.9	81.1
14 & older	92.7	91.8	90.5	89.7	86.3
14 & older ^e	91.9	91.6	90.4	90.3	87.3
0 & older	64.9	66.7	68.9	71.2	66.9
F E M A L E S					
14-17	58.6	57.8	63.9	72.7	56.3
18-24	65.4	66.5	70.9	75.8	70.3
25-44	29.3	28.5	30.9	33.3	35.7
45-64	21.6	20.1	19.6	19.8	28.4
65 & older	11.5	10.0	8.2	8.5	5.3
14-24	62.9	63.3	68.4	74.6	65.4
14 & older	35.4	33.7	34.2	35.0	34.0
14 & older ^e	34.5	33.8	35.8	38.5	38.8
0 & older	25.5	25.4	26.8	28.4	27.2
B O T H S E X E S					
14 & older	62.7	60.9	60.7	61.1	58.7
14 & older ^e	63.2	62.7	63.1	64.4	63.1
0 & older	44.6	45.1	47.0	49.0	46.2

Source and discussion: Chapter 3 and Appendix F.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b To adjust for the British practice after 1939 of counting a part-time worker as half a member of the labor force, persons occupied less than full time were treated as regular workers in this study for comparison with U.S. data.

^c Population in 1939 was based on the National Registration in September. The estimate of 250,000 armed forces overseas and seamen at sea was added to the resident population. All reported ages were converted to uniform grouping by linear interpolation within the five-year age groups.

^d For discussion of the 1939 labor force estimate see notes to Appendix Table B-4.

^e Standardized for sex and age composition on the basis of the population of the United States in 1940. For explanation of standardization, see Chapter 3, section on *The Method*.

APPENDIX A

TABLE A-10

Great Britain:

Females in the Labor Force by Marital Status and Age Group, 1911-1951

Age Group	Number in millions ^a				Per Cent of Female Population of Same Marital Status and Age Group ^a			
	1911	1921	1931	1951	1911	1921	1931	1951
	April	June	April	April	April	June	April	April
Single Women								
16-44	3.5 ^b	3.7 ^c	4.0	2.8	73.5	77.2	80.0	86.4
45 & older	0.3	0.4 ^c	0.5	0.7	46.5	47.7	48.1	46.2
16 & older ^d	3.8	4.1 ^c	4.5	3.5	70.1	72.5	74.0	73.7
					68.4	71.7	74.0	78.9
Married Women								
16-44	0.5	0.5	0.7	1.8	10.2	9.5	12.4	26.3
45 & older	0.2	0.3	0.3	0.8	8.6	7.4	7.0	15.5
16 & older ^d	0.7	0.8	1.0	2.6	9.6	8.7	10.1	21.5
					9.5	8.6	10.1	21.7
Widows or Divorcees								
16-44	0.1	0.2	0.1	0.2	61.5	45.5	47.3	66.1
45 & older	0.4	0.3	0.3	0.4	24.9	21.3	17.9	16.6
16 & older ^d	0.5	0.5	0.4	0.6	29.4	25.5	21.2	20.9
					30.0	24.0	21.2	22.2
All Women								
UNSTANDARDIZED								
16-44	4.1	4.4	4.8	4.8	42.3	42.5	44.8	46.3
45 & older	0.9	1.0	1.1	1.9	18.9	17.5	16.5	20.7
16 & older	5.0	5.4	5.9	6.7	34.7	33.5	33.5	34.1
STANDARDIZED ^d								
16-44	3.5	4.1	4.8	6.6	40.9	41.9	44.8	55.3
45 & older	1.1	1.1	1.1	1.6	19.0	17.6	16.5	20.8
16 & older	4.6	5.2	5.9	8.2	32.2	32.3	33.5	41.6

Source: *Censuses of England and Wales: 1911*, pp. 90-91, 165; *1921, Occupations*, p. 54; *1931, Occupations*, pp. 23, 39. *Censuses of Scotland: 1911*, Vol. II, pp. 227, 297, 378, 436 and LXXIV; *1921*, Vol. II, pp. 171-172; *1931*, Vol. III, pp. xvii, xxiii, xxv, xxviii, 138. *Census of Great Britain: 1951*, Part I, p. 56.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b Single women 15 and older in the labor force in 1911 were reported in quinquennial age subdivisions; the number aged 16-19 was regarded as five-sixths of the number aged 15-19.

^c Single women were not classified separately in 1921; computations were made by subtracting the number of married and widowed women from the total female labor force.

^d Standardized according to distribution by marital status and age in 1931. For explanation of standardization, see Chapter 3, section on *The Method*.

TABLE A-11

Canada:

Population and Labor Force by Sex and Age Group (Excluding Yukon and Northwest Territories), June, 1911-1951

Age Group	POPULATION (thousands)					LABOR FORCE (thousands)					LABOR FORCE (Per cent of population of same sex and age group)				
	1911	1921	1931	1941	1951	1911*	1921*	1931*	1941	1951	1911	1921	1931	1941	1951
	M A L E S														
14-19	424	493	629	676	647	274	295	323	378	311	64.6	59.8	51.4	55.9	48.1
20-24	385	351	465	517	538	355	324	429	491	494	92.2	92.3	92.3	95.0	91.8
25-44	1,146	1,324	1,486	1,662	2,015	1,113	1,280	1,451	1,625	1,941	97.1	96.7	97.6	97.8	96.3
45-64	537	708	939	1,140	1,285	507	651	890	1,064	1,164	94.4	91.9	94.8	93.4	90.6
65 & older	194	214	294	390	551	101	125	164	184	212	52.1	58.4	55.8	47.2	38.5
14-24	809	844	1,094	1,193	1,185	629	619	752	869	805	77.8	73.3	68.7	72.8	67.9
14 & older	2,686	3,090	3,813	4,385	5,036	2,350	2,675	3,257	3,743	4,122	87.5	86.6	85.4	85.4	81.9
14 & older ^b	2,480	2,968	3,645	4,258	4,992	2,161	2,558	3,129	3,653	4,103	87.1	86.2	85.8	85.8	82.2
14 & older ^c											87.2	86.3	85.7	85.8	82.3
0 & older	3,812	4,522	5,367	5,891	7,089	2,350	2,675	3,257	3,743	4,122	61.6	59.2	60.7	63.5	58.1
	F E M A L E S														
14-19	398	484	614	662	636	107	116	133	203	197	26.9	24.0	21.7	30.7	31.0
20-24	320	360	447	514	551	76	126	189	243	258	23.8	35.0	42.3	47.3	46.8
25-44	917	1,184	1,345	1,580	2,027	124	172	241	333	468	13.5	14.5	17.9	21.1	23.1
45-64	467	612	791	997	1,199	44	62	85	120	214	9.4	10.1	10.7	12.0	17.8
65 & older	172	205	280	377	535	9	13	17	21	27	5.2	6.3	6.1	5.6	5.0

TABLE A-11, continued

Age Group	POPULATION (thousands)				LABOR FORCE (thousands)				LABOR FORCE (Per cent of population of same sex and age group)						
	1911	1921	1931	1941	1951	1911 ^a	1921 ^a	1931 ^a	1941	1951	1911	1921	1931	1941	1951
14-24	718	844	1,061	1,176	1,187	183	242	322	446	455	25.5	28.7	30.3	37.9	38.3
14 & older	2,274	2,845	3,477	4,130	4,948	360	489	665	920	1,164	15.8	17.2	19.1	22.3	23.5
14 & older ^b	2,480	2,967	3,645	4,257	4,992	369	486	671	931	1,198	14.9	16.4	18.4	21.9	24.0
14 & older ^c											16.1	17.1	18.4	21.9	23.2
0 & older	3,380	4,253	4,996	5,599	6,920	360	489	665	920	1,164	10.7	11.5	13.3	16.4	16.8
						FEMALES (cont.)									
						BOTH SEXES									
14 & older	4,960	5,935	7,290	8,515	9,984	2,710	3,164	3,922	4,663	5,286	54.6	53.3	53.8	54.8	52.9
14 & older ^b	4,960	5,935	7,290	8,515	9,984	2,530	3,044	3,800	4,584	5,301	51.0	51.3	52.1	53.8	53.1
14 & older ^c											51.6	51.7	52.0	53.8	52.7
0 & older	7,192	8,775	10,363	11,490	14,009	2,710	3,164	3,922	4,663	5,286	37.7	36.1	37.8	40.6	37.7

Source and concept: Chapter 3 and Appendix F.

^a Minor adjustments were made during 1911-1931 to convert reported ages to uniform age groups. These adjustments did not disturb the labor force totals.

^b Standardized for age and sex composition on the basis of the population of the United States in 1940.

^c Standardized for age and sex composition on the basis of population of the United States in 1940, and partially standardized for rural-urban residence on the assumption that the effect of rural-urban migration would be the same in Canada as in the United States. This partial standardization was accomplished by taking the excess of the labor force participation rate of the United States, standardized for age or age-sex and rural-urban composition, over that standardized for age or age-sex alone and adding the excess to the labor force participation rate of Canada, standardized for age or age-sex only.

Explanation of standardization: Chapter 3, section on *The Method*.

APPENDIX A

TABLE A-12

Canada:
Females in the Labor Force by Marital Status and Age Group, 1921-1951

Age Group	Number in thousands				Per Cent of Female Population of Same Marital Status and Age Group			
	1921	1931	1941	1951	1921	1931	1941	1951
Single Women								
16-44	...	486	677	619	...	52.1	63.0	64.4
45 & older	...	44	57	94	...	38.3	38.8	50.8
16 & older	388	530	734	713	48.1	50.6	60.1	62.2
16 & older ^a					48.1 ^b	50.4	60.1	62.7
Married Women								
16-44	...	49	71	270	...	4.0	5.0	13.5
45 & older	...	18	15	79	...	2.5	1.7	7.0
16 & older	35	67	86	349	2.1	3.5	3.8	11.2
16 & older ^a					2.1 ^b	3.4	3.8	7.0
Widows or Divorcees								
16-44	...	20	13	24	...	46.5	20.6	49.0
45 & older	...	40	69	68	...	16.1	20.2	16.0
16 & older	52	60	82	92	21.7	20.5	20.2	19.4
16 & older ^a					21.7 ^b	20.8	20.2	21.1
All Women								
UNSTANDARDIZED								
16-44	400	555	761	913	21.5	25.2	29.9	30.4
45 & older	75	102	141	241	9.2	9.5	10.3	13.9
16 & older	475	657	902	1,154	17.7	20.1	23.0	24.4
STANDARDIZED ^a								
16-44	...	538	761	1,101	...	25.3	29.9	35.9
45 & older	...	113	141	232	...	9.8	10.3	14.0
16 & older	495 ^b	651	902	1,333	18.5 ^b	19.9	23.0	28.2

Source: *Census of Canada* (Ottawa, Dominion Bureau of Statistics): 1931, Vol. VII, pp. 4-5, 36-38; 1941, Vol. I, pp. 638-641, 802-803, Vol. III, pp. 14, 94-98, and Vol. VII, pp. 12-13, 54-55; 1951, Vol. IV, Table 11, and Vol. V, Table 17.

^a Standardized according to distribution by marital status and age in 1941.

^b Standardized according to distribution by marital status only in 1941.

Explanation of standardization: Chapter 3, section on *The Method*.

APPENDIX A

TABLE A-13

Canada:

Per Cent of Population 10 and Older in the Labor Force, 21 Cities,
1911, 1941, 1951

	PER CENT OF SAME SEX GROUP								
	Males			Females			Both Sexes		
	1911	1941	1951	1911	1941	1951	1911	1941	1951
Brantford	85.6	81.6	81.8	21.2	26.5	31.4	53.8	54.4	56.9
Calgary	80.6	77.6	80.0	15.0	21.0	29.9	48.3	49.6	55.3
Edmonton	84.1	77.3	79.8	20.9	23.8	29.0	52.9	50.9	54.7
Fort William	84.6	82.3	78.2	14.1	22.6	22.3	49.8	52.8	50.6
Halifax	81.3	78.8	79.5	22.6	28.7	31.6	52.4	54.1	55.9
Hamilton	84.7	80.8	81.8	23.9	25.8	32.0	54.7	53.7	57.3
Hull	85.8	76.8	80.6	17.7	22.0	26.5	52.2	49.8	53.9
Kingston	78.7	78.8	78.7	22.2	24.5	32.3	50.8	52.0	55.9
Kitchener	83.1	83.1	83.0	26.2	30.0	36.9	55.0	56.9	60.3
London	82.2	76.2	79.8	25.2	26.8	35.3	54.1	51.8	57.9
Montreal	82.2	78.1	79.1	21.2	27.4	30.7	52.1	53.1	55.2
Ottawa	83.4	77.6	78.4	22.5	33.2	35.1	53.3	55.7	57.1
Quebec	81.1	76.7	77.3	22.7	27.6	29.6	52.3	52.5	53.8
Regina	84.7	79.3	79.6	20.7	26.2	34.5	53.2	53.1	57.3
Saint John	82.1	79.4	77.6	20.8	25.6	28.8	51.9	52.8	53.5
Sherbrooke	84.4	79.1	79.0	23.6	32.1	30.5	54.4	55.9	55.1
Toronto	82.9	78.8	79.9	26.2	30.9	38.4	54.9	55.2	59.5
Vancouver	81.3	76.2	77.1	19.1	23.2	37.9	50.6	50.1	55.3
Victoria	80.8	78.6	77.0	14.9	24.1	34.5	48.3	51.7	56.0
Windsor	82.9	78.3	80.4	21.7	18.6	26.3	52.7	48.8	53.7
Winnipeg	84.5	77.4	79.5	22.0	26.2	35.6	53.7	52.1	57.9
Average									
10 and Older ^a	82.7	78.2	79.3	22.3	27.2	32.9	52.9	53.0	56.4
15 and Older ^a	90.9	86.8	87.9	24.4	30.2	36.5	58.1	58.9	62.6

Source: *Census of Canada*, Ottawa, Dominion Bureau of Statistics: 1911, Vol. VI, pp. 280-469; 1941, Vol. III, pp. 79-92, and Vol. VII, pp. 90-243; 1951, Vol. I, Table 24, and Vol. IV, Table 7.

^a Standardized for age or age-sex composition on the basis of the age and sex composition of the population of Chicago in 1930. For explanation of standardization, see Chapter 3.

APPENDIX A

TABLE A-14

New Zealand:

Population and Labor Force by Sex and Age Group, 1896-1951

Age Group	1896 (April 12)	1901 (March 31)	1906 (April 29)	1911 (April 2)	1921 (April 17)	1926 (April 20)	1936 (March 24)	1945 * (Sept. 25)	1951 * (April 17)
<i>Population^b (thousands)</i>									
Males									
15-24	75	84	94	94	102	122	135	131	129
25-44	97	111	144	176	188	196	215	245	264
45-64	58	61	66	74	106	128	163	168	177
65 & older	13	19	25	28	32	36	49	71	83
15 & older	243	275	329	372	428	482	562	615	653
0 & older	371	406	471	532	623	686	756	826	917
Females									
15-24	75	84	88	90	102	116	131	129	122
25-44	83	100	125	151	187	199	213	242	260
45-64	39	44	51	60	92	115	156	174	181
65 & older	8	12	16	20	27	32	49	75	92
15 & older	205	240	280	321	408	462	549	620	655
0 & older	332	367	418	477	596	658	735	822	909
Both Sexes									
15 & older	448	515	609	693	836	944	1,111	1,235	1,308
0 & older	703	773	889	1,009	1,219	1,344	1,491	1,648	1,826
<i>Labor Force (thousands)</i>									
Males									
15-24	70	79	88	88	93	107	123	106	104
25-44	95	110	142	172	185	192	212	239	259
45-64	56	60	64	71	100	119	151	147	155
65 & older	11	17	19	19	20	18	20	21	22
15 & older	232	266	313	350	398	436	506	513	540
0 & older	232	266	313	350	398	436	506	513	540
Females									
15-24	29	35	36	42	53	56	70	79	70
25-44	15	20	25	33	40	39	46	58	57
45-64	5	6	7	10	13	15	21	23	31
65 & older	1	1	2	2	2	2	2	2	3
15 & older	50	62	70	87	108	112	139	162	161
0 & older	50	62	70	87	108	112	139	162	161
Both Sexes									
15 & older	282	328	383	437	506	548	645	675	701
0 & older	282	328	383	437	506	548	645	675	701

APPENDIX A

TABLE A-14, *continued*

<i>Age Group</i>	<i>1896</i>	<i>1901</i>	<i>1906</i>	<i>1911</i>	<i>1921</i>	<i>1926</i>	<i>1936</i>	<i>1945^a</i>	<i>1951^a</i>
LABOR FORCE									
(<i>per cent of population of same sex and age group</i>)									
Males									
15-24	93.3	94.0	93.6	93.6	91.2	87.7	91.1	80.9	80.6
25-44	97.9	99.1	98.6	97.7	98.4	98.0	98.6	97.6	98.1
45-64	96.6	98.4	97.0	95.9	94.3	93.0	92.6	87.5	87.6
65 & older	84.6	89.5	76.0	67.9	62.5	50.0	40.8	29.6	86.5
15 & older	95.5	96.7	95.1	94.1	93.0	90.9	90.0	83.4	82.7
15 & older ^c	95.1	96.9	94.8	93.7	92.3	90.3	89.9	84.9	84.8
0 & older	62.5	65.5	66.5	65.8	63.9	63.6	66.9	62.1	58.9
Females									
15-24	38.7	41.7	40.9	46.7	52.0	48.3	53.4	61.2	57.4
25-44	18.1	20.0	20.0	21.9	21.4	19.6	21.6	24.0	21.9
45-64	12.8	13.6	13.7	16.7	14.1	13.0	13.5	13.2	17.1
65 & older	12.5	8.3	12.5	10.0	7.4	6.3	4.1	2.7	3.3
15 & older	24.4	25.8	25.0	27.1	26.5	24.2	25.3	26.1	24.6
15 & older ^c	21.0	22.6	23.0	25.4	25.6	23.7	25.6	28.4	27.6
0 & older	15.1	16.9	16.7	18.2	18.1	17.0	18.9	19.7	17.7
Both Sexes									
15 & older	62.9	63.7	62.9	63.1	60.5	58.3	58.1	54.7	53.6
15 & older ^c	58.0	59.8	58.9	59.6	59.0	57.0	57.8	56.6	56.2
0 & older	40.1	42.4	43.1	43.3	41.5	40.8	43.3	41.0	38.4

Source and concepts: Chapter 3 and Appendix F.

^a Population and labor force include 44,000 in the armed forces overseas for 1945 and 2,000 for 1951.

^b Including only non-Maoris resident in New Zealand proper.

^c Standardized for age or age-sex composition on the basis of the population of the United States in 1940. For explanation of standardization, see Chapter 3.

APPENDIX A

TABLE A-15

New Zealand:

Females in the Labor Force by Marital Status and Age Group, 1926-1951

Age Group	Number in thousands				Per Cent of Female Population of Same Marital Status and Age Group			
	1926	1936	1945	1951 ^a	1926	1936	1945	1951 ^a
Single Women								
16-44	82	103	108	97	63.1	69.6	79.4	82.2
45 & older	7	10	12	13	41.2	37.0	37.5	37.1
16 & older	89	113	120	110	60.5	64.6	71.4	71.9
16 & older ^b					59.2	63.5	71.4	73.3
Married Women								
16-44	5	7	22	29	3.1	4.0	10.4	11.1
45 & older	4	5	6	13	4.3	3.9	3.9	7.7
16 & older	9	12	28	42	3.5	4.0	7.7	9.7
16 & older ^b					2.7	3.7	7.7	9.7
Widows or Divorcees								
16-44	4	4	5	7	40.0	50.0	55.6	53.8
45 & older	6	8	7	8	15.8	16.0	10.8	10.7
16 & older	10	12	12	15	20.8	20.7	16.2	17.0
16 & older ^b					20.0	19.7	16.2	17.1
UNSTANDARDIZED								
All Women								
16-44	91	114	135	133	30.1	34.5	37.9	33.8
45 & older	17	23	25	34	11.6	11.2	10.0	12.2
16 & older	108	137	160	167	24.1	25.6	26.4	24.9
STANDARDIZED ^b								
All Women								
16-44	72	95	135	155	27.3	30.2	37.9	39.2
45 & older	23	24	25	35	12.4	10.9	10.0	12.6
16 & older	95	119	160	190	21.2	22.2	26.4	28.3

Source: *Population Census* (Wellington, Census and Statistics Office): 1926, Vol. IX, p. 96; 1936, Vol. X, pp. 59, 76; 1945, Vol. IX, pp. 61, 78; 1951, Vol. II, p. 49, Vol. IV, p. 79.

^a Including Maoris.

^b Standardized according to distribution by marital status and age in 1945.

For explanation of standardization, see Chapter 3, section on *The Method*.

TABLE A-16

Germany:
Population and Labor Force by Sex and Age Group, 1895-1950

Age Group	POPULATION (millions) *					LABOR FORCE (millions) *									
	Post-World War I Boundaries without the Saar		Federal Republic of Germany without Berlin		Post-World War I Boundaries without the Saar		Federal Republic of Germany without Berlin		Federal Republic of Germany without Berlin						
	1895 (June)	1925 (June)	1933 (June)	1939 (May)	1939 ^b (May)	1946 ^c (Oct.)	1950 ^a (Sept.)	1895 (June)	1907 (June)	1925 (June)	1933 (June)	1939 (May)	1939 ^b (May)	1946 ^c (Oct.)	1950 ^a (Sept.)
	MALES														
14-19	2.8	3.2	3.9	2.6	3.3	2.0	2.0	2.2	2.3	2.7	3.3	2.1	2.9	1.8	1.6
20-24	2.1	2.4	3.1	3.1	2.0	1.2	1.2	1.7	2.0	2.3	2.9	2.9	1.9	1.1	1.7
25-44	5.9	7.5	8.3	9.9	11.3	6.5	5.0	5.9	5.7	7.3	8.1	9.7	11.0	6.4	5.6
45-64	3.3	3.9	5.8	6.4	6.6	3.8	4.5	5.2	3.0	3.5	5.3	5.5	5.8	3.3	4.1
65 & older	1.0	1.2	1.6	2.1	2.5	1.4	1.8	2.0	0.6	0.6	0.8	0.6	0.7	0.5	0.7
14-24	4.9	5.6	7.0	5.7	5.3	3.2	3.2	3.9	4.3	5.0	6.2	5.0	4.8	2.9	2.5
14 & older	15.1	18.2	22.7	24.1	25.7	14.9	14.5	17.0	13.6	16.4	20.4	20.8	22.3	13.1	14.1
0 & older	22.5	27.2	30.2	31.7	33.3	19.3	19.6	22.4	13.6	16.4	20.4	20.8	22.3	13.1	14.1
	FEMALES														
14-19	2.8	3.2	3.9	2.5	3.5	2.0	2.1	2.1	1.7	2.2	2.6	1.7	2.7	1.6	1.4
20-24	2.2	2.4	3.1	3.1	1.9	1.2	1.9	1.8	1.3	1.5	2.1	2.1	1.3	0.8	1.0
25-44	6.0	7.5	9.7	11.0	11.6	6.7	7.4	7.6	1.6	2.8	4.1	4.9	5.4	2.9	2.7
45-64	3.7	4.4	6.2	7.0	7.8	4.3	5.6	6.3	1.0	1.6	2.2	2.4	2.8	1.6	1.7
65 & older	1.2	1.4	2.0	2.5	2.9	1.5	2.1	2.4	0.2	0.3	0.4	0.3	0.4	0.3	0.2
14-24	5.0	5.6	7.0	5.6	5.4	3.2	4.0	3.9	3.0	3.7	4.7	3.8	4.0	2.4	2.6
14 & older	15.9	18.9	24.9	26.1	27.7	15.7	19.1	20.2	5.8	8.4	11.4	11.4	12.6	7.2	7.3
0 & older	23.4	27.8	32.2	33.5	35.0	20.0	24.1	25.3	5.8	8.4	11.4	11.4	12.6	7.2	7.3
	BOTH SEXES														
14 & older	31.0	37.1	47.6	50.2	53.4	30.6	33.6	37.2	19.4	24.8	31.8	32.2	34.9	20.3	19.4
0 & older	45.9	55.0	62.4	65.2	68.3	39.3	43.7	47.7	19.4	24.8	31.8	32.2	34.9	20.3	19.4

TABLE A-16, continued

LABOR FORCE AS PER CENT OF POPULATION OF SAME SEX AND AGE GROUP ^a								
Age Group	Post-World War I Boundaries without the Saar					Federal Republic of Germany without Berlin		
	1895	1907	1925	1933	1939	1939	1946	1950
M A L E S								
14-19	83.6	86.1	85.0	82.6	86.0	91.1	73.7	74.2
20-24	95.1	95.7	95.0	94.5	96.2	95.7	89.7	93.4
25-44	97.2	97.4	97.4	97.2	98.0	97.6	95.9	96.3
45-64	91.8	89.4	91.4	84.9	87.0	86.9	91.0	89.6
65 & older	58.8	50.2	47.4	30.1	29.7	32.7	37.2	26.7
14-24	88.6	90.2	89.4	89.1	89.8	92.8	79.5	82.8
14 & older	90.7	90.5	89.9	86.3	86.9	87.9	83.7	83.0
14 & older ^f	90.2	89.3	89.4	85.7	87.2	87.9	85.5	84.9
0 & older	60.6	60.4	67.6	65.5	67.1	67.7	61.8	63.2
F E M A L E S								
14-19	60.6	67.8	67.2	68.3	79.2	81.3	75.7	67.3
20-24	58.3	62.0	67.8	69.7	67.8	68.6	53.7	70.4
25-44	26.9	37.6	41.9	44.2	45.8	44.2	37.0	40.5
45-64	25.6	35.5	36.3	33.7	36.4	36.9	29.1	31.0
65 & older	19.7	21.6	17.6	13.3	14.1	17.3	13.3	9.7
14-24	59.6	65.3	67.4	69.1	75.2	76.6	65.1	68.7
14 & older	36.2	44.1	45.7	43.7	45.5	46.1	38.0	39.3
14 & older ^f	34.5	42.8	45.0	45.2	48.0	48.1	40.4	42.7
0 & older	24.7	30.0	35.3	34.1	36.0	36.2	30.1	31.4
B O T H S E X E S								
14 & older	62.7	66.8	66.8	64.1	65.4	66.4	57.7	59.2
14 & older ^f	62.3	66.1	67.2	65.4	67.6	68.0	63.0	63.8
0 & older	42.3	45.0	50.9	49.3	51.2	51.7	44.3	46.3

Source and concepts: Chapter 3 and Appendix F. *Wirtschaft und Statistik*, Wiesbaden, Statistisches Bundesamt, 1952, pp. 256*, 352. *Deutschland in Zahlen*, Köln, Wirtschaftswissenschaftliches Institut der Gewerkschaften, 1950, pp. 12, 31. *Population of the Federal Republic of Germany and West Berlin*, United States Bureau of the Census, Series P-90, No. 1, pp. 55, 66, 73.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b Resident population, including 655,000 in military and labor services.

^c Data for 1946 exclude occupation forces, prisoners of war, civilian internees, and those in displaced persons camps, but include those in county refugee camps. The population aged 14 was treated as one-fifth of that aged 10-14.

^d Excluding occupation forces; including all inmates of camps except those of the International Refugee Organization.

^e Labor force was given for youths under 18 and 18-24, and was redistributed into 14-19 and 20-24 age groups. The proportion 20-24 in the labor force was assumed to be the average of the two classifications originally reported, 18-24 and 25-34. This estimated proportion was then multiplied by the population 20-24 to obtain the labor force for youths 20-24, which was then subtracted from that under 24 to obtain labor force 14-19. The labor force of persons 45-49 was estimated by averaging the labor force proportions for those 35-49 and 50-64. It was then subtracted from the reported labor force of persons 25-49. Both procedures of estimating were repeated separately for each sex.

^f Standardized for age and age-sex composition on the basis of the population of the United States in 1940. For explanation of standardization, see Chapter 3.

TABLE A-17

Germany:
Females in the Labor Force by Marital Status and Age Group, 1895-1950

Age Group	Per Cent of Female Population of Same Marital Status and Age Group ^a													
	Number (millions) ^a		1895		1933		1939		1950 ^b		Federal Republic of Germany ^a			
	1895	1907	1895	1933	1939	1933	1939	1939	1950 ^b	1950 ^b	1950 ^b	1950 ^b		
	Pre-World War I Territory													
16-39	0.6	1.4	1.7	2.0	2.5	1.3 ^e	1.2	11.9	24.2	27.5	28.9	33.2	30.3 ^e	26.6
40 & older	0.5	1.4	1.9	2.2	2.7	1.5 ^e	1.6	12.2	28.2	29.8	29.4	32.3	30.8 ^e	23.9
16 & older	1.1	2.8	3.6	4.2	5.2	2.8 ^e	2.8	12.0	26.0	28.7	29.2	32.7	30.6 ^e	25.0
16 & older ^f								12.1	26.3	28.7	29.2	32.7	30.6	25.2
	Single, Widowed, or Divorced Women													
16-39	3.6	4.4	5.6	5.4	4.9	2.9	3.5	69.2	75.2	78.0	80.4	86.1	87.5	82.8
40 & older	1.3	1.4	1.5	1.5	1.8	1.0	1.3	44.8	42.7	39.0	33.9	35.3	40.5	32.2
16 & older	4.9	5.8	7.1	6.9	6.7	3.9	4.8	60.7	63.7	64.7	62.1	62.5	67.6	57.7
16 & older ^f								57.9	60.1	59.9	58.8	62.5	65.7	59.3
	All Women													
	UNSTANDARDIZED													
16-39	4.2	5.8	7.3	7.4	7.4	4.2	4.7	42.7	50.0	54.7	54.7	56.0	55.0	54.3
40 & older	1.8	2.8	3.4	3.7	4.5	2.5	2.9	25.2	33.8	33.1	31.1	33.4	34.0	27.1
16 & older	6.0	8.6	10.7	11.1	11.9	6.7	7.6	35.4	43.3	45.3	43.6	44.7	44.8	39.1
	STANDARDIZED ^g													
16-39	3.1	4.6	5.8	6.5	7.4	4.1	4.9	36.6	46.2	49.3	51.1	56.0	54.9	50.8
40 & older	2.0	3.4	3.9	4.0	4.5	2.6	2.6	24.3	33.6	33.2	31.1	33.4	34.4	27.0
16 & older	5.1	8.0	9.7	10.5	11.9	6.7	7.5	30.4	39.9	41.2	41.1	44.7	44.7	38.9

Source: *Statistik des Deutschen Reichs*, Neue Folge, Band 103, p. 126, and Band 203, Part II, p. 5, Berlin, Statistisches Reichsamt. *Wirtschaft und Statistik*, 1941, pp. 47-50, 1952, pp. 353-354, and *Statistisches Jahrbuch*, 1952, p. 26, Wiesbaden, Statistisches Reichsamt. *Population of the Federal Republic of Germany and West Berlin*, United States Bureau of the Census, Series P-90, No. 1, p. 69.

^a Totals and percentages were computed before data on population and labor force were rounded.

^b Excludes all camp inmates.

^c Same age distribution assumed as for Germany of Post-World War I territory.

^d Standardized according to distribution by marital status and age in 1939. For explanation of standardization, see Chapter 3.

^e Without Saar.

^f Without Berlin.

APPENDIX A

TABLE A-18

Germany:
Labor Force in Cities Having Population of 100,000 or More, 1895-1933

PER CENT OF POPULATION OF THE SAME SEX AND AGE GROUP			
Age Group	1895 ^a (28 cities)	1925 ^a (45 cities)	1933 ^a (52 cities)
M A L E S			
14-19	80.1	80.0	...
20-24	94.0	92.3	...
25-44	97.5	97.2	...
45-64	90.0	92.1	...
65 & older	48.2	42.7	...
14 & older	90.9	89.9	85.1 ^b
14 & older ^c	90.7	90.6	...
F E M A L E S			
14-19	56.6	62.9	...
20-24	61.9	68.0	...
25-44	28.6	35.3	...
45-64	23.9	21.3	...
65 & older	13.6	8.6	...
14 & older	36.6	37.6	35.4 ^b
14 & older ^c	35.0	38.9	...
B O T H S E X E S			
14 & older	62.7	61.9	58.5 ^b
14 & older ^c	63.3	65.2	...

Source: *Statistik des Deutschen Reichs: Textband 1895*, Neue Folge III, pp. 11, 20; *Band 408 (1925)*, p. 12; *Band 458 (1933)*, p. 99, Berlin, Statistisches Reichsamt. *Wirtschaft und Statistik, 1926*, Sonderheft 3, p. 24; *1934*, Sonderbeilage 24, p. 23, Wiesbaden, Statistisches Bundesamt.

^a Territory as at each census: 1895, Pre-World War I; 1925 and 1933, Post-World War I without the Saar.

^b The labor force actually includes some workers under 14.

^c Standardized for sex and age-sex on the basis of the population of Chicago in 1930. For explanation of standardization, see Chapter 3, section on *The Method*.