

APPENDIX

EFFECT OF CHANGES IN DISTRIBUTION BY AGE AND BY MARITAL CON- DITION UPON NUMBER OF WOMEN GAINFULLY EMPLOYED

From 1910 to 1920 the number of foreign-born white women engaged in gainful occupations fell off from 1,195,953 to 1,102,697, and the proportion of such women gainfully occupied declined from 22.1 to 18.8 per cent.

To what extent was this decline from 1910 to 1920 in the number and proportion of foreign-born white women engaged in gainful occupations the result of the changes in age distribution and in distribution by marital condition, which in turn were the result of the practical cessation of immigration to the United States during the World War?

EFFECT OF THE CHANGE IN AGE DISTRIBUTION

The following statement shows that between 1910 and 1920 there was a marked change in the age distribution of foreign-born white females, the proportion in each of the lower age periods or years having declined and the proportion in each of the higher periods having increased:

AGE	FOREIGN-BORN WHITE FEMALES			
	1920		1910	
	Number	Per cent distribution	Number	Per cent distribution
All ages.....	6,184,432	100.0	5,821,757	100.0
Under 16 years.....	312,066	5.0	413,567	7.1
16 years.....	51,145	0.8	50,574	0.9
17 years.....	52,539	0.8	58,782	1.0
18 and 19 years.....	123,369	2.0	174,535	3.0
20 to 24 years.....	469,356	7.6	606,461	10.4
25 to 44 years.....	2,720,994	44.0	2,437,209	41.9
45 to 64 years.....	1,799,118	29.1	1,497,783	25.7
65 years and over.....	643,843	10.5	876,341	15.0
Age unknown.....	6,632	0.1	6,595	0.1

Had the 6,184,432 foreign-born white females of all ages in the United States in 1920 been distributed by age as were the foreign-born white females in 1910, then the number and distribution of those 16 years of age and over would have been as shown in the first column.

in the statement below; and had the proportion gainfully occupied been the same for each age period or year as actually prevailed in 1920, then the number and distribution of the gainfully occupied 16 years of age and over in 1920 would have been as shown in the last column of the statement:

AGE	FOREIGN-BORN WHITE WOMEN: 1920		
	Number there would have been had the age distribution of foreign-born white females been as it was in 1910	Per cent occupied in 1920 by age periods	Number that would have been occupied in 1920 had the age distribution been as it was in 1910
16 years and over	5,741,175	20.1	1,155,807
16 years	55,616	49.4	27,474
17 years	61,795	60.3	37,262
18 and 19 years	185,337	53.6	103,637
20 to 24 years	642,670	37.7	242,239
25 to 44 years	2,589,241	18.6	481,599
45 to 64 years	1,588,150	13.9	220,753
65 years and over	611,778	5.9	36,095
Age unknown	6,532	26.0	1,698

Thus, had the age composition of foreign-born white females been the same in 1920 as in 1910, and had the proportion in each age gainfully occupied been as it was in 1920, then there would have been 1,155,807 foreign-born white women gainfully occupied in 1920 as against 1,195,953 in 1910, and the proportion of such women gainfully occupied would have been 20.1 per cent in 1920 as against 22.1 per cent in 1910. It appears, therefore, that while the decline from 1910 to 1920 in the number and proportion of foreign-born white women gainfully occupied resulted in considerable measure from the difference in the age composition of the foreign-born white female population some other contributing cause or causes existed.

EFFECT OF THE CHANGE IN DISTRIBUTION BY MARITAL CONDITION

It is evident that a check to immigration, such as prevailed during the World War, would have a direct effect upon the distribution of foreign-born women among the marital classes, and in this way an indirect effect upon the proportion of foreign-born women gainfully occupied.

A check on immigration at once checks the immigrant recruits in each respective marital class. But since the single class is recruited entirely from immigrants while each of the other classes is recruited partly from immigrants and partly from entrants from one or more

of the other marital classes, it follows that when immigration largely ceases the single class will decline in numbers through the marriage and death of many of its members, while the married class will continue to increase so long as new marriages exceed the decrease from death, divorce, and widowhood. And it is possible, also, for the number of foreign-born widows and divorced women to increase for a time even though immigration cease entirely.

The following statement shows that while from 1910 to 1920 there was a considerable increase in the number of foreign-born white married women, and in the number of widowed and divorced, there was a large decrease in the number of single—a decrease of 161,868, or 16.9 per cent—and a decrease, also, in the per cent the single constituted of the total.

MARITAL CONDITION	1920		1910	
	Number	Per cent distribution	Number	Per cent distribution
Aggregate.....	5,872,366	100.0	5,408,190	100.0
Married.....	4,122,932	70.2	3,023,544	67.0
Single, widowed, divorced, and unknown.....	1,749,434	29.8	1,784,646	33.0
Single.....	704,781	13.5	956,649	17.7
Widowed and divorced.....	946,881	16.1	820,932	15.2
Unknown.....	7,772	0.1	7,865	0.1

The decrease from 1910 to 1920 in the number of single women produced a net decrease in the total number of single, widowed, divorced, and unknown; and, since the proportion gainfully occupied in 1920 was 46.1 per cent for the total of these classes, as against only 7.2 per cent for the married, this decrease in the number of single, widowed, divorced, and unknown, accompanied, as it was, by an increase in the number married would naturally result in a reduction in the proportion of all foreign-born white women gainfully occupied.

Had the proportion of foreign-born white women who were married been the same in 1920 as in 1910, and had the proportion of gainfully occupied for each of the two classes been the same as reported for 1920, then the proportion of foreign-born white women gainfully occupied in 1920 would have been 20 per cent instead of the 18.8 per cent reported. It would, however, still have been considerably below the 22.1 per cent reported for 1910. The figures are summarized in the next statement. Of course, a somewhat different result would be obtained if we could distinguish in the analyses the single from the widowed and divorced.

MARITAL CONDITION	FOREIGN-BORN WHITE WOMEN: 1920			
	Distributed by marital condition as in 1910		Engaged in gainful occupations	
	Number	Per cent	Number	Per cent
Aggregate.....	5,872,366	100.0	1,176,546	20.0
Married.....	3,934,485	67.0	283,283	7.2
Single, widowed, divorced, and unknown.....	1,937,881	33.0	893,263	46.1

COMBINED EFFECT OF CHANGES IN AGE DISTRIBUTION AND MARITAL CONDITION

Had the distribution of foreign-born white females of all ages, by age and also by marital condition, been the same in 1920 as in 1910, then in 1920 the total number of foreign-born white women 16 years of age and over would have been 5,741,175, and the distribution of these women by age and marital condition would have been as shown in the following statement:

AGE	Total	MARRIED		SINGLE, WIDOWED, DIVORCED, AND UNKNOWN	
		Number	Per cent	Number	Per cent
16 years and over.....	5,741,175	3,847,013	67.0	1,893,262	33.0
16 to 19 years.....	302,798	44,209	14.6	258,589	85.4
20 to 24 years.....	642,070	348,073	54.3	293,703	45.7
25 to 44 years.....	2,589,241	2,115,410	81.7	473,831	18.3
45 years and over and unknown.....	2,206,460	1,339,321	60.7	867,139	39.3

Had the proportion gainfully occupied in each age and marital condition class been as reported in 1910, then in 1920 the number gainfully occupied would have been as follows:

AGE	MARRIED			SINGLE, WIDOWED, DIVORCED, AND UNKNOWN		
	Total number	Engaged in gainful occupations		Total number	Engaged in gainful occupations	
		Number	Per cent		Number	Per cent
16 years and over.....	3,847,013	279,059	7.3	1,893,262	964,695	50.6
16 to 19 years.....	44,209	5,128	11.6	258,589	170,669	66.0
20 to 24 years.....	348,073	33,501	9.6	293,703	242,599	82.6
25 to 44 years.....	2,115,410	173,464	8.2	473,831	356,321	75.2
45 years and over and unknown.....	1,339,321	66,966	5.0	867,139	196,109	22.5

Summarizing the figures of the above statement, we have the following:

FOREIGN-BORN WHITE WOMEN: 1920

Aggregate.....	5,741,175
Engaged in gainful occupations.....	1,243,754
Per cent engaged in gainful occupations.....	21.7

Thus, according to the figures presented, had the age and marital condition distribution of foreign-born white females of all ages been the same in 1920 as in 1910, then in 1920 the proportion of the foreign-born white women 16 years and over gainfully occupied would have been 21.7 per cent as compared with the 18.8 per cent reported for 1920 and with the 22.1 per cent reported for 1910.

With the age and marital condition distribution the same in 1920 as in 1910, the percentage gainfully occupied would have been only 0.4 below what it was in 1910—a slight difference that might easily be due to the change in the date of enumeration or to the changes made in the instructions to enumerators as explained in the text (Ch. III).

DETAILED TABLES

164 WOMEN IN GAINFUL OCCUPATIONS: 1870 TO 1920

TABLE 115.—WOMEN EMPLOYED IN EACH SPECIFIED OCCUPATION, WITH

OCCUPATION	ALL CLASSES		RACE AND NATIVITY:		
	1920	1910	Native white		Foreign-born white
			Native parent-age	Foreign or mixed parent-age	
1 All occupations.....	8,202,901	7,433,686	3,506,397	2,042,804	1,102,697
2 Agriculture, forestry, and animal husbandry.....	890,057	1,397,324	303,070	45,993	37,973
3 Dairy farmers, farmers, and stock raisers.....	263,830	261,956	129,451	22,252	21,148
4 Dairy farmers.....	3,946	2,576	1,883	1,017	944
5 Farmers, general farms.....	247,253	257,706	125,872	20,762	19,870
6 Stock raisers.....	2,637	1,674	1,691	473	828
7 Dairy farm, farm, and stock farm laborers.....	605,668	1,108,613	152,768	18,180	12,112
8 Dairy farm laborers.....	2,412	2,566	1,180	599	370
9 Farm laborers (home farm).....	403,009	826,523	118,119	12,733	4,927
10 Farm laborers (working out).....	198,979	278,637	32,943	4,630	6,726
11 Farm laborers (turpentine farm).....	268	292	19	1	1
12 Stock herders, drovers, and feeders.....	1,000	595	504	167	89
13 Dairy farm, farm, garden, orchard, etc., foremen.....	14,340	7,776	10,250	2,041	1,444
14 Dairy farm foremen.....	140	85	72	36	32
15 Farm foremen, general farms.....	13,767	7,666	9,917	1,911	1,349
16 Farm foremen, stock farms.....	94	11	62	18	13
17 Garden and greenhouse foremen.....	176	88	101	35	27
18 Orchard, nursery, etc., foremen.....	163	87	68	41	23
19 Fishermen and oystermen.....	365	463	170	20	48
20 Foresters, forest rangers, and timber cruisers.....	2	2	2	2	2
21 Gardeners, florists, fruit growers, and nurserymen.....	9,283	7,534	5,490	1,026	1,544
22 Florists.....	938	1,051	537	230	153
23 Fruit growers.....	3,194	2,276	1,820	653	606
24 Gardeners.....	5,063	4,413	3,085	726	713
25 Landscape gardeners.....	25	15	17	8	7
26 Nurserymen.....	58	79	40	9	7
27 Garden, greenhouse, orchard, and nursery laborers.....	8,699	6,798	2,455	1,276	1,174
28 Cranberry bog laborers.....	5	61	3	1	1
29 Garden laborers.....	5,773	4,493	1,384	661	743
30 Greenhouse laborers.....	1,120	903	536	308	192
31 Orchard and nursery laborers.....	1,801	1,341	532	307	238
32 Lumbermen, raftsmen, and woodchoppers.....	262	74	90	33	49
33 Owners and managers of log and timber camps.....	13	4	4	5	4
34 Managers and officials.....	5	4	4	4	1
35 Owners and proprietors.....	8	4	4	1	3
36 Other agricultural and animal husbandry pursuits.....	3,589	3,801	2,381	604	450
37 Apiarists.....	134	124	97	30	7
38 Corn shellers, hay balers, grain threshers, etc.....	4	3	3	1	1
39 Irrigators and ditch tenders.....	3	9	1	1	2
40 Poultry raisers.....	2,324	3,226	1,571	396	321
41 Poultry yard laborers.....	946	357	622	150	96
42 Other and not specified pursuits.....	178	85	88	27	23
43 Extraction of minerals.....	2,718	1,023	1,104	497	778
44 Foremen, overseers, and inspectors.....	8	10	6	2	2
45 Foremen and overseers.....	6	9	5	1	1
46 Inspectors.....	2	1	1	1	1
47 Operators, officials, and managers.....	182	107	120	45	16
48 Managers.....	23	12	11	6	6
49 Officials.....	41	9	31	8	1
50 Operators.....	118	86	78	31	9
51 Coal mine operatives.....	1,388	308	475	238	508
52 Copper mine operatives.....	136	19	23	27	84
53 Gold and silver mine operatives.....	34	39	14	12	6
54 Iron mine operatives.....	97	36	1	17	48