

LEGISLATIVE REFERENCE LIBRARY
HD6096 M6 M56 1980X
Minnesota. Dept. - Minnesota female employment, nonagr.
3 0307 00028 6842

HD
6096
.M6
M56
1980X

MINNESOTA

FEMALE EMPLOYMENT

NONAGRICULTURAL INDUSTRIES

1940 - 1979

LEGISLATIVE REFERENCE LIBRARY
STATE OF MINNESOTA

RESEARCH & STATISTICAL SERVICES OFFICE
MINNESOTA DEPARTMENT OF ECONOMIC SECURITY
IN COOPERATION WITH THE
U. S. DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS
AUGUST 1980

802639

FEMALE EMPLOYMENT IN MINNESOTA

Employment of women in Minnesota has changed markedly since 1940. A combination of factors were responsible for this change. These include the shifting of population to cities, the care of the home becoming less time consuming and the great demand for workers created by World War II continuing at a high level.

The employment of women has been measured by the decennial censuses and the Current Employment Statistics program. The decennial censuses includes the period 1940-1970. The next update of this book will include data from the 1980 census and will be published soon after Minnesota data becomes available.

The information derived from the Current Employment Statistics (CES) Program is published from 1970-1979. The data from 1970-1974 is coded by using the 1967 Standard Industrial Classification Manual. The 1972 Manual was utilized in classifying industries for the 1975-1979 period. There were no significant changes in the Division industry groupings due to the SIC Manual revision. In fact, there were no changes in most of the specific industry groupings and insignificant changes in several others. However, a few industries did change due to this factor but the exact degree cannot be determined because of other influences upon the percentages and total employment.

The census is an unduplicated count of individuals classified in the industry in which they spend the most working hours during the survey week - approximately April 1st. They are counted on a place of residence basis.

The CES figures are derived from a monthly sample of employers who report total and female employment for their establishments for the week which includes the 12th of the month. For this report March data was utilized. Employment was counted on a place of work basis. Some double counting is experienced in the

CES program because of multiple job holders. The CES sample is somewhat dominated by large firms and the percent of total employment varies greatly by industry. In some industries the sample as a percentage of the total may be very high while in others the percentage is relatively low. CES total employment data is benchmarked annually, however, it is not possible to obtain a complete count of female employment without conducting costly special surveys. Female employment is derived from the sample. While this is not a complete count, the data obtained should be consistent over time and be indicative of the trend.

Table I depicts the percentage of female employment to total employment as shown by data collected by the decennial censuses for the years 1940-1970.

The census data shows that increases in the percent of female employees have been evident in all major industry groups between 1940-1970. These generally prosperous times, with three major wars and continuously high defense expenditures, combined with the overall trend from blue collar to white collar and service occupations, surely created a favorable environment where these basic upsurges in female employment could take place.

Large percentage point increases in the ratio of female employment from 1940-1970 took place in Finance, Insurance, and Real Estate (16.6), Services (13.1), Retail Trade (11.3), Transportation (9.9), Manufacturing (9.2) and Government (8.8).

The percentage increases in Services and Government (male and female) during this 30 year period greatly exceeded the percentage gain in Total Nonagricultural employment. The increase in Finance, Insurance and Real Estate was about the same, while Retail Trade and Transportation increases were more modest.

Female Employment in Minnesota - (Continued)

The major portion of the gains in the ratios of females in Manufacturing, Retail Trade, and Finance, Insurance and Real Estate occurred during the 1940's. The Second World War, with all the varied changes in social and economic patterns associated with it, certainly was the dominant force behind the rapid increases in female representation in these industries. Even though the War ended long before the 1950 Census was taken, females had firmly established themselves in many occupations which previously had been almost completely dominated by males. There has been little reversal to pre-war employment patterns.

The major portion of the Service gain occurred in the 1950's, while in government it was delayed to the 1960's. The service gain was brought about by the relatively larger increase in Medical and Educational Services, both with a high percentage of female employees. The Government gain during the 1960's was due to females increasing their dominance in the rapidly growing clerical occupations. This trend toward a higher percentage of female employees in Government evident in the 60's appears to have slackened considerably since 1970.

The major industry group with the smallest increase in the percentage of female employment since 1940 was Communications and Public Utilities. The relatively strange pattern in this industry with the female percentage actually peaking in 1950 and then declining can be traced primarily to the fact that the demand for telephone operators reached its maximum at about this time (1950).

In those industries where the percentage of female employees was very small in 1940 i.e., Mining, Construction, and Transportation, the most significant gain occurred in Transportation where increases were common to all major groups, but were especially meaningful in the rapidly growing Air

Transportation segment. In Mining and Construction, although the percentages of females has either doubled or tripled from 1940-1970, 94 to 96 percent of the workers were males in 1970.

Table II shows the percentages of female employment to total employment as indicated by the CES Program for the years 1970 through 1979.

As measured by the CES Program, all divisions posted increases in the ratio of female employment from 1970-1979. The largest gains occurred in Finance, Insurance and Real Estate (5.9), Mining, (4.7), Transportation, Communications and Public Utilities (3.2), and Retail Trade (3.5).

The Finance, Insurance and Real Estate Divisions recorded the largest rise mainly due to increased female employment in financial institutions other than banking. This group includes credit agencies security and commodity trading institutions and holding companies.

Mining registered a rise of 4.7 percentage points in the ratio between 1970 and 1979 more than doubling in the 9-year period. The upswing, although relatively small numerically, represents a significant inroad in a predominantly male industry.

In Retail Trade the percentage point gain was 3.5. The rise was concentrated in the Building Materials, Hardware, and Farm Equipment, and the Miscellaneous Retail Establishment groups. The other groups posted lower than average increases or declines.

Females in Transportation industries posted a ratio increase of 4.4 largely attributable to a gain in female employment in Local and Suburban Transit and Interurban Highway Passenger Transportation. The increased hiring of females for driving taxi-cabs and buses contributed greatly to this growth.

Table I

Female Percentage of Total Employment
Census Data - Minnesota

	<u>1940</u>	<u>1950</u>	<u>1960</u>	<u>1970</u>
Total Nonagricultural	29.2	32.4	35.6	40.7
Manufacturing	18.6	24.0	23.6	27.8
Nonmanufacturing	32.6	36.2	40.0	44.1
Mining	1.2	2.5	2.6	3.9
Construction	2.2	2.9	4.1	5.9
Transportation	4.6	5.8	8.7	14.5
Comm. & Public Utilities	32.5	40.2	35.3	34.7
Retail Trade	38.4	46.6	48.1	49.7
Wholesale Trade	18.2	22.6	23.2	24.1
F.I.R.E	36.9	48.7	51.0	53.5
Services	49.1	50.2	59.2	62.2
Government	39.3	40.3	41.8	48.1

Table II
 Female Percentage of Total Employment
 Current Employment Statistics Data
 Minnesota

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
Total Nonagricultural	38.9	39.9	39.3	39.7	39.9	40.7	40.7	41.5	42.1	44.8
Manufacturing	28.2	27.3	27.0	27.6	27.3	27.5	28.0	28.2	28.5	29.2
Nonmanufacturing	42.2	43.4	42.9	43.4	43.6	44.3	44.2	45.1	45.8	46.2
Mining	2.0	2.1	2.1	2.0	1.9	2.2	3.0	4.7	4.7	6.7
Construction	4.1	5.5	5.2	5.2	6.0	5.5	5.2	6.7	5.7	6.3
Transportation	13.5	14.0	14.4	14.5	14.5	17.9	17.7	17.2	17.6	17.9
Comm. & Public Utilities	36.2	35.8	35.0	33.9	34.6	34.2	34.8	35.5	35.7	36.8
Retail Trade	47.0	46.1	45.7	46.2	46.2	46.6	47.1	48.3	49.6	50.5
Wholesale Trade	22.8	22.8	22.6	22.7	23.9	24.2	23.7	24.9	25.1	25.4
F.I.R.E.	56.9	59.1	59.1	58.4	57.1	59.4	60.8	60.5	60.9	62.8
Services	57.7	61.1	58.9	59.6	59.1	58.7	57.1	58.9	58.9	58.6
Government	44.6	44.8	44.9	45.2	45.5	46.1	47.1	46.5	48.1	48.3

Table III
Female Employment in Minnesota

Census	Total Nonagricultural Wage and Salary		Total Manufacturing		Durable Goods		Lumber and Wood Products		Furniture And Fixtures	
	Female	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	148,588	29.2	20,981	18.6	4,662	10.3	169	3.1	470	11.6
1950	244,660	32.4	43,039	24.0	15,148	17.8	332	5.2	627	12.3
1960	327,244	35.6	57,811	23.6	22,924	18.7	539	8.0	417	17.0
1970	510,244	40.7	83,243	27.8	41,368	24.3	575	10.1	896	24.2
<u>CES</u>										
1970	504,242	38.9	90,196	28.2	46,479	24.9	848	12.5	734	21.1
1971	505,396	39.9	78,767	27.3	36,303	22.8	815	12.4	775	20.7
1972	514,285	39.3	80,057	27.0	38,193	23.1	930	12.1	742	17.3
1973	549,900	39.7	87,893	27.6	43,755	23.7	1,105	12.9	932	20.0
1974	573,845	39.9	91,764	27.3	46,986	24.0	1,043	11.6	818	18.0
1975	581,277	40.7	85,333	27.8	43,435	24.2	843	12.2	860	23.9
1976	595,394	40.7	86,976	28.0	42,771	24.1	1,400	14.2	603	21.0
1977	638,601	41.5	91,531	28.2	46,867	24.6	1,591	15.0	584	18.7
1978	685,453	42.1	98,870	28.6	51,309	24.9	2,211	17.8	669	19.2
1979	728,812	44.8	108,355	29.2	58,540	25.7	2,494	19.0	905	23.0

Census	Transportation Equipment		All Other Durable Goods		Nondurable Goods		Food and Kindred Products		Textile Mill Products	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	177	6.4	1,309	29.0	16,319	24.3	5,443	15.7	2,012	57.0
1950	479	10.5	5,176	39.1	27,891	29.6	9,340	20.3	1,999	56.9
1960	883	13.0	8,442	38.1	34,536	28.5	14,057	24.0	1,339	55.4
1970	1,932	16.2	11,961	37.9	41,054	32.4	11,067	24.8	1,242	52.6
<u>CES</u>										
1970	1,477	15.2	14,900	43.1	43,717	32.9	14,561	28.2	1,563	59.6
1971	1,654	17.0	11,855	43.9	42,464	32.9	15,174	29.9	1,607	61.3
1972	1,793	17.2	11,910	40.3	41,864	32.1	12,954	26.4	1,685	60.1
1973	2,097	18.4	13,137	41.7	44,138	32.8	12,472	26.3	2,035	62.4
1974	1,625	15.4	12,323	40.2	44,778	32.1	12,444	25.3	2,056	64.4
1975	1,789	18.4	10,817	38.8	41,898	32.3	11,892	25.9	1,659	60.9
1976	1,561	16.0	11,642	43.8	43,305	33.2	12,315	26.7	1,589	59.8
1977	2,014	18.9	12,117	43.2	44,664	33.2	11,897	26.0	1,899	63.2
1978	2,206	20.7	12,157	40.1	47,561	34.1	12,949	27.3	2,033	65.0
1979	2,148	19.0	13,793	41.6	49,815	34.6	13,114	27.7	1,986	65.1

Census	Apparel and Other Finished Products		Paper & Allied Products		Printing and Publishing		Chemicals and Allied Products		Petroleum Products	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	3,813	68.9	724	14.5	2,969	23.7	939	25.5	47	6.1
1950	8,056	78.8	1,522	18.1	4,565	26.4	1,470	26.2	136	11.6
1960	6,491	75.0	2,546	19.8	6,721	26.4	1,321	23.0	247	14.1
1970	5,930	76.7	5,854	25.0	9,096	35.3	2,156	27.4	323	16.5
<u>CES</u>										
1970	6,509	82.8	7,361	23.3	7,932	33.5	2,098	31.5	200	10.2
1971	6,140	82.2	6,617	22.0	7,917	34.2	1,937	32.5	179	9.0
1972	6,460	82.9	6,819	22.7	8,611	35.3	2,080	33.1	118	6.2
1973	7,389	80.4	7,285	22.8	8,984	35.4	2,149	33.2	114	7.3
1974	7,273	79.5	7,898	23.6	9,023	35.0	2,024	31.4	104	5.7
1975	6,161	83.5	7,215	22.7	9,421	36.9	2,065	33.0	84	5.2
1976	6,110	82.5	6,773	23.0	9,600	36.5	2,145	35.7	88	5.5
1977	5,543	83.1	7,133	23.4	10,899	38.8	2,174	34.9	121	7.3
1978	5,444	81.0	7,607	24.2	11,604	38.6	2,410	36.0	135	8.6
1979	4,923	78.3	8,203	25.0	12,859	39.3	2,463	36.7	114	7.1

Census	Rubber and Leather Products		Total Nonmanufacturing		Total Mining and Quarrying		Total Construction		Building Construction	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	372	23.1	127,607	32.6	95	1.2	477	2.2	NA	NA
1950	807	35.1	201,621	36.2	404	2.5	1,252	2.9	NA	NA
1960	1,645	40.1	269,433	40.0	469	2.6	1,906	4.1	NA	NA
1970	3,231	43.1	427,001	44.1	543	3.9	3,493	5.9	NA	NA
<u>CES</u>										
1970	3,493	42.4	414,046	42.2	267	2.0	2,267	4.1	779	4.3
1971	2,893	40.7	424,629	43.3	280	2.1	2,711	5.5	1,043	6.7
1972	3,137	39.6	434,228	42.9	243	2.1	2,697	5.2	959	5.7
1973	3,710	40.3	462,007	43.4	253	2.0	2,718	5.2	978	5.5
1974	3,956	37.6	482,081	43.6	255	1.9	3,058	6.0	1,054	6.0
1975	3,401	40.6	495,944	44.3	291	2.2	2,705	5.5	902	5.2
1976	4,685	42.7	509,318	44.2	402	3.0	2,629	5.2	974	6.1
1977	4,998	40.4	547,070	45.1	691	4.7	3,418	6.7	1,223	7.5
1978	5,379	43.0	586,583	45.8	717	4.7	3,461	5.7	1,233	6.1
1979	6,153	46.4	620,457	46.2	1,046	6.7	4,148	6.3	1,279	5.5

Census	General Construction other than Building		Special Trade Construction		Total Transportation		Railroads		Local Railway and Bus Lines	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	NA	NA	NA	NA	2,035	4.6	1,394	4.4	321	5.3
1950	NA	NA	NA	NA	4,633	5.8	2,224	5.4	880	7.6
1960	NA	NA	NA	NA	5,035	8.7	1,892	6.2	1,135	7.5
1970	NA	NA	NA	NA	8,156	14.5	1,692	8.8	686	17.5
<u>CES</u>										
1970	336	4.5	1,152	3.9	7,870	13.5	1,571	8.1	639	8.0
1971	349	4.5	1,319	5.0	7,449	14.0	1,553	8.6	965	13.3
1972	385	5.4	1,353	4.8	8,087	14.4	1,701	9.2	967	13.3
1973	408	5.8	1,332	4.8	8,437	14.5	1,662	9.4	960	13.2
1974	398	6.0	1,606	6.0	8,633	14.5	1,570	9.0	1,170	15.4
1975	469	6.9	1,334	5.3	10,415	17.9	2,312	14.0	1,333	16.9
1976	373	6.1	1,282	4.5	10,064	17.7	2,063	14.0	1,407	17.2
1977	515	8.4	1,680	5.8	10,234	17.2	2,092	14.0	1,244	14.9
1978	390	5.6	1,838	5.4	10,809	17.6	2,147	14.0	1,468	17.2
1979	492	7.2	2,377	6.7	11,529	17.9	2,140	14.0	1,772	20.1

Census	Trucking and Warehousing		Water Transportation		Air Transportation		Other Transportation		Total Communications and Public Utilities	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	155	4.3	12	1.4	57	13.0	96	6.5	5,069	32.5
1950	492	9.0	50	5.1	773	22.5	214	8.9	8,789	40.2
1960	290	9.1	38	3.9	1,482	24.3	198	8.9	9,103	35.3
1970	2,063	10.4	47	6.2	3,018	31.5	650	23.5	9,995	34.7
<u>CES</u>										
1970	2,031	10.8	79	9.0	3,326	34.4	224	16.0	10,527	36.2
1971	1,937	10.6	94	11.7	2,693	35.0	207	16.3	10,473	35.8
1972	2,007	10.4	105	12.2	3,162	36.6	145	9.5	10,285	35.0
1973	2,195	10.5	61	9.3	3,324	37.5	135	7.6	10,148	33.9
1974	2,576	11.5	98	10.1	3,041	32.6	178	8.9	10,508	34.6
1975	2,804	13.3	86	8.6	3,752	38.8	128	5.9	10,431	34.2
1976	2,807	13.0	95	9.0	3,584	38.2	108	5.3	10,684	34.8
1977	2,828	12.5	115	8.6	3,808	38.3	147	6.4	10,997	35.5
1978	3,038	12.9	116	10.7	3,874	37.6	166	6.8	11,445	35.7
1979	3,297	12.6	89	11.9	4,006	37.2	225	8.2	12,236	36.8

Census	Communications		Electric, Gas and Sanitary Service		Total Trade		Total Retail Trade		Building Materials Hardware and Farm Equipment	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	4,298	55.2	771	11.7	43,844	33.5	38,089	38.4	972	10.8
1950	7,319	63.0	1,470	14.3	75,080	40.7	64,761	46.6	2,058	14.5
1960	7,355	52.7	1,748	14.7	88,639	42.3	77,343	48.1	2,670	17.0
1970	8,150	48.3	1,845	15.5	126,770	43.8	110,724	49.7	3,288	21.0
<u>CES</u>										
1970	8,721	53.2	1,806	14.2	125,804	40.7	107,416	47.0	3,194	17.6
1971	8,701	51.7	1,772	14.3	122,856	40.0	104,441	46.1	2,486	14.0
1972	8,492	50.8	1,793	14.2	126,203	39.8	107,975	45.7	2,494	13.5
1973	8,341	49.3	1,807	13.9	135,565	40.3	116,486	46.2	2,194	11.0
1974	8,717	50.0	1,791	13.9	142,303	40.6	121,055	46.2	2,869	13.4
1975	8,671	49.4	1,760	13.6	145,303	40.8	123,145	46.6	3,908	18.6
1976	8,826	49.4	1,858	14.5	147,307	40.4	122,732	47.1	2,839	17.4
1977	9,021	50.3	1,951	15.0	161,888	42.0	135,706	48.3	4,267	25.0
1978	9,367	50.5	2,078	15.4	175,429	43.0	147,981	49.6	4,630	25.0
1979	10,058	51.2	2,178	16.0	187,086	43.7	157,574	50.5	5,066	27.0

Census	General Merchandise		Food Stores		Automotive		Apparel and Accessories		Furniture, Home Furnishings and Equip.	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent Of Total Employment	Females	Per Cent of Total Employment
1940	11,750	67.2	3,922	22.5	632	5.7	3,758	53.2	721	18.2
1950	17,866	72.3	8,332	37.4	1,138	8.2	5,548	61.9	1,573	23.3
1960	23,892	72.1	10,060	41.1	1,137	9.1	6,514	67.6	1,604	24.5
1970	29,404	71.0	14,612	45.7	2,947	10.0	7,642	65.7	2,370	27.5
<u>CES</u>										
1970	30,249	69.5	12,022	37.3	3,950	11.8	8,524	70.8	2,729	34.9
1971	31,814	68.7	12,364	37.3	3,435	10.2	8,539	73.4	2,605	34.2
1972	32,794	68.3	12,169	36.4	4,008	11.3	8,476	71.6	2,624	31.3
1973	34,560	68.8	12,403	36.0	4,739	12.8	9,099	71.4	2,602	29.9
1974	34,634	67.1	12,789	35.9	3,976	11.5	9,186	70.1	2,554	28.8
1975	34,851	69.2	13,072	36.3	3,375	9.7	9,297	70.6	2,185	26.1
1976	28,848	67.5	13,784	37.3	3,631	10.3	10,239	71.1	2,793	31.2
1977	30,118	67.4	14,245	37.0	4,053	10.9	9,800	67.3	3,037	29.4
1978	30,825	67.7	15,065	37.9	4,669	12.1	10,749	69.3	3,822	32.7
1979	31,817	69.0	16,408	39.0	4,796	12.1	10,925	70.3	4,303	33.7

Census	Eating and Drinking Places		Miscellaneous Retail Stores		Wholesale Trade		Total Finance, Ins., and Real Estate		Total Finance	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	11,917	61.5	4,417	31.9	5,757	18.2	9,170	36.9	3,777	35.5
1950	19,237	70.4	9,009	43.1	10,319	22.6	16,011	48.7	7,098	52.4
1960	22,536	74.3	8,931	31.3	11,296	23.2	23,980	51.0	11,680	51.0
1970	30,182	67.4	20,279	52.0	16,046	24.1	32,863	53.5	13,614	62.8
<u>CES</u>										
1970	30,249	59.2	11,931	50.1	18,388	22.8	35,989	56.9	17,319	58.9
1971	30,941	59.3	12,257	50.8	18,415	22.8	37,938	59.1	18,101	61.4
1972	33,515	60.3	11,895	47.8	18,228	22.6	38,848	59.1	19,159	63.4
1973	37,830	60.6	13,059	48.9	19,079	22.7	40,620	58.4	20,547	63.9
1974	41,514	60.8	13,533	47.8	21,248	23.9	40,851	57.1	20,290	61.1
1975	42,119	58.7	14,338	49.4	22,158	24.2	43,672	59.4	22,323	65.6
1976	44,969	60.7	15,629	48.8	24,575	23.7	46,017	60.8	22,672	65.1
1977	50,146	60.0	20,040	57.2	26,182	24.9	48,463	60.5	23,518	64.1
1978	56,522	62.0	21,699	58.0	27,448	25.1	51,011	60.9	24,875	64.8
1979	61,006	61.8	23,253	60.1	29,512	25.4	56,311	62.8	27,301	66.8

Census	Banking		Other Finance		Insurance and Real Estate		Total Insurance		Real Estate	
	Females	Per Cent of Total Employment	Female	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	NA	NA	NA	NA	5,393	37.7	NA	NA	NA	NA
1950	NA	NA	NA	NA	8,913	46.1	NA	NA	NA	NA
1960	NA	NA	NA	NA	12,300	47.0	NA	NA	NA	NA
1970	NA	NA	NA	NA	19,249	48.4	12,541	51.4	6,708	43.7
<u>CES</u>										
1970	12,085	65.6	5,234	47.6	18,670	55.1	14,341	57.9	4,329	47.6
1971	12,382	65.8	5,719	53.7	19,837	57.2	14,761	58.9	5,076	52.8
1972	12,698	65.9	6,461	59.0	19,689	55.5	14,655	58.5	5,034	48.2
1973	13,373	66.8	7,174	59.1	20,073	53.7	14,238	56.3	5,835	48.2
1974	13,707	64.8	6,583	54.5	20,561	53.6	14,764	57.1	5,797	46.4
1975	14,796	67.3	7,527	62.4	21,349	54.0	16,145	59.2	5,204	42.5
1976	15,378	68.8	7,294	58.5	23,345	57.1	16,907	60.0	6,438	50.6
1977	16,098	69.4	7,420	55.1	24,945	57.5	18,733	62.5	6,212	46.3
1978	16,726	68.7	8,149	58.1	26,136	57.3	19,218	61.7	6,918	48.5
1979	18,348	70.9	8,953	59.8	29,010	59.5	20,987	63.0	8,023	51.8

Census	Total Services		Hotels		Personal Services		Miscellaneous Business Services		Auto Repairs Services and Garage	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	34,719	49.1	4,281	50.6	6,485	57.4	1,182	25.2	246	3.1
1950	53,546	50.2	4,663	54.9	7,625	57.7	3,097	29.1	587	4.5
1960	82,346	59.2	5,648	59.3	8,266	62.7	4,239	41.0	441	5.7
1970	138,665	62.2	7,071	62.4	12,726	70.3	NA	NA	1,194	13.7
<u>CES</u>										
1970	126,444	57.7	8,558	63.1	10,629	67.3	9,657	41.0	1,934	18.3
1971	134,840	61.1	8,283	61.2	10,455	68.8	8,803	40.7	2,215	22.4
1972	136,930	58.9	8,682	59.2	10,323	69.2	9,575	39.8	2,012	18.7
1973	146,976	59.6	9,466	61.6	10,464	67.8	12,166	44.4	2,280	19.3
1974	154,852	59.1	10,776	61.7	10,008	65.8	12,072	42.3	1,736	14.5
1975	158,059	58.7	11,564	62.3	10,334	69.8	12,126	42.7	2,485	20.9
1976	160,134	57.1	10,425	58.4	9,658	66.1	13,448	42.1	2,591	21.5
1977	177,638	58.9	10,376	58.5	10,602	65.4	15,811	42.2	2,489	18.8
1978	190,182	58.9	10,674	59.0	10,553	64.0	18,541	43.1	2,738	18.3
1979	202,866	58.6	11,350	58.0	10,938	63.7	22,513	45.0	3,233	20.3

Census	Motion Pictures and Amusement		Total Hospital and Medical Service		Legal Services		Educational Services		Miscellaneous Services	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	1,140	19.0	12,506	83.3	1,371	61.3	4,326	69.9	3,182	35.8
1950	2,400	29.2	21,443	82.9	1,542	47.8	7,054	66.0	5,135	40.8
1960	2,897	38.2	35,563	84.9	NA	NA	11,424	66.2	NA	NA
1970	3,919	45.9	62,157	84.0	NA	NA	18,779	62.1	NA	NA
<u>CES</u>										
1970	4,171	43.0	59,050	82.8	2,372	63.8	9,452	47.8	20,621	44.7
1971	4,592	45.8	65,602	83.7	2,487	62.4	10,102	50.8	22,301	46.4
1972	4,795	44.8	68,330	82.4	2,748	61.5	9,832	47.9	20,633	42.1
1973	5,186	44.8	72,019	83.1	3,445	67.8	10,160	49.7	21,790	41.1
1974	5,513	44.1	76,279	82.7	3,619	64.9	10,978	51.8	23,871	42.4
1975	6,157	47.1	76,014	79.1	4,006	66.6	11,353	50.0	24,020	40.4
1976	6,801	50.1	75,736	77.1	4,159	66.5	11,182	52.9	26,134	40.2
1977	6,459	44.7	86,914	82.9	4,472	65.1	9,706	46.5	30,809	44.1
1978	6,649	43.2	91,681	83.4	5,054	67.6	9,575	44.0	34,717	45.9
1979	7,573	46.3	93,212	80.4	5,392	68.2	10,129	44.0	38,526	50.0

Census	Total Government		Total Federal Government		Federal Public Administration		Federal Hospitals		Post Office	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	32,198	39.3	NA	NA	NA	NA	NA	NA	761	9.6
1950	41,906	40.3	NA	NA	NA	NA	NA	NA	1,162	11.0
1960	58,046	41.8	NA	NA	NA	NA	NA	NA	1,443	11.8
1970	106,496	48.1	13,452	33.6	9,385	41.9	1,450	50.5	2,617	17.7
<u>CES</u>										
1970	104,878	44.6	6,655	20.9	3,354	24.2	1,625	51.9	1,676	11.3
1971	108,082	44.8	5,904	19.3	2,632	20.8	1,685	51.9	1,587	10.8
1972	110,935	44.9	5,860	19.2	2,535	19.8	1,810	52.1	1,515	10.6
1973	117,290	45.2	5,714	19.2	2,544	19.8	1,803	51.5	1,367	10.2
1974	121,621	45.5	5,873	19.4	2,557	19.4	1,909	52.0	1,407	10.5
1975	125,068	46.1	6,361	20.9	2,936	21.9	1,879	52.0	1,546	11.5
1976	132,081	47.1	6,234	20.7	2,783	21.5	1,936	52.0	1,515	11.3
1977	133,741	46.5	6,370	21.2	2,996	22.5	1,950	51.3	1,424	11.0
1978	143,529	48.1	6,498	21.3	3,046	22.0	2,011	52.0	1,441	11.2
1979	145,235	48.3	7,220	23.4	3,510	25.0	1,969	52.0	1,741	13.4

Census	Total State Government		State Public Administration		State Hospitals		State Education		Transp. Comm. & Public Utilities	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	NA	NA	NA	NA	NA	NA	NA	NA	7,104	11.9
1950	NA	NA	NA	NA	NA	NA	NA	NA	13,422	13.2
1960	NA	NA	NA	NA	NA	NA	NA	NA	14,138	16.9
1970	28,210	46.8	7,062	33.5	6,793	67.0	14,355	49.5	18,151	21.3
<u>CES</u>										
1970	25,659	48.2	6,426	31.5	6,788	68.4	12,445	43.0	18,397	21.1
1971	26,720	50.4	6,316	34.1	6,755	68.6	13,649	43.1	17,922	21.8
1972	25,483	49.2	5,882	32.6	6,537	68.8	13,064	43.2	18,372	21.5
1973	26,508	50.7	6,029	33.6	6,394	69.0	14,085	43.6	18,585	21.1
1974	27,541	49.0	5,972	33.7	6,663	69.3	14,906	44.0	19,141	21.4
1975	28,033	49.5	6,429	33.9	6,618	69.6	14,986	44.2	20,846	23.5
1976	29,222	44.1	7,004	32.3	6,662	69.6	15,556	44.5	20,748	23.7
1977	29,910	43.8	7,027	31.0	7,118	69.6	15,765	45.5	21,231	23.5
1978	31,891	45.3	7,736	33.4	7,615	69.6	16,540	45.5	22,254	23.9
1979	33,299	46.4	8,389	35.3	7,321	69.6	17,589	47.0	23,765	24.3

Census	Total Local Government		Local Public Administration		Local Hospitals		Local Education	
	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment	Females	Per Cent of Total Employment
1940	NA	NA	NA	NA	NA	NA	NA	NA
1950	NA	NA	NA	NA	NA	NA	NA	NA
1960	NA	NA	NA	NA	NA	NA	NA	NA
1970	64,834	53.5	12,441	30.0	10,573	86.2	41,820	62.1
<u>CES</u>								
1970	72,564	50.4	14,310	28.3	9,034	80.3	49,220	60.0
1971	75,458	50.1	14,395	27.2	9,324	80.8	51,739	60.1
1972	79,592	50.1	15,620	27.5	9,733	79.2	54,239	60.5
1973	85,068	49.9	16,206	27.4	10,444	80.8	58,418	59.4
1974	88,207	49.9	17,183	28.5	10,849	79.2	60,175	58.6
1975	90,674	50.9	17,563	29.0	11,957	79.5	61,154	59.6
1976	96,625	52.5	21,885	35.2	12,080	75.2	62,660	59.3
1977	97,461	51.5	21,802	33.9	13,427	76.6	62,232	57.9
1978	105,140	50.4	25,015	36.4	14,619	80.2	65,506	59.6
1979	104,716	52.9	24,834	35.9	15,606	82.9	64,276	58.4