

DETAILED CHARACTERISTICS

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
THE STATE—TOTAL												
Male, employed	1,784,784	10,870	22,065	45,791	177,085	225,248	222,163	409,891	339,039	138,714	103,009	90,909
Professional, technical, and kindred workers.....	126,486	103	112	918	9,064	20,495	19,879	33,622	24,088	8,188	5,290	4,727
Accountants and auditors.....	14,266	...	...	45	975	2,401	2,455	3,713	2,811	963	550	353
Architects.....	902	...	...	2	50	102	102	227	198	93	65	71
Artists and art teachers.....	1,899	2	4	20	234	376	291	482	290	80	77	43
Authors, editors, and reporters.....	2,285	2	3	18	212	367	342	637	390	121	97	96
Chemists.....	2,678	...	...	15	217	538	571	799	323	103	70	42
Clergymen.....	5,632	...	...	5	109	492	731	1,619	1,215	510	409	542
College presidents, prof's, & instructors (n.e.c.).....	4,009	...	...	8	200	687	692	1,078	722	283	199	140
Dentists.....	2,783	...	...	2	21	280	712	816	271	139	281	281
Designers and draftsmen.....	10,323	10	8	180	1,506	2,440	1,954	2,210	1,205	391	259	160
Engineers, aeronautical.....	239	...	...	...	23	62	55	60	26	6	4	3
Engineers, civil.....	3,729	...	...	7	239	524	431	892	924	321	238	153
Engineers, electrical.....	3,829	...	...	3	258	787	569	960	822	215	153	62
Engineers, mechanical.....	9,040	...	...	26	459	1,442	1,441	2,349	1,915	750	429	229
Other technical engineers.....	9,683	...	...	15	378	1,587	1,818	2,954	1,799	586	349	197
Lawyers and judges.....	5,278	...	...	...	38	337	617	1,662	1,417	435	329	443
Musicians and music teachers.....	2,817	18	24	91	349	457	444	775	372	115	82	90
Natural scientists (n.e.c.).....	909	...	...	7	82	160	181	273	120	39	36	11
Pharmacists.....	3,644	...	...	10	140	408	369	1,019	972	310	205	211
Physicians and surgeons.....	6,860	...	...	2	114	874	957	1,911	1,508	551	383	560
Social scientists.....	785	...	...	5	54	174	132	229	111	45	20	15
Social, welfare, and recreation workers.....	1,568	5	5	16	149	250	237	367	275	116	62	86
Surveyors.....	561	...	...	15	104	100	65	99	84	22	25	27
Teachers (n.e.c.).....	10,675	7	10	31	658	1,827	1,523	3,065	2,322	701	335	196
Technicians, medical and dental.....	1,193	1	3	31	208	254	230	249	149	39	19	10
Other professional, technical, and kindred workers.....	20,919	58	55	364	2,287	3,596	3,392	5,281	3,302	1,122	756	706
Farmers and farm managers.....	110,318	214	285	875	4,164	7,344	9,577	22,007	22,430	12,948	12,239	18,235
Managers, officials, & proprietors, exc. farm.....	165,934	91	113	531	5,403	13,032	19,019	46,722	44,401	17,088	10,723	8,811
Officials & inspectors, State & local administration.....	4,041	...	...	16	80	299	408	846	1,028	513	378	473
Other specified managers and officials.....	16,217	17	14	72	599	1,462	2,009	4,292	4,007	1,757	1,199	789
Managers, officials, & prop'r's (n.e.c.)—salaried.....	62,163	38	64	300	2,791	5,838	7,784	18,332	16,063	5,485	3,204	2,264
Manufacturing.....	20,193	7	24	64	453	1,346	2,343	6,410	5,853	2,029	1,071	627
Wholesale and retail trade.....	21,496	12	24	169	1,473	2,872	3,218	6,306	4,374	1,480	889	679
Finance, insurance, and real estate.....	5,055	6	2	9	154	358	447	1,375	1,537	512	323	232
Other industries (incl. not reported).....	15,419	13	14	92	711	1,462	1,776	4,241	4,099	1,464	921	626
Managers, officials, & prop'r's (n.e.c.)—self-employed.....	83,513	36	35	143	1,933	5,433	8,818	23,252	23,303	9,333	5,942	5,285
Construction.....	8,528	2	2	11	217	661	1,028	2,109	2,259	973	510	556
Manufacturing.....	8,506	9	3	6	151	438	505	2,507	2,450	948	639	457
Wholesale trade.....	6,077	3	...	12	120	386	620	1,072	1,735	556	380	317
Eating and drinking places.....	8,409	...	...	13	137	462	761	2,331	2,660	1,180	587	308
Retail trade, exc. eating and drinking places.....	36,931	18	17	74	971	2,603	4,053	10,835	9,886	3,788	2,418	2,268
Other industries (incl. not reported).....	15,062	4	9	27	337	883	1,451	3,998	4,323	1,766	1,131	1,133
Clerical and kindred workers.....	115,235	226	1,275	4,435	17,106	17,387	15,114	23,425	19,232	7,613	5,252	4,170
Bookkeepers.....	5,196	1	14	161	839	1,008	700	980	707	296	224	266
Mail carriers.....	6,804	3	10	65	942	1,041	1,020	1,311	1,355	615	274	168
Other clerical and kindred workers.....	103,235	222	1,251	4,209	15,325	15,338	13,394	21,134	17,170	6,702	4,754	3,736
Sales workers.....	105,765	4,763	3,954	3,840	11,050	14,105	12,840	21,470	17,442	6,813	4,853	4,635
Insurance agents and brokers.....	10,075	9	2	28	653	1,617	1,425	2,303	2,108	780	536	614
Real estate agents and brokers.....	5,747	5	3	20	199	418	424	935	1,447	847	671	778
Other specified sales workers.....	8,851	4,275	1,628	245	259	361	304	546	575	247	215	196
Salesmen and sales clerks (n.e.c.).....	81,092	474	2,321	3,547	9,939	11,709	10,687	17,686	13,312	4,939	3,431	3,047
Manufacturing.....	13,754	46	28	70	901	2,031	2,148	3,747	2,678	1,013	596	496
Wholesale trade.....	14,126	7	33	94	1,080	2,114	2,192	3,739	2,701	1,038	633	495
Retail trade.....	49,232	410	2,223	3,319	7,541	7,039	5,831	9,240	7,155	2,591	1,993	1,890
Other industries (incl. not reported).....	3,980	11	37	64	417	525	516	960	778	297	209	166
Craftsmen, foremen, and kindred workers.....	381,411	144	770	3,951	26,948	44,931	49,164	96,651	85,364	33,598	24,020	15,870
Bakers.....	3,948	1	32	136	512	449	409	913	759	329	246	162
Blacksmiths, forgemen, and hammermen.....	3,197	...	3	28	193	296	318	695	639	365	339	281
Boilermakers.....	942	...	...	8	66	108	111	216	209	102	74	48
Cabinetmakers and patternmakers.....	7,169	1	11	85	504	793	802	1,294	1,464	791	770	654
Carpenters.....	29,533	6	68	362	2,076	3,549	3,527	5,898	5,653	3,086	2,809	2,497
Compositors and typesetters.....	6,167	4	31	197	740	678	726	1,540	1,179	475	351	286
Cranemen, hoistmen, & const. machinery operators.....	9,436	2	4	72	670	1,207	1,430	2,832	2,078	627	363	310
Electricians.....	14,254	5	13	56	937	1,987	2,099	3,713	3,391	1,071	672	672
Foremen (n.e.c.).....	44,983	13	10	46	711	2,398	4,976	15,143	13,879	4,356	2,471	1,020
Manufacturing, durable goods.....	30,157	9	2	25	381	1,494	3,412	10,624	9,386	2,803	1,480	541
Mfg., nondurable goods (incl. not spec. mfg.).....	4,981	1	5	11	96	275	594	1,764	1,400	438	268	129
Nonmanufacturing industries (incl. not rptd.).....	9,845	3	3	10	234	589	970	2,755	3,093	1,115	723	350
Linemen & servicemen, t'graph, t'phone, & power.....	9,041	3	3	122	1,738	2,717	1,504	1,399	1,126	254	152	23
Locomotive engineers.....	2,093	...	...	3	15	38	58	187	700	508	426	158
Locomotive firemen.....	1,466	...	...	12	170	316	242	328	262	86	32	17
Machinists and job setters.....	31,802	11	17	241	1,764	3,678	4,648	8,338	7,234	2,883	1,769	1,019
Masons, tile setters, and stone cutters.....	8,173	...	...	13	158	975	1,228	968	1,528	690	577	462
Mechanics and repairmen, airplane.....	576	...	...	7	75	155	111	153	52	10	7	6
Mechanics and repairmen, automobile.....	34,761	10	132	585	3,875	5,301	5,368	9,419	6,640	1,930	1,018	483
Mechanics and repairmen, radio and television.....	2,523	5	20	65	507	595	454	571	235	42	18	11
Other mechanics and repairmen, and loom fixers.....	52,718	23	158	642	3,872	6,036	6,618	13,116	11,405	4,757	3,586	2,505
Millwrights.....	6,606	2	4	20	191	476	744	1,944	1,740	678	520	287
Molders, metal.....	5,287	...	...	44	377	704	764	1,380	1,000	472	364	180
Painters (construction), paperhangers, & glaziers.....	14,508	10	75	215	990	1,425	1,390	3,224	3,428	1,428	1,186	1,137
Plasterers and cement finishers.....	3,687	1	12	58	518	403	518	768	829	311	258	126
Plumbers and pipe fitters.....	11,184	4	5	74	682	1,314	1,440	2,844	2,532	1,107	735	447
Printing craftsmen, exc. compositors & typesetters.....	3,094	1	9	55	379	363	370	827	624	208	158	100
Shoemakers and repairers, except factory.....	1,872	5	13	25	94	119	126	307	426	240	236	281
Stationary engineers.....	9,269	4	4	41	420	916	1,034	2,266	2,260	941	768	595
Structural metal workers.....	1,435	...	...	11	105	185	201	421	302	98	71	40
Tailors and furriers.....	2,094	2	...	13	79	166	135	345	435	332	239	349
Tinsmiths, coppersmiths, and sheet metal workers.....	5,862	6	13	77	536	906	918	1,315	1,055	460	377	219

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Table with 13 columns: Area, occupation, color, and sex; Total, 14 years old and over; 14 and 15 years; 16 and 17 years; 18 and 19 years; 20 to 24 years; 25 to 29 years; 30 to 34 years; 35 to 44 years; 45 to 54 years; 55 to 59 years; 60 to 64 years; 65 and over. Rows include THE STATE—TOTAL, Male—Con., Operatives and kindred workers, Manufacturing, Nonmanufacturing industries, etc.

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THE STATE--TOTAL												
Female, employed	607,143	4,011	13,505	39,634	100,989	79,044	68,316	134,537	98,870	31,860	20,747	15,630
Professional, technical, and kindred workers	75,923	99	145	2,038	11,799	10,099	7,306	18,373	16,155	5,088	2,908	1,913
Accountants and auditors	2,491	...	...	129	509	346	259	539	474	135	53	47
Actresses, dancers, and entertainers (n.e.c.)	700	9	13	46	211	142	86	105	53	14	11	10
Artists and art teachers	925	1	2	23	189	166	106	205	145	39	27	22
Authors, editors, and reporters	966	3	5	26	183	161	91	199	143	51	43	61
Chemists and natural scientists (n.e.c.)	504	...	...	8	138	145	58	73	53	13	7	9
College presidents, profs, & instructors (n.e.c.)	1,002	...	...	8	80	141	88	247	269	87	57	25
Designers and draftsmen	404	...	...	17	99	91	48	68	49	22	7	3
Dietitians and nutritionists	855	...	...	28	143	140	105	185	165	36	36	17
Lawyers and judges	184	...	...	1	12	15	19	54	40	20	12	11
Librarians	1,998	21	30	71	224	203	147	427	432	161	132	150
Musicians and music teachers	3,277	32	48	80	352	341	316	728	720	272	185	203
Nurses, professional	15,979	...	...	80	2,800	3,004	1,958	3,832	2,569	889	498	349
Nurses, student professional	2,475	...	13	1,012	1,250	81	34	40	32	11	1	1
Physicians and surgeons	352	...	...	3	25	65	46	89	65	22	19	18
Social scientists	322	...	...	5	56	64	54	86	47	14	10	6
Social, welfare, and recreation workers	2,499	...	3	21	362	389	284	563	499	198	90	70
Teachers (n.e.c.)	33,475	5	11	206	3,714	3,370	2,805	9,398	9,242	2,663	1,428	633
Technicians, medical and dental	1,621	2	7	88	479	370	196	382	128	34	24	11
Therapists and healers (n.e.c.)	502	2	...	2	71	78	51	112	109	42	25	10
Other professional, technical, and kindred workers	5,392	24	13	184	682	787	575	1,141	921	365	243	257
Farmers and farm managers	3,026	7	16	20	76	130	178	518	728	440	394	529
Managers, officials, & proprietors, exc. farm	23,403	11	48	211	1,116	1,636	2,435	6,906	6,415	2,178	1,312	1,135
Specified managers and officials	3,970	5	12	54	318	364	360	1,027	1,041	374	235	180
Managers, officials, & propr's (n.e.c.)—salaried	7,928	5	29	122	592	734	864	2,220	1,963	590	348	261
Wholesale and retail trade	3,323	...	12	52	260	291	394	1,065	835	206	122	86
Other industries (incl. not reported)	4,405	5	17	70	332	443	470	1,155	1,128	384	226	175
Mgrs., officials, & propr's (n.e.c.)—self-employed	11,705	1	7	35	206	538	1,211	3,659	3,411	1,214	729	694
Eating and drinking places	2,813	...	2	11	54	138	314	1,031	844	255	110	54
Wholesale & retail trade, exc. eating & drinking pl.	5,947	1	5	14	108	278	623	1,795	1,692	620	407	404
Other industries (incl. not reported)	2,945	...	...	10	44	122	274	833	875	339	212	236
Clerical and kindred workers	178,960	135	2,447	19,509	50,311	29,352	18,304	29,935	19,954	4,818	2,649	1,546
Bookkeepers	21,140	2	152	1,589	4,624	2,949	2,250	4,576	3,399	836	458	305
Cashiers	8,488	22	374	1,110	2,109	1,125	864	1,486	955	244	138	61
Stenographers, typists, and secretaries	58,755	12	558	6,409	18,105	11,327	6,389	8,821	5,150	1,090	567	327
Telephone operators	13,170	12	157	1,777	4,365	1,871	887	2,027	1,515	329	153	77
Other clerical and kindred workers	77,407	87	1,206	8,624	21,108	12,080	7,914	13,025	8,935	2,319	1,333	776
Sales workers	62,071	497	4,142	5,963	8,395	5,924	6,402	13,908	10,221	3,219	2,066	1,334
Insurance and real estate agents and brokers	1,649	1	4	23	155	102	154	374	440	166	118	112
Other specified sales workers	1,475	103	74	57	158	200	165	346	244	55	46	27
Salesmen and sales clerks (n.e.c.), retail trade	55,878	379	3,865	5,595	7,660	5,287	5,792	12,541	9,035	2,836	1,768	1,120
Salesmen and sales clerks (n.e.c.), exc. retail trade	3,069	14	199	288	422	335	291	647	502	162	134	75
Craftsmen, foremen, and kindred workers	10,194	10	53	311	1,225	1,171	1,253	2,725	2,095	637	423	291
Foremen (n.e.c.)	1,994	1	1	20	138	166	260	634	514	139	79	42
Other craftsmen and kindred workers	8,200	9	52	291	1,087	1,005	993	2,091	1,581	498	344	249
Operatives and kindred workers	109,066	51	624	3,652	13,411	16,298	16,772	30,601	17,789	4,937	3,012	1,919
Dressmakers and seamstresses, except factory	4,568	1	10	45	160	212	291	916	1,050	610	591	682
Laundry and dry cleaning operatives	10,619	10	101	416	1,223	1,397	1,451	2,842	1,920	629	419	251
Spinners and weavers, textile	221	...	...	6	22	24	37	49	36	16	16	15
Other specified operatives and kindred workers	6,684	9	65	253	899	1,101	1,068	1,805	976	265	137	106
Operatives and kindred workers (n.e.c.)	86,974	31	448	2,932	11,107	13,604	13,925	24,989	13,807	3,417	1,849	865
Manufacturing	81,449	12	310	2,607	10,301	12,923	13,208	23,671	12,894	3,139	1,661	723
Durable goods	59,202	2	146	1,598	6,964	9,818	10,158	17,873	9,305	1,982	969	387
Metal industries	7,810	...	23	258	1,017	1,278	1,350	2,310	1,160	248	120	46
Machinery, including electrical	11,831	...	33	374	1,802	2,055	3,191	3,191	1,717	377	178	91
Other durable goods	39,561	2	90	966	4,145	6,485	6,795	12,372	6,428	1,397	671	250
Nondurable goods	21,648	10	160	990	3,239	3,003	2,967	5,633	3,500	1,143	678	325
Food and kindred products	6,689	4	62	356	1,212	977	907	1,654	920	316	192	69
Knitting mills	632	...	12	41	99	77	58	162	110	35	23	15
Textile mill products, except knitting	723	1	2	15	77	83	97	213	138	49	34	14
Apparel & other fabricated textile products	4,722	...	42	199	561	424	483	1,185	1,065	375	246	142
Leather and leather products	1,028	...	4	76	191	134	147	273	148	30	16	9
Other nondurable goods	7,854	5	38	303	1,099	1,275	1,275	2,146	1,119	338	167	76
Not specified manufacturing industries	599	...	4	19	98	102	83	165	89	14	14	11
Nonmanufacturing industries (incl. not rptd.)	5,525	19	138	325	806	681	717	1,318	913	278	188	142
Private household workers	38,209	2,274	2,435	1,980	2,668	2,775	3,124	7,309	6,807	3,159	2,752	2,926
Private household workers—living in	7,998	44	255	441	704	562	517	1,219	1,488	823	827	1,118
Private household workers—living out	30,211	2,230	2,180	1,539	1,964	2,213	2,607	6,090	5,319	2,336	1,925	1,808
Service workers, except private household	83,351	366	2,754	4,917	9,567	9,240	9,842	19,132	14,742	5,771	4,101	2,919
Attendants, hospital and other institution	6,646	13	161	534	1,011	796	736	1,515	1,163	361	223	133
Barbers, beauticians, and manicurists	7,334	2	22	193	930	1,182	1,442	2,091	1,046	227	119	80
Charwomen, janitors, and porters	7,527	30	49	60	158	347	605	1,687	2,188	1,135	802	466
Cooks, except private household	8,441	3	14	96	245	428	693	2,351	2,419	1,080	706	406
Housekeepers & stewards, exc. private household	3,307	1	2	28	130	171	187	616	921	488	416	347
Practical nurses and midwives	4,936	1	14	153	401	352	389	934	1,128	575	487	502
Waitresses, bartenders, and counter workers	28,929	217	1,864	2,992	5,038	4,464	4,253	6,391	2,660	579	296	175
Other service workers, except private household	16,231	99	628	861	1,654	1,500	1,537	3,547	3,217	1,326	1,052	810
Farm laborers and foremen	7,137	211	270	240	492	537	750	1,686	1,487	675	441	348
Farm laborers, unpaid family workers	5,275	148	175	133	288	363	568	1,299	1,157	535	347	262
Farm laborers, except unpaid, and farm foremen	1,862	63	95	107	204	174	182	387	330	140	94	86
Laborers, except farm and mine	5,452	22	93	305	776	730	804	1,322	825	297	172	106
Occupation not reported	10,341	328	478	488	1,153	1,152	1,146	2,122	1,652	641	517	664

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THE STATE--NONWHITE												
Male, employed.....	115,837	264	693	2,023	11,342	17,753	16,936	31,717	22,770	6,298	3,559	2,482
Professional, technical, and kindred workers.....	2,203	2	3	22	182	352	337	547	410	137	93	98
Accountants and auditors.....	64	...	...	1	6	7	14	18	12	5	1	...
Architects.....	6	...	...	...	1	2	1	2	...	...	...	...
Artists and art teachers.....	28	...	...	...	5	6	8	7	1	1	...	...
Authors, editors, and reporters.....	18	...	...	...	2	3	5	8	...	...	...	...
Chemists.....	31	...	...	...	5	7	4	7	6	1	...	1
Clergymen.....	388	...	...	1	6	16	15	74	129	53	45	49
College presidents, prof'rs, & instructors (n.e.c.).....	30	...	...	1	...	5	6	12	4	1	...	1
Dentists.....	52	...	...	...	...	10	10	6	13	7	4	2
Designers and draftsmen.....	45	...	...	1	5	15	11	7	3	1	2	...
Engineers, aeronautical.....	1	...	...	...	1	...	...	...	...	...	...	...
Engineers, civil.....	33	...	...	...	1	6	10	7	5	1	3	...
Engineers, electrical.....	25	...	...	...	2	9	5	3	4	1	...	1
Engineers, mechanical.....	40	...	...	...	1	10	6	13	8	2	...	...
Other technical engineers.....	23	...	...	...	3	1	3	6	10	...	...	...
Lawyers and judges.....	89	...	...	...	1	11	11	19	28	7	5	7
Musicians and music teachers.....	206	...	1	5	35	45	37	59	18	2	2	2
Natural scientists (n.e.c.).....	28	...	...	...	6	6	2	10	3	...	1	...
Pharmacists.....	95	...	...	1	9	14	20	23	18	4	3	3
Physicians and surgeons.....	203	...	...	...	3	20	29	58	53	15	6	19
Social scientists.....	13	...	...	...	...	1	4	2	...	...	...	2
Social, welfare, and recreation workers.....	146	1	...	...	22	34	37	34	13	2	1	...
Surveyors.....	6	...	...	...	1	3	...	...	1	...	...	...
Teachers (n.e.c.).....	164	...	...	1	14	35	42	67	10	3	1	1
Technicians, medical and dental.....	52	...	...	2	5	14	10	12	5	1	2	1
Other professional, technical, and kindred workers.....	417	1	2	9	48	68	70	101	64	29	17	8
Farmers and farm managers.....	440	1	...	5	16	16	18	82	108	50	56	88
Managers, officials, & proprietors, exc. farm.....	2,735	4	7	13	98	197	283	735	841	278	146	133
Officials & inspectors, State & local administration.....	63	...	...	...	4	11	8	17	14	5	3	1
Other specified managers and officials.....	161	...	...	...	10	17	21	49	38	9	6	11
Managers, officials, & propr's (n.e.c.)—salaried.....	715	...	4	8	45	64	94	197	189	61	32	21
Manufacturing.....	65	...	...	...	8	7	6	21	15	4	3	1
Wholesale and retail trade.....	265	...	3	4	15	21	26	72	75	27	13	9
Finance, insurance, and real estate.....	65	...	...	...	2	7	9	21	14	7	2	3
Other industries (incl. not reported).....	320	...	1	4	20	29	53	83	85	23	14	8
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	1,796	4	3	5	39	105	160	472	600	203	105	100
Construction.....	146	...	...	...	8	18	43	44	13	9	11	11
Manufacturing.....	38	3	1	...	5	3	6	12	4	2	2	2
Wholesale trade.....	165	...	1	3	7	7	5	25	62	24	17	14
Eating and drinking places.....	252	...	...	1	4	14	20	68	92	35	9	9
Retail trade, exc. eating and drinking places.....	570	1	...	1	16	34	52	141	204	67	28	26
Other industries (incl. not reported).....	625	...	1	...	12	37	62	189	186	60	40	38
Clerical and kindred workers.....	4,483	7	35	117	670	851	688	1,055	707	208	89	56
Bookkeepers.....	35	...	...	1	4	11	4	8	4	...	1	2
Mail carriers.....	489	...	...	1	78	114	89	101	77	21	8	...
Other clerical and kindred workers.....	3,959	7	35	115	588	726	595	946	626	187	80	54
Sales workers.....	1,614	105	125	103	191	205	163	321	252	71	47	31
Insurance agents and brokers.....	237	1	...	3	26	56	30	66	40	5	6	4
Real estate agents and brokers.....	155	...	...	...	10	11	19	38	50	13	8	6
Other specified sales workers.....	226	95	71	10	5	3	5	9	20	6	1	1
Salesmen and sales clerks (n.e.c.).....	996	9	54	90	150	135	109	208	142	47	32	20
Manufacturing.....	51	...	...	1	2	9	7	20	7	4	...	...
Wholesale trade.....	65	...	...	5	8	12	8	15	13	3	1	...
Retail trade.....	835	8	54	84	137	109	85	153	115	40	31	19
Other industries (incl. not reported).....	45	...	...	...	3	5	9	20	7	...	...	1
Craftsmen, foremen, and kindred workers.....	14,247	4	15	103	995	1,942	2,074	4,236	3,265	879	460	274
Bakers.....	111	...	...	3	28	17	18	25	15	3	2	...
Blacksmiths, forgemen, and hammermen.....	148	...	...	...	11	17	24	45	37	9	2	3
Boilermakers.....	35	...	...	...	2	3	3	4	13	6	1	3
Cabinetmakers and patternmakers.....	42	...	...	1	2	5	4	10	8	4	4	4
Carpenters.....	474	...	...	2	20	52	54	115	129	45	33	24
Compositors and typesetters.....	58	...	...	3	14	8	7	14	5	2	2	3
Cranemen, hoistmen, & const. machinery operators.....	940	...	1	6	54	117	160	319	218	34	18	13
Electricians.....	189	...	...	2	13	33	23	50	44	17	5	2
Foremen (n.e.c.).....	491	...	...	...	10	25	52	174	148	48	25	9
Manufacturing, durable goods.....	303	...	...	3	19	32	32	113	95	25	13	3
Mfg., nondurable goods (incl. not spec. mfg.).....	43	...	...	2	1	2	15	15	4	3	1	1
Nonmanufacturing industries (incl. not rptd.).....	145	...	...	5	5	18	46	38	19	9	5	5
Linemen & servicemen, t'graph, t'phone, & power.....	74	...	...	1	5	19	14	16	12	5	2	...
Locomotive engineers.....	10	...	...	...	2	1	1	2	...	2	2	...
Locomotive firemen.....	24	...	...	...	2	...	...	7	6	5	2	2
Machinists and job setters.....	989	...	1	4	85	167	161	289	210	39	21	12
Masons, tile setters, and stone cutters.....	675	...	...	6	61	114	98	157	137	52	30	20
Mechanics and repairmen, airplane.....	9	...	...	...	...	3	1	2	1	2	...	...
Mechanics and repairmen, automobile.....	1,743	...	3	16	167	295	299	532	336	64	19	12
Mechanics and repairmen, radio and television.....	67	...	...	...	10	11	13	21	11	...	...	1
Other mechanics and repairmen, and loom fixers.....	2,549	...	6	16	145	306	321	734	646	195	115	65
Millwrights.....	341	...	...	3	8	26	42	120	94	26	14	8
Molders, metal.....	1,976	...	...	8	135	326	339	631	385	104	29	19
Painters (construction), paperhangers, & glaziers.....	619	...	1	7	49	72	71	184	158	36	27	14
Plasterers and cement finishers.....	716	...	1	7	48	66	84	183	208	56	41	22
Plumbers and pipe fitters.....	256	...	1	2	13	20	40	89	55	17	13	6
Printing craftsmen, exc. compositors & typesetters.....	20	1	...	...	1	4	...	6	6	2	...	...
Shoemakers and repairers, except factory.....	125	2	1	6	11	9	16	43	30	1	3	3
Stationary engineers.....	151	...	...	...	3	13	10	46	45	15	11	8
Structural metal workers.....	28	...	...	...	2	4	1	9	6	2	1	3
Tailors and furriers.....	123	...	...	2	2	17	14	36	34	8	8	2
Tinsmiths, coppermiths, and sheet metal workers.....	52	...	...	...	4	11	13	13	8	3	...	...
Toolmakers, and die makers and setters.....	166	...	...	...	6	30	33	46	29	15	4	3
Other craftsmen and kindred workers.....	1,046	1	...	8	82	151	158	314	231	62	26	13

DETAILED CHARACTERISTICS

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
THE STATE--NONWHITE												
Male—Con.												
Operatives and kindred workers.....	49,333	28	102	632	4,966	8,688	8,192	14,440	8,806	2,004	989	486
Apprentices.....	92	...	...	9	14	21	19	14	11	3	...	1
Attendants, auto service and parking.....	679	3	4	25	113	114	114	184	98	19	2	1
Brakemen and switchmen, railroad.....	22	...	...	...	1	3	2	5	6	1	3	3
Bus drivers.....	711	...	...	...	40	195	221	214	36	5	...	1
Files, grinders, and polishers, metal.....	2,181	...	...	24	203	441	405	639	354	68	35	...
Furnacemen, smeltermen, and heaters.....	2,219	...	...	18	147	280	330	665	593	128	66	12
Laundry and dry cleaning operatives.....	1,806	3	20	63	225	299	275	543	256	71	34	32
Meat cutters, except slaughter and packing house.....	175	1	3	14	24	34	34	54	33	6	4	17
Mine operatives and laborers (n.e.c.).....	68	...	...	2	9	11	10	21	11	2	2	2
Motormen, street, subway, and elevated railway.....	137	...	...	...	6	33	40	41	15	1	...	...
Painters, except construction and maintenance.....	1,121	...	1	11	128	181	179	354	209	41	14	3
Power station operators.....	6	...	...	...	...	...	...	2	3	...	...	1
Sailors and deck hands.....	22	...	...	1	5	2	3	3	3	2	3	...
Sawyers.....	69	...	...	...	9	10	8	20	14	3	4	1
Spinners and weavers, textile.....	17	...	...	...	3	2	2	6	1	3	...	1
Stationary firemen.....	372	...	...	3	15	19	38	106	106	45	25	15
Taxicab drivers and chauffeurs.....	677	...	1	3	49	103	111	216	136	30	20	8
Truck drivers and deliverymen.....	4,858	15	29	75	477	759	814	1,514	864	195	81	35
Welders and flame-cutters.....	2,824	2	22	316	653	569	784	384	52	21	11	11
Other specified operatives and kindred workers.....	361	1	4	30	45	55	95	87	17	17	17	9
Operatives and kindred workers (n.e.c.).....	30,926	6	43	369	3,164	5,492	4,963	8,960	5,626	1,312	657	334
Manufacturing.....	29,154	4	28	318	2,983	5,263	4,742	8,468	5,263	1,195	594	296
Durable goods.....	26,924	1	21	265	2,783	4,961	4,408	7,762	4,809	1,097	542	275
Sawmills, planing mills, & misc. wood prod.....	63	...	1	4	8	7	5	15	20	1	1	1
Furniture and fixtures.....	165	...	4	10	46	22	22	32	21	3	3	3
Stone, clay, and glass products.....	247	...	...	5	24	41	44	69	42	13	6	2
Primary metal industries.....	2,790	...	3	22	261	450	412	823	601	138	53	27
Fabric'd metal ind. (incl. not spec. metal).....	782	...	3	15	84	143	126	233	123	35	13	7
Machinery, except electrical.....	427	...	...	6	42	56	64	151	84	11	8	5
Electrical machinery, equipment, & supplies.....	106	...	...	1	6	13	21	47	13	4	1	...
Motor vehicles and motor vehicle equipment.....	42,182	1	8	198	2,298	4,199	3,689	6,351	3,872	883	454	229
Transportation equip., exc. motor vehicle.....	72	...	...	...	3	17	16	20	11	4	...	...
Other durable goods.....	90	...	2	4	11	13	9	21	22	5	2	1
Nondurable goods.....	2,099	3	7	50	182	277	316	677	429	90	48	20
Food and kindred products.....	717	1	6	24	85	96	95	207	134	35	21	13
Yarn, thread, and fabric mills.....	38	...	...	...	3	4	9	8	10	2	1	1
Knitting, and other textile mill products.....	106	...	1	4	13	18	16	33	17	1	3	...
Apparel & other fabricated textile products.....	61	...	...	9	9	13	6	9	11	3	...	...
Paper and allied products.....	122	1	...	3	14	19	13	37	21	8	5	1
Chemicals and allied products.....	211	...	...	5	21	28	33	61	47	9	5	2
Leather and leather products.....	62	...	...	1	14	7	12	18	6	1	1	2
Other nondurable goods.....	782	1	...	4	23	92	132	304	183	31	11	1
Not specified manufacturing industries.....	131	...	...	3	18	25	18	29	25	8	4	1
Nonmanufacturing industries (incl. not rptd.).....	1,772	2	15	51	181	229	221	492	363	117	63	38
Transport, commun., & other public utilities.....	548	...	...	4	40	76	56	157	130	46	30	9
Wholesale and retail trade.....	626	2	10	34	84	71	87	162	109	37	15	15
Other industries (incl. not reported).....	598	...	5	13	57	82	78	173	124	34	18	14
Private household workers.....	571	2	5	13	36	60	61	176	141	31	23	23
Service workers, except private household.....	14,033	60	185	456	1,438	1,499	1,475	3,151	3,045	1,161	823	740
Barbers, beauticians, and manicurists.....	605	...	...	6	33	81	101	164	118	41	27	34
Charwomen, janitors, and porters.....	8,536	12	62	211	749	777	857	1,946	1,956	823	604	539
Cooks, except private household.....	587	2	5	5	40	52	44	169	164	45	34	27
Elevator operators.....	267	3	11	35	26	28	28	55	56	19	17	15
Firemen, fire protection.....	28	...	...	...	2	3	3	14	2	1	2	1
Guards and watchmen.....	288	...	1	...	9	14	15	60	78	41	28	42
Police, sheriffs, and marshals.....	198	...	...	...	9	43	41	43	41	9	6	6
Waiters, bartenders, and counter workers.....	1,039	...	5	22	106	134	124	272	229	69	42	36
Other service workers, except private household.....	2,485	44	109	201	455	369	262	428	401	113	63	40
Farm laborers and foremen.....	669	12	22	35	55	61	74	139	131	47	47	46
Farm laborers, unpaid family workers.....	58	5	10	6	7	7	3	6	7	3	2	2
Farm laborers, except unpaid, and farm foremen.....	611	7	12	29	48	54	71	133	124	44	45	44
Laborers, except farm and mine.....	22,898	30	161	469	2,346	3,425	3,175	6,178	4,628	1,325	705	456
Fishermen and oystermen.....	29	...	1	...	2	2	6	5	7	4	1	1
Longshoremen and stovedores.....	30	...	...	...	5	5	9	5	5	2	1	1
Lumbermen, raftmen, and wood choppers.....	111	1	3	5	4	9	12	29	22	8	10	8
Other specified laborers.....	1,548	10	59	125	249	244	197	375	192	49	18	30
Laborers (n.e.c.).....	21,180	19	98	339	2,089	3,165	2,955	5,760	4,402	1,262	675	416
Manufacturing.....	12,911	1	20	171	1,397	2,100	1,894	3,565	2,484	703	347	229
Durable goods.....	11,914	1	13	145	1,286	1,964	1,771	3,241	2,304	656	323	210
Furniture, saw & plan'g mills, misc. wood pr.....	110	...	3	6	17	17	10	29	16	5	4	3
Stone, clay, and glass products.....	159	...	2	2	20	25	29	37	34	4	4	2
Primary metal industries.....	2,625	1	1	28	267	396	392	739	524	144	78	55
Fabric'd metal ind. (incl. not spec. metal).....	393	...	1	7	50	63	53	127	59	17	11	5
Machinery, including electrical.....	652	...	1	9	62	104	103	191	121	30	14	17
Transportation equipment.....	7,955	...	5	93	868	1,359	1,182	2,110	1,545	455	210	128
Other durable goods.....	20	...	...	...	2	...	2	8	5	1	2	...
Nondurable goods.....	833	...	6	24	112	97	268	154	42	21	15	15
Food and kindred products.....	229	...	4	6	30	35	67	36	13	7	6	1
Textile mill products and apparel.....	72	...	1	5	8	13	9	19	12	3	1	1
Chemicals and allied products.....	109	...	...	3	21	8	12	36	18	7	2	2
Other nondurable goods.....	423	...	1	10	35	56	51	146	88	19	11	6
Not specified manufacturing industries.....	164	...	1	2	17	24	26	56	26	5	3	4
Nonmanufacturing industries (incl. not rptd.).....	8,269	18	78	168	692	1,065	1,061	2,195	1,918	559	328	187
Construction.....	3,839	1	19	58	298	489	515	1,114	906	234	130	75
Railroads and railway express service.....	683	...	...	9	64	77	77	154	189	60	36	22
Transportation, except railroad.....	500	...	...	8	32	40	36	88	50	23	11	5
Telecommunications, & utilities & sanitary serv.....	1,426	...	3	5	71	181	189	400	375	110	68	24
Wholesale and retail trade.....	1,018	11	38	62	133	129	110	219	198	60	31	27
Other industries (incl. not reported).....	1,003	4	13	26	94	154	134	220	200	72	52	34
Occupation not reported.....	2,611	9	33	55	349	457	376	657	436	107	81	51

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
THE STATE--NONWHITE												
Female, employed	42,237	63	255	1,087	5,079	7,259	7,344	12,336	6,438	1,322	678	376
Professional, technical, and kindred workers	2,108	2	3	26	271	508	417	560	232	40	33	16
Accountants and auditors	33	...	...	...	7	5	10	5	3	1	2	...
Actresses, dancers, and entertainers (n.e.c.)	32	...	...	1	10	8	7	5	...	...	...	1
Artists and art teachers	10	...	...	...	2	2	3	...	...	...	...	...
Authors, editors, and reporters	6	...	...	...	1	1	1	2	...	...	...	...
Chemists and natural scientists (n.e.c.)	16	...	...	...	2	5	3	4	2	...	...	...
College presidents, profs., & instructors (n.e.c.)	6	...	...	...	1	2	...	2	1	...	...	...
Designers and draftsmen	15	...	...	...	2	7	2	3	1	...	...	...
Dietitians and nutritionists	118	...	...	5	19	25	25	30	11	2	1	...
Lawyers and judges	6	...	...	1	1	1	2	1	1	...	...	...
Librarians	31	...	...	2	8	8	5	6	2	...	...	...
Musicians and music teachers	125	1	3	3	11	25	18	31	27	2	2	2
Nurses, professional	501	...	...	2	46	122	115	145	53	10	4	4
Nurses, student professional	26	...	...	7	7	4	4	2	2	...	...	...
Physicians and surgeons	10	...	...	...	1	3	1	2	...	1	1	1
Social scientists	13	...	...	...	2	6	2	3	...	...	...	...
Social, welfare, and recreation workers	221	...	...	...	30	65	49	51	23	1	1	1
Teachers (n.e.c.)	696	...	...	1	91	171	143	196	68	14	10	2
Technicians, medical and dental	52	...	...	2	10	18	13	7	1	...	1	...
Therapists and healers (n.e.c.)	14	1	...	...	1	2	2	4	4	...	...	...
Other professional, technical, and kindred workers	177	...	...	3	19	28	12	59	31	9	11	5
Farmers and farm managers	32	...	...	2	...	2	2	6	6	5	5	4
Managers, officials, & proprietors, exc. farm	722	1	2	2	26	67	102	264	186	36	23	13
Specified managers and officials	81	...	1	...	9	9	14	21	18	2	3	4
Managers, officials, & propr's (n.e.c.)—salaried	207	...	1	1	7	26	36	75	40	9	7	5
Wholesale and retail trade	90	...	1	...	2	10	16	38	13	3	3	4
Other industries (incl. not reported)	117	...	...	1	5	16	20	37	27	6	4	1
Mgrs., officials, & propr's (n.e.c.)—self-employed	434	1	...	1	10	32	52	168	128	25	13	4
Eating and drinking places	110	...	...	1	3	6	10	51	31	5	3	1
Wholesale & retail trade, exc. eating & drinking pl.	169	1	...	...	5	17	19	62	47	11	5	2
Other industries (incl. not reported)	155	...	...	1	2	9	23	55	50	9	5	1
Clerical and kindred workers	3,472	1	19	177	911	881	625	607	201	30	14	6
Bookkeepers	159	...	3	6	34	49	28	29	6	2	1	1
Cashiers	199	...	1	12	39	59	35	43	8	1	...	1
Stenographers, typists, and secretaries	1,052	...	5	68	344	315	182	107	26	3	2	...
Telephone operators	98	...	...	15	39	24	7	9	4	...	...	...
Other clerical and kindred workers	1,964	1	10	76	455	434	373	419	157	24	11	4
Sales workers	1,231	7	24	102	259	187	176	292	131	34	12	7
Insurance and real estate agents and brokers	158	1	...	5	21	23	23	49	26	7	1	2
Other specified sales workers	41	2	1	...	8	3	4	13	7	2	1	...
Salesmen and sales clerks (n.e.c.), retail trade	927	4	22	87	208	149	134	203	84	23	9	4
Salesmen and sales clerks (n.e.c.), exc. retail trade	105	...	1	10	22	12	15	27	14	2	1	1
Craftsmen, foremen, and kindred workers	453	1	...	3	39	80	81	137	88	12	7	5
Foremen (n.e.c.)	40	...	...	...	2	8	6	12	12	...	...	...
Other craftsmen and kindred workers	413	1	...	3	37	72	75	125	76	12	7	5
Operatives and kindred workers	8,223	5	17	117	870	1,641	1,711	2,587	1,018	150	67	40
Dressmakers and seamstresses, except factory	279	...	1	5	22	39	32	81	66	15	10	8
Laundry and dry cleaning operatives	3,643	2	7	62	480	721	721	1,071	450	80	32	17
Spinners and weavers, textile	4	...	...	...	...	1	1	2	...	...	...	...
Other specified operatives and kindred workers	460	2	1	5	41	100	96	143	55	12	4	1
Operatives and kindred workers (n.e.c.)	3,837	1	8	45	327	780	861	1,290	447	43	21	14
Manufacturing	3,343	1	6	32	258	695	777	1,145	368	38	14	9
Durable goods	2,529	1	5	18	175	538	598	877	281	23	7	6
Metal industries	266	...	...	...	22	62	61	93	22	4	1	1
Machinery, including electrical	161	...	1	2	11	43	47	43	13	...	...	...
Other durable goods	2,102	1	4	16	142	433	490	741	246	19	5	5
Nondurable goods	787	...	1	13	81	150	174	261	83	15	6	3
Food and kindred products	301	...	1	5	31	55	57	105	40	4	...	3
Knitting mills	11	...	...	...	2	4	...	3	1	...	1	...
Textile mill products, except knitting	67	...	...	...	3	9	...	13	2	1	...	...
Apparel & other fabricated textile products	182	...	...	3	24	31	38	59	19	6	2	...
Leather and leather products	34	...	...	1	6	10	6	9	2	...	...	...
Other nondurable goods	192	...	...	1	15	41	60	63	7	3	2	...
Not specified manufacturing industries	27	...	...	2	7	7	5	7	4	...	1	...
Nonmanufacturing industries (incl. not rptd.)	494	...	2	13	69	85	84	145	79	5	7	5
Private household workers	12,874	22	106	300	1,079	1,672	1,932	4,049	2,620	605	310	179
Private household workers—living in	1,554	...	9	46	191	219	211	423	320	76	34	25
Private household workers—living out	11,320	22	97	254	888	1,453	1,721	3,626	2,300	529	276	154
Service workers, except private household	11,303	7	65	308	1,405	1,930	1,968	3,308	1,710	346	177	79
Attendants, hospital and other institution	1,016	1	7	38	190	246	168	245	96	9	15	1
Barbers, beauticians, and manicurists	888	...	1	7	44	139	213	341	116	15	6	6
Charwomen, janitors, and porters	1,568	...	2	15	64	153	227	520	421	90	49	27
Cooks, except private household	942	...	...	5	63	110	165	352	187	34	20	6
Housekeepers & stewards, exc. private household	304	...	...	...	13	30	38	108	73	26	11	5
Practical nurses and midwives	320	...	...	6	47	68	68	82	33	11	4	1
Waitresses, bartenders, and counter workers	1,543	3	20	96	379	367	287	298	72	15	3	3
Other service workers, except private household	4,722	3	35	141	605	817	802	1,362	712	146	69	30
Farm laborers and foremen	140	2	3	3	8	12	20	40	29	13	6	4
Farm laborers, unpaid family workers	27	...	...	...	2	...	2	15	4	4	...	...
Farm laborers, except unpaid, and farm foremen	113	2	3	3	6	12	18	25	25	9	6	4
Laborers, except farm and mine	1,010	1	8	30	127	167	200	309	123	26	12	7
Occupation not reported	669	14	8	17	84	112	110	177	94	25	12	16

DETAILED CHARACTERISTICS

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT—TOTAL												
Male, employed.....	884,486	4,078	8,430	19,878	85,194	115,887	114,622	205,643	177,214	70,816	49,097	33,667
Professional, technical, and kindred workers.....	69,520	40	60	453	4,904	11,253	11,050	18,321	13,725	4,669	2,875	2,170
Accountants and auditors.....	9,247	...	...	29	602	1,567	1,581	2,381	1,908	649	344	186
Architects.....	602	...	...	2	39	66	61	142	133	63	47	49
Artists and art teachers.....	1,399	1	2	16	180	284	216	345	210	61	57	27
Authors, editors, and reporters.....	1,299	1	...	6	115	211	203	390	211	77	43	42
Chemists.....	1,340	...	...	6	110	254	287	394	167	65	36	21
Clergymen.....	1,926	...	...	1	31	163	251	543	454	171	142	170
College presidents, prof's, & instructors (n.e.c.).....	912	...	...	3	44	162	145	268	170	56	31	33
Dentists.....	1,471	...	...	1	16	146	146	361	460	158	76	107
Designers and draftsmen.....	7,216	5	6	120	1,035	1,727	1,389	1,573	829	256	177	99
Engineers, aeronautical.....	117	...	...	...	7	24	32	18	4	3	1	1
Engineers, civil.....	1,967	...	...	3	133	280	240	410	482	194	141	84
Engineers, electrical.....	3,185	...	...	1	131	431	310	516	512	139	114	31
Engineers, mechanical.....	6,364	...	...	8	307	962	1,024	1,616	1,410	543	325	169
Other technical engineers.....	6,169	...	...	11	218	972	1,130	1,878	1,209	388	225	138
Lawyers and judges.....	3,325	...	...	...	28	207	373	1,038	973	305	201	200
Musicians and music teachers.....	1,541	2	9	37	167	217	246	467	224	75	49	48
Natural scientists (n.e.c.).....	304	...	...	3	36	52	52	93	35	16	12	5
Pharmacists.....	1,822	...	...	6	86	213	206	529	467	137	90	88
Physicians and surgeons.....	3,666	...	...	1	65	537	516	976	824	330	193	224
Social scientists.....	482	...	...	3	31	83	78	153	83	26	15	10
Social, welfare, and recreation workers.....	860	...	...	2	8	101	158	188	138	60	22	33
Surveyors.....	208	...	...	...	7	45	37	19	38	12	8	9
Teachers (n.e.c.).....	4,335	2	8	12	258	702	604	1,199	1,023	291	146	90
Technicians, medical and dental.....	651	...	...	2	13	111	140	119	139	84	22	14
Other professional, technical, and kindred workers.....	10,112	29	31	156	1,008	1,658	1,676	2,652	1,668	571	364	299
Farmers and farm managers.....	4,754	5	14	36	147	270	359	791	992	621	615	904
Managers, officials, & proprietors, exc. farm.....	84,200	37	61	261	2,781	6,727	9,663	23,205	23,447	8,907	5,430	3,681
Officials & inspectors, State & local administration.....	1,612	...	...	7	36	145	173	342	460	185	157	107
Other specified managers and officials.....	8,698	9	5	35	303	837	1,101	2,390	2,229	868	570	351
Managers, officials, & prop'r's (n.e.c.) salaried.....	32,962	12	46	154	1,471	3,036	4,042	9,612	8,866	3,008	1,683	1,032
Manufacturing.....	11,474	3	22	16	268	772	1,303	3,532	3,434	1,195	632	297
Wholesale and retail trade.....	10,864	7	13	91	732	1,308	1,573	3,187	2,423	772	451	307
Finance, insurance, and real estate.....	2,679	2	...	6	71	181	232	745	876	282	159	125
Other industries (incl. not reported).....	7,945	...	...	11	41	400	775	934	2,133	799	441	303
Mgrs., officials, & prop'r's (n.e.c.) self-employed.....	40,928	16	10	65	971	2,709	4,347	10,861	11,892	4,846	3,020	2,191
Construction.....	4,863	1	1	8	124	415	584	1,157	1,317	562	408	286
Manufacturing.....	4,414	4	1	4	86	222	462	1,186	1,332	506	339	272
Wholesale trade.....	3,261	2	1	8	63	206	329	845	955	373	256	223
Eating and drinking places.....	4,276	...	...	5	65	211	340	1,014	1,447	702	341	151
Retail trade, exc. eating and drinking places.....	16,564	7	5	29	454	1,190	1,914	4,700	4,618	1,765	1,111	771
Other industries (incl. not reported).....	7,550	2	11	179	465	718	1,959	2,223	938	565	488	488
Clerical and kindred workers.....	68,655	98	738	2,746	10,518	10,389	9,042	14,124	11,395	4,382	3,033	2,190
Bookkeepers.....	2,162	1	7	70	372	414	271	413	289	131	102	92
Mail carriers.....	3,220	2	4	56	641	595	486	593	349	190	71	33
Other clerical and kindred workers.....	63,273	95	727	2,620	9,505	9,380	8,265	13,118	10,557	4,061	2,860	2,065
Sales workers.....	55,168	2,488	1,820	1,751	5,622	7,488	6,870	11,192	9,565	3,763	2,514	2,095
Insurance agents and brokers.....	5,278	6	1	18	413	971	799	1,160	1,088	373	241	208
Real estate agents and brokers.....	3,413	2	1	14	136	280	269	553	869	515	374	400
Other specified sales workers.....	4,868	2,286	823	129	134	188	190	323	364	157	148	126
Salesmen and sales clerks (n.e.c.).....	41,609	194	995	1,590	4,939	6,049	5,612	9,196	7,244	2,718	1,751	1,361
Manufacturing.....	8,903	27	22	46	524	1,273	1,394	2,397	1,832	695	384	309
Wholesale trade.....	7,698	3	15	50	598	1,148	1,180	1,940	1,510	578	362	274
Retail trade.....	22,796	159	935	1,468	3,604	3,349	2,753	4,253	3,439	1,257	885	694
Other industries (incl. not reported).....	2,252	5	23	26	213	279	285	566	463	188	120	84
Craftsmen, foremen, and kindred workers.....	204,871	59	329	1,882	13,573	23,818	26,310	50,862	48,115	19,244	13,139	7,540
Bakers.....	2,018	1	8	50	221	206	218	461	414	210	144	85
Blacksmiths, forgemen, and hammermen.....	1,433	...	2	6	77	122	134	291	341	195	160	105
Boilermakers.....	395	...	...	6	28	56	48	88	92	37	22	18
Cabinetmakers and patternmakers.....	3,359	...	4	29	226	423	412	588	682	374	355	265
Carpenters.....	12,042	...	25	162	981	1,659	1,527	2,322	2,182	1,230	1,103	851
Compositors and typesetters.....	2,972	1	16	74	309	295	325	765	625	239	178	145
Cranemen, hoistmen, & const. machinery operators.....	5,181	1	3	39	500	658	805	1,455	1,169	389	225	87
Electricians.....	7,754	3	5	36	522	1,130	1,144	1,843	1,874	613	392	192
Foremen (n.e.c.).....	24,870	2	2	30	338	1,115	2,651	8,227	8,137	2,540	1,372	456
Manufacturing, durable goods.....	18,500	1	...	15	166	726	1,942	6,353	6,098	1,898	996	305
Mfg., nondurable goods (incl. not spec. mfg.).....	1,907	1	1	8	40	110	235	649	568	155	100	40
Nonmanufacturing industries (incl. not rptd.).....	4,463	...	...	7	132	279	474	1,223	1,471	487	276	111
Linemen & servicemen, t'graph, t'phone, & power.....	4,184	...	...	42	828	1,322	692	618	494	111	69	8
Locomotive engineers.....	814	...	...	3	8	23	29	95	312	183	120	41
Locomotive firemen.....	546	...	...	5	78	141	94	101	76	28	15	7
Machinists and job setters.....	17,370	6	11	132	900	1,946	2,495	4,590	4,165	1,692	979	494
Masons, tile setters, and stone cutters.....	4,788	...	6	83	593	723	600	840	935	412	332	264
Mechanics and repairmen, airplane.....	314	...	...	2	39	87	58	82	34	4	4	4
Mechanics and repairmen, automobile.....	17,742	3	96	232	1,665	2,330	2,635	4,843	3,673	1,197	633	275
Mechanics and repairmen, radio and television.....	1,386	...	7	31	325	372	248	258	117	15	8	5
Other mechanics and repairmen, and loom fixers.....	28,228	10	61	308	1,990	3,236	3,486	6,822	6,348	2,689	2,013	1,265
Millwrights.....	3,807	1	2	13	91	270	413	1,086	1,064	417	306	144
Molders, metal.....	1,921	...	...	16	90	189	220	452	435	238	191	90
Painters (construction), paperhangers, & glaziers.....	7,265	4	31	93	471	742	745	1,698	1,812	739	552	378
Plasterers and cement finishers.....	2,194	1	8	27	226	290	231	439	209	177	177	67
Plumbers and pipe fitters.....	5,904	2	4	45	361	699	741	1,416	1,404	650	381	201
Printing craftsmen, exc. compositors & typesetters.....	1,752	1	3	19	199	183	223	453	383	130	96	62
Shoemakers and repairers, except factory.....	999	3	3	10	42	56	61	161	250	147	128	136
Stationary engineers.....	4,960	...	2	22	206	525	580	1,190	1,223	509	402	301
Structural metal workers.....	929	...	1	7	66	118	135	264	204	75	47	32
Tailors and furriers.....	1,432	...	...	12	49	98	111	244	318	243	166	189
Tinsmiths, coppermiths, and sheet metal workers.....	3,192	2	8	51	305	521	503	699	541	255	203	103
Toolmakers, and die makers and setters.....	22,328	5	7	52	675	2,407	3,046	5,406	5,738	2,480	1	

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT--TOTAL												
Male--Con.												
Operatives and kindred workers.....	273,188	291	1,625	7,622	34,330	41,701	38,533	64,153	47,200	18,591	12,266	6,876
Apprentices.....	3,517	22	137	526	1,616	794	239	108	44	16	12	3
Attendants, auto service and parking.....	4,543	21	320	470	994	697	539	755	437	133	98	79
Brakemen and switchmen, railroad.....	1,726	1	2	5	184	331	213	308	345	172	108	57
Bus drivers.....	4,001	...	1	...	204	889	935	1,022	724	159	44	23
Filels, grinders, and polishers, metal.....	19,077	...	11	233	1,707	2,770	2,712	4,777	3,753	1,707	970	437
Furnacemen, smelters, and heaters.....	3,497	...	...	36	217	396	454	889	813	340	229	123
Laundry and dry cleaning operatives.....	2,989	17	66	140	351	421	392	761	482	165	101	93
Meat cutters, except slaughter and packing house.....	3,317	2	28	114	456	363	398	781	584	290	194	107
Mine operatives and laborers (n.e.c.).....	442	1	5	2	44	60	49	86	80	44	43	28
Motormen, street, subway, and elevated railway.....	547	...	1	4	19	90	85	88	140	84	33	3
Painters, except construction and maintenance.....	4,932	...	9	114	526	654	651	1,187	1,028	391	236	136
Power station operators.....	585	...	...	4	34	69	62	173	163	43	26	11
Sailors and deck hands.....	558	...	3	33	129	77	53	101	101	22	29	10
Sawyers.....	535	...	1	8	62	58	66	107	78	53	55	47
Spinners and weavers, textile.....	60	...	1	3	6	7	8	12	11	6	4	2
Stationary firemen.....	2,735	...	13	148	244	291	291	565	698	309	272	195
Taxicab drivers and chauffeurs.....	4,947	...	7	59	670	748	658	1,294	1,080	232	136	63
Truck drivers and deliverymen.....	32,803	117	328	788	4,072	5,864	5,461	8,829	5,254	1,282	567	241
Welders and flame-cutters.....	16,444	3	8	326	1,990	2,777	2,742	4,634	2,634	768	389	173
Other specified operatives and kindred workers.....	2,870	12	26	109	378	336	312	495	552	287	232	131
Operatives and kindred workers (n.e.c.).....	163,063	95	671	4,635	20,523	24,056	22,213	37,181	28,199	12,088	8,488	4,914
Manufacturing.....	153,733	37	377	4,243	19,308	22,799	21,094	35,290	26,639	11,427	7,987	4,532
Durable goods.....	139,867	19	250	3,872	17,759	20,990	19,084	31,898	24,222	10,450	7,322	4,082
Sawmills, planing mills, & misc. wood prod.....	623	1	17	24	73	83	66	96	101	49	56	37
Furniture and fixtures.....	583	...	10	49	139	91	55	102	61	33	19	24
Stone, clay, and glass products.....	1,584	...	19	53	199	230	231	349	266	108	74	55
Primary metal industries.....	7,608	1	10	154	862	1,070	1,155	1,910	1,295	536	376	239
Fabric'd metal ind. (incl. not spec. metal).....	7,354	...	34	272	1,076	1,259	1,151	1,621	998	445	305	193
Machinery, except electrical.....	10,507	...	2	15	173	1,757	1,719	2,642	1,781	690	504	295
Electrical machinery, equipment, & supplies.....	1,388	...	3	34	149	261	244	350	203	63	52	29
Motor vehicles and motor vehicle equipment.....	107,869	14	114	3,019	14,027	15,761	14,097	24,312	19,184	8,373	5,843	3,125
Transportation equip., exc. motor vehicle.....	762	1	5	17	83	128	131	190	113	52	27	15
Other durable goods.....	1,589	...	23	77	222	269	235	326	220	101	66	50
Nondurable goods.....	13,241	18	122	349	1,473	1,790	1,938	3,238	2,314	937	631	431
Food and kindred products.....	4,373	12	77	161	572	555	572	965	713	340	228	183
Yarn, thread, and fabric mills.....	112	...	1	2	23	13	14	22	19	9	6	3
Knitting, and other textile mill products.....	253	...	2	15	36	43	34	66	32	8	12	5
Apparel & other fabricated textile products.....	335	...	4	20	56	41	39	63	56	18	17	21
Paper and allied products.....	810	1	41	152	118	110	177	110	38	37	25	25
Chemicals and allied products.....	3,259	2	12	47	347	515	501	692	546	267	194	136
Leather and leather products.....	202	...	1	12	50	20	24	42	24	13	10	6
Other nondurable goods.....	3,897	3	24	51	242	468	661	1,211	814	244	127	52
Not specified manufacturing industries.....	625	...	5	22	76	100	72	154	103	40	34	19
Nonmanufacturing industries (incl. not rptd.).....	9,330	58	294	392	1,215	1,257	1,119	1,891	1,560	661	501	382
Transport, commun., & other public utilities.....	2,293	1	6	53	291	350	270	463	471	177	154	57
Wholesale and retail trade.....	3,513	40	218	215	487	394	399	691	507	228	177	157
Other industries (incl. not reported).....	3,524	17	70	124	437	513	450	737	582	256	170	168
Private household workers.....	980	27	30	19	39	69	72	228	239	78	86	93
Service workers, except private household.....	53,717	460	1,480	1,248	3,545	5,020	5,189	9,825	11,390	5,602	4,992	4,966
Barbers, beauticians, and manicurists.....	3,935	...	3	23	229	352	359	736	1,045	553	340	295
Charwomen, janitors, and porters.....	15,444	66	190	277	864	906	995	2,349	2,962	2,023	2,225	2,587
Cooks, except private household.....	3,350	6	30	55	220	235	242	697	930	500	297	138
Elevator operators.....	1,072	1	7	53	86	54	61	108	157	153	173	219
Firemen, fire protection.....	2,525	...	1	131	516	524	617	605	91	26	14	14
Guards and watchmen.....	6,339	2	7	8	96	285	469	1,168	1,575	857	900	972
Police, sheriffs, and marshals.....	6,215	...	2	559	1,198	1,140	1,140	1,505	1,395	221	107	88
Waiters, bartenders, and counter workers.....	6,471	27	116	125	453	792	867	1,541	1,403	572	366	209
Other service workers, except private household.....	8,365	358	1,127	704	907	682	532	1,104	1,318	632	558	444
Farm laborers and foremen.....	2,791	102	249	226	419	319	228	349	320	158	181	240
Farm laborers, unpaid family workers.....	425	44	84	54	76	32	27	28	16	10	13	41
Farm laborers, except unpaid, and farm foremen.....	2,366	58	165	172	343	287	201	321	304	148	166	199
Laborers, except farm and mine.....	56,509	317	1,765	3,246	7,966	7,464	6,185	10,598	9,080	4,091	3,373	2,424
Fishermen and oystermen.....	27	...	3	2	4	1	3	4	6	2	1	1
Longshoremen and stevedores.....	151	...	6	23	24	19	27	30	11	7	4	4
Lumbermen, raftsmen, and wood choppers.....	67	...	3	8	11	7	13	12	7	4	2	2
Other specified laborers.....	3,738	36	194	264	500	417	372	701	530	257	222	245
Laborers (n.e.c.).....	52,526	281	1,568	2,971	7,431	7,011	5,784	9,853	8,502	3,814	3,139	2,172
Manufacturing.....	29,305	14	155	1,285	4,300	4,086	3,465	5,788	4,712	2,224	1,930	1,346
Durable goods.....	25,618	7	101	1,117	3,707	3,569	3,031	5,035	4,166	1,973	1,711	1,201
Furniture, saw & plan'g mills, misc. wood pr.....	259	...	11	36	52	24	15	40	34	12	17	18
Stone, clay, and glass products.....	484	...	19	22	79	73	64	82	82	23	16	24
Primary metal industries.....	4,346	2	12	261	799	620	528	850	624	260	224	166
Fabric'd metal ind. (incl. not spec. metal).....	1,322	2	12	71	223	198	171	273	191	64	71	46
Machinery, including electrical.....	1,717	2	7	84	223	265	219	364	249	112	104	88
Transportation equipment.....	17,335	1	31	623	2,303	2,376	2,019	3,408	2,966	1,495	1,267	846
Other durable goods.....	155	...	9	20	28	13	15	18	20	7	12	13
Nondurable goods.....	3,448	7	52	163	564	488	402	680	503	240	211	138
Food and kindred products.....	1,143	4	30	87	189	129	109	219	168	84	70	54
Textile mill products and apparel.....	149	1	5	7	21	21	18	32	24	8	6	6
Chemicals and allied products.....	1,190	1	5	28	193	143	192	195	98	92	92	51
Other nondurable goods.....	966	1	12	41	124	143	132	237	156	50	43	27
Not specified manufacturing industries.....	239	...	2	5	29	29	32	73	43	11	8	7
Nonmanufacturing industries (incl. not rptd.).....	23,221	267	1,413	1,686	3,131	2,925	2,319	4,065	3,790	1,590	1,209	826
Construction.....	8,666	11	164	422	1,240	1,296	1,058	1,821	1,503	525	388	238
Railroads and railway express service.....	1,375	...	3	45	184	163	124	250	294	144	105	63
Transportation, except railroad.....	1,658	6	15	93	238	254	240	340	292	114	66	24
Telecommunications, & utilities & sanitary serv.....	2,869	...	9	71	375	410	321	561	572	261	211	78
Wholesale and retail trade.....	5,876	223	1,140	929	829	500	352	626	606	273	208	190
Other industries (incl. not reported).....	2,777	27	82	126	265	302	258	467	523	273	231	223
Occupation not reported.....	10,133	154	259	388	1,350	1,369	1,121	1,995	1,746	710	553	488

DETAILED CHARACTERISTICS

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Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT—TOTAL												
Female, employed.....	307,794	1,114	5,731	19,171	52,756	44,036	38,045	69,886	48,905	14,144	8,572	5,434
Professional, technical, and kindred workers.....	34,301	49	55	779	5,200	4,980	3,624	8,332	7,132	2,156	1,221	777
Accountants and auditors.....	1,410	...	...	74	281	205	160	316	244	75	32	23
Actresses, dancers, and entertainers (n.e.c.).....	462	5	8	24	148	106	61	65	27	8	5	5
Artists and art teachers.....	575	...	...	19	132	113	71	111	83	23	12	10
Authors, editors, and reporters.....	424	...	...	3	12	99	80	47	93	47	20	15
Chemists and natural scientists (n.e.c.).....	246	...	...	6	67	80	23	32	26	5	1	6
College presidents, prof's, & instructors (n.e.c.).....	277	...	...	4	20	35	26	80	68	21	17	6
Designers and draftsmen.....	272	...	...	14	67	64	33	42	36	11	3	2
Dietitians and nutritionists.....	464	...	...	13	64	73	64	113	97	18	19	3
Lawyers and judges.....	123	...	...	1	9	9	14	36	30	14	5	5
Librarians.....	816	7	8	20	82	103	80	186	203	64	36	27
Musicians and music teachers.....	1,469	13	23	37	145	158	155	340	356	115	62	65
Nurses, professional.....	7,466	...	...	15	1,124	1,384	976	1,828	1,315	425	239	160
Nurses, student professional.....	1,052	...	...	397	597	41	16	22	14	4	1	...
Physicians and surgeons.....	178	...	...	1	12	42	23	45	25	10	12	8
Social scientists.....	172	...	...	...	29	29	20	47	28	11	4	4
Social, welfare, and recreation workers.....	1,396	...	...	2	15	222	278	309	222	100	38	31
Teachers (n.e.c.).....	13,689	3	5	55	1,428	1,508	1,238	3,676	3,734	1,011	560	271
Technicians, medical and dental.....	821	...	...	1	28	236	200	109	143	72	14	12
Therapists and healers (n.e.c.).....	231	2	...	...	28	40	32	49	45	19	13	3
Other professional, technical, and kindred workprs.....	2,798	15	4	84	410	432	297	599	460	188	135	134
Farmers and farm managers.....	285	...	2	6	7	11	17	53	84	40	29	36
Managers, officials, & proprietors, exc. farm.....	11,655	6	20	101	642	902	1,290	3,497	3,262	972	575	388
Specified managers and officials.....	2,049	4	5	20	182	194	207	556	556	156	102	67
Managers, officials, & propr's (n.e.c.)—salaried.....	4,365	1	15	68	354	442	489	1,285	1,112	309	172	118
Wholesale and retail trade.....	1,869	...	8	34	160	169	228	614	456	107	54	39
Other industries (incl. not reported).....	2,496	1	7	34	194	273	261	671	656	202	118	79
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	5,241	1	...	13	106	266	594	1,656	1,594	507	301	203
Eating and drinking places.....	1,134	...	...	4	23	51	130	388	370	104	43	21
Wholesale & retail trade, exc. eating & drinking pl.....	2,796	1	...	4	54	153	312	889	842	270	161	110
Other industries (incl. not reported).....	1,311	...	...	5	29	62	152	379	382	133	97	72
Clerical and kindred workers.....	103,044	50	1,441	11,287	29,494	17,973	11,036	16,607	10,777	2,448	1,283	648
Bookkeepers.....	9,719	2	6	697	2,263	1,495	1,106	2,010	1,484	335	169	89
Cashiers.....	5,014	10	231	700	1,291	675	532	820	503	138	82	32
Stenographers, typists, and secretaries.....	19,863	4	321	3,878	11,123	7,282	4,031	5,265	2,931	569	311	148
Telephone operators.....	6,442	...	40	683	1,991	1,002	463	1,129	863	173	70	28
Other clerical and kindred workers.....	46,006	34	780	5,329	12,826	7,519	4,904	7,383	4,996	1,233	651	351
Sales workers.....	31,108	199	2,088	2,891	4,389	3,182	3,498	7,081	5,037	1,426	851	466
Insurance and real estate agents and brokers.....	924	1	2	13	104	77	92	230	238	80	44	43
Other specified sales workers.....	801	38	26	35	82	98	98	201	153	28	26	16
Salesmen and sales clerks (n.e.c.), retail trade.....	27,607	154	1,944	2,682	3,954	2,812	3,120	6,249	4,361	1,234	721	376
Salesmen and sales clerks (n.e.c.), exc. retail trade.....	1,776	6	116	161	249	195	188	401	285	84	60	31
Craftsmen, foremen, and kindred workers.....	5,548	4	30	138	659	689	733	1,496	1,168	325	189	117
Foremen (n.e.c.).....	1,204	1	14	14	90	106	165	379	307	74	43	24
Other craftsmen and kindred workers.....	4,344	3	29	124	569	583	568	1,117	861	251	146	93
Operatives and kindred workers.....	54,249	22	272	1,135	5,616	8,521	9,392	16,319	8,888	2,229	1,200	655
Dressmakers and seamstresses, except factory.....	2,427	...	6	24	103	142	182	567	611	304	276	212
Laundry and dry cleaning operatives.....	5,734	3	40	172	649	870	924	1,604	949	274	147	97
Spinners and weavers, textile.....	42	...	...	2	7	5	9	11	4	1	3	...
Other specified operatives and kindred workers.....	3,455	6	26	114	408	585	584	979	520	128	63	42
Operatives and kindred workers (n.e.c.).....	42,591	13	200	823	4,449	6,919	7,693	13,158	6,799	1,522	711	304
Manufacturing.....	39,105	4	103	633	3,953	6,456	7,204	12,287	6,252	1,360	613	240
Durable goods.....	31,440	2	61	413	2,922	5,249	5,987	10,233	5,053	958	417	145
Metal industries.....	3,876	...	3	83	389	661	771	1,209	597	108	44	11
Machinery, including electrical.....	4,549	...	5	67	615	856	925	1,282	608	121	44	26
Other durable goods.....	23,015	2	53	263	1,918	3,732	4,291	7,742	3,848	729	329	108
Nondurable goods.....	7,459	2	41	213	1,008	1,167	1,191	1,996	1,158	398	193	92
Food and kindred products.....	2,626	1	22	114	512	394	373	669	397	120	46	18
Knitting mills.....	9	...	...	...	1	...	...	5	1	...	...	...
Textile mill products, except knitting.....	266	...	...	4	27	22	39	73	54	19	15	2
Apparel & other fabricated textile products.....	1,331	...	4	27	83	106	148	367	340	147	68	41
Leather and leather products.....	184	...	...	8	18	25	29	54	28	5	7	...
Other nondurable goods.....	3,043	1	14	60	367	600	602	828	378	106	56	31
Not specified manufacturing industries.....	206	...	1	7	23	40	26	58	41	4	3	3
Nonmanufacturing industries (incl. not rptd.).....	3,486	9	97	190	496	463	489	871	547	162	98	64
Private household workers.....	18,772	604	603	579	1,330	1,753	2,011	4,570	3,741	1,440	1,106	1,035
Private household workers—living in.....	4,305	6	55	143	373	358	343	825	905	455	404	438
Private household workers—living out.....	14,467	598	548	436	957	1,395	1,668	3,745	2,836	985	702	597
Service workers, except private household.....	41,511	84	986	1,914	4,511	5,091	5,439	10,200	7,624	2,711	1,849	1,102
Attendants, hospital and other institution.....	3,125	4	47	179	422	429	399	753	591	152	91	58
Barbers, beauticians, and manicurists.....	3,934	...	11	96	428	659	796	1,182	568	94	64	26
Charwomen, janitors, and porters.....	5,033	3	9	18	76	237	400	1,165	1,546	782	518	279
Cooks, except private household.....	3,115	...	4	31	98	176	289	900	931	355	228	103
Housekeepers & stewards, exc. private household.....	1,538	...	...	6	55	89	86	313	444	223	183	139
Practical nurses & midwives.....	1,843	...	3	46	156	148	172	353	443	213	158	151
Waitresses, bartenders, and counter workers.....	14,564	56	790	1,218	2,412	2,416	2,348	3,515	1,392	278	134	65
Other service workers, except private household.....	8,369	21	182	320	864	937	949	2,019	1,709	614	473	281
Farm laborers and foremen.....	565	7	21	29	41	48	52	130	127	54	37	19
Farm laborers, unpaid family workers.....	336	5	10	13	20	21	32	80	83	32	27	13
Farm laborers, except unpaid, and farm foremen.....	229	2	11	16	21	27	20	50	44	22	10	6
Laborers, except farm and mine.....	2,925	13	49	142	377	402	480	759	432	146	88	37
Occupation not reported.....	3,831	80	164	170	490	484	473	842	633	197	144	154

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT—NONWHITE												
Male, employed.....	94,507	170	517	1,533	9,016	14,608	14,007	26,272	18,770	5,054	2,781	1,779
Professional, technical, and kindred workers.....	1,742	...	1	18	148	284	290	437	319	101	71	73
Accountants and auditors.....	57	...	...	1	5	4	14	16	11	5	1	...
Architects.....	4	...	...	...	1	1	...	2	...	...	...	...
Artists and art teachers.....	23	...	...	...	4	4	7	6	1	1	...	...
Authors, editors, and reporters.....	16	...	...	...	2	3	5	6	...	...	...	...
Chemists.....	24	...	...	...	5	5	4	4	6	...	...	...
Clergymen.....	276	...	...	1	6	9	9	53	96	33	35	34
College presidents, prof'rs, & instructors (n.e.c.).....	13	...	...	1	...	3	2	4	2	...	...	1
Dentists.....	37	...	...	...	...	6	6	6	8	6	3	2
Designers and draftsmen.....	39	...	...	1	5	13	10	5	3	1	1	...
Engineers, aeronautical.....	...	...	...	...	...	...	...	...	...	...	...	...
Engineers, civil.....	29	...	...	...	1	5	9	5	5	1	3	...
Engineers, electrical.....	18	...	...	...	2	6	3	2	4	1	...	...
Engineers, mechanical.....	31	...	...	...	1	8	4	9	7	2	...	...
Other technical engineers.....	18	...	...	...	2	...	2	5	9	...	...	...
Lawyers and judges.....	71	...	...	...	1	10	8	16	23	5	3	5
Musicians and music teachers.....	172	...	...	5	30	36	33	51	12	1	2	2
Natural scientists (n.e.c.).....	21	...	...	...	5	5	1	8	1	...	1	...
Pharmacists.....	87	...	...	1	7	13	19	22	16	4	2	3
Physicians and surgeons.....	171	...	...	...	2	19	27	48	43	12	5	15
Social scientists.....	7	...	...	...	...	1	...	4	1	...	...	1
Social, welfare, and recreation workers.....	115	...	...	...	15	28	32	27	8	2	1	2
Surveyors.....	6	...	...	...	1	3	...	...	1	1	...	...
Teachers (n.e.c.).....	144	...	...	1	12	32	37	51	7	2	1	1
Technicians, medical and dental.....	41	...	...	1	4	12	7	9	4	1	2	1
Other professional, technical, and kindred workers.....	322	...	1	6	37	58	51	78	51	23	11	6
Farmers and farm managers.....	52	...	...	2	6	...	1	11	20	8	3	1
Managers, officials, & proprietors, exc. farm.....	2,315	2	5	9	69	167	249	630	714	242	128	100
Officials & inspectors, State & local administration.....	55	...	...	...	4	10	7	16	10	5	2	1
Other specified managers and officials.....	140	...	...	...	5	14	19	45	34	9	5	9
Managers, officials, & propr's (n.e.c.)—salaried.....	622	...	4	5	34	51	86	170	168	57	28	19
Manufacturing.....	55	...	...	...	4	5	5	19	14	4	3	1
Wholesale and retail trade.....	242	...	3	4	14	17	24	64	68	27	12	9
Finance, insurance, and real estate.....	58	...	...	...	2	6	8	19	11	7	2	3
Other industries (incl. not reported).....	267	...	1	1	14	23	49	68	75	19	11	6
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	1,498	2	1	4	26	92	137	399	502	171	93	71
Construction.....	121	...	...	...	...	7	18	36	37	10	7	6
Manufacturing.....	33	2	...	...	...	5	3	6	10	4	2	1
Wholesale trade.....	144	...	1	3	6	7	2	22	57	20	15	11
Eating and drinking places.....	182	...	...	...	1	10	14	46	66	29	7	9
Retail trade, exc. eating and drinking places.....	502	...	...	1	10	29	49	125	184	57	27	20
Other industries (incl. not reported).....	516	...	...	...	9	34	51	164	148	51	35	24
Clerical and kindred workers.....	4,056	7	32	106	596	785	635	948	637	185	80	45
Bookkeepers.....	25	...	...	...	3	10	3	4	4	...	...	1
Mail carriers.....	460	...	...	1	76	110	82	94	70	19	8	...
Other clerical and kindred workers.....	3,571	7	32	105	517	665	550	850	563	166	72	44
Sales workers.....	1,402	79	109	96	171	184	151	277	212	63	36	24
Insurance agents and brokers.....	208	...	...	3	23	48	28	59	33	5	5	4
Real estate agents and brokers.....	143	...	...	...	9	9	18	36	46	12	7	6
Other specified sales workers.....	182	71	58	10	5	3	5	6	17	5	1	1
Salesmen and sales clerks (n.e.c.).....	869	8	51	83	134	124	100	176	116	41	23	13
Manufacturing.....	45	1	...	...	2	8	7	16	7	3	...	...
Wholesale trade.....	58	...	...	5	8	11	8	13	10	3	...	...
Retail trade.....	732	7	51	77	121	101	78	132	95	35	23	12
Other industries (incl. not reported).....	34	...	...	...	3	4	7	15	4	...	...	1
Craftsmen, foremen, and kindred workers.....	11,500	4	13	80	786	1,533	1,631	3,448	2,712	713	371	209
Bakers.....	95	...	...	3	23	15	16	22	13	2	1	...
Blacksmiths, forgemen, and hammermen.....	114	...	...	...	11	11	21	34	24	9	2	2
Boilermakers.....	25	...	...	...	...	2	2	4	9	5	1	3
Cabinetmakers and patternmakers.....	34	...	...	...	2	4	4	9	5	3	4	1
Carpenters.....	360	...	...	...	16	42	42	88	94	37	25	14
Compositors and typesetters.....	50	...	...	2	7	7	6	12	5	2	1	2
Cranemen, hoistmen, & const. machinery operators.....	817	...	1	3	12	7	6	12	5	2	18	11
Electricians.....	163	...	...	2	48	104	139	268	193	29	18	1
Foremen (n.e.c.).....	442	...	...	...	12	29	22	44	38	11	4	9
Manufacturing, durable goods.....	271	...	...	...	3	18	27	102	85	22	11	3
Mfg., nondurable goods (incl. not spec. mfg.).....	36	...	...	...	1	1	2	14	13	3	1	1
Nonmanufacturing industries (incl. not rptd.).....	135	...	...	...	4	4	17	41	36	19	9	5
Linemen & servicemen, t'graph, t'phone, & power.....	63	...	...	1	5	12	16	10	3	...	...	...
Locomotive engineers.....	6	...	...	...	2	...	1	2	...	...	1	...
Locomotive firemen.....	14	...	...	...	...	...	...	5	3	3	1	1
Machinists and job setters.....	900	...	1	2	75	159	145	264	192	34	19	9
Masons, tile setters, and stone cutters.....	579	...	...	5	51	103	85	136	113	44	25	17
Mechanics and repairmen, airplane.....	7	...	...	...	...	2	1	2	1	1	...	...
Mechanics and repairmen, automobile.....	1,457	...	2	13	136	251	253	444	278	55	16	9
Mechanics and repairmen, radio and television.....	50	...	...	...	6	8	11	16	8	...	...	1
Other mechanics and repairmen, and loom fixers.....	2,219	...	5	13	127	268	283	654	562	163	93	51
Millwrights.....	317	...	...	3	8	26	40	107	90	24	13	6
Molders, metal.....	961	...	...	3	49	114	138	317	239	71	17	13
Painters (construction), paperhangers, & glaziers.....	504	...	1	5	37	64	55	152	133	27	21	9
Plasterers and cement finishers.....	620	...	1	6	44	60	73	157	183	42	36	18
Plumbers and pipe fitters.....	236	...	1	2	13	16	36	86	50	16	11	5
Printing craftsmen, exc. compositors & typesetters.....	15	1	...	...	1	3	...	6	4	...	...	...
Shoemakers and repairers, except factory.....	110	2	1	3	9	9	12	41	26	1	3	3
Stationary engineers.....	123	...	...	...	3	12	8	41	34	12	7	6
Structural metal workers.....	26	...	...	...	2	4	1	9	5	2	1	2
Tailors and furriers.....	107	...	...	...	2	16	12	35	31	4	6	1
Tinsmiths, coppersmiths, and sheet metal workers.....	27	...	...	...	1	7	5	8	4	2	...	...
Toolmakers, and die makers and setters.....	159	...	...	...	5	30	31	44	28	14	4	3
Other craftsmen and kindred workers.....	900	1	...	8	77	127	131	268	203	53	20	12

DETAILED CHARACTERISTICS

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT--NONWHITE												
Male--Con.												
Operatives and kindred workers.....	41,671	23	94	503	4,077	7,293	6,965	12,260	7,544	1,687	830	395
Apprentices.....	76	...	...	6	12	19	16	11	8	3	...	1
Attendants, auto service and parking.....	595	2	4	22	97	96	99	167	85	19	2	2
Brakemen and switchmen, railroad.....	17	...	...	...	1	2	1	4	4	1	3	1
Bus drivers.....	701	...	...	...	40	194	219	210	33	5	...	...
Files, grinders, and polishers, metal.....	1,655	...	...	20	155	325	307	476	272	64	28	8
Furnacemen, smeltermen, and heaters.....	1,595	...	...	15	91	182	229	463	426	100	57	32
Laundry and dry cleaning operatives.....	1,514	3	16	56	186	245	235	457	221	56	24	15
Meat cutters, except slaughter and packing house.....	159	...	1	3	12	22	32	51	30	5	2	1
Mine operatives and laborers (n.e.c.).....	44	...	...	1	5	7	5	13	9	2	2	...
Motormen, street, subway, and elevated railway.....	137	...	...	...	6	33	40	41	15	1	1	...
Painters, except construction and maintenance.....	1,035	...	1	9	114	169	163	329	198	37	12	3
Power station operators.....	6	...	...	...	...	...	...	2	3	...	...	1
Sailors and deck hands.....	14	...	...	...	2	1	3	2	1	2	3	...
Sawyers.....	47	...	...	...	5	8	5	13	10	3	2	1
Spinners and weavers, textile.....	12	...	...	...	1	3	2	3	1	2	...	...
Stationary firemen.....	309	...	...	3	11	17	28	87	98	31	21	13
Taxienb drivers and chauffeurs.....	583	...	1	2	40	89	97	194	116	23	15	6
Truck drivers and deliverymen.....	4,116	15	28	60	391	631	707	1,292	741	163	65	23
Welders and flame-cutters.....	2,560	...	2	20	280	999	522	708	392	47	20	10
Other specified operatives and kindred workers.....	312	1	4	4	27	35	47	81	79	15	16	6
Operatives and kindred workers (n.e.o.).....	26,184	2	40	282	2,601	4,616	4,208	7,656	4,842	1,108	597	272
Manufacturing.....	24,692	1	27	239	2,444	4,425	4,020	7,243	4,533	1,011	507	241
Durable goods.....	22,731	1	20	195	2,271	4,166	3,727	6,618	4,120	925	463	225
Sawmills, planing mills, & misc. wood prod.....	29	...	1	...	3	2	3	10	10	...	...	...
Furniture and fixtures.....	124	...	4	...	37	16	16	22	16	3	...	2
Stone, clay, and glass products.....	189	...	...	3	20	31	33	56	32	9	4	1
Primary metal industries.....	1,493	...	2	8	121	208	211	472	342	76	34	19
Fabric'd metal ind. (incl. not spec. metal).....	699	...	3	14	70	130	116	205	115	31	11	4
Machinery, except electrical.....	243	...	4	...	21	26	35	89	54	9	3	2
Electrical machinery, equipment, & supplies.....	96	...	...	...	6	10	21	44	11	3	...	...
Motor vehicles and motor vehicle equipment.....	19,726	1	8	155	1,981	3,718	3,272	5,688	3,510	788	408	197
Transportation equip., exc. motor vehicle.....	58	...	...	...	3	14	13	15	9	3	1	...
Other durable goods.....	74	...	2	3	9	11	7	17	21	3	1	...
Nondurable goods.....	1,838	1	7	41	156	234	277	598	388	80	41	15
Food and kindred products.....	648	1	6	21	71	88	88	189	121	33	19	11
Yarn, thread, and fabric mills.....	34	...	...	...	3	4	8	6	9	2	1	1
Knitting, and other textile mill products.....	104	...	1	4	13	17	16	33	16	1	3	...
Apparel & other fabricated textile products.....	58	...	...	8	9	12	6	9	10	3	1	...
Paper and allied products.....	68	...	...	2	10	9	8	18	14	4	3	...
Chemicals and allied products.....	201	...	...	5	20	26	32	57	45	9	5	2
Leather and leather products.....	40	...	...	...	13	6	6	12	3	...	...	...
Other nondurable goods.....	685	...	...	1	17	72	113	274	170	28	9	1
Not specified manufacturing industries.....	123	...	...	3	17	25	16	27	25	6	3	1
Nonmanufacturing industries (incl. not rptd.).....	1,492	...	13	43	157	191	188	413	309	97	50	31
Transport, commun., & other public utilities.....	450	...	...	4	32	65	47	130	105	37	22	8
Wholesale and retail trade.....	547	...	9	30	79	59	71	145	96	32	14	12
Other industries (incl. not reported).....	495	...	4	9	46	67	70	138	108	28	14	11
Private household workers.....	442	1	3	10	25	45	47	150	107	23	15	16
Service workers, except private household.....	10,458	24	104	302	999	1,136	1,117	2,433	2,308	878	620	537
Barbers, beauticians, and manicurists.....	489	...	...	5	25	72	87	132	94	31	21	22
Charwomen, janitors, and porters.....	6,911	9	41	151	561	610	654	1,515	1,487	630	460	393
Cooks, except private household.....	391	...	2	5	22	36	33	120	106	28	23	16
Elevator operators.....	215	1	2	9	25	20	23	46	50	17	12	10
Firemen, fire protection.....	26	...	...	...	2	1	3	14	2	1	2	...
Guards and watchmen.....	247	...	1	...	6	11	11	53	70	35	24	36
Police, sheriffs, and marshals.....	164	...	...	...	9	35	32	38	33	9	5	3
Waiters, bartenders, and counter workers.....	709	...	3	17	57	94	86	191	159	50	26	26
Other service workers, except private household.....	1,706	14	55	115	292	257	188	324	307	77	47	30
Farm laborers and foremen.....	89	1	2	6	9	16	16	16	10	2	6	5
Farm laborers, unpaid family workers.....	7	...	...	...	1	1	1	3	...	...	...	1
Farm laborers, except unpaid, and farm foremen.....	82	1	2	6	8	15	15	13	10	2	6	4
Laborers, except farm and mine.....	18,575	23	129	361	1,854	2,767	2,587	5,095	3,806	1,060	558	335
Fishermen and oystermen.....	3	...	...	...	...	...	2	...	1	...	...	...
Longshoremen and stevedores.....	27	...	...	...	2	4	5	8	4	2	1	1
Lumbermen, raftsmen, and wood choppers.....	5	...	...	...	...	2	2	...	...	...	...	1
Other specified laborers.....	1,139	8	46	97	165	173	151	289	145	29	14	22
Laborers (n.e.o.).....	17,401	15	83	264	1,687	2,588	2,427	4,798	3,656	1,029	543	311
Manufacturing.....	10,573	...	16	129	1,133	1,688	1,530	2,946	2,069	590	288	184
Durable goods.....	9,727	...	9	105	1,034	1,574	1,426	2,669	1,917	553	270	170
Furniture, saw & plan'g mills, misc. wood pr.....	52	...	2	3	13	7	2	12	7	1	3	2
Stone, clay, and glass products.....	124	...	1	2	12	25	29	29	30	4	3	2
Primary metal industries.....	1,311	...	9	136	178	182	380	277	78	41	30	...
Fabric'd metal ind. (incl. not spec. metal).....	351	...	7	42	55	48	113	57	15	8	5	...
Machinery, including electrical.....	536	...	7	44	77	92	166	97	26	13	14	...
Transportation equipment.....	7,337	...	5	77	786	1,241	1,075	1,962	1,445	429	200	117
Other durable goods.....	16	...	...	...	1	...	2	...	4	...	2	...
Nondurable goods.....	688	...	6	22	83	90	79	225	126	32	15	10
Food and kindred products.....	202	...	4	6	28	33	22	60	28	12	6	3
Textile mill products and apparel.....	71	...	1	5	8	12	9	19	12	3	1	1
Chemicals and allied products.....	82	...	...	1	19	6	5	28	14	5	2	2
Other nondurable goods.....	333	...	1	10	28	39	43	118	72	12	6	4
Not specified manufacturing industries.....	158	...	1	2	16	24	25	52	26	5	3	4
Nonmanufacturing industries (incl. not rptd.).....	6,828	15	67	135	554	900	897	1,852	1,587	439	255	127
Construction.....	3,134	1	15	50	245	403	418	917	739	180	104	62
Railroads and railway express service.....	430	...	...	6	38	46	52	110	116	32	20	10
Transportation, except railroad.....	256	2	5	5	21	35	33	76	47	19	9	4
Telecommunications, & utilities & sanitary serv.....	1,342	...	1	2	64	176	180	386	355	101	62	15
Wholesale and retail trade.....	872	10	37	55	117	114	95	179	165	51	28	21
Other industries (incl. not reported).....	794	2	9	17	69	126	119	184	165	56	32	15
Occupation not reported.....	2,205	6	25	40	276	398	318	567	381	92	63	39

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT—NONWHITE												
Female, employed.....	34,056	35	161	804	4,068	5,997	6,100	10,072	5,097	1,003	486	233
Professional, technical, and kindred workers.....	1,850	2	3	17	234	445	384	499	195	34	25	12
Accountants and auditors.....	29	...	...	...	6	5	10	4	3	...	1	...
Actresses, dancers, and entertainers (n.e.c.).....	30	...	...	1	8	8	7	5	...	...	...	1
Artists and art teachers.....	9	...	...	...	2	1	3	3	...	...	...	...
Authors, editors, and reporters.....	5	...	...	...	1	1	1	1	1	...	...	...
Chemists and natural scientists (n.e.c.).....	11	...	...	...	1	4	1	3	2	...	...	...
College presidents, prof's, & instructors (n.e.c.).....	1	...	...	...	1	...	...	...	...	...	...	...
Designers and draftsmen.....	13	...	...	...	1	7	2	3	...	...	...	...
Dietitians and nutritionists.....	101	...	...	3	13	19	23	29	11	2	1	...
Lawyers and judges.....	5	...	...	...	1	1	2	1	...	...	...	...
Librarians.....	25	...	...	...	7	7	4	4	2	...	...	...
Musicians and music teachers.....	105	1	3	3	10	21	18	24	22	1	2	...
Nurses, professional.....	454	...	...	2	42	112	108	131	45	8	3	3
Nurses, student professional.....	15	...	...	2	5	3	2	2	1	...	...	...
Physicians and surgeons.....	8	...	...	1	1	2	...	2	...	1	1	1
Social scientists.....	9	...	...	...	2	2	2	3	...	...	...	...
Social, welfare, and recreation workers.....	198	...	...	...	26	57	47	46	19	1	1	1
Teachers (n.e.c.).....	624	...	...	...	84	153	131	176	59	12	7	2
Technicians, medical and dental.....	44	...	...	2	8	14	11	7	1	...	1	...
Therapists and healers (n.e.c.).....	10	1	...	...	1	2	2	2	2	...	...	...
Other professional, technical, and kindred workers.....	154	...	...	3	14	26	10	53	27	9	8	4
Farmers and farm managers.....	9	...	...	2	...	2	1	1	...	2	1	...
Managers, officials, & proprietors, exc. farm.....	585	1	1	2	22	56	88	210	152	29	12	12
Specified managers and officials.....	66	...	1	...	8	8	13	15	15	2	1	3
Managers, officials, & propr's (n.e.c.)—salaried.....	178	...	...	1	7	21	31	67	36	7	3	5
Wholesale and retail trade.....	75	...	...	...	2	8	14	32	11	2	2	4
Other industries (incl. not reported).....	103	...	...	1	5	13	17	35	25	5	1	1
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	341	1	...	1	7	27	44	128	101	20	8	4
Eating and drinking places.....	72	...	...	...	1	5	6	30	22	4	3	1
Wholesale & retail trade, exc. eating & drinking pl.....	144	1	...	...	4	14	18	53	41	9	2	2
Other industries (incl. not reported).....	125	...	...	1	2	8	20	45	38	7	3	1
Clerical and kindred workers.....	3,098	...	15	142	812	801	562	545	177	26	13	5
Bookkeepers.....	139	...	3	3	30	42	26	27	6	1	1	...
Cashiers.....	190	...	1	10	38	55	34	42	8	1	...	1
Stenographers, typists, and secretaries.....	946	...	5	53	311	284	169	98	21	3	2	...
Telephone operators.....	86	...	...	12	34	24	6	8	2	...	...	...
Other clerical and kindred workers.....	1,737	...	6	64	399	396	327	370	140	21	10	4
Sales workers.....	1,089	5	23	88	235	168	159	254	115	29	7	6
Insurance and real estate agents and brokers.....	145	1	...	4	19	21	21	46	24	6	1	2
Other specified sales workers.....	29	...	1	...	7	1	2	10	6	2	...	...
Salesmen and sales clerks (n.e.c.), retail trade.....	817	4	21	76	187	134	122	173	72	20	5	3
Salesmen and sales clerks (n.e.c.), exc. retail trade.....	98	...	1	8	22	12	14	25	13	1	1	1
Craftsmen, foremen, and kindred workers.....	380	1	...	2	32	66	69	117	74	10	7	2
Foremen (n.e.c.).....	40	...	...	...	2	8	6	12	12	...	...	...
Other craftsmen and kindred workers.....	340	1	...	2	30	58	63	105	62	10	7	2
Operatives and kindred workers.....	6,751	4	11	89	685	1,334	1,431	2,150	840	125	52	30
Dressmakers and seamstresses, except factory.....	239	...	1	5	18	34	29	71	60	8	8	5
Laundry and dry cleaning operatives.....	3,049	2	4	46	384	601	621	909	379	66	23	14
Spinners and weavers, textile.....	2	...	...	...	...	...	1	...	...	...	...	...
Other specified operatives and kindred workers.....	356	1	1	4	32	74	77	116	36	11	3	1
Operatives and kindred workers (n.e.c.).....	3,105	1	5	34	251	625	703	1,053	365	40	18	10
Manufacturing.....	2,668	1	5	22	190	548	631	920	298	35	12	6
Durable goods.....	1,946	1	4	9	119	403	470	686	223	21	6	4
Metal industries.....	177	...	...	...	14	43	41	58	16	3	1	1
Machinery, including electrical.....	125	...	...	...	8	40	36	32	8	...	1	...
Other durable goods.....	1,644	1	4	9	97	320	393	596	199	18	4	3
Nondurable goods.....	699	...	1	12	69	138	158	228	72	14	5	2
Food and kindred products.....	287	...	1	5	31	53	54	100	37	4	...	2
Knitting mills.....	...	...	...	...	...	...	...	...	...	...	...	...
Textile mill products, except knitting.....	64	...	...	3	3	8	13	21	13	2	1	...
Apparel & other fabricated textile products.....	142	...	...	2	18	28	30	44	13	5	2	...
Leather and leather products.....	33	...	...	1	6	10	5	9	2	...	...	...
Other nondurable goods.....	173	...	...	1	11	39	56	54	7	3	2	...
Not specified manufacturing industries.....	23	...	...	...	2	7	3	6	3	...	1	...
Nonmanufacturing industries (incl. not rptd.).....	437	...	...	12	61	77	72	133	67	5	6	4
Private household workers.....	10,304	11	60	225	862	1,390	1,570	3,314	2,075	470	220	107
Private household workers—living in.....	1,325	...	6	36	169	189	179	373	272	60	28	13
Private household workers—living out.....	8,979	11	54	189	693	1,201	1,391	2,941	1,803	410	192	94
Service workers, except private household.....	8,643	4	39	207	1,021	1,519	1,576	2,580	1,285	241	127	44
Attendants, hospital and other institution.....	872	1	5	30	149	221	148	217	82	8	10	1
Barbers, beauticians, and manicurists.....	763	...	1	7	38	116	185	295	100	12	5	4
Charwomen, janitors, and porters.....	1,199	...	1	8	39	118	174	410	323	71	38	17
Cooks, except private household.....	638	...	...	3	45	82	113	242	125	18	9	1
Housekeepers & stewards, exc. private household.....	246	...	...	...	10	25	30	91	58	22	7	3
Practical nurses and midwives.....	254	...	...	3	36	54	62	66	21	8	3	1
Waitresses, bartenders, and counter workers.....	1,277	2	16	79	311	304	246	56	12	3	2	2
Other service workers, except private household.....	3,394	1	16	77	393	599	618	1,013	520	90	52	15
Farm laborers and foremen.....	21	...	...	...	3	3	3	4	6	1	1	...
Farm laborers, unpaid family workers.....	3	...	...	...	...	...	1	1	1	...	...	...
Farm laborers, except unpaid, and farm foremen.....	18	...	...	...	3	3	2	3	5	...	1	...
Laborers, except farm and mine.....	810	...	4	20	95	122	168	263	101	21	11	5
Occupation not reported.....	516	7	5	10	67	91	89	135	77	15	10	10

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Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
FLINT												
Male, employed.....	82,148	632	1,208	2,925	10,204	10,972	9,425	18,127	15,464	5,605	4,111	3,475
Professional, technical, and kindred workers.....	4,275	8	3	70	360	667	617	1,153	824	271	161	141
Accountants and auditors.....	453	...	...	2	34	95	78	122	74	29	12	7
Architects.....	15	...	...	...	...	2	2	4	4	...	...	1
Artists and art teachers.....	22	...	...	...	...	...	...	...	...	...	...	...
Authors, editors, and reporters.....	65	...	...	...	...	6	7	11	23	8	...	...
Chemists.....	56	...	...	...	...	1	13	11	16	9	5	1
Clergymen.....	212	...	...	...	...	2	13	24	62	21	14	23
College presidents, prof's, & instructors (n.e.c.).....	82	...	...	...	...	4	18	13	21	6	4	2
Dentists.....	92	...	...	...	...	1	9	7	34	24	12	3
Designers and draftsmen.....	322	1	...	5	32	40	63	84	58	18	6	6
Engineers, aeronautical.....	3	...	...	...	...	1	...	1	...	...	...	...
Engineers, civil.....	80	...	...	...	...	9	12	10	13	6	5	7
Engineers, electrical.....	117	...	...	...	...	7	23	17	34	28	5	2
Engineers, mechanical.....	318	...	...	13	37	53	30	67	67	31	15	5
Other technical engineers.....	288	...	...	...	...	15	56	49	92	36	24	13
Lawyers and judges.....	129	...	...	...	...	6	19	48	29	11	8	8
Musicians and music teachers.....	97	1	...	3	16	8	17	27	16	4	2	3
Natural scientists (n.e.c.).....	27	...	...	...	3	2	7	5	8	...	2	...
Pharmacists.....	165	...	...	...	6	13	16	52	51	12	7	8
Physicians and surgeons.....	245	...	...	...	...	20	30	80	53	13	23	26
Social scientists.....	19	...	...	...	1	4	5	4	3	...	1	1
Social, welfare, and recreation workers.....	57	1	...	1	6	9	...	13	19	3	2	3
Surveyors.....	13	...	...	...	6	1	...	3	1	...	...	...
Teachers (n.e.c.).....	433	1	...	1	14	79	55	142	105	22	8	6
Technicians, medical and dental.....	30	...	1	...	10	7	4	7	1	...	...	...
Other professional, technical, and kindred workers.....	935	4	2	43	147	162	145	189	142	44	29	28
Farmers and farm managers.....	1,595	3	16	15	57	97	109	265	312	167	217	337
Managers, officials, & proprietors, exc. farm.....	5,429	6	6	18	194	466	619	1,551	1,483	537	323	226
Officials & inspectors, State & local administration.....	87	...	...	1	4	10	14	8	22	12	11	5
Other specified managers and officials.....	417	2	...	1	19	43	44	105	118	37	30	17
Managers, officials, & propr's (n.e.c.)—salaried.....	1,971	3	1	11	104	203	248	599	503	163	91	45
Manufacturing.....	508	...	1	2	16	27	48	164	155	63	24	8
Wholesale and retail trade.....	818	...	...	6	50	110	128	250	181	48	28	17
Finance, insurance, and real estate.....	197	...	...	...	12	21	19	52	61	14	12	5
Other industries (incl. not reported).....	448	2	...	3	26	45	53	133	106	38	27	15
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	2,954	1	4	5	67	210	313	839	840	325	191	159
Construction.....	276	...	...	2	6	25	36	71	69	32	20	15
Manufacturing.....	187	...	...	...	2	10	24	47	52	21	19	12
Wholesale trade.....	172	...	...	...	1	17	16	41	53	25	9	9
Eating and drinking places.....	337	...	...	2	9	22	41	97	87	52	16	11
Retail trade, exc. eating and drinking places.....	1,506	1	3	1	34	117	152	449	435	143	90	81
Other industries (incl. not reported).....	476	...	...	...	15	19	44	134	144	52	37	31
Clerical and kindred workers.....	4,736	18	57	163	665	743	612	1,037	817	272	192	160
Bookkeepers.....	136	...	...	5	23	25	20	32	18	6	2	5
Mail carriers.....	263	...	...	1	39	41	47	45	46	28	8	8
Other clerical and kindred workers.....	4,337	18	57	157	603	677	545	960	753	238	182	147
Sales workers.....	4,470	322	315	180	519	579	516	856	630	227	193	153
Insurance agents and brokers.....	445	1	...	1	33	89	61	83	81	34	26	36
Real estate agents and brokers.....	253	2	1	1	5	12	12	54	63	37	39	27
Other specified sales workers.....	538	293	139	20	16	12	21	8	7	3	3	3
Salesmen and sales clerks (n.e.c.).....	3,234	26	175	158	465	462	431	698	458	149	125	87
Manufacturing.....	256	...	1	...	24	54	37	71	43	13	7	6
Wholesale trade.....	560	...	3	2	47	81	114	146	105	31	21	10
Retail trade.....	2,309	25	170	152	381	309	262	461	293	100	88	68
Other industries (incl. not reported).....	109	1	1	4	13	18	18	20	17	5	9	3
Craftsmen, foremen, and kindred workers.....	18,086	14	41	208	1,324	1,987	2,067	4,586	4,431	1,557	1,121	750
Bakers.....	112	...	3	1	18	15	15	24	19	6	4	7
Blacksmiths, forgemen, and hammermen.....	229	...	...	3	12	26	19	54	65	20	18	12
Boilermakers.....	9	...	...	...	1	2	...	2	3	...	...	...
Cabinetmakers and patternmakers.....	279	...	...	5	18	48	21	48	59	19	38	23
Carpenters.....	994	1	5	16	73	99	94	185	199	109	115	98
Compositors and typesetters.....	173	...	3	3	20	17	22	44	34	16	12	4
Cranemen, hoistmen, & const. machinery operators.....	368	...	...	5	31	43	47	138	165	49	33	8
Electricians.....	653	1	...	1	39	71	88	198	856	252	144	32
Foremen (n.e.c.).....	2,573	3	3	...	38	124	236	856	724	218	119	19
Manufacturing, durable goods.....	2,180	3	2	...	25	93	192	724	89	17	3	1
Mfg., nondurable goods (incl. not spec. mfg.).....	81	...	1	...	2	11	8	35	17	3	3	1
Nonmanufacturing industries (incl. not rptd.).....	312	...	...	...	11	20	36	97	83	31	22	12
Linemen & servicemen, t'graph, t'phone, & power.....	374	...	...	3	93	146	66	26	36	4	...	...
Locomotive engineers.....	20	...	...	...	1	1	1	7	2	...	7	...
Locomotive firemen.....	27	...	...	...	2	13	4	4	3	1	...	...
Mechanists and job setters.....	1,548	...	...	16	74	149	240	388	410	133	93	44
Masons, tile setters, and stone cutters.....	298	...	1	11	36	44	22	51	47	12	15	19
Mechanics and repairmen, airplane.....	12	...	...	...	3	3	...	4	...	...	...	...
Mechanics and repairmen, automobile.....	2,300	2	4	40	230	296	317	634	481	165	81	50
Mechanics and repairmen, radio and television.....	96	...	1	1	23	20	14	19	15	2	1	...
Other mechanics and repairmen, and loom fixers.....	2,411	1	7	36	186	246	256	583	564	223	161	148
Millwrights.....	364	...	1	2	13	12	20	108	116	36	35	21
Molders, metal.....	169	...	...	2	13	28	33	36	26	11	14	6
Painters (construction), paperhangers, & glaziers.....	495	...	6	7	40	54	40	87	114	48	43	56
Plasterers and cement finishers.....	156	...	...	4	21	22	15	38	28	10	11	6
Plumbers and pipe fitters.....	446	...	...	2	31	63	56	124	88	34	28	20
Printing craftsmen, exc. compositors & typesetters.....	62	...	1	1	7	7	13	19	9	3	1	1
Shoemakers and repairers, except factory.....	74	...	3	4	4	8	5	11	17	33	18	20
Stationary engineers.....	262	1	4	4	27	30	15	56	57	...	3	...
Structural metal workers.....	32	...	...	...	1	1	3	11	10	...	4	9
Tailors and furriers.....	53	...	...	1	3	5	3	6	16	6	3	26
Tinsmiths, coppersmiths, and sheet metal workers.....	497	2	1	7	60	69	64	96	604	240	141	87
Toolmakers, and die makers and setters.....	2,112	2	4	4	85	197	221	531	604	240	141	87
Other craftsmen and kindred workers.....	928	...	2	29	121	125	115	207	175	60	55	39

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FLINT												
Male—Con.												
Operatives and kindred workers.....	34,458	51	205	1,751	5,840	5,378	4,090	7,197	5,626	1,959	1,367	994
Apprentices.....	340	1	5	95	161	54	9	13	1	1	...	...
Attendants, auto service and parking.....	512	12	73	55	105	73	39	61	49	17	12	16
Brakemen and switchmen, railroad.....	139	...	...	2	31	38	17	22	17	4	5	3
Bus drivers.....	151	...	...	...	4	28	23	45	26	14	8	3
Files, grinders, and polishers, metal.....	2,973	1	1	77	338	458	395	673	619	201	143	67
Furnacemen, smeltermen, and heaters.....	181	...	...	3	26	29	16	34	43	13	6	11
Laundry and dry cleaning operatives.....	214	1	8	18	40	36	14	44	28	11	10	4
Meat cutters, except slaughter and packing house.....	294	...	5	7	52	34	36	69	43	21	14	13
Mine operatives and laborers (n.e.c.).....	30	...	2	3	3	5	5	7	1	2	1	1
Motormen, street, subway, and elevated railway.....	17	...	...	...	...	6	1	2	5	1	1	1
Painters, except construction and maintenance.....	662	1	1	22	84	94	74	169	130	43	26	18
Power station operators.....	40	...	...	...	2	8	5	12	5	5	1	2
Sailors and deck hands.....	11	...	...	1	3	2	...	3	1	...	...	...
Sawyers.....	36	...	...	...	3	5	4	5	11	3	1	2
Spinners and weavers, textile.....	6	...	...	...	1	...	1	...	...	1	1	4
Stationary firemen.....	134	...	...	...	8	13	14	22	37	15	11	14
Taxicab drivers and chauffeurs.....	372	...	1	14	69	59	54	72	62	22	12	7
Truck drivers and deliverymen.....	3,389	14	31	72	488	634	617	937	433	88	54	21
Welders and flame-cutters.....	1,759	3	1	48	253	286	213	484	332	75	41	23
Other specified operatives and kindred workers.....	186	1	...	5	23	20	15	36	39	19	13	15
Operatives and kindred workers (n.e.o.).....	23,012	17	77	1,329	4,146	3,496	2,538	4,487	3,744	1,402	1,007	769
Manufacturing.....	22,519	13	53	1,304	4,076	3,439	2,492	4,378	3,668	1,369	985	742
Durable goods.....	21,989	12	28	1,269	3,964	3,346	2,442	4,273	3,588	1,353	979	735
Sawmills, planing mills, & misc. wood prod.....	42	...	...	2	6	4	4	9	7	...	4	6
Furniture and fixtures.....	19	...	2	...	2	1	3	5	4	1	...	...
Stone, clay, and glass products.....	66	...	4	...	8	3	17	16	2	3	3	3
Primary metal industries.....	91	...	1	6	8	14	30	22	5	1	4	4
Fabric'd metal ind. (incl. not spec. metal).....	72	...	...	12	10	8	17	7	4	6	1	1
Machinery, except electrical.....	100	...	1	7	16	12	18	14	5	7	4	4
Electrical machinery, equipment, & supplies.....	15	...	1	1	3	2	3	1	...	1	1	1
Motor vehicles and motor vehicle equipment.....	21,430	12	21	1,245	3,889	3,271	2,380	4,144	3,491	1,326	943	708
Transportation equip., exc. motor vehicle.....	100	...	1	1	11	10	11	22	21	7	10	6
Other durable goods.....	54	...	1	1	10	15	6	8	5	3	3	2
Nondurable goods.....	513	1	25	33	108	90	48	101	79	16	5	7
Food and kindred products.....	212	1	15	22	42	32	19	40	28	6	3	4
Yarn, thread, and fabric mills.....	26	...	...	1	8	5	4	1	6	1	...	...
Knitting, and other textile mill products.....	81	...	...	1	22	10	8	24	14	2	...	...
Apparel & other fabricated textile products.....	19	...	...	2	3	5	2	2	3	...	1	1
Paper and allied products.....	12	...	...	2	6	2	1	1	...	...	...	...
Chemicals and allied products.....	133	...	1	23	33	11	31	26	6	...	1	1
Leather and leather products.....	1	...	...	...	...	...	1	...	...	...	...	...
Other nondurable goods.....	29	...	10	4	4	3	2	2	2	1	...	1
Not specified manufacturing industries.....	17	...	...	2	4	3	2	4	1	...	1	...
Nonmanufacturing industries (incl. not rptd.).....	493	4	24	25	70	57	46	109	76	33	22	27
Transport., commun., & other public utilities.....	112	...	1	16	13	10	10	26	25	9	5	6
Wholesale and retail trade.....	213	4	16	18	33	33	20	38	26	9	8	8
Other industries (incl. not reported).....	168	...	7	6	21	11	16	45	25	15	9	13
Private household workers.....	65	6	6	4	6	6	7	3	13	3	4	7
Service workers, except private household.....	3,819	86	217	125	312	361	321	706	674	318	278	421
Barbers, beauticians, and manicurists.....	342	...	...	4	18	29	32	83	103	31	21	21
Charwomen, janitors, and porters.....	1,453	17	26	97	138	108	91	226	250	141	151	248
Cooks, except private household.....	172	...	3	8	19	12	16	35	25	32	15	7
Elevator operators.....	67	2	...	...	1	2	3	2	8	9	5	2
Firemen, fire protection.....	229	...	...	2	31	66	34	57	17	17	29	39
Guards and watchmen.....	412	...	2	2	14	20	43	129	107	27	23	35
Police, sheriffs, and marshals.....	327	...	...	...	28	57	41	60	61	22	14	9
Waiters, bartenders, and counter workers.....	314	4	14	9	23	36	43	76	64	22	14	9
Other service workers, except private household.....	503	63	172	43	40	31	18	38	39	17	12	30
Farm laborers and foremen.....	604	37	101	53	77	56	38	69	59	35	29	50
Farm laborers, unpaid family workers.....	131	19	32	18	18	11	7	6	6	3	1	10
Farm laborers, except unpaid, and farm foremen.....	473	18	69	35	59	45	31	63	53	32	28	40
Laborers, except farm and mine.....	3,941	47	198	289	724	556	372	614	539	223	197	182
Fishermen and oystermen.....	2	...	...	...	1	...	...	1	...	...	...	...
Longshoremen and stevedores.....	3	...	...	...	1	2	...	...	...	...	...	...
Lumbermen, raftsmen, and wood choppers.....	5	...	...	...	1	...	...	...	...	1	2	1
Other specified laborers.....	274	8	26	21	40	31	16	44	35	14	17	22
Laborers (n.e.o.).....	3,657	39	172	268	681	523	356	569	504	208	178	159
Manufacturing.....	2,304	2	12	172	493	369	241	371	309	132	112	91
Durable goods.....	2,197	1	6	167	474	351	228	346	301	126	109	88
Furniture, saw & plan'g mills, misc. wood pr.....	10	...	...	1	1	...	1	3	2	1	...	1
Stone, clay, and glass products.....	19	...	2	4	...	2	4	4	1	...	...	2
Primary metal industries.....	19	...	...	4	4	1	3	6	4	1	...	...
Fabric'd metal ind. (incl. not spec. metal).....	14	...	2	2	2	3	2	2	1	...	...	1
Machinery, including electrical.....	13	...	1	...	1	4	...	3	2	...	...	2
Transportation equipment.....	2,119	1	3	160	464	343	220	329	287	122	108	82
Other durable goods.....	3	...	...	...	...	...	2	...	...	...	1	...
Nondurable goods.....	103	1	4	4	19	18	13	25	8	5	3	3
Food and kindred products.....	42	1	2	1	10	7	3	9	3	3	1	2
Textile mill products and apparel.....	32	...	...	2	8	4	5	8	4	...	...	1
Chemicals and allied products.....	22	...	1	...	6	4	6	1	2	2	...	...
Other nondurable goods.....	7	...	1	1	1	1	2	...	...	...	...	...
Not specified manufacturing industries.....	4	...	2	1	...	...	...	...	1	...	...	...
Nonmanufacturing industries (incl. not rptd.).....	1,353	37	160	96	188	154	115	198	195	76	66	68
Construction.....	511	2	31	31	65	74	46	94	89	31	24	24
Railroads and railway express service.....	82	...	...	1	13	9	15	12	16	7	7	1
Transportation, except railroad.....	63	...	...	...	1	2	2	15	8	4	1	2
Telecommunications, & utilities & sanitary serv.....	97	...	...	5	25	17	12	12	15	5	5	1
Wholesale and retail trade.....	418	26	114	50	61	22	24	43	33	16	15	14
Other industries (incl. not reported).....	182	9	8	8	10	22	16	22	34	13	14	26
Occupation not reported.....	670	34	43	49	126	76	57	90	76	36	29	54

DETAILED CHARACTERISTICS

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 60 years	60 to 64 years	65 and over
FLINT												
Female, employed	26,326	224	602	1,876	4,301	3,367	2,883	6,044	4,394	1,266	788	581
Professional, technical, and kindred workers	3,021	4	13	120	450	366	253	739	694	212	111	59
Accountants and auditors	90	...	...	4	15	12	9	16	20	3	3	8
Actresses, dancers, and entertainers (n.o.c.)	31	...	1	3	13	5	3	3	1	1	1	...
Artists and art teachers	22	...	...	...	...	3	6	10	2	...	1	...
Authors, editors, and reporters	21	...	...	...	4	8	1	4	1	1	1	1
Chemists and natural scientists (n.o.c.)	6	...	...	...	1	1	1	2	1	...	...	...
College presidents, prof's, & instructors (n.o.c.)	15	...	...	...	...	1	...	4	8	1	1	...
Designers and draftsmen	12	...	...	...	2	5	...	2	3	...	...	...
Dietitians and nutritionists	36	...	...	...	7	3	3	5	8	3	4	1
Lawyers and judges	3	...	...	...	...	...	...	3	...	...	...	...
Librarians	63	3	3	2	5	3	4	18	12	5	4	4
Musicians and music teachers	140	1	6	5	11	14	12	36	28	10	9	8
Nurses, professional	604	...	...	5	112	113	80	167	84	23	10	10
Nurses, student professional	177	...	...	84	77	6	1	7	1	1	7	...
Physicians and surgeons	9	...	...	...	...	1	4	2	...	...	1	1
Social scientists	9	...	...	2	1	1	1	2	1	...	1	...
Social, welfare, and recreation workers	78	...	...	...	8	7	11	14	22	9	4	3
Teachers (n.o.c.)	1,490	...	2	9	145	144	98	403	466	144	66	13
Technicians, medical and dental	42	...	...	...	19	14	1	5	3	...	...	...
Therapists and healers (n.o.c.)	10	...	...	...	...	1	4	2	2	...	...	...
Other professional, technical, and kindred workers	163	...	1	4	30	24	17	32	31	9	5	10
Farmers and farm managers	57	...	2	1	2	1	4	12	11	9	9	6
Managers, officials, & proprietors, exc. farm	928	...	2	14	28	64	100	297	250	85	51	37
Specified managers and officials	113	...	1	4	2	8	12	33	28	11	11	3
Managers, officials, & propr's (n.o.c.)—salaried	260	...	...	6	18	25	28	76	71	15	15	6
Wholesale and retail trade	113	...	...	2	6	7	13	37	35	6	3	4
Other industries (incl. not reported)	147	...	...	4	12	18	15	39	36	9	12	2
Mgrs., officials, & propr's (n.o.c.)—self-employed	555	...	1	4	8	31	60	188	151	59	25	28
Eating and drinking places	166	...	...	3	5	15	20	66	36	13	7	1
Wholesale & retail trade, exc. eating & drinking pl.	272	...	1	1	3	14	35	83	74	30	13	18
Other industries (incl. not reported)	117	...	...	...	...	2	5	39	41	16	5	9
Clerical and kindred workers	6,535	6	78	714	1,864	1,015	681	1,158	766	135	75	43
Bookkeepers	970	...	10	69	228	114	90	241	153	35	17	13
Cashiers	410	1	16	63	96	51	44	66	55	10	6	2
Stenographers, typists, and secretaries	1,723	...	9	210	556	313	188	268	145	24	7	3
Telephone operators	408	...	5	97	180	49	22	50	37	4	2	2
Other clerical and kindred workers	3,024	5	38	315	804	488	337	533	376	62	43	23
Sales workers	2,932	15	186	304	432	237	269	681	535	135	85	53
Insurance and real estate agents and brokers	96	...	...	...	7	2	10	26	32	7	9	3
Other specified sales workers	75	6	2	3	6	11	7	19	17	2	2	...
Salesmen and sales clerks (n.o.c.), retail trade	2,643	9	175	293	395	209	246	619	466	115	68	48
Salesmen and sales clerks (n.o.c.), exc. retail trade	118	...	9	8	24	15	6	17	20	11	6	2
Craftsmen, foremen, and kindred workers	342	...	...	9	55	37	35	97	61	20	15	13
Foremen (n.o.c.)	25	...	...	...	1	5	1	10	6	...	...	2
Other craftsmen and kindred workers	317	...	...	9	54	32	34	87	55	20	15	11
Operatives and kindred workers	6,238	4	21	264	760	1,074	907	1,731	1,002	262	134	79
Dressmakers and seamstresses, except factory	184	...	...	1	6	5	14	41	47	29	21	20
Laundry and dry cleaning operatives	428	2	7	20	46	40	42	117	90	38	14	12
Spinners and weavers, textile	6	...	...	...	...	1	1	1	1	...	...	...
Other specified operatives and kindred workers	393	...	3	12	45	70	65	111	65	11	6	5
Operatives and kindred workers (n.o.c.)	5,227	2	11	231	663	958	785	1,461	799	183	93	41
Manufacturing	5,128	1	7	226	648	946	779	1,434	782	180	89	36
Durable goods	4,999	...	6	221	625	926	766	1,400	763	173	83	36
Metal industries	46	...	...	2	7	9	7	16	3	2	...	...
Machinery, including electrical	139	...	...	3	12	17	26	41	32	8	...	...
Other durable goods	4,814	...	6	216	606	900	733	1,343	728	163	83	36
Nondurable goods	121	1	5	23	18	12	31	18	7	7	5	...
Food and kindred products	56	...	1	1	6	7	19	9	3	3	...	...
Knitting mills	...	...	...	...	...	...	...	...	...	...	...	...
Textile mill products, except knitting	6	1	...	...	1	...	1	1	1	1	...	...
Apparel & other fabricated textile products	26	...	...	1	7	6	2	4	3	3	1	...
Leather and leather products	...	...	...	...	...	...	...	...	...	...	...	...
Other nondurable goods	33	...	...	3	9	5	3	9	4	...	...	...
Not specified manufacturing industries	8	...	...	...	...	2	1	3	1	...	1	...
Nonmanufacturing industries (incl. not rptd.)	99	1	4	5	15	12	6	27	17	3	4	5
Private household workers	1,744	139	143	149	151	86	111	304	281	131	117	132
Private household workers—living in	390	3	15	36	41	25	24	58	76	27	34	51
Private household workers—living out	1,354	136	128	113	110	61	87	246	205	104	83	81
Service workers, except private household	3,584	21	122	249	452	376	425	831	629	211	154	114
Attendants, hospital and other institution	215	...	2	46	45	13	14	42	25	14	8	6
Barbers, beauticians, and manicurists	319	...	...	9	38	39	66	105	48	8	4	2
Charwomen, janitors, and porters	206	2	1	1	5	10	15	55	64	24	18	11
Cooks, except private household	394	...	...	6	6	16	43	119	126	44	23	11
Housekeepers & stewards, exc. private household	131	...	...	1	5	2	5	27	43	20	18	10
Practical nurses and midwives	241	...	...	7	20	25	32	47	47	20	21	22
Waitresses, bartenders, and counter workers	1,373	12	78	132	274	215	191	302	123	24	12	10
Other service workers, except private household	705	7	41	47	59	56	59	134	153	57	50	42
Farm laborers and foremen	83	3	6	4	5	7	7	23	17	6	1	4
Farm laborers, unpaid family workers	57	...	2	2	2	6	6	19	14	3	...	3
Farm laborers, except unpaid, and farm foremen	26	3	4	2	3	1	1	4	3	3	1	1
Laborers, except farm and mine	138	...	8	12	22	17	14	26	26	9	2	2
Occupation not reported	724	32	21	36	80	87	77	145	122	51	34	39

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
GRAND RAPIDS												
Male, employed.....	81,720	566	1,240	2,446	8,537	10,183	9,728	18,197	14,919	6,191	4,861	4,852
Professional, technical, and kindred workers.....	5,741	10	5	35	406	930	856	1,509	1,086	340	257	307
Accountants and auditors.....	735	...	...	2	64	133	120	188	141	37	25	25
Architects.....	57	...	...	...	3	2	2	15	7	13	6	9
Artists and art teachers.....	95	...	...	1	14	12	14	27	11	4	6	6
Authors, editors, and reporters.....	120	...	1	1	8	23	21	27	22	6	7	4
Chemists.....	79	...	...	1	11	19	8	30	5	2	1	2
Clergymen.....	316	...	...	...	6	41	37	96	58	25	20	33
College presidents, prof's, & instructors (n.e.c.).....	98	...	...	1	2	5	12	29	21	14	6	8
Dentists.....	151	...	...	...	2	10	22	35	41	15	5	21
Designers and draftsmen.....	439	...	...	6	68	86	60	104	53	23	19	20
Engineers, aeronautical.....	36	...	...	...	6	10	11	6	3	...	...	...
Engineers, civil.....	128	...	...	...	3	25	12	24	38	10	11	5
Engineers, electrical.....	232	...	...	...	18	59	46	55	35	10	7	2
Engineers, mechanical.....	311	...	...	...	18	62	37	88	70	18	10	8
Other technical engineers.....	473	...	...	...	20	79	94	148	93	22	8	9
Lawyers and judges.....	242	...	...	...	1	16	36	71	62	6	22	28
Musicians and music teachers.....	128	3	1	9	15	20	15	30	22	3	6	4
Natural scientists (n.e.c.).....	37	...	...	...	...	6	10	10	8	1	2	...
Pharmacists.....	227	...	...	...	5	37	22	56	50	21	19	17
Physicians and surgeons.....	367	...	...	...	8	34	44	109	81	27	21	43
Social scientists.....	14	...	...	...	1	...	2	6	5	...	...	...
Social, welfare, and recreation workers.....	47	1	...	...	2	8	14	7	7	6	3	...
Surveyors.....	31	...	...	1	7	6	6	4	5	...	2	...
Teachers (n.e.c.).....	415	1	...	...	29	72	56	95	91	35	18	18
Technicians, medical and dental.....	75	...	...	1	8	20	19	16	7	3	1	...
Other professional, technical, and kindred workers.....	888	5	3	12	87	147	142	226	150	39	32	45
Farmers and farm managers.....	2,868	14	3	32	103	191	214	528	573	356	335	519
Managers, officials, & proprietors, exc. farm.....	9,363	6	5	28	310	743	1,073	2,633	2,303	952	646	584
Officials & inspectors, State & local administration.....	144	...	...	...	3	10	12	22	39	24	13	21
Other specified managers and officials.....	985	1	1	5	53	79	126	267	222	110	69	52
Managers, officials, & propr's (n.e.c.)—salaried.....	3,788	3	2	17	139	373	474	1,146	922	310	220	182
Manufacturing.....	1,264	1	...	...	23	106	154	402	330	119	70	59
Wholesale and retail trade.....	1,267	1	1	7	71	158	194	384	257	84	56	54
Finance, insurance, and real estate.....	340	...	1	1	9	27	30	105	89	30	18	30
Other industries (incl. not reported).....	917	1	...	9	36	82	96	255	246	77	76	39
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	4,446	2	2	6	115	281	461	1,198	1,200	508	344	329
Construction.....	573	...	...	...	21	38	69	132	148	72	58	35
Manufacturing.....	605	...	...	...	13	21	59	162	163	68	54	65
Wholesale trade.....	419	1	...	1	7	26	35	118	135	43	24	29
Eating and drinking places.....	289	...	...	...	4	16	24	85	88	42	18	12
Retail trade, exc. eating and drinking places.....	1,781	1	1	3	43	146	202	501	443	191	128	122
Other industries (incl. not reported).....	779	...	1	2	27	34	72	200	223	92	62	66
Clerical and kindred workers.....	5,554	10	80	255	864	782	679	1,085	961	329	273	236
Bookkeepers.....	363	...	1	11	62	72	46	63	56	11	11	30
Mail carriers.....	341	...	...	2	25	39	59	94	81	26	10	5
Other clerical and kindred workers.....	4,850	10	79	242	777	671	574	928	824	292	252	201
Sales workers.....	7,073	296	242	238	664	938	858	1,523	1,213	474	295	332
Insurance agents and brokers.....	679	...	...	2	24	101	103	158	153	65	37	36
Real estate agents and brokers.....	328	...	...	...	16	32	27	58	78	38	39	40
Other specified sales workers.....	530	259	75	12	20	29	15	37	41	14	15	13
Salesmen and sales clerks (n.e.c.).....	5,536	37	167	224	604	776	713	1,270	941	357	204	243
Manufacturing.....	1,118	2	1	8	71	167	160	302	217	86	47	57
Wholesale trade.....	1,393	...	3	9	101	194	208	397	267	110	52	52
Retail trade.....	2,750	35	161	204	411	376	312	501	396	141	97	116
Other industries (incl. not reported).....	275	...	2	3	21	39	33	70	61	20	8	18
Craftsmen, foremen, and kindred workers.....	18,168	5	52	263	1,409	2,216	2,320	4,398	3,845	1,490	1,214	956
Bakers.....	350	...	5	28	58	44	26	80	52	21	23	13
Blacksmiths, forgemen, and hammermen.....	50	...	...	...	2	3	4	9	8	8	11	5
Boilermakers.....	47	...	...	...	4	...	...	11	8	8	6	6
Cabinetmakers and patternmakers.....	736	...	3	10	41	38	49	84	159	120	118	114
Carpenters.....	1,505	...	5	29	122	198	173	267	302	151	132	126
Compositors and typesetters.....	304	...	2	6	60	63	56	123	95	40	25	34
Cranemen, hoistmen, & const. machinery operators.....	238	...	...	3	15	36	4	82	41	10	6	4
Electricians.....	583	...	1	1	38	99	93	151	136	37	18	9
Foremen (n.e.c.).....	2,118	...	...	5	30	134	270	749	550	201	115	64
Manufacturing, durable goods.....	1,364	...	...	4	19	93	191	498	348	120	59	32
Mfg., nondurable goods (incl. not spec. mfg.).....	245	...	...	1	1	17	37	90	58	24	8	9
Nonmanufacturing industries (incl. not rptd.).....	509	...	...	...	10	24	42	161	144	57	48	23
Linemen & servicemen, t'graph, t'phone, & power.....	502	...	...	13	81	147	95	71	70	13	12	...
Locomotive engineers.....	146	...	...	...	...	...	4	8	49	32	40	13
Locomotive firemen.....	112	...	...	...	...	...	17	30	26	4	2	3
Machinists and job setters.....	1,215	...	1	7	67	123	172	320	266	117	80	62
Masons, tile setters, and stone cutters.....	324	...	...	12	56	56	34	44	69	23	17	12
Mechanics and repairmen, airplane.....	26	...	...	...	...	...	6	10	2	1	...	...
Mechanics and repairmen, automobile.....	1,274	...	7	27	165	215	199	327	238	48	33	13
Mechanics and repairmen, radio and television.....	134	...	1	3	26	29	25	36	13	...	1	...
Other mechanics and repairmen, and loom fixers.....	2,600	...	11	37	214	298	306	625	532	223	184	170
Millwrights.....	218	1	...	...	7	12	25	66	56	19	15	17
Molders, metal.....	221	...	...	1	19	29	27	52	50	21	14	8
Painters (construction), paperhangers, & glaziers.....	861	...	7	17	71	85	67	183	210	65	79	77
Plasterers and cement finishers.....	240	...	...	7	35	41	34	28	54	16	12	13
Plumbers and pipe fitters.....	374	1	...	2	25	46	47	91	70	40	36	16
Printing craftsmen, exc. compositors & typesetters.....	247	...	...	9	28	30	23	56	48	15	21	17
Shoemakers and repairers, except factory.....	82	...	...	3	6	10	14	16	4	12	12	16
Stationary engineers.....	345	...	...	3	15	34	42	83	72	36	28	32
Structural metal workers.....	41	...	...	3	3	7	15	5	5	...	...	2
Tailors and furriers.....	108	...	...	...	4	7	11	17	22	14	15	18
Tinsmiths, coppersmiths, and sheet metal workers.....	229	1	...	3	21	35	45	42	40	22	12	8
Toolmakers, and die makers and setters.....	1,414	3	72	200	251	439	252	95	70	32
Other craftsmen and kindred workers.....	1,324	...	8	35	117	176	144	300	336	81	75	52

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GRAND TOTALS												
Male—Con.												
Operatives and kindred workers	22,835	40	261	946	3,514	3,378	2,909	4,932	3,357	1,465	1,102	931
Apprentices	322	...	15	54	128	78	18	21	5	1	2	...
Attendants, auto service and parking	494	3	54	80	120	80	47	57	34	6	5	8
Brakemen and switchmen, railroad	288	...	...	1	15	42	55	69	46	23	30	7
Bus drivers	221	...	...	...	10	43	38	64	33	21	7	5
File, grinders, and polishers, metal	1,375	1	4	28	170	242	206	360	192	86	46	40
Furnacemen, smelters, and heaters	88	...	...	...	3	10	11	26	17	9	5	7
Laundry and dry cleaning operatives	287	1	14	23	52	49	28	49	36	17	13	5
Meat cutters, except slaughter and packing house	409	...	5	11	61	40	51	100	57	22	32	30
Mine operatives and laborers (n.e.c.)	102	...	...	4	10	13	10	17	12	9	15	6
Motormen, street, subway, and elevated railway	...	...	...	...	...	...	...	...	...	...	...	...
Painters, except construction and maintenance	1,021	...	9	45	137	96	72	165	164	129	114	90
Power station operators	43	...	...	1	8	4	4	7	9	2	4	...
Sailors and dock hands	11	...	...	1	2	2	1	1	...	...	1	2
Sawyers	334	...	1	3	27	30	19	59	68	53	34	40
Spinners and weavers, textile	11	...	...	...	...	1	3	3	...	...	...	2
Stationary firemen	288	...	2	2	21	9	13	44	73	44	36	44
Taxicab drivers and chauffeurs	142	...	1	4	30	23	40	40	27	8	5	6
Truck drivers and deliverymen	3,248	10	26	102	498	508	519	875	487	145	51	27
Welders and flame-cutters	1,243	...	1	22	195	213	219	338	158	41	34	22
Other specified operatives and kindred workers	172	2	2	2	23	24	16	33	27	16	17	10
Operatives and kindred workers (n.e.c.)	12,696	23	127	563	1,998	1,852	1,556	2,604	1,911	831	651	580
Manufacturing	11,642	11	94	503	1,876	1,735	1,466	2,390	1,735	732	572	528
Durable goods	9,917	3	96	385	1,596	1,538	1,273	2,024	1,467	621	492	462
Sawmills, planing mills, & misc. wood prod.	376	...	7	26	48	29	29	53	78	35	31	40
Furniture and fixtures	2,300	2	32	105	272	227	198	375	445	216	208	220
Stone, clay, and glass products	177	...	2	9	19	24	23	31	34	11	15	9
Primary metal industries	335	...	...	5	40	64	45	78	51	24	15	13
Fabric'd metal ind. (incl. not spec. metal)	1,374	1	4	84	271	231	209	292	152	55	44	31
Machinery, except electrical	2,755	...	2	87	527	466	334	557	394	169	118	101
Electrical machinery, equipment, & supplies	327	...	2	17	63	58	43	69	41	22	7	5
Motor vehicles and motor vehicle equipment	1,848	...	1	31	280	360	335	480	223	62	44	32
Transportation equip., exc. motor vehicle	156	...	2	6	26	27	17	41	23	11	3	...
Other durable goods	269	...	4	15	50	52	40	48	26	16	7	11
Nondurable goods	1,684	8	38	116	275	191	189	355	261	109	78	64
Food and kindred products	452	3	25	37	106	51	45	79	50	25	11	20
Yarn, thread, and fabric mills	14	...	...	...	2	1	2	3	5	1	...	...
Knitting, and other textile mill products	81	...	...	1	10	9	11	25	12	4	6	3
Apparel & other fabricated textile products	44	...	2	6	7	4	6	5	5	4	3	2
Paper and allied products	380	2	...	37	58	40	35	73	85	20	17	13
Chemicals and allied products	108	...	1	3	8	17	14	24	20	11	4	6
Leather and leather products	324	...	2	20	44	37	42	83	36	26	22	12
Other nondurable goods	281	3	8	12	40	32	34	63	48	18	15	8
Not specified manufacturing industries	41	...	...	2	5	6	4	11	7	2	2	2
Nonmanufacturing industries (incl. not rptd.)	1,054	12	33	60	122	117	90	214	176	99	79	52
Transport, commun., & other public utilities	270	...	2	5	22	29	18	55	61	38	34	6
Wholesale and retail trade	481	9	23	28	77	58	44	81	69	43	27	22
Other industries (incl. not reported)	303	3	8	27	23	30	28	78	46	18	18	24
Private household workers	84	7	11	4	1	3	4	6	23	5	4	16
Service workers, except private household	4,150	64	218	165	297	329	298	676	722	410	398	573
Barbers, beauticians, and manicurists	353	...	...	2	16	19	30	75	83	35	38	55
Charwomen, janitors, and porters	1,252	17	38	33	54	45	58	131	206	173	177	320
Cooks, except private household	243	1	4	12	29	25	25	54	54	16	16	7
Elevator operators	121	...	...	5	3	5	4	9	17	10	27	41
Firemen, fire protection	241	...	...	...	25	54	34	54	55	11	3	5
Guards and watchmen	429	...	...	3	8	10	16	71	83	72	73	93
Policemen, sheriffs, and marshals	323	...	...	...	24	68	41	76	72	25	8	9
Waiters, bartenders, and counter workers	491	3	16	25	55	55	59	129	80	35	21	13
Other service workers, except private household	697	43	160	85	83	48	31	77	72	33	35	30
Farm laborers and foremen	1,008	43	143	103	181	92	68	103	84	54	49	88
Farm laborers, unpaid family workers	204	19	50	27	39	19	6	12	6	5	3	18
Farm laborers, except unpaid, and farm foremen	804	24	93	76	142	73	62	91	78	49	46	70
Laborers, except farm and mine	4,206	49	189	333	712	510	401	705	546	275	247	239
Fishermen and oystermen	6	...	...	2	2	...	...	...	...	1	...	1
Longshoremen and stevedores	9	...	...	...	1	3	1	1	3	...	...	...
Lumbermen, raftsmen, and wood choppers	19	...	...	1	4	2	4	1	3	3	...	1
Other specified laborers	435	10	32	44	82	41	35	60	35	26	30	40
Laborers (n.e.c.)	3,737	39	157	286	623	464	361	643	505	245	217	197
Manufacturing	1,577	2	33	117	317	211	168	247	196	116	93	77
Durable goods	1,266	1	25	94	266	175	133	187	148	96	80	61
Furniture, saw & plan'g mills, misc. wood pr.	270	...	11	25	39	23	26	34	39	28	23	22
Stone, clay, and glass products	80	...	3	7	15	14	11	9	7	5	5	4
Primary metal industries	83	...	...	5	13	5	7	17	13	10	10	3
Fabric'd metal ind. (incl. not spec. metal)	214	1	5	22	58	32	20	25	19	14	11	7
Machinery, including electrical	300	...	2	23	95	35	23	41	39	18	12	12
Transportation equipment	308	...	3	12	51	57	45	61	30	21	17	11
Other durable goods	11	...	1	...	3	1	1	...	1	...	11	15
Nondurable goods	293	...	7	23	50	35	30	55	47	19	5	9
Food and kindred products	115	...	6	11	13	14	11	25	16	5	...	...
Textile mill products and apparel	21	...	...	4	8	4	2	1	2	...	...	...
Chemicals and allied products	30	...	1	...	5	3	6	3	6	3	6	3
Other nondurable goods	127	1	...	8	24	14	11	26	23	11	2	1
Not specified manufacturing industries	18	...	1	...	1	5	5	5	1	1	...	...
Nonmanufacturing industries (incl. not rptd.)	2,160	37	124	169	306	253	193	396	309	129	124	120
Construction	716	3	26	46	110	88	79	137	123	33	38	33
Railroads and railway express service	293	...	3	14	47	23	24	58	61	34	18	11
Transportation, except railroad	215	1	7	14	32	37	17	56	23	13	7	8
Telecommunications, & utilities & sanitary serv.	109	...	3	4	14	12	18	18	18	12	9	1
Wholesale and retail trade	611	27	76	68	83	74	44	86	64	17	37	35
Other industries (incl. not reported)	216	6	9	23	20	19	11	41	20	20	15	32
Occupation not reported	670	22	31	44	76	71	48	99	126	41	41	71

Table 76.—AGE OF EMPLOYED PERSONS, BY OCCUPATION, COLOR, AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, occupation, color, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
GRAND RAPIDS												
Female, employed	32,193	281	882	2,463	5,607	3,664	3,038	6,605	5,295	1,927	1,316	1,115
Professional, technical, and kindred workers	4,087	5	9	190	719	469	355	855	809	329	193	154
Accountants and auditors	178	...	...	12	44	26	13	33	32	8	4	6
Actresses, dancers, and entertainers (n.e.c.)	31	1	...	3	9	5	5	2	3	...	1	1
Artists and art teachers	51	...	...	1	12	7	4	9	14	2	2	...
Authors, editors, and reporters	61	...	...	1	10	14	9	8	11	2	4	2
Chemists and natural scientists (n.e.c.)	23	...	...	...	5	5	4	5	3	1	...	...
College presidents, prof's, & instructors (n.e.c.)	47	...	...	2	7	1	2	7	15	6	5	2
Designers and draftsmen	16	...	...	...	5	3	2	2	1	3	...	...
Dietitians and nutritionists	34	...	...	2	7	3	5	6	7	1	1	2
Lawyers and judges	3	...	...	...	...	3	...	...	...	...	...	...
Librarians	105	2	4	3	15	6	8	22	22	11	5	7
Musicians and music teachers	177	1	2	4	22	9	21	33	33	17	14	21
Nurses, professional	894	...	...	13	213	159	92	176	133	56	26	26
Nurses, student professional	211	...	1	114	84	6	2	1	1	2	...	...
Physicians and surgeons	16	...	...	1	2	2	1	5	4	...	1	...
Social scientists	9	...	...	...	1	3	...	4	...	...	1	...
Social, welfare, and recreation workers	109	...	...	1	10	11	8	25	26	14	8	6
Teachers (n.e.c.)	1,638	...	...	5	191	146	132	424	413	168	99	60
Technicians, medical and dental	90	...	1	3	28	17	11	13	13	1	3	...
Therapists and healers (n.e.c.)	44	...	...	...	6	7	3	10	8	5	3	2
Other professional, technical, and kindred workers	350	1	...	25	48	36	33	70	70	32	16	19
Farmers and farm managers	60	...	2	...	2	2	2	8	22	8	4	10
Managers, officials, & proprietors, exc. farm	1,038	1	2	10	64	85	93	298	251	101	58	75
Specified managers and officials	219	...	...	3	26	30	14	59	48	22	9	8
Managers, officials, & prop's (n.e.c.)—salaried	404	1	2	6	32	39	42	116	85	35	20	26
Wholesale and retail trade	186	...	3	...	10	17	22	54	48	8	10	13
Other industries (incl. not reported)	218	1	1	3	22	22	20	62	37	27	10	13
Mgrs., officials, & prop's (n.e.c.)—self-employed	415	...	...	1	6	16	37	123	118	44	29	41
Eating and drinking places	81	...	...	...	2	5	9	31	25	6	2	1
Wholesale & retail trade, exc. eating & drinking pl.	211	...	...	4	4	7	15	62	50	27	20	25
Other industries (incl. not reported)	123	...	...	...	...	4	13	30	43	11	7	15
Clerical and kindred workers	9,245	9	125	1,108	2,599	1,344	814	1,541	1,121	302	168	114
Bookkeepers	1,239	...	5	92	255	162	120	253	212	69	40	25
Cashiers	428	2	26	54	98	42	40	94	55	11	2	4
Stenographers, typists, and secretaries	2,885	1	28	323	854	469	279	467	308	85	41	30
Telephonic operators	590	...	3	84	202	87	29	81	74	19	6	5
Other clerical and kindred workers	4,109	6	63	555	1,190	584	346	646	472	118	79	50
Sales workers	3,130	37	277	309	376	233	249	687	528	203	127	104
Insurance and real estate agents and brokers	111	...	1	5	12	3	12	16	34	11	8	9
Other specified sales workers	90	5	7	1	12	12	7	17	15	8	3	3
Salesmen and sales clerks (n.e.c.), retail trade	2,768	30	260	293	338	205	220	623	446	172	99	82
Salesmen and sales clerks (n.e.c.), exc. retail trade	161	2	9	10	14	13	10	31	33	12	17	10
Craftsmen, foremen, and kindred workers	626	1	2	22	74	53	66	163	143	47	36	19
Foremen (n.e.c.)	113	...	...	...	3	2	16	39	35	12	3	3
Other craftsmen and kindred workers	513	1	2	22	71	51	50	124	108	35	33	16
Operatives and kindred workers	7,279	2	92	396	1,095	911	901	1,858	1,197	392	248	187
Dressmakers and seamstresses, except factory	300	...	...	8	10	9	11	42	72	35	39	74
Laundry and dry cleaning operatives	622	...	17	26	52	48	76	165	130	47	34	27
Spinners and weavers, textile	8	...	...	1	...	1	4	1	...	1	...	...
Other specified operatives and kindred workers	608	...	11	27	108	93	81	146	91	29	15	7
Operatives and kindred workers (n.e.c.)	5,741	2	64	334	925	760	729	1,504	904	280	160	79
Manufacturing	5,359	2	57	300	874	723	691	1,431	831	255	136	59
Durable goods	3,712	...	23	188	615	542	509	992	573	157	79	34
Metal industries	1,110	...	9	70	215	131	317	146	51	22	10	10
Machinery, including electrical	916	...	6	46	160	138	130	239	132	41	17	7
Other durable goods	1,686	...	8	72	240	265	248	436	295	65	40	17
Nondurable goods	1,620	2	33	111	254	178	178	430	256	98	57	23
Food and kindred products	393	2	24	57	89	48	34	75	33	19	11	1
Knitting mills	238	...	...	...	42	27	23	57	51	11	10	3
Textile mill products, except knitting	147	...	...	3	17	14	24	44	27	7	8	3
Apparel & other fabricated textile products	213	...	4	8	27	21	26	57	40	19	6	5
Leather and leather products	124	...	...	9	18	6	15	33	31	7	3	2
Other nondurable goods	505	...	...	20	61	62	56	164	74	35	19	9
Not specified manufacturing industries	27	...	1	1	5	3	4	9	2	...	...	2
Nonmanufacturing industries (incl. not rptd.)	382	...	7	34	51	37	38	73	73	25	24	20
Private household workers	1,879	180	148	122	107	83	97	253	335	169	191	194
Private household workers—living in	439	1	8	32	34	23	13	54	80	44	61	89
Private household workers—living out	1,440	179	140	90	73	60	84	199	255	125	130	105
Service workers, except private household	3,898	26	190	255	444	383	361	762	737	304	232	204
Attendants, hospital and other institution	169	...	19	38	38	14	12	15	14	4	9	6
Barbers, beauticians, and manicurists	343	...	2	11	49	46	69	81	56	19	5	5
Charwomen, janitors, and porters	372	1	...	2	9	16	31	59	95	68	56	35
Cooks, except private household	371	...	...	6	9	18	20	97	113	53	30	25
Housekeepers & stewards, exc. private household	172	...	...	2	6	16	11	20	50	23	19	25
Practical nurses and midwives	334	...	1	13	38	20	14	50	83	31	38	46
Waitresses, bartenders, and counter workers	1,178	15	124	129	173	159	135	254	137	31	16	5
Other service workers, except private household	959	10	44	54	122	94	69	186	189	75	59	57
Farm laborers and foremen	80	2	2	2	7	4	8	21	17	11	...	6
Farm laborers, unpaid family workers	42	1	2	...	3	2	...	8	14	8	...	4
Farm laborers, except unpaid, and farm foremen	38	1	...	2	4	2	8	13	3	3	...	2
Laborers, except farm and mine	397	1	7	26	69	52	48	78	58	22	24	12
Occupation not reported	474	17	26	23	51	45	44	81	77	39	35	36

DETAILED CHARACTERISTICS

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950

Occupation and sex	The State								Detroit Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers
Male, employed	1,784,784	1,668,947	113,125	2,712	1,367,174	122,208	212,575	12,827	884,486	789,979	93,034	1,473	743,907	58,514	81,116	949
Professional, technical, and kindred workers	126,486	124,283	2,001	202	80,408	25,853	20,195	30	69,520	67,778	1,624	118	49,660	9,541	10,308	11
Accountants and auditors	14,266	14,202	54	10	11,554	1,612	1,097	3	9,247	9,190	48	9	7,614	1,004	629	...
Architects	1,899	896	4	2	527	66	309	...	602	598	3	1	390	37	175	...
Artists and art teachers	2,895	1,871	24	4	1,362	199	337	...	1,399	1,376	20	3	1,057	106	235	1
Authors, editors, and reporters	2,678	2,647	18	...	1,938	90	257	...	1,299	1,283	16	...	1,188	22	89	...
Chemists	5,632	5,244	381	7	2,456	159	62	...	1,340	1,316	18	6	1,239	59	42	...
Clergymen	4,009	3,979	12	14	877	3,102	30	...	912	899	8	5	426	470	16	...
College presidents, profs, & instructors (n.e.c.)	2,783	2,731	50	2	201	72	20	...	1,471	1,434	36	1	126	32	1,313	...
Dentists	10,323	10,278	23	22	9,729	398	196	...	7,216	7,177	20	19	6,858	238	120	...
Designers and draftsmen	239	238	...	1	185	49	5	...	117	117	...	...	96	16	5	...
Engineers, aeronautical	3,729	3,696	23	10	2,107	1,432	189	...	1,967	1,938	22	7	1,339	542	86	...
Engineers, civil	3,429	3,404	18	7	3,412	333	84	...	2,185	2,167	16	2	1,982	162	41	...
Engineers, electrical	9,000	9,000	20	20	8,434	329	274	...	6,364	6,333	17	14	5,961	238	163	2
Engineers, mechanical	9,643	9,660	17	6	8,904	447	329	...	6,169	6,151	14	4	5,740	221	206	2
Other technical engineers	5,278	5,189	89	...	1,318	635	3,324	1	3,325	3,254	71	...	965	342	2,018	...
Musicians and music teachers	3,817	2,611	202	4	1,592	668	555	2	1,541	1,369	169	3	1,025	216	299	1
Natural scientists (n.e.c.)	909	881	25	3	561	314	34	...	304	283	19	2	253	39	12	...
Pharmacists	3,644	3,549	90	5	1,980	79	1,585	...	1,422	1,735	45	2	1,078	30	714	...
Physicians and surgeons	6,460	6,657	189	14	1,451	904	4,504	...	3,666	3,495	160	11	1,006	362	2,297	1
Social scientists	785	772	11	2	500	251	34	...	482	475	6	...	382	81	19	...
Social, welfare, and recreation workers	1,561	1,422	143	3	443	1,105	18	...	860	745	114	1	262	594	3	...
Surveyors	541	535	6	...	230	258	53	...	208	202	6	...	97	90	21	...
Teachers (n.e.c.)	10,775	10,511	159	5	1,740	8,435	100	...	4,335	4,191	140	4	1,003	3,284	48	...
Technicians, medical and dental	1,193	1,141	40	12	775	241	176	1	651	610	34	7	458	97	96	...
Other professional, technical, and kindred workers	20,919	20,502	381	36	12,786	4,215	3,907	11	10,112	9,790	307	15	7,270	1,237	1,602	3
Farmers and farm managers	110,318	109,878	394	46	724	50	109,544	...	4,754	4,702	50	2	172	11	4,571	...
Managers, officials, & proprietors, exc. farm.	165,934	163,199	2,518	217	72,523	8,771	84,575	65	84,200	81,885	2,138	1,777	39,309	3,597	41,270	24
Officials & inspectors, State & local administration	4,041	3,978	61	2	...	4,041	...	...	1,612	1,557	54	1	...	1,612	...	...
Other specified managers and officials	16,217	16,056	158	3	12,356	2,734	1,122	5	8,698	8,558	138	2	7,076	1,256	365	1
Managers, officials, & propr's (n.e.c.)—salaried	62,163	61,448	673	42	60,167	1,996	...	...	32,962	32,340	588	34	32,233	729	...	...
Manufacturing	20,193	20,128	60	5	20,136	57	...	...	11,474	11,430	44	...	...	...	...	...
Wholesale and retail trade	21,496	21,231	241	24	21,292	204	...	...	10,864	10,622	220	22	10,778	86	...	...
Finance, insurance, and real estate	5,055	4,990	65	...	4,990	205	...	...	2,679	2,621	58	...	2,602	77	...	...
Other industries (incl. not reported)	15,419	15,099	307	13	13,889	1,530	...	...	7,945	7,678	258	9	7,423	522	...	...
Mrgs, officials, & propr's (n.e.c.)—self-employed	83,513	81,747	1,626	170	...	...	83,453	60	40,928	39,430	1,358	140	...	...	40,905	23
Construction	8,528	8,382	144	2	...	...	8,524	4	4,863	4,742	119	2	...	...	4,862	1
Manufacturing	8,506	8,468	35	3	...	...	8,502	4	4,414	4,381	33	...	...	...	4,414	...
Wholesale trade	6,077	5,912	160	5	...	...	6,075	2	3,261	3,117	139	5	...	...	3,260	1
Eating and drinking places	8,409	8,187	196	56	...	...	8,400	9	4,276	4,094	138	44	...	...	4,273	3
Retail trade, exc. eating and drinking places	36,931	36,361	589	111	...	...	36,901	30	16,564	16,062	494	8	...	...	16,551	13
Other industries (incl. not reported)	15,062	14,437	522	93	...	...	15,051	11	7,550	7,034	435	81	...	...	7,545	5
Clerical and kindred workers	115,235	110,752	4,374	109	92,554	21,586	1,045	50	68,655	64,599	3,985	71	56,563	11,630	446	16
Bookkeepers	5,196	5,161	28	7	4,613	326	249	8	2,162	2,137	20	5	1,943	137	81	1
Mail carriers	6,804	6,315	486	3	...	6,804	...	...	3,220	2,760	457	3	...	3,220	...	...
Other clerical and kindred workers	103,235	99,276	3,860	99	87,941	14,456	796	42	63,273	59,702	3,508	63	54,620	8,273	365	15
Sales workers	105,765	104,151	1,572	42	90,879	393	14,180	313	55,168	53,766	1,371	31	48,583	185	6,235	165
Insurance agents and brokers	10,075	9,838	236	1	8,365	62	1,647	1	5,278	5,070	207	1	4,664	36	577	1
Real estate agents and brokers	5,747	5,592	155	...	3,340	25	2,381	1	3,413	3,270	143	...	2,197	14	1,202	...
Other specified sales workers	8,851	8,625	219	7	7,678	38	1,128	7	4,868	4,686	177	5	4,181	20	664	3
Salesmen and sales clerks (n.e.c.)	81,692	80,096	962	34	71,496	268	9,024	304	41,600	40,740	844	25	37,541	115	3,792	161
Manufacturing	13,754	13,703	50	1	12,937	9	804	4	8,903	8,858	44	1	8,366	5	530	2
Wholesale trade	14,126	14,061	62	3	12,746	15	1,357	8	7,658	7,600	56	2	6,873	8	771	6
Retail trade	49,232	48,397	808	27	42,441	134	6,371	286	22,796	22,064	713	19	20,362	42	2,245	147
Other industries (incl. not reported)	3,980	3,937	42	3	3,372	110	492	6	2,252	2,218	31	3	1,940	60	246	6
Craftsmen, foremen, and kindred workers	381,411	367,164	13,921	326	339,377	15,130	30,726	178	204,871	193,371	11,283	217	186,035	8,087	10,700	49
Bakers	3,948	3,837	110	1	3,356	71	513	8	2,018	1,923	94	1	1,814	15	186	3
Blacksmiths, forgemen, and hammermen	3,157	3,009	146	2	2,845	68	244	...	1,433	1,319	112	2	1,366	26	41	...
Boilermakers	942	907	34	1	894	34	14	...	395	370	25	...	372	18	5	...
Cabinetmakers and patternmakers	7,169	7,127	39	3	6,496	69	602	2	3,359	3,325	33	1	3,123	39	195	2
Carpenters	29,533	29,059	452	22	21,965	653	6,865	50	12,042	11,682	351	9	10,141	283	1,615	3
Compositors and typesetters	6,167	6,109	52	6	5,643	46	474	4	2,972	2,922	48	2	2,742	26	203	1
Cranemen, hoistmen, & const. machinery operators	9,436	8,496	934	6	8,195	999	240	2	5,181	4,364	814	3	4,838	284	58	1
Electricians	14,254	14,065	180	9	12,147	794	1,311	2	7,754	7,591	158	5	6,913	441	399	1
Foremen (n.e.c.)	44,983	44,492	481	10	43,147	1,561	...	5	24,870	24,428	437	5	24,115	754	...	...
Manufacturing, durable goods	30,157	29,854	299	4	30,049	107	...	1	18,500	18,229	269	2	18,395	105	...	...
Mfg. nondurable goods (incl. not spec. mfg.)	4,981	4,918	42	1	4,976	3	...	2	1,907	1,871	36	...	1,907	...	...	...
Nonmanufacturing industries (incl. not rptd.)	9,845	9,700	140	5	8,992	1,451	...	2	4,463	4,328	132	3	3,813	649	...	...
Linemen & servicemen, t'graph, t'phone, & power	9,041	8,967	71	3	8,599	442	...	...	4,184	4,121	63	...	3,951	233	...	...
Locomotive engineers	2,093	2,083	10	...	2,072	21	...	...	814	808	6	...	804	10	...	...
Locomotive firemen	1,466	1,442	24	...	1,449	17	...	...	546	532	14	...	538	8	...	...
Machinists and job setters	31,802	30,813	956	33	31,089	421										

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	The State								Detroit Standard Metropolitan Area								
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker				
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers	
Male—Con.																	
Operatives and kindred workers.....	510,079	460,746	48,621	712	484,573	14,351	10,881	274	273,188	231,517	41,207	464	261,334	8,160	3,599		95
Apprentices.....	5,778	5,686	89	3	5,674	95	...	9	3,517	3,441	74	2	3,449	61	...	...	7
Attendants, auto service and parking.....	10,483	9,804	678	1	9,820	88	484	91	4,543	3,948	595	...	4,314	51	194	24	...
Brakemen and switchmen, railroad.....	2,951	2,929	19	3	2,905	46	...	...	1,726	1,709	16	1	1,698	28	...	...	...
Bus drivers.....	6,220	5,519	707	4	4,445	3,741	44	...	4,001	3,300	699	2	1,203	2,786	12	...	...
Filers, grindors, and polishers, metal.....	31,267	29,086	2,140	41	30,949	80	235	3	19,077	17,422	1,621	34	18,913	78	86	...	...
Furnacemen, smelters, and heaters.....	5,609	3,390	2,212	7	5,587	7	14	1	3,497	1,902	1,594	1	3,488	5	4	...	...
Laundry and dry cleaning operatives.....	5,541	3,535	1,710	96	4,485	126	717	13	2,989	1,475	1,431	83	2,608	42	332	7	...
Meat cutters, except slaughter and packing house.....	6,896	6,721	173	2	6,209	27	621	9	3,317	3,158	158	1	3,013	18	280	6	...
Mine operatives and laborers (n.e.o.).....	9,551	8,983	67	1	8,915	25	108	3	442	398	43	1	412	12	18	...	...
Motormen, street, subway, and elevated railway.....	575	438	137	...	102	472	1	...	547	410	137	...	77	469	1	...	...
Painters, except construction and maintenance.....	9,833	8,712	1,109	12	9,652	36	142	3	4,932	3,897	1,027	8	4,854	29	48	...	...
Power station operators.....	1,268	1,262	6	...	1,122	145	1	...	585	579	6	...	518	67	...	...	...
Sailors and deck hands.....	1,605	1,583	13	9	1,503	92	9	1	558	544	10	...	541	15	1	...	...
Sawyers.....	2,598	2,529	56	13	2,403	15	177	3	535	488	47	...	521	8	6	...	...
Spinners and weavers, textile.....	334	321	16	1	223	71	42	2	60	48	12	...	42	8	9	1	...
Stationary firemen.....	5,860	5,488	360	12	4,927	932	...	1	2,735	2,426	307	2	2,250	485	...	...	...
Taxicab drivers and chauffeurs.....	7,165	6,488	671	6	6,635	162	366	2	4,947	4,364	577	6	4,654	109	183	1	...
Truck drivers and deliverymen.....	68,823	63,965	4,818	40	59,013	4,762	4,993	55	32,803	28,687	4,096	20	29,478	1,711	1,595	19	...
Welders and flame-cutters.....	27,010	24,196	2,777	37	26,109	334	562	5	16,444	13,884	2,533	27	16,087	265	119	3	...
Other specified operatives and kindred workers.....	5,432	5,071	345	16	4,807	472	152	1	2,870	2,558	305	7	2,535	262	73	...	...
Operatives and kindred workers (n.e.o.).....	294,966	264,040	30,518	408	290,088	2,593	2,213	72	163,063	136,879	25,919	265	160,709	1,651	678	25	...
Manufacturing.....	276,747	247,593	28,782	372	275,055	515	1,137	40	153,733	129,041	24,445	247	152,910	476	333	14	...
Durable goods.....	238,897	211,973	26,604	320	237,611	476	777	33	139,867	117,136	22,504	227	139,173	446	237	11	...
Sawmills, planing mills, & misc. wood prod.....	4,152	4,089	45	18	3,951	...	193	8	623	594	29	...	605	...	17	1	...
Furniture and fixtures.....	5,953	5,788	155	10	5,895	2	52	4	583	459	121	3	569	...	14	...	...
Stone, clay, and glass products.....	3,667	3,420	231	16	3,523	...	143	1	1,584	1,395	186	3	1,551	...	33	...	...
Primary metal industries.....	15,356	12,966	2,778	12	15,332	3	19	2	7,608	6,115	1,486	7	7,596	3	8	2	...
Fabric'd metal ind. (incl. not spec. metal).....	13,862	13,080	765	17	13,338	417	104	3	7,354	6,655	692	7	6,895	409	48	2	...
Machinery, except electrical.....	26,957	26,530	413	14	26,857	5	91	4	10,507	10,264	237	6	10,464	3	38	2	...
Electrical machinery, equipment, & supplies.....	3,627	3,521	103	3	3,614	1	11	1	1,388	1,292	94	2	1,384	...	4	...	...
Motor vehicles and motor vehicle equipment.....	159,078	136,896	21,954	228	158,994	18	59	7	107,869	88,143	19,527	199	107,824	12	28	5	...
Transportation equip., exc. motor vehicle.....	2,121	2,049	71	1	2,093	21	6	1	762	704	58	...	744	15	3	...	...
Other durable goods.....	4,124	4,034	89	1	4,014	9	99	2	1,589	1,515	74	...	1,541	4	44	...	...
Nondurable goods.....	36,250	34,151	2,050	49	35,857	36	350	7	13,241	11,403	1,820	18	13,118	27	93	3	...
Food and kindred products.....	10,579	9,862	701	16	10,329	12	234	4	4,373	3,725	639	9	4,308	6	59	...	...
Yarn, thread, and fabric mills.....	372	334	37	1	366	...	6	...	112	78	34	...	110	...	2	...	...
Knitting and other textile mill products.....	580	474	105	1	568	...	10	...	253	149	104	...	250	1	2	...	...
Apparel & other fabricated textile products.....	698	637	60	1	677	...	21	...	335	277	58	...	329	...	6	...	...
Paper and allied products.....	9,556	9,434	115	7	9,530	...	25	...	810	742	68	...	806	...	4	...	...
Chemicals and allied products.....	6,573	6,362	205	6	6,556	...	14	...	3,259	3,058	197	4	3,253	1	4	1	...
Leather and leather products.....	1,895	1,833	57	5	1,882	...	13	...	202	162	40	...	194	...	8	...	...
Other nondurable goods.....	5,997	5,215	770	12	5,949	19	27	2	3,897	3,212	680	5	3,868	19	8	2	...
Not specified manufacturing industries.....	1,600	1,469	128	3	1,587	3	10	...	625	502	121	2	619	3	3	...	...
Nonmanufacturing industries (incl. not rptd.).....	18,219	16,447	1,736	36	15,033	2,078	1,076	32	9,330	7,838	1,474	18	7,799	1,175	345	11	...
Transport, commun., & other public utilities.....	4,753	4,205	539	9	3,797	932	24	...	2,293	1,843	443	7	1,674	616	3	...	...
Wholesale and retail trade.....	6,770	6,144	615	11	6,493	16	250	11	3,513	2,966	541	6	3,400	7	100	6	...
Other industries (incl. not reported).....	6,696	6,098	582	16	4,743	1,130	802	21	3,524	3,029	490	5	2,725	552	242	5	...
Private household workers.....	1,897	1,326	552	19	1,825	...	51	21	980	538	431	11	955	...	19	6	...
Service workers, except private household.....	98,894	84,861	13,655	378	65,946	25,549	7,240	159	53,717	43,259	10,196	262	38,132	12,392	3,128	65	...
Barbers, beauticians, and manicurists.....	7,781	7,176	595	10	3,559	65	4,156	1	3,935	3,446	481	8	2,108	18	1,808	1	...
Charwomen, janitors, and porters.....	28,840	20,304	8,493	43	22,748	5,754	319	19	15,444	8,933	6,490	21	13,191	2,083	160	10	...
Cooks, except private household.....	5,749	5,162	455	132	4,823	388	528	10	3,350	2,959	292	99	2,986	113	244	7	...
Elevator operators.....	4,556	4,289	265	2	4,408	148	...	...	1,072	857	214	1	965	107	...	...	...
Firemen, fire protection.....	4,412	4,384	28	...	199	4,213	...	...	2,525	2,499	26	...	139	2,386	...	...	...
Guards and watchmen.....	18,759	13,471	265	8	9,674	2,070	12	3	6,339	6,092	240	7	5,653	678	6	...	...
Policemen, sheriffs, and marshals.....	9,592	9,394	186	2	8,855	8,704	33	...	6,215	6,051	162	2	5,003	5,694	18	2	...
Waiters, bartenders, and counter workers.....	11,923	10,884	939	100	9,990	269	1,598	66	6,471	5,762	622	87	5,757	44	641	29	...
Other service workers, except private household.....	17,282	14,797	2,404	81	12,690	3,938	594	60	6,366	5,660	1,669	37	6,830	1,269	251	16	...
Farm laborers and foremen.....	25,349	34,680	480	189	23,362	397	221	11,369	2,791	2,702	80	9	2,278	61	27	425	...
Farm laborers, unpaid family workers.....	11,359	11,301	42	16	...	...	...	11,359	425	418	7	...	...	...	...	425	...
Farm laborers, except unpaid, and farm foremen.....	23,990	23,379	438	173	23,362	397	221	10	2,366	2,284	73	9	2,278	61	27	...	...
Laborers, except farm and mine.....	113,281	90,383	22,486	412	99,824	9,423	3,706	328	56,509	37,934	18,497	78	51,202	4,482	745	80	...
Fishermen and oystermen.....	1,196	1,167	5	24	506	16	667	7	27	24	3	...	21	2	4	...	...
Longshoremen and stevedores.....	347	317	30	...	303	38	5	1	151	124	27	...	145	5	1	...	...
Lumbermen, raftsmen, and wood choppers.....	3,882	3,771	20	91	2,856	15	962	49	67	62	5	...	55	3	8	1	...
Other specified laborers.....	7,820	6,272	1,533	15	6,103	1,089	589	39	3,798	2,599	1,135	4	3,060	388	279	11	...
Laborers (n.e.o.).....	100,036	78,856	20,898	282	90,056	8,265	1,483	232	52,526	35,125	17,327	74	47,921	4,084	453	68	...
Manufacturing.....	52,539	39,628	12,797	1													

DETAILED CHARACTERISTICS

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Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	The State								Detroit Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers
Female, employed	607,143	564,906	41,594	643	482,861	78,868	35,035	10,379	307,794	273,738	33,746	310	259,046	33,389	13,092	2,267
Professional, technical, and kindred workers	75,923	73,815	2,039	69	32,831	39,616	3,307	169	34,301	32,451	1,812	38	17,188	15,639	1,408	66
Accountants and auditors	2,491	2,458	31	2	2,045	359	83	4	1,410	1,381	27	2	1,192	172	46	...
Actresses, dancers, and entertainers (n.e.c.)	700	668	31	1	312	52	132	4	462	432	29	1	377	21	63	1
Artists and art teachers	925	915	9	1	430	377	116	2	575	566	9	...	300	213	61	1
Authors, editors, and reporters	966	960	6	...	808	51	100	7	424	419	5	...	373	17	33	1
Chemists and natural scientists (n.e.c.)	504	488	12	4	341	150	13	...	246	235	9	2	216	22	8	...
College presidents, prof's, & instructors (n.e.c.)	1,002	996	3	3	308	686	8	...	277	276	1	...	111	161	5	...
Designers and draftsmen	404	389	13	2	329	45	29	1	272	259	12	1	228	25	18	1
Dietitians and nutritionists	855	737	115	3	516	333	4	2	464	363	99	2	316	146	1	1
Lawyers and judges	184	178	6	...	58	48	78	...	123	118	5	...	44	28	51	...
Librarians	1,998	1,967	29	2	463	1,531	3	1	816	791	24	1	232	582	1	1
Musicians and music teachers	3,277	3,152	123	2	1,280	743	1,252	2	1,469	1,364	104	1	619	367	483	...
Nurses, professional	15,979	15,478	485	16	11,413	4,114	427	25	7,466	7,012	443	11	5,997	1,705	156	8
Nurses, student professional	2,475	2,449	24	2	2,128	347	...	...	1,052	1,037	14	1	965	87	...	...
Physicians and surgeons	352	342	7	3	123	82	147	...	178	170	7	1	70	41	67	...
Social scientists	322	309	11	2	176	142	3	1	172	163	8	1	110	60	2	...
Social, welfare, and recreation workers	2,499	2,278	220	1	838	1,632	18	11	1,396	1,198	198	...	510	875	8	3
Teachers (n.e.c.)	33,475	32,779	686	10	6,132	27,089	201	53	13,689	13,065	617	7	3,128	10,439	90	32
Technicians, medical and dental	1,621	1,569	49	3	1,197	400	19	5	821	777	43	1	677	137	5	2
Therapists and healers (n.e.c.)	502	488	13	1	232	166	102	2	231	221	10	...	124	56	50	1
Other professional, technical, and kindred workers	5,392	5,215	166	11	3,502	1,269	572	49	2,758	2,604	148	6	1,999	485	260	14
Farmers and farm managers	3,036	3,004	29	3	46	6	2,982	2	285	276	9	...	14	...	271	...
Managers, officials, & proprietors, exc. farm	23,403	22,681	700	22	9,842	1,667	11,597	297	11,655	11,070	569	16	5,807	521	5,208	119
Specified managers and officials	3,970	3,889	80	1	2,618	1,163	181	8	2,049	1,983	65	1	1,665	298	83	3
Managers, officials, & propr's (n.e.c.)—salaried	7,728	7,521	204	3	7,224	504	...	...	4,365	4,187	175	3	4,342	223	...	...
Wholesale and retail trade	3,323	3,233	88	2	3,295	28	...	...	1,869	1,794	73	2	1,851	18	...	...
Other industries (incl. not reported)	4,405	4,288	116	1	3,929	476	...	...	2,496	2,393	102	1	2,291	205	...	...
Mgrs., officials, & propr's (n.e.c.)—self-employed	11,705	11,271	416	18	...	...	11,416	289	5,241	4,900	329	12	...	...	5,125	116
Eating and drinking places	2,813	2,703	105	5	...	...	2,749	64	1,334	1,062	69	3	...	...	1,130	24
Wholesale & retail trade, exc. eating & drinking pl.	5,947	5,778	166	3	...	...	5,819	128	2,796	2,652	142	2	...	...	2,747	49
Other industries (incl. not reported)	2,945	2,790	145	10	...	...	2,848	97	1,311	1,186	118	7	...	...	1,268	43
Clerical and kindred workers	178,960	175,488	3,352	120	150,815	24,856	2,291	998	103,044	99,946	3,015	83	89,764	12,090	811	379
Bookkeepers	21,140	20,981	159	5	18,678	1,195	912	355	9,719	9,580	136	3	8,943	436	239	101
Cashiers	8,488	8,289	194	2	7,947	329	142	70	5,014	4,824	188	2	4,738	191	51	34
Stenographers, typists, and secretaries	58,755	57,703	991	61	48,256	9,975	401	123	35,863	34,917	905	41	30,998	4,609	200	56
Telephone operators	13,170	12,072	92	6	12,574	573	18	5	6,442	6,356	83	3	6,193	241	6	2
Other clerical and kindred workers	77,407	75,443	1,918	46	63,360	12,784	818	445	46,006	44,269	1,703	34	38,892	6,613	315	186
Sales workers	62,071	60,840	1,215	16	55,042	152	4,752	2,125	31,108	30,019	1,079	10	28,644	50	1,558	856
Insurance and real estate agents and brokers	1,649	1,491	158	...	1,257	8	373	11	924	779	145	...	765	5	151	3
Other specified sales workers	1,475	1,434	40	1	1,314	25	128	8	801	772	29	...	729	10	58	4
Salesmen and sales clerks (n.e.c.), retail trade	55,878	54,951	915	12	49,758	49	4,042	2,029	27,607	26,790	810	7	25,520	14	1,259	814
Salesmen and sales clerks (n.e.c.), exc. retail trade	3,069	2,964	102	3	2,713	70	209	77	1,776	1,678	95	3	1,630	21	90	35
Craftsmen, foremen, and kindred workers	10,194	9,741	448	5	9,172	254	682	86	5,548	5,168	377	3	5,149	150	215	34
Foremen (n.e.c.)	1,994	1,954	39	1	1,950	40	...	4	1,204	1,164	39	1	1,181	22	...	1
Other craftsmen and kindred workers	8,200	7,787	409	4	7,222	214	682	82	4,344	4,004	338	2	3,968	128	215	33
Operatives and kindred workers	109,066	100,843	8,079	144	105,608	1,001	2,169	288	54,249	47,498	6,669	82	52,957	364	817	111
Dressmakers and seamstresses, except factory	4,568	4,289	266	13	3,255	103	1,195	15	2,427	2,188	227	12	1,927	34	454	12
Laundry and dry cleaning operatives	10,619	6,976	3,600	43	9,779	420	339	81	5,734	2,685	3,021	28	5,454	102	135	43
Spinners and weavers, textile	221	217	3	1	197	...	61	3	42	40	2	...	32	...	9	1
Other specified operatives and kindred workers	6,684	6,224	453	7	6,171	194	222	97	3,455	3,099	353	3	3,270	78	82	25
Operatives and kindred workers (n.e.c.)	86,974	83,137	3,757	80	86,246	284	352	92	42,591	39,486	3,066	39	42,274	150	137	30
Manufacturing	81,449	78,106	3,279	64	81,161	34	203	51	39,105	36,437	2,635	33	38,988	24	77	16
Durable goods	59,202	56,673	2,487	42	59,068	25	88	21	31,440	29,494	1,923	23	31,381	20	30	9
Metal industries	7,810	7,544	261	5	7,781	15	12	2	3,876	3,699	175	2	3,854	15	5	2
Machinery, including electrical	11,831	11,670	156	5	11,821	1	4	5	4,549	4,424	124	1	4,542	1	4	2
Other durable goods	39,561	37,459	2,070	32	39,466	9	72	14	23,015	21,371	1,624	20	22,985	4	21	5
Nondurable goods	21,648	20,861	765	22	21,495	9	114	30	7,459	6,760	689	10	7,402	4	46	7
Food and kindred products	6,689	6,388	293	8	6,634	1	35	19	2,626	2,339	279	8	2,614	...	9	3
Knitting mills	632	621	8	3	631	...	1	...	9	9	...	...	...	...	...	...
Textile mill products, except knitting	723	656	66	1	713	...	8	2	266	202	64	...	263	...	3	...
Apparel & other fabricated textile products	4,722	4,540	175	7	4,668	1	52	1	1,331	1,189	140	2	1,303	1	26	1
Leather and leather products	1,028	994	34	...	1,028	...	...	...	184	151	33	...	184	...	...	...
Other nondurable goods	7,854	7,662	189	3	7,821	7	18	8	3,043	2,870	173	...	3,029	3	8	3
Not specified manufacturing industries	599	572	27	...	598	...	1	...	206	183	23	...	205	...	1	...
Nonmanufacturing industries (incl. not rptd.)	5,225	5,031	478	16	5,085	250	149	41	3,486	3,049	431	6	3,286	126	60	14
Private household workers	38,209	25,335	12,758	116	37,208	...	898	103	18,772	8,468	10,270	34	18,468	...	283	21
Private household workers—living in	7,998	6,444	1,519	35	7,939	...	37	22	4,305	2,980	1,303	22	4,281	...	19	5
Private household workers—living out	30,211	18,891	11,239	81	29,269	...	861	81	14,467	5,488	8,967	12	14,187	...	264	16
Service workers, except private household	83,351	72,048	11,199	104	65,301	10,935	6,184	931	41,511	32,868	8,609	34	34,349	4,384	2,459	319
Attendants, hospital and other institution	6,646	5,630	1,008	8	3,441	3,169	27	9	3,125	2,253	869	3	1,813	1,302	9	2
Barbers, beauticians, and manicurists	7,334	6,446	880	8	3,998	15	3,310	11	3,924	3,161	758	5	2,415	8	1,499	

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	Flint Standard Metropolitan Area								Grand Rapids Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers
Male, employed	82,148	77,953	4,157	38	71,078	2,947	7,957	166	81,720	79,859	1,820	41	65,286	3,791	12,390	253
Professional, technical, and kindred workers	4,275	4,198	73	4	2,881	641	752	1	5,741	5,702	36	3	3,818	738	1,181	4
Accountants and auditors	453	453	...	...	380	25	47	1	735	734	1	...	628	45	61	1
Architects	15	15	...	...	7	...	8	...	57	57	...	...	31	3	23	...
Artists and art teachers	22	21	1	...	17	2	3	...	95	93	1	1	69	1	25	...
Authors, editors, and reporters	65	65	...	...	57	2	6	...	120	120	...	...	104	4	12	...
Chemists	56	55	1	...	50	6	...	...	79	78	...	1	72	3	4	...
Clergymen	212	192	20	...	199	2	11	...	316	303	13	...	299	...	17	...
College presidents, prof's, & instructors (n.e.c.)	82	81	1	...	59	18	5	...	98	98	...	...	58	39	1	...
Dentists	92	90	2	...	4	...	88	...	151	150	1	...	4	2	145	...
Designers and draftsmen	322	321	1	...	314	3	5	...	439	438	1	...	392	17	30	...
Engineers, aeronautical	3	3	...	...	2	1	...	...	36	36	...	...	36	...	...	...
Engineers, civil	80	80	...	...	43	31	6	...	128	128	...	...	69	49	10	...
Engineers, electrical	117	116	1	...	110	4	3	...	232	232	...	...	215	8	9	...
Engineers, mechanical	318	318	...	...	306	2	10	...	311	310	1	...	284	5	22	...
Other technical engineers	288	287	1	...	271	11	6	...	473	473	...	...	434	8	30	1
Lawyers and judges	129	125	4	...	14	17	98	...	242	239	3	...	53	27	161	1
Musicians and music teachers	97	90	7	...	60	16	21	...	128	124	4	...	69	31	28	...
Natural scientists (n.e.c.)	27	27	...	...	...	...	...	...	37	37	...	...	23	9	5	...
Pharmacists	165	165	...	...	80	1	84	...	227	226	1	...	134	4	89	...
Physicians and surgeons	245	239	5	1	37	18	190	...	367	364	3	...	83	10	274	...
Social scientists	19	18	1	...	16	2	1	...	14	14	...	...	8	1	5	...
Social, welfare, and recreation workers	57	52	4	1	20	36	1	...	47	44	3	...	19	28	...	...
Surveyors	13	13	...	...	6	5	2	...	31	31	...	...	14	15	2	...
Teachers (n.e.c.)	433	431	2	...	99	330	4	...	415	415	...	...	81	329	5	...
Technicians, medical and dental	30	29	...	1	21	4	5	...	75	74	1	...	58	6	11	...
Other professional, technical, and kindred workers	935	912	22	1	682	105	148	...	888	884	3	1	581	94	212	1
Farmers and farm managers	1,595	1,590	3	2	19	1	1,575	...	2,868	2,865	3	...	19	1	2,848	...
Managers, officials, & proprietors, exc. farm	5,429	5,354	71	4	2,264	180	2,983	2	9,363	9,314	48	1	4,524	315	4,522	2
Officials & inspectors, State & local administration	87	86	1	...	...	87	...	...	144	144	...	...	144	...	...	...
Other specified managers and officials	417	413	4	...	332	54	31	...	985	984	1	...	810	97	77	1
Managers, officials, & prop'rs (n.e.c.)—salaried	1,971	1,955	15	1	1,932	39	...	...	3,788	3,776	12	...	3,714	74	...	...
Manufacturing	508	506	2	...	508	...	...	...	1,264	1,263	1	...	1,263	1	...	...
Wholesale and retail trade	818	812	6	...	815	3	...	...	1,267	1,262	5	...	1,253	14	...	...
Finance, insurance, and real estate	197	195	2	...	195	2	...	...	340	339	1	...	334	6	...	...
Other industries (incl. not reported)	448	442	5	1	414	34	...	...	917	912	5	...	864	53	...	...
Mgrs., officials, & prop'rs (n.e.c.)—self-employed	2,954	2,900	51	3	...	...	2,952	2	4,446	4,410	35	1	...	...	4,445	1
Construction	276	275	1	...	...	...	276	...	573	564	9	...	...	...	572	1
Manufacturing	187	187	...	...	...	186	1	...	605	605	...	...	...	...	605	...
Wholesale trade	172	171	1	...	...	172	...	...	419	416	3	...	...	...	419	...
Eating and drinking places	337	323	13	1	...	...	337	...	289	284	4	1	...	...	289	...
Retail trade, exc. eating and drinking places	1,506	1,490	16	...	...	...	1,506	...	1,781	1,776	5	...	...	...	1,781	...
Other industries (incl. not reported)	476	454	20	2	...	...	475	1	779	765	14	...	...	...	779	...
Clerical and kindred workers	4,736	4,643	92	1	4,125	572	37	2	5,554	5,510	40	4	4,573	929	51	1
Bookkeepers	136	136	...	...	127	4	5	...	363	362	1	...	336	11	16	...
Mail carriers	263	257	6	...	...	263	...	...	341	340	1	...	...	...	...	...
Other clerical and kindred workers	4,337	4,250	86	1	3,998	305	32	2	4,850	4,808	38	4	4,237	577	35	1
Sales workers	4,470	4,425	43	2	3,848	10	611	1	7,073	7,047	24	2	6,285	20	762	6
Insurance agents and brokers	445	441	4	...	377	1	67	...	679	677	2	...	583	6	90	...
Real estate agents and brokers	253	250	3	...	133	4	116	...	328	326	2	...	213	1	114	...
Other specified sales workers	538	532	6	...	471	1	66	...	530	519	10	1	474	...	56	...
Salesmen and sales clerks (n.e.c.)	3,234	3,202	30	2	2,867	4	362	1	5,536	5,525	10	1	5,015	13	502	6
Manufacturing	256	254	2	...	246	...	10	...	1,118	1,117	1	...	1,055	...	63	...
Wholesale trade	560	559	1	...	513	1	46	...	1,393	1,391	2	...	1,289	1	103	...
Retail trade	2,309	2,282	25	2	2,015	3	290	1	2,750	2,744	5	1	2,437	5	302	6
Other industries (incl. not reported)	109	107	2	...	93	...	16	...	275	273	2	...	234	7	34	...
Craftsmen, foremen, and kindred workers	18,086	17,693	391	2	16,491	344	1,244	7	18,168	17,982	180	6	15,881	379	1,903	5
Bakers	112	111	1	...	94	1	17	...	350	345	5	...	314	2	34	...
Blacksmiths, forgemen, and hammermen	229	229	...	...	225	1	3	...	50	50	...	...	43	1	6	...
Boilermakers	9	9	...	...	6	...	3	...	47	41	6	...	46	...	...	...
Cabinetmakers and patternmakers	279	278	1	...	230	1	28	...	736	736	...	...	711	...	25	...
Carpenters	994	981	13	...	722	12	258	2	1,505	1,501	3	1	1,029	17	455	4
Compositors and typesetters	173	173	...	...	157	...	16	...	504	502	2	...	467	...	37	...
Cranemen, hoistmen, & const. machinery operators	368	319	49	...	332	31	5	...	238	235	3	...	202	17	19	...
Electricians	653	651	2	...	594	12	47	...	583	583	...	...	495	18	70	...
Foremen (n.e.c.)	2,573	2,565	8	...	2,529	43	...	1	2,118	2,112	6	...	2,072	46	...	...
Manufacturing, durable goods	2,180	2,175	5	...	2,180	...	...	...	1,364	1,359	5	...	1,364	...	...	...
Mfg. nondurable goods (incl. not spec. mfg.)	81	81	...	...	81	...	...	...	245	245	...	...	245	...	...	...
Nonmanufacturing industries (incl. not rptd.)	312	309	3	...	268	43	...	1	509	508	1	...	463	46	...	...
Linemen & servicemen, t'graph, t'phone, & power	374	374	...	...	373	1	...	...	502	500	1	1	494	8	...	...
Locomotive engineers	20	20	...	...	20	...	...	...	146	144	2	...	146	...	...	...
Locomotive firemen	27	27	...	...	26	1	...	...	112	110	2	...	112	...	...	...
Machinists and job setters	1,548	1,531	17	...	1,536	2	10	...	1,215	1,210	5	...	1,192	7	16	...
Masons, tile setters, and stone cutters	258	248	10	...	190	3	65	...	324	323	...	1	248	1	75	...
Mechanics and repairmen, airplane	12	12	...	...	12	...	...	...	26	26	...	...	25	1	...	...
Mechanics and repairmen, automobile	2,300	2,251	47	2	2,142	14	144	...	1,274	1,249	25	...	1,052	35	186	1
Mechanics and repairmen, radio and television	96	94	2	...	64	...	32	...	134	132	1	1	103	4	27	...
Other mechanics and repairmen, and loom fixers	2,411	2,372	39	...	2,179	138	94	...	2,600	2,544	55	1	2,329	133	138	...
Millwrights	364	362	2	...	364	...	...	...	218	217	1	...	216	1	1	...
Molders, metal	169	70	99	...	168	...	1	...	221	197	23	1	220	...	1	...
Painters (construction), paperhangers, & glaziers	495	475	20	...	259	20	215	1	861	853	8	...	449	21	391	...
Plasterers and cement finishers	156	135	21	...	98	6	52	...	240	235	5	...	156	2	82	...
Plumbers and pipe fitters	446	444	2	...	380	2	64	...	374	371	3	...	301	3	70	...
Printing craftsmen, exc. compositors & typesetters	62															

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	Flint Standard Metropolitan Area								Grand Rapids Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government work- ers	Self- em- ployed workers	Unpaid family work- ers		White	Negro	Other races	Private wage and salary workers	Government work- ers	Self- em- ployed workers	Unpaid family work- ers
Female, employed.....	26,326	24,919	1,401	6	21,409	2,967	1,722	228	32,193	31,162	1,012	19	28,020	2,462	1,448	263
Professional, technical, and kindred workers.....	3,021	2,981	39	1	1,093	1,776	142	10	4,087	4,067	19	1	2,325	1,544	212	6
Accountants and auditors.....	90	89	1	...	75	6	8	1	178	177	1	...	160	8	10	...
Actresses, dancers, and entertainers (n.o.c.).....	31	31	...	...	24	3	4	...	31	31	...	...	20	2	9	...
Artists and art teachers.....	22	22	...	...	6	11	5	...	51	51	...	...	33	13	5	...
Authors, editors, and reporters.....	21	21	...	...	18	1	2	...	61	61	...	...	53	1	6	1
Chemists and natural scientists (n.o.c.).....	6	6	...	...	4	2	...	...	23	22	1	...	12	10	1	...
College presidents, prof'ts, & instructors (n.o.c.).....	15	15	...	...	1	14	...	...	47	47	...	...	31	16	...	...
Designers and draftsmen.....	12	12	...	...	9	...	3	...	16	16	...	...	12	1	3	...
Dietitians and nutritionists.....	36	36	...	...	25	11	...	...	34	32	2	...	28	5	...	1
Lawyers and judges.....	3	3	...	...	1	...	2	...	3	3	...	...	2	...	...	1
Librarians.....	63	62	1	...	13	50	...	...	105	103	2	...	34	70	1	...
Musicians and music teachers.....	140	137	3	...	54	23	63	...	177	176	1	...	74	29	74	...
Nurses, professional.....	604	596	8	...	443	143	14	4	894	892	1	1	747	105	41	1
Nurses, student professional.....	177	176	1	...	33	144	...	...	211	210	1	...	207	4	...	...
Physicians and surgeons.....	9	9	...	...	4	...	5	...	16	16	...	...	10	1	5	...
Social scientists.....	9	9	...	...	7	2	...	...	9	9	...	...	6	3	...	...
Social, welfare, and recreation workers.....	78	72	6	...	32	43	...	3	109	105	4	...	62	47	...	...
Teachers (n.o.c.).....	1,490	1,476	14	...	209	1,274	7	...	1,638	1,636	2	...	466	1,159	13	...
Technicians, medical and dental.....	42	41	1	...	26	14	1	1	90	89	1	...	72	17	1	...
Therapists and healers (n.o.c.).....	10	9	1	...	4	1	5	...	44	44	...	...	27	7	10	...
Other professional, technical, and kindred workers.....	163	159	3	1	105	34	23	1	350	347	3	...	269	46	32	3
Farmers and farm managers.....	57	57	...	...	1	1	55	...	60	60	...	...	1	1	58	...
Managers, officials, & proprietors, exc. farm.....	928	904	22	2	310	52	553	13	1,038	1,021	17	...	572	37	421	8
Specified managers and officials.....	113	111	2	...	68	34	10	1	219	217	2	...	176	29	13	1
Managers, officials, & propr's (n.o.c.)—salaried.....	260	255	5	...	242	18	...	...	404	400	4	...	396	8	...	...
Wholesale and retail trade.....	113	111	2	...	112	1	...	...	186	183	3	...	185	1	...	...
Other industries (incl. not reported).....	147	144	3	...	130	17	...	...	218	217	1	...	211	7	...	...
Mgrs., officials, & propr's (n.o.c.)—self-employed.....	555	538	15	2	...	...	543	12	435	404	11	...	...	...	408	7
Eating and drinking places.....	166	161	5	...	...	...	164	2	81	78	3	...	...	...	80	1
Wholesale & retail trade, exc. eating & drinking pl.....	272	267	4	1	...	...	269	3	211	210	1	...	...	...	206	5
Other industries (incl. not reported).....	117	110	6	1	...	...	110	7	123	116	7	...	...	...	122	1
Clerical and kindred workers.....	6,535	6,465	70	...	5,675	693	140	27	9,245	9,199	44	2	8,397	676	116	56
Bookkeepers.....	970	969	1	...	857	41	61	11	1,233	1,231	2	...	1,144	37	34	18
Cashiers.....	410	405	5	...	375	19	10	6	428	427	1	...	407	7	12	2
Stenographers, typists, and secretaries.....	1,723	1,708	15	...	1,469	237	15	2	2,885	2,870	14	1	2,630	221	23	11
Telephone operators.....	408	404	4	...	392	16	...	...	590	586	4	...	574	14	2	...
Other clerical and kindred workers.....	3,024	2,979	45	...	2,582	380	54	8	4,109	4,085	23	1	3,642	397	45	25
Sales workers.....	2,932	2,889	43	...	2,528	9	320	75	3,130	3,121	9	...	2,878	3	166	83
Insurance and real estate agents and brokers.....	96	90	6	...	74	1	21	...	111	110	1	...	97	...	14	...
Other specified sales workers.....	75	75	...	...	66	3	6	...	90	89	1	...	82	...	8	...
Salesmen and sales clerks (n.o.c.), retail trade.....	2,643	2,607	36	...	2,288	3	278	74	2,768	2,761	7	...	2,554	1	135	78
Salesmen and sales clerks (n.o.c.), exc. retail trade.....	118	117	1	...	100	2	15	1	161	161	...	...	145	2	9	5
Craftsmen, foremen, and kindred workers.....	342	333	9	...	301	6	33	2	626	618	8	...	579	6	37	4
Foremen (n.o.c.).....	25	25	...	...	25	...	...	...	113	113	...	...	113	...	...	...
Other craftsmen and kindred workers.....	317	308	9	...	276	6	33	2	513	505	8	...	466	6	37	4
Operatives and kindred workers.....	6,238	5,809	428	1	6,082	44	103	9	7,279	7,123	150	6	7,146	17	102	14
Dressmakers and seamstresses, except factory.....	184	177	7	...	123	3	58	...	300	296	4	...	226	3	70	1
Laundry and dry cleaning operatives.....	428	353	75	...	385	18	23	2	622	565	55	2	599	9	11	3
Spinners and weavers, textile.....	6	6	...	...	2	...	4	...	8	8	...	...	8	...	...	...
Other specified operatives and kindred workers.....	393	351	42	...	361	17	10	5	608	597	11	...	595	1	6	6
Operatives and kindred workers (n.o.c.).....	5,227	4,922	304	1	5,211	6	8	2	5,741	5,657	80	4	5,718	4	15	4
Manufacturing.....	5,128	4,834	293	1	5,121	2	3	2	5,399	5,284	71	4	5,348	1	7	3
Durable goods.....	4,999	4,708	290	1	4,996	2	...	1	3,712	3,650	59	3	3,700	...	3	...
Metal industries.....	46	46	...	...	46	...	...	...	1,110	1,086	23	1	1,109	...	1	...
Machinery, including electrical.....	139	137	2	...	138	...	...	1	916	912	3	1	916	...	...	...
Other durable goods.....	4,814	4,525	288	1	4,812	2	...	...	1,686	1,652	33	1	1,604	...	2	...
Non-durable goods.....	121	118	3	...	117	...	3	1	1,620	1,608	11	1	1,612	1	4	3
Food and kindred products.....	56	56	...	...	55	...	...	1	393	391	2	...	390	...	2	1
Knitting mills.....	...	...	...	...	...	...	...	...	238	231	6	1	238	...	...	...
Textile mill products, except knitting.....	6	4	2	...	6	...	...	...	147	147	...	...	147	...	...	...
Apparel & other fabricated textile products.....	26	25	1	...	24	...	2	...	213	211	2	...	212	...	1	...
Leather and leather products.....	...	...	...	...	...	...	...	...	124	123	1	...	124	...	...	...
Other non-durable goods.....	33	33	...	...	32	...	1	...	505	505	...	...	501	1	1	2
Not specified manufacturing industries.....	8	8	...	...	8	...	...	...	27	26	1	...	27	...	...	...
Nonmanufacturing industries (incl. not rptd.).....	99	88	11	...	90	4	5	...	382	373	9	...	370	3	8	1
Private household workers.....	1,744	1,374	369	1	1,688	...	53	3	1,879	1,596	278	5	1,817	...	57	5
Private household workers—living in.....	390	351	39	...	387	...	3	...	439	416	23	...	437	...	2	...
Private household workers—living out.....	1,354	1,023	330	1	1,301	...	50	3	1,440	1,180	255	5	1,380	...	55	5
Service workers, except private household.....	3,584	3,224	360	...	2,858	381	316	29	3,898	3,476	418	4	3,414	172	271	41
Attendants, hospital and other institution.....	215	209	6	...	136	75	2	2	169	157	12	...	143	26	...	...
Barbers, beauticians, and manicurists.....	319	295	24	...	162	...	157	...	343	329	13	1	196	...	146	1
Charwomen, janitors, and porters.....	206	134	72	...	163	38	5	...	372	336	36	...	341	26	4	1
Cooks, except private household.....	394	357	37	...	296	64	31	3	371	349	22	...	304	35	20	12
Housekeepers & stewards, exc. private household.....	131	124	7	...	81	50	...	...	172	164	8	...	156	12	2	2
Practical nurses and midwives.....	241	233	8	...	189	45	7	...	334	330	4	...	280	26	28	...
Waitresses, bartenders, and counter workers.....	1,373	1,312	61	...	1,276	17	63	17	1,178	1,148	29	1	1,129	13	24	12
Other service workers, except private household.....	705	560	145	...	555	92	51	7	959	663	294	2	865	34	47	13
Farm laborers and foremen.....	83	82	...	1	24	1	1	57	80	80	...	...	35	...	3	42
Farm laborers, unpaid family workers.....	37	37	...	...	...	...	...	57	42	42	...	...	...	...	...	42
Farm laborers, except unpaid, and farm foremen.....	26	25	...	1	24	1	1	...	38	38	...	...	35	...	3	...
Laborers, except farm and mine.....	138	116	22	...	132	1	3	2	397	344	52	1	384	5	5	3

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	Jackson Standard Metropolitan Area								Kalamazoo Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers
Male, employed.....	27,627	26,960	654	13	20,928	2,006	4,495	128	34,544	33,873	643	28	26,871	2,662	4,921	90
Professional, technical, and kindred workers.....	2,142	2,124	15	3	1,482	327	333	...	2,930	2,910	15	5	1,898	581	451	...
Accountants and auditors.....	224	224	...	...	178	29	17	...	287	285	2	...	247	15	25	...
Architects.....	13	12	1	...	6	1	6	...	20	20	...	...	12	2	6	...
Artists and art teachers.....	12	12	...	...	9	1	2	...	76	76	...	...	61	4	11	...
Authors, editors, and reporters.....	26	26	...	...	24	...	2	...	44	44	...	...	34	2	8	...
Chemists.....	18	18	...	...	17	...	1	...	233	233	...	...	230	...	3	...
Clergymen.....	100	93	7	...	94	2	4	...	109	105	4	...	107	...	2	...
College presidents, prof's, & instructors (n.e.c.).....	26	26	...	...	12	13	1	...	131	131	...	...	29	101	1	...
Dentists.....	49	49	...	...	2	1	46	...	63	62	1	...	5	3	55	...
Designers and draftsmen.....	182	182	...	...	180	1	1	...	152	152	...	...	142	7	3	...
Engineers, aeronautical.....	2	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...
Engineers, civil.....	80	80	...	...	64	13	3	...	82	82	...	...	64	15	3	...
Engineers, electrical.....	270	268	...	2	260	7	3	...	64	64	...	...	56	7	1	...
Engineers, mechanical.....	172	171	1	...	164	2	6	...	140	138	...	2	130	4	6	...
Other technical engineers.....	147	147	...	...	139	7	1	...	179	179	...	...	169	4	6	...
Lawyers and judges.....	72	72	...	...	17	7	48	...	104	103	1	...	25	8	71	...
Musicians and music teachers.....	31	30	1	...	14	9	8	...	62	60	2	...	47	16	19	...
Natural scientists (n.e.c.).....	1	1	...	...	...	1	...	...	37	36	1	...	31	6	...	...
Pharmacists.....	60	59	...	1	34	1	25	...	75	75	...	...	43	2	30	...
Physicians and surgeons.....	105	105	...	...	17	6	82	...	147	146	1	...	8	7	1	...
Social scientists.....	22	20	2	...	10	12	...	...	16	15	...	1	7	19	...	...
Social, welfare, and recreation workers.....	27	26	1	...	8	19	...	...	26	24	2	...	12	9	...	...
Surveyors.....	17	17	...	...	14	3	...	...	21	21	...	...	28	208	1	...
Teachers (n.e.c.).....	155	155	...	...	25	129	1	...	237	237	...	...	19	3	5	...
Technicians, medical and dental.....	12	12	...	...	10	2	...	...	27	27	...	...	19	3	5	...
Other professional, technical, and kindred workers.....	319	317	2	...	182	61	76	...	578	575	1	2	375	124	79	...
Farmers and farm managers.....	1,707	1,703	4	...	20	...	1,687	...	1,469	1,466	3	...	18	2	1,449	...
Managers, officials, & proprietors, exc. farm.....	2,827	2,827	15	5	1,362	144	1,350	1	3,750	3,720	25	5	1,902	169	1,678	1
Officials & inspectors, State & local administration.....	88	88	...	...	...	88	...	...	76	76	...	...	...	76	...	...
Other specified managers and officials.....	344	343	1	...	297	36	11	...	325	324	1	...	260	42	23	...
Managers, officials, & propr's (n.e.c.)—salaried.....	1,085	1,082	3	...	1,065	20	...	...	1,693	1,687	6	...	1,642	51	...	...
Manufacturing.....	355	355	...	...	355	...	...	...	639	638	1	...	639	...	...	...
Wholesale and retail trade.....	376	374	2	...	374	2	...	...	541	540	1	...	539	2	...	...
Finance, insurance, and real estate.....	65	65	...	...	63	2	...	...	102	102	...	...	101	1	...	...
Other industries (incl. not reported).....	289	288	1	...	273	16	...	...	411	407	4	...	363	48	...	...
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	1,340	1,324	11	5	...	...	1,339	1	1,656	1,633	18	5	...	...	1,655	1
Construction.....	127	126	1	...	...	...	...	...	212	212	1	...	...	...	213	...
Manufacturing.....	165	164	...	1	...	...	...	...	188	188	...	...	...	...	188	...
Wholesale trade.....	81	81	...	...	...	...	...	...	137	133	4	...	...	...	137	...
Eating and drinking places.....	154	151	1	2	...	...	...	153	143	138	4	1	...	...	143	...
Retail trade, exc. eating and drinking places.....	594	591	3	...	...	...	...	594	696	696	...	...	...	...	695	1
Other industries (incl. not reported).....	219	211	6	2	...	...	...	219	279	266	9	4	...	...	279	...
Clerical and kindred workers.....	1,721	1,703	18	...	1,366	332	23	...	2,248	2,217	30	1	1,793	426	29	...
Bookkeepers.....	73	73	...	...	64	4	5	...	140	138	1	1	127	5	8	...
Mail carriers.....	117	117	...	...	...	117	...	...	147	144	3	...	...	147	...	...
Other clerical and kindred workers.....	1,531	1,513	18	...	1,302	211	18	...	1,961	1,935	26	...	1,666	274	21	...
Sales workers.....	1,879	1,876	3	...	1,647	5	225	2	2,491	2,489	2	...	2,218	12	259	2
Insurance agents and brokers.....	176	176	...	...	160	1	15	...	230	230	...	...	191	...	39	...
Real estate agents and brokers.....	91	91	...	...	43	...	48	...	112	111	1	...	50	...	62	...
Other specified sales workers.....	147	146	1	...	130	1	16	...	156	156	...	...	137	...	19	...
Salesmen and sales clerks (n.e.c.).....	1,465	1,463	2	...	1,314	3	146	2	1,993	1,992	1	...	1,840	12	139	2
Manufacturing.....	203	203	...	...	199	...	4	...	375	375	...	...	365	...	10	...
Wholesale trade.....	281	281	...	...	255	...	26	...	351	351	...	...	322	1	28	...
Retail trade.....	919	917	2	...	808	3	106	2	1,162	1,161	1	...	1,066	5	89	2
Other industries (incl. not reported).....	62	62	...	...	52	...	10	...	105	105	...	...	87	6	12	...
Craftsmen, foremen, and kindred workers.....	6,104	6,044	60	...	5,360	183	557	4	7,685	7,609	74	2	6,665	337	679	4
Bakers.....	6	6	...	...	6	...	...	...	199	197	2	...	187	6	5	1
Blacksmiths, forgemen, and hammermen.....	159	151	8	...	140	2	17	...	12	12	...	...	7	1	4	...
Boilermakers.....	41	41	...	...	41	...	...	...	28	26	2	...	27	1	...	...
Cabinetmakers and patternmakers.....	41	41	...	...	27	2	12	...	75	74	1	...	65	2	8	...
Carpenters.....	384	383	1	...	247	4	133	...	696	693	3	...	511	26	159	...
Compositors and typesetters.....	72	72	...	...	64	...	8	...	347	347	...	...	330	2	15	...
Cranemen, hoistmen, & const. machinery operators.....	82	82	...	...	63	14	5	...	120	115	5	...	92	19	9	...
Electricians.....	184	184	...	...	156	5	23	...	304	303	1	...	275	9	20	...
Foremen (n.e.c.).....	715	715	...	...	676	38	...	1	847	845	2	...	821	25	...	1
Manufacturing, durable goods.....	406	406	...	...	405	...	...	1	201	201	...	...	201	...	...	1
Mfg., nondurable goods (incl. not spec. mfg.).....	94	94	...	...	94	...	...	...	422	421	1	...	421	...	...	...
Nonmanufacturing industries (incl. not rptd.).....	215	215	...	...	177	38	...	...	224	223	1	...	199	25	...	...
Linemen & servicemen, t'graph, t'phone, & power.....	212	212	...	...	211	1	...	...	218	217	1	...	206	12	...	...
Locomotive engineers.....	164	164	...	...	163	1	...	...	18	18	...	...	18	...	...	...
Locomotive firemen.....	111	109	2	...	110	1	...	...	19	18	1	...	19	...	...	...
Machinists and job setters.....	819	817	2	...	806	3	10	...	522	521	...	1	508	5	9	...
Masons, tile setters, and stone cutters.....	82	81	1	...	58	1	23	...	144	140	4	...	113	3	28	...
Mechanics and repairmen, airplanes.....	9	9	...	...	8	...	1	...	7	7	...	...	6	...	1	...
Mechanics and repairmen, automobile.....	454	446	8	...	391	6	57	...	524	515	9	...	437	19	68	...
Mechanics and repairmen, radio and television.....	56	54	2	...	42	1	11	2	47	47	...	...	36	...	11	...
Other mechanics and repairmen, and loom fixers.....	849	838	11	...	761	57	31	...	1,213	1,189	24	...	1,034	131	48	...
Millwrights.....	53	53	...	...	52	1	...	...	150	149	1	...	150	...	...	...
Molders, metal.....	37	30	7	...	37	...	...	...	106	105	1	...	103	...	3	...
Painters (construction), paperhangers, & glaziers.....	205	200	5	...	102	6	96	1	365	361	4	...	210	19	135	1
Plasterers and cement finishers.....	36	34	2	...	20	...	16	...	103	99	4	...	72	4	27	...
Plumbers and pipe fitters.....	138	138	...	...	105	6	27	...	365	364	...	1	315	16	34	...
Printing craftsmen, exc. compositors & typesetters.....	30	30	...	...	29	1	...	...	221	221	...	...	216	1	3	1
Shoemakers and repairers, except factory.....	19	19	...	...	8	...	11	...	28	200	...	...	178	20	2	...

DETAILED CHARACTERISTICS

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	Jackson Standard Metropolitan Area								Kalamazoo Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers
Female, employed	10,637	10,259	372	6	8,718	1,147	657	115	14,616	14,281	323	12	11,676	2,073	750	117
Professional, technical, and kindred workers	1,269	1,267	2	...	532	672	64	1	2,178	2,164	13	1	1,039	1,043	94	2
Accountants and auditors	59	59	...	...	48	10	1	...	78	78	...	...	72	4	2	...
Actresses, dancers, and entertainers (n.e.c.)	11	11	...	...	5	4	2	...	18	18	...	...	13	2	3	...
Artists and art teachers	8	8	...	...	2	3	3	...	33	33	...	...	10	20	3	...
Authors, editors, and reporters	15	15	...	...	13	3	2	...	17	17	...	...	13	2	1	1
Chemists and natural scientists (n.e.c.)	1	1	...	...	1	...	...	...	38	38	...	...	36	2	...	...
College presidents, prof's, & instructors (n.e.c.)	15	15	...	...	5	10	...	...	78	78	...	...	26	92	...	...
Designers and draftsmen	7	7	...	...	7	...	...	...	1	1	...	...	...	...	1	...
Dietitians and nutritionists	7	7	...	...	5	2	...	...	21	19	2	...	15	6	...	...
Lawyers and judges	1	1	...	...	...	1	...	...	3	3	...	...	...	...	1	...
Librarians	25	25	...	...	2	23	3	...	83	81	2	...	19	63	1	...
Musicians and music teachers	57	57	...	...	27	13	17	...	102	101	1	...	40	29	33	...
Nurses, professional	298	298	...	...	235	49	14	...	404	402	2	...	245	143	16	...
Nurses, student professional	44	44	...	...	22	22	...	...	161	160	1	...	161	...	...	...
Physicians and surgeons	3	3	...	...	1	...	2	...	13	13	...	...	6	1	6	...
Social scientists	1	1	...	...	1	...	...	...	8	8	...	...	8	...	...	...
Social, welfare, and recreation workers	46	45	1	...	11	34	1	...	59	58	1	...	25	33	1	...
Teachers (n.e.c.)	574	573	1	...	92	479	3	...	724	721	2	1	301	616	7	...
Technicians, medical and dental	15	15	...	...	11	3	3	...	38	37	1	...	32	6	...	...
Therapists and healers (n.e.c.)	8	8	...	...	2	3	3	...	27	27	...	...	5	17	5	...
Other professional, technical, and kindred workers	74	74	...	...	42	16	15	1	272	271	1	...	212	46	13	1
Farmers and farm managers	38	38	...	...	2	...	36	...	30	30	...	...	2	...	28	...
Managers, officials, & proprietors, exc. farm	456	448	6	2	217	32	206	1	579	573	6	...	270	38	262	9
Specified managers and officials	104	102	2	...	74	27	3	...	94	94	...	...	63	23	7	1
Managers, officials, & prop'r's (n.e.c.)—salaried	148	148	...	...	143	5	...	...	222	219	3	...	207	15	...	...
Wholesale and retail trade	80	80	...	...	80	...	...	...	91	88	3	...	91	...	...	...
Other industries (incl. not reported)	68	68	...	...	63	5	...	...	131	131	...	...	116	15	...	...
Mgrs., officials, & prop'r's (n.e.c.)—self-employed	204	198	4	2	...	...	203	1	265	260	3	...	...	...	255	8
Eating and drinking places	62	58	2	2	...	...	62	...	66	64	2	...	...	...	64	2
Wholesale & retail trade, exc. eating & drinking pl.	89	89	...	...	...	...	89	...	119	119	...	...	...	...	114	5
Other industries (incl. not reported)	53	51	2	...	...	...	52	1	70	77	1	...	...	...	77	1
Clerical and kindred workers	2,837	2,818	17	2	2,460	311	43	23	3,989	3,971	15	3	3,460	454	48	27
Bookkeepers	440	439	1	...	387	21	20	12	479	479	...	...	432	18	20	9
Cashiers	114	114	...	...	107	5	2	...	157	156	1	...	144	8	3	2
Stenographers, typists, and secretaries	816	815	...	1	715	90	9	2	1,244	1,241	3	...	1,055	179	8	2
Telephone operators	197	197	...	...	190	6	1	...	267	266	...	1	222	45	...	...
Other clerical and kindred workers	1,270	1,253	16	1	1,061	189	11	9	1,842	1,829	11	2	1,607	204	17	14
Sales workers	1,086	1,081	5	...	947	2	102	35	1,228	1,227	1	...	1,109	14	74	31
Insurance and real estate agents and brokers	19	19	...	...	12	...	7	...	31	31	...	...	24	...	7	...
Other specified sales workers	25	23	2	...	22	1	2	...	20	20	...	...	17	...	3	...
Salesmen and sales clerks (n.e.c.), retail trade	1,001	998	3	...	877	1	89	34	1,090	1,090	...	...	997	4	61	28
Salesmen and sales clerks (n.e.c.), exc. retail trade	41	41	...	...	36	...	4	1	87	86	1	...	71	10	3	3
Craftsmen, foremen, and kindred workers	175	172	3	...	160	...	11	4	305	301	4	...	275	5	23	2
Foremen (n.e.c.)	37	37	...	...	36	...	...	1	69	69	...	...	69	...	...	...
Other craftsmen and kindred workers	138	135	3	...	124	...	11	3	236	232	4	...	206	5	23	2
Operatives and kindred workers	2,291	2,237	54	...	2,230	7	51	3	3,160	3,131	26	3	3,061	41	55	3
Dressmakers and seamstresses, except factory	102	101	1	...	64	2	36	...	99	97	2	...	64	4	31	...
Laundry and dry cleaning operatives	166	142	24	...	161	1	4	...	191	176	15	...	163	18	10	...
Spinners and weavers, textile	5	5	...	...	5	...	...	...	1	1	...	...	...	...	1	...
Other specified operatives and kindred workers	87	85	2	...	82	3	2	...	101	97	3	1	84	10	6	1
Operatives and kindred workers (n.e.c.)	1,931	1,904	27	...	1,918	1	9	3	2,768	2,760	6	2	2,750	9	7	2
Manufacturing	1,877	1,856	21	...	1,869	...	5	3	2,622	2,617	3	2	2,617	...	4	1
Durable goods	1,188	1,175	13	...	1,185	...	2	1	478	476	1	1	476	...	2	...
Metal industries	101	101	...	...	101	...	...	...	38	37	...	1	38	...	...	...
Machinery, including electrical	413	412	1	...	412	...	...	1	96	96	...	...	96	...	...	...
Other durable goods	674	662	12	...	672	...	2	...	344	343	1	...	342	...	2	...
Nondurable goods	667	659	8	...	662	...	3	2	2,126	2,124	1	1	2,123	...	2	1
Food and kindred products	61	60	1	...	60	...	...	1	76	76	...	...	75	...	...	1
Knitting mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Textile mill products, except knitting	17	17	...	...	17	...	...	...	8	8	...	...	8	...	...	...
Apparel & other fabricated textile products	448	448	...	...	446	...	2	...	214	214	...	...	213	...	1	...
Leather and leather products	2	2	...	...	2	...	...	...	1	1	...	...	1	...	...	...
Other nondurable goods	139	132	7	...	137	...	1	1	1,827	1,825	1	1	1,826	...	1	...
Not specified manufacturing industries	22	22	...	...	22	...	...	...	18	17	1	...	18	...	...	...
Nonmanufacturing industries (incl. not rptd.)	54	48	6	...	49	1	4	...	146	143	3	...	133	9	3	1
Private household workers	698	521	175	2	670	...	25	3	763	652	110	1	733	...	28	2
Private household workers—living in	119	110	7	2	117	...	1	1	150	137	13	...	148	...	2	...
Private household workers—living out	579	411	168	...	553	...	24	2	613	515	97	...	585	...	26	2
Service workers, except private household	1,424	1,329	95	...	1,184	118	115	7	1,981	1,836	142	3	1,366	474	132	9
Attendants, hospital and other institution	97	91	6	...	62	35	...	...	249	235	14	...	87	161	1	...
Barbers, beauticians, and manicurists	143	137	6	...	71	...	72	...	138	131	7	...	64	1	73	...
Charwomen, janitors, and porters	74	56	18	...	70	3	1	...	91	78	13	...	75	15	1	...
Cooks, except private household	139	129	10	...	120	12	6	1	212	200	11	1	135	63	12	2
Housekeepers & stewards, exc. private household	67	63	4	...	45	17	5	...	109	105	4	...	62	46	1	...
Practical nurses and midwives	109	109	...	...	84	21	4	...	169	163	6	...	101	50	18	...
Waitresses, bartenders, and counter workers	594	530	4	...	512	1	15	6	575	571	4	...	511	47	13	4
Other service workers, except private household	261	214	47	...	220	29	12	...	438	353	83	2	331	91	13	3
Farm laborers and foremen	80	78	2	...	42	2	...	36	73	73	...	...	43	...	...	30
Farm laborers, unpaid family workers	36	36	...	...	...	...	...	...	30	30	...	...	...	...	...	30
Farm laborers, except unpaid, and farm foremen	44	42	2	...	42	2	...	...	43	43	...	...	43	...	...	...
Laborers, except farm and mine	71	66	5	...	69	1	1	...	112	107	5	...	104	3	2	...
Occupation not reported	212	204	8	...	205	2	3	2	218	216	1	1	214	1	1	2

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	Lansing Standard Metropolitan Area								Saginaw Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self- em- ployed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self- em- ployed workers	Unpaid family workers
Male, employed.....	45,959	45,051	876	32	32,448	7,048	6,288	175	43,091	40,238	2,838	15	33,825	1,833	7,098	335
Professional, technical, and kindred workers.....	5,468	5,421	39	8	2,151	2,698	617	2	2,431	2,406	24	1	1,585	361	484	1
Accountants and auditors.....	622	621	1	...	392	197	33	...	284	284	...	...	235	23	26	...
Architects.....	40	40	...	...	8	15	17	...	12	12	...	...	6	1	5	...
Artists and art teachers.....	44	44	...	...	22	15	7	...	18	18	...	...	11	3	4	...
Authors, editors, and reporters.....	127	126	1	...	86	31	10	...	36	36	...	...	31	...	5	...
Chemists.....	71	69	2	...	32	37	2	...	50	50	...	...	46	4	...	...
Clergymen.....	162	157	5	...	156	2	4	...	160	151	9	...	148	1	11	...
College presidents, prof's, & instructors (n.e.c.).....	847	843	4	...	829	1	7	...	836	836	...	...	836	...	...	...
Dentists.....	80	79	1	...	17	2	4	...	58	57	1	...	6	1	...	...
Designers and draftsmen.....	271	270	1	...	200	65	6	...	217	217	...	...	214	1	2	...
Engineers, aeronautical.....	2	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...
Engineers, civil.....	436	434	1	...	94	329	13	...	69	69	...	...	34	32	3	...
Engineers, electrical.....	110	110	...	...	62	44	4	...	84	84	...	...	81	3	...	...
Engineers, mechanical.....	255	254	1	...	227	23	5	...	129	129	...	...	123	1	5	...
Other technical engineers.....	260	260	...	...	205	47	8	...	209	209	...	...	200	4	5	...
Lawyers and judges.....	157	157	...	...	24	37	96	...	107	104	3	...	23	13	71	...
Musicians and music teachers.....	104	96	8	...	47	42	15	...	55	53	2	...	25	10	19	1
Natural scientists (n.e.c.).....	134	131	3	...	37	95	2	...	13	13	...	...	12	...	1	...
Pharmacists.....	126	126	...	...	70	4	52	...	85	85	...	...	41	...	44	...
Physicians and surgeons.....	179	178	1	...	21	29	129	...	151	148	3	...	19	7	125	...
Social scientists.....	65	64	1	...	12	50	3	...	8	8	...	...	8	...	...	...
Social, welfare, and recreation workers.....	72	68	4	...	21	51	...	...	23	22	1	...	5	18	...	...
Surveyors.....	21	21	...	...	4	16	1	...	10	10	...	...	8	1	1	...
Teachers (n.e.c.).....	367	364	3	...	35	331	1	...	225	225	...	...	37	187	1	...
Technicians, medical and dental.....	47	47	...	...	21	20	6	...	24	24	...	...	18	...	6	...
Other professional, technical, and kindred workers.....	869	860	7	2	354	385	128	2	397	391	5	1	254	49	94	...
Farmers and farm managers.....	1,829	1,828	1	...	11	7	1,811	...	3,229	3,225	3	1	11	...	3,218	...
Managers, officials, & proprietors, exc. farm.....	3,786	3,769	15	2	1,656	443	1,687	...	3,926	3,888	38	...	1,794	151	1,980	1
Officials & inspectors, State & local administration.....	215	213	2	...	...	215	...	...	84	83	1	...	84	40	...	...
Other specified managers and officials.....	478	478	...	...	357	85	36	...	370	369	1	...	299	40	31	...
Managers, officials, & prop'r's (n.e.c.)—salaried.....	1,442	1,443	6	...	1,299	143	...	...	1,522	1,511	11	...	1,495	27	...	...
Manufacturing.....	346	346	...	...	344	2	...	...	423	422	1	...	423	...	...	...
Wholesale and retail trade.....	508	508	...	...	498	10	...	...	602	602	...	...	600	2	...	...
Finance, insurance, and real estate.....	160	160	...	...	158	2	...	...	109	108	1	...	105	4	...	...
Other industries (incl. not reported).....	428	422	6	...	299	129	...	...	388	379	9	...	367	21	...	...
Mgrs., officials, & prop'r's (n.e.c.)—self-employed.....	1,651	1,642	7	2	...	...	1,651	...	1,950	1,925	25	...	...	1,949	1	...
Construction.....	205	204	1	...	...	205	...	...	188	187	1	...	...	188	...	...
Manufacturing.....	108	108	...	...	...	108	...	...	181	181	...	...	...	181	...	...
Wholesale trade.....	93	92	1	...	...	93	...	...	170	168	2	...	...	170	...	...
Eating and drinking places.....	164	161	3	...	...	164	...	...	221	210	11	...	...	221	...	...
Retail trade, exc. eating and drinking places.....	820	816	4	...	...	820	...	...	877	870	7	...	...	876	1	...
Other industries (incl. not reported).....	261	261	...	...	...	261	...	...	313	309	4	...	...	313	...	...
Clerical and kindred workers.....	3,177	3,152	22	3	2,099	1,035	41	2	2,388	2,363	25	...	1,962	404	22	...
Bookkeepers.....	282	280	2	...	225	51	6	...	125	125	...	...	112	4	9	...
Mail carriers.....	180	178	2	...	...	180	...	...	159	158	1	...	...	159	...	...
Other clerical and kindred workers.....	2,715	2,694	18	3	1,874	804	35	2	2,104	2,080	24	...	1,850	241	13	...
Sales workers.....	3,921	3,918	3	...	3,199	31	679	12	2,621	2,597	23	1	2,347	1	259	14
Insurance agents and brokers.....	447	446	1	...	320	8	119	...	271	262	9	...	237	...	34	...
Real estate agents and brokers.....	271	271	...	...	139	1	131	...	82	80	2	...	41	...	41	...
Other specified sales workers.....	213	213	...	...	173	6	34	...	259	256	3	...	240	1	18	...
Salesmen and sales clerks (n.e.c.).....	2,990	2,988	2	...	2,567	16	395	12	2,009	1,999	9	1	1,829	...	166	14
Manufacturing.....	239	239	...	...	218	...	21	...	251	...	...	...	234	...	17	...
Wholesale trade.....	521	520	1	...	...	...	65	...	486	486	...	...	472	...	13	1
Retail trade.....	2,138	2,137	1	...	1,827	8	291	12	1,184	1,174	9	1	1,048	...	123	13
Other industries (incl. not reported).....	92	92	...	...	66	8	18	...	88	88	...	...	75	...	13	...
Craftsmen, foremen, and kindred workers.....	9,012	8,907	103	2	7,402	726	875	9	9,709	9,180	528	1	8,823	184	701	1
Bakers.....	122	121	1	...	94	5	23	...	93	93	...	...	81	1	11	...
Blacksmiths, forgemen, and hammermen.....	224	218	6	...	216	6	2	...	56	56	...	...	49	1	6	...
Boilermakers.....	28	28	...	...	22	6	...	...	58	58	...	...	58	...	...	...
Cabinetmakers and patternmakers.....	119	118	1	...	92	4	23	...	452	452	...	...	435	...	17	...
Carpenters.....	751	746	5	...	514	38	196	3	654	651	3	...	481	3	169	1
Compositors and typesetters.....	189	189	...	...	172	2	15	...	106	106	...	...	95	1	10	...
Cranemen, hoistmen, & const. machinery operators.....	157	156	1	...	115	32	10	...	266	257	9	...	242	19	5	...
Electricians.....	337	335	2	...	249	65	23	...	316	313	3	...	281	1	34	...
Foremen (n.e.c.).....	885	884	1	...	827	58	...	...	1,080	1,077	3	...	1,056	24	...	...
Manufacturing, durable goods.....	636	635	1	...	636	...	...	...	749	747	2	...	749	...	...	...
Mfg., nondurable goods (incl. not spec. mfg.).....	34	34	...	...	34	...	...	...	84	83	1	...	83	1	...	...
Nonmanufacturing industries (incl. not rptd.).....	215	215	...	...	157	58	...	...	247	247	...	...	224	23	...	...
Linemen & servicemen, t'graph, t'phone, & power.....	258	258	...	...	213	45	...	...	249	248	1	...	247	2	...	...
Locomotive engineers.....	18	18	...	...	17	1	...	...	79	79	...	...	77	2	...	...
Locomotive firemen.....	16	16	...	...	...	...	...	...	75	73	2	...	72	3	...	...
Machinists and job setters.....	520	519	1	...	509	8	3	...	962	953	9	...	956	2	4	...
Masons, tile setters, and stone cutters.....	196	187	8	1	133	5	58	...	187	176	11	...	147	...	40	...
Mechanics and repairmen, airplane.....	13	13	...	...	9	3	1	...	4	4	...	...	4	...	...	...
Mechanics and repairmen, automobile.....	1,058	1,040	18	...	909	51	95	3	785	769	16	...	684	11	90	...
Mechanics and repairmen, radio and television.....	71	71	...	...	41	5	25	...	35	34	1	...	19	...	16	...
Other mechanics and repairmen, and loom fixers.....	1,090	1,066	24	...	842	189	58	1	1,312	1,297	15	...	1,197	77	38	...
Millwrights.....	156	154	2	...	156	...	...	...	239	239	...	...	239	...	...	...
Molders, metal.....	32	31	1	...	32	...	...	...	619	619	...	...	619	...	...	...
Painters (construction), paperhangers, & glaziers.....	420	414	6	...	235	41	143	1	343	330	12	1	225	5	113	...
Plasterers and cement finishers.....	95	86	9	...	71	7	17	...	81	74	7	...	54	5	22	...
Plumbers and pipe fitters.....	303	302	1	...	215	32	56	...	241	241	...	...	203	3	35	...
Printing craftsmen, exc. compositors & typesetters.....	91	91	...	...	85	2	3									

Table 77.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Occupation and sex	Lansing Standard Metropolitan Area								Saginaw Standard Metropolitan Area							
	Total, 14 years old and over	Race			Class of worker				Total, 14 years old and over	Race			Class of worker			
		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers		White	Negro	Other races	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers
Female, employed	19,625	19,205	410	10	12,753	5,553	1,194	125	14,049	13,422	619	8	11,453	1,410	928	258
Professional, technical, and kindred workers	3,065	3,051	13	1	1,157	1,789	117	2	1,851	1,837	14	...	947	831	72	1
Accountants and auditors.....	139	139	...	...	59	80	...	...	63	63	...	...	58	3	1	1
Actresses, dancers, and entertainers (n.e.c.).....	35	33	2	...	21	4	9	1	14	14	...	...	8	2	4	...
Artists and art teachers.....	22	22	...	...	8	11	3	...	8	8	...	...	2	4	2	...
Authors, editors, and reporters.....	34	34	...	...	23	7	4	...	10	10	...	...	8	...	2	...
Chemists and natural scientists (n.e.c.).....	65	65	...	...	10	55	...	...	2	2	...	...	1	1	...	...
College presidents, prof's, & instructors (n.e.c.).....	174	174	...	...	5	168	1	...	3	3	...	...	1	2	...	...
Designers and draftsmen.....	15	15	...	...	4	11	...	...	7	7	...	...	7	...	...	...
Dietitians and nutritionists.....	54	54	...	...	21	33	...	...	15	15	...	...	11	3	1	...
Lawyers and judges.....	8	7	1	...	3	4	1	...	1	1	...	...	1	...	...	...
Librarians.....	124	124	...	...	14	110	...	...	31	31	...	...	9	22	...	...
Musicians and music teachers.....	108	108	...	...	30	33	45	...	75	70	5	...	41	5	29	...
Nurses, professional.....	555	554	1	...	459	87	9	...	394	393	1	...	319	59	16	...
Nurses, student professional.....	191	191	...	...	191	...	...	...	203	203	...	...	194	9	...	...
Physicians and surgeons.....	18	18	...	...	4	6	8	...	3	3	...	...	2	...	1	...
Social scientists.....	22	22	...	...	6	15	...	1	2	2	...	...	2	...	...	...
Social, welfare, and recreation workers.....	88	87	1	...	29	59	...	...	43	41	2	...	16	27	...	...
Teachers (n.e.c.).....	1,037	1,034	3	...	134	897	6	...	834	828	6	...	165	666	3	...
Technicians, medical and dental.....	98	97	1	...	42	55	1	...	48	48	...	...	38	10	...	...
Therapists and healers (n.e.c.).....	22	22	...	...	9	9	4	...	6	6	...	...	4	1	1	...
Other professional, technical, and kindred workers.....	256	251	4	1	85	145	26	...	89	89	...	...	60	17	12	...
Farmers and farm managers	91	90	1	...	...	...	91	...	87	86	1	...	...	...	87	...
Managers, officials, & proprietors, exc. farm	534	527	7	...	219	75	237	3	560	548	12	...	232	24	303	1
Specified managers and officials.....	143	143	...	...	82	53	7	1	89	86	3	...	66	18	5	...
Managers, officials, & propr's (n.e.c.)—salaried.....	159	156	3	...	137	22	...	...	172	169	3	...	166	6	...	...
Wholesale and retail trade.....	66	65	1	...	66	...	...	...	97	95	2	...	95	2	...	...
Other industries (incl. not reported).....	93	91	2	...	71	22	...	...	75	74	1	...	71	4	...	...
Mgrs., officials, & propr's (n.e.c.)—self-employed.....	232	228	4	...	...	...	230	2	299	293	6	...	...	...	298	1
Eating and drinking places.....	57	56	1	...	...	...	56	1	87	84	3	...	...	...	87	...
Wholesale & retail trade, exc. eating & drinking pl.....	117	115	2	...	...	...	116	1	148	145	3	...	...	...	147	1
Other industries (incl. not reported).....	58	57	1	...	...	...	58	...	64	64	...	...	...	...	64	...
Clerical and kindred workers	7,649	7,608	39	2	4,415	3,057	156	21	3,689	3,669	20	...	3,210	384	70	25
Bookkeepers.....	859	858	1	...	610	172	68	9	584	583	1	...	529	21	28	6
Cashiers.....	311	311	...	...	265	32	14	...	185	184	1	...	171	7	5	2
Stenographers, typists, and secretaries.....	3,583	3,569	13	1	1,775	1,781	24	3	1,084	1,081	3	...	933	140	11	5
Telephone operators.....	440	440	...	...	348	91	...	...	298	298	...	...	293	5	...	...
Other clerical and kindred workers.....	2,456	2,430	25	1	1,417	981	49	9	1,533	1,523	10	...	1,284	211	26	12
Sales workers	2,039	2,028	11	...	1,738	22	259	20	1,644	1,628	14	2	1,467	1	124	52
Insurance and real estate agents and brokers.....	63	63	...	...	44	...	19	...	29	29	...	...	20	...	8	1
Other specified sales workers.....	49	46	3	...	34	5	10	...	38	37	1	...	36	...	2	...
Salesmen and sales clerks (n.e.c.), retail trade.....	1,862	1,856	6	...	1,624	4	215	19	1,505	1,491	12	2	1,348	1	106	50
Salesmen and sales clerks (n.e.c.), exc. retail trade.....	65	63	2	...	36	13	15	1	72	71	1	...	63	...	8	1
Craftsmen, foremen, and kindred workers	301	296	5	...	247	21	32	1	237	221	16	...	205	4	26	2
Foremen (n.e.c.).....	23	23	...	...	19	4	...	...	36	36	...	...	35	1	...	...
Other craftsmen and kindred workers.....	278	273	5	...	228	17	32	1	201	185	16	...	170	3	26	2
Operatives and kindred workers	1,663	1,616	47	...	1,533	48	78	4	2,337	2,172	163	2	2,244	28	58	7
Dressmakers and seamstresses, except factory.....	156	154	2	...	98	8	50	...	145	144	1	...	109	4	31	1
Laundry and dry cleaning operatives.....	331	324	7	...	300	18	12	1	303	219	84	...	288	7	6	2
Spinners and weavers, textile.....	1	1	...	...	1	...	...	...	6	6	...	...	4	...	2	...
Other specified operatives and kindred workers.....	121	115	6	...	104	7	7	3	124	111	13	...	111	3	7	3
Operatives and kindred workers (n.e.c.).....	1,054	1,022	32	...	1,030	15	9	...	1,759	1,692	65	2	1,732	14	12	1
Manufacturing.....	983	951	32	...	977	...	6	...	1,630	1,566	62	2	1,621	...	9	...
Durable goods.....	884	852	32	...	880	...	4	...	1,250	1,188	60	2	1,247	...	3	...
Metal industries.....	32	31	1	...	31	...	1	...	234	186	48	...	234	...	...	...
Machinery, including electrical.....	45	45	...	...	45	...	...	...	386	386	...	...	386	...	...	...
Other durable goods.....	807	776	31	...	804	...	3	...	630	616	12	2	627	...	3	...
Nondurable goods.....	97	97	...	...	95	...	2	...	367	366	1	...	361	...	6	...
Food and kindred products.....	49	49	...	...	47	...	2	...	248	247	1	...	248	...	...	...
Knitting mills.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Textile mill products, except knitting.....	9	9	...	...	9	...	...	...	5	3	...	...	2	...	1	...
Apparel & other fabricated textile products.....	9	9	...	...	9	...	...	...	70	70	...	...	65	...	5	...
Leather and leather products.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other nondurable goods.....	30	30	...	...	30	...	...	...	46	46	...	...	46	...	...	...
Not specified manufacturing industries.....	2	2	...	...	2	...	...	...	13	12	1	...	13	...	...	...
Nonmanufacturing industries (incl. not rptd.).....	71	71	...	...	53	15	3	...	129	126	3	...	111	14	3	1
Private household workers	765	647	115	3	738	...	24	3	921	796	123	2	898	...	26	7
Private household workers—living in.....	186	171	13	2	184	...	...	2	166	159	7	...	162	...	2	2
Private household workers—living out.....	579	476	102	1	554	...	24	1	755	637	116	2	726	...	24	5
Service workers, except private household	2,807	2,657	147	3	2,082	522	192	11	2,110	1,911	197	2	1,788	134	161	27
Attendants, hospital and other institution.....	128	125	3	...	105	23	...	...	157	147	10	...	124	33	...	...
Barbers, beauticians, and manicurists.....	206	195	11	...	117	1	86	2	169	151	18	...	81	1	87	...
Charwomen, janitors, and porters.....	166	144	22	...	127	37	...	2	180	154	26	...	135	41	3	1
Cooks, except private household.....	306	287	19	...	213	74	19	...	222	199	23	...	196	17	4	5
Housekeepers & stewards, exc. private household.....	217	206	11	...	104	113	...	...	63	60	3	...	57	5	...	1
Practical nurses and midwives.....	150	149	1	...	123	19	8	...	133	132	...	1	115	6	12	...
Waitresses, bartenders, and counter workers.....	999	982	16	1	876	82	35	6	787	753	34	...	725	3	45	14
Other service workers, except private household.....	635	569	64	2	417	173	44	1	399	315	83	1	355	28	10	6
Farm laborers and foremen	98	96	2	...	28	6	5	59	187	187	...	...	53	...	...	134
Farm laborers, unpaid family workers.....	59	59	...	...	...	...	...	59	134	134	...	...	...	...	...	134
Farm laborers, except unpaid, and farm foremen.....	39	37	2	...	28	6	5	...	53	53	...	...	53	...	...	...
Laborers, except farm and mine	55	47	8	...	41	10	3	1	221	175	46	...	218	1	1	1
Occupation not reported	598	542	15	1	555	3	205	192	13	...	201	3	...	1

DETAILED CHARACTERISTICS

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Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Worked in 1949 — Percent with 50 to 52 weeks		
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over			Median income (dol.)	
THE STATE																			
Male, exp. civ. labor force...	1,852,235	1,708,290	172,885	97,280	108,900	170,540	216,605	307,960	196,455	137,640	81,045	100,960	41,625	40,220	36,175	3,143	85,070	63.5	
Profess'l, techn'l, kindred wkrs.	126,015	116,115	5,210	4,355	4,565	6,300	7,565	11,600	11,610	11,705	9,860	15,740	8,145	10,115	9,345	4,293	7,760	75.1	
Accountants and auditors.....	14,125	13,250	315	250	380	460	775	1,550	1,885	1,915	1,360	1,810	1,010	970	570	4,264	755	85.2	
Architects.....	975	895	30	30	30	20	50	45	40	35	45	115	90	170	195	6,083	65	80.1	
Artists and art teachers.....	1,965	1,840	110	90	125	135	110	160	195	155	160	235	110	165	90	3,987	95	73.6	
Authors, editors, and reporters.....	2,260	2,120	115	95	75	70	70	165	170	150	140	360	205	320	185	5,028	105	82.3	
Chemists.....	2,720	2,545	60	50	75	115	150	300	345	315	230	425	190	210	80	4,282	115	84.7	
Clergymen.....	5,505	5,055	440	585	470	855	730	845	490	235	135	150	40	60	20	2,622	195	88.6	
College pres., prof'rs, instr's (n.e.c.).....	3,975	3,670	140	245	165	175	200	230	320	335	380	525	390	425	140	4,533	255	52.0	
Dentists.....	2,650	2,420	60	45	60	65	30	85	60	135	80	240	185	570	805	7,868	205	68.4	
Designers and draftsmen.....	9,785	9,265	330	240	270	545	760	1,145	1,185	1,235	935	1,400	615	500	105	4,064	320	75.8	
Engineers, aeronautical.....	220	210	10	10	10	...	5	10	25	15	10	50	15	35	15	...	10	...	
Engineers, civil.....	3,650	3,400	95	90	75	150	175	335	310	305	340	645	325	365	190	4,743	205	80.7	
Engineers, electrical.....	3,935	3,745	80	50	55	115	210	380	350	365	475	620	465	425	155	4,782	145	86.6	
Engineers, mechanical.....	8,955	8,445	205	165	245	205	345	525	715	890	895	1,635	885	1,145	670	5,080	415	81.3	
Other technical engineers.....	9,685	8,960	165	140	140	225	225	505	720	1,010	955	1,860	1,075	1,195	745	5,212	640	85.3	
Lawyers and judges.....	4,905	4,230	145	135	65	100	130	155	210	260	175	575	390	615	1,335	6,500	625	86.7	
Musicians and music teachers.....	3,070	2,825	450	225	210	240	230	250	260	195	255	90	120	50	3,115	140	43.0		
Natural scientists (n.e.c.).....	1,375	945	125	45	40	85	40	115	100	55	60	80	55	60	45	4,424	410	66.1	
Pharmacists.....	3,460	3,170	120	95	85	175	245	245	185	205	135	145	315	265	805	2,695	8,947	575	78.8
Physicians and surgeons.....	6,610	5,955	275	240	200	265	225	45	50	60	90	55	125	75	60	30	4,485	65	75.0
Social scientists.....	760	695	15	10	40	45	40	50	60	90	55	125	75	60	30	2,324	100	71.4	
Social, welfare, & recreation workers.....	1,845	1,430	160	70	75	135	158	185	158	195	115	75	35	50	25	2,305	35	69.9	
Surveyors.....	610	560	45	30	40	80	105	110	80	25	15	15	15	...	...	2,905	35	69.9
Teachers (n.e.c.).....	10,520	9,985	340	330	430	560	845	1,410	1,140	1,370	1,125	1,520	450	375	90	3,973	375	42.0	
Technicians, medical and dental.....	1,265	1,190	95	60	80	155	140	210	160	95	80	50	30	15	20	3,155	50	80.9	
Other profess'l, tech., kindred wkrs.	21,490	19,310	1,285	1,070	1,125	1,325	1,640	2,350	2,165	1,850	1,460	2,105	985	1,080	870	3,699	1,655	73.2	
Farmers and farm managers.....	108,375	94,855	27,070	16,010	13,250	11,660	7,965	6,155	3,660	2,630	1,355	2,155	1,335	1,305	705	1,664	6,975	88.9	
Mgrs., off., & propr's, exc. farm.	162,780	147,045	7,370	5,150	5,815	8,880	9,990	15,270	13,030	12,765	9,460	17,850	9,980	13,625	17,860	4,314	12,680	84.0	
Offs. & inspectors, State & local.....	4,275	4,075	240	130	160	305	345	710	585	440	285	365	190	130	130	3,626	180	85.2	
Other specified managers & officials.....	16,295	15,030	360	345	380	515	875	1,385	1,750	1,980	1,250	2,355	1,275	1,235	1,025	4,477	1,095	83.1	
Mgrs., off., props. (n.e.c.)—salaried.....	61,080	56,475	1,475	1,120	1,240	2,205	2,975	5,070	5,085	5,485	4,325	8,135	4,690	6,680	7,590	4,868	3,875	86.9	
Manufacturing.....	20,015	18,500	260	205	240	285	455	5,470	1,220	1,430	1,330	2,880	1,815	3,225	4,125	5,970	1,380	90.1	
Wholesale and retail trade.....	20,850	19,465	660	520	605	1,065	1,845	2,530	2,185	2,275	1,485	2,330	1,165	1,590	1,550	4,137	1,120	87.3	
Finance, insurance, & real estate.....	4,725	4,300	40	25	40	145	170	325	315	355	360	760	410	590	805	5,493	385	91.3	
Other industries (incl. not rptd.).....	15,490	14,210	515	370	390	710	805	1,550	1,365	1,425	1,150	2,165	1,300	1,355	1,110	4,491	990	80.7	
Mgr. off. prop. (n.e.c.)—self-employed.....	81,130	71,495	5,295	3,555	4,035	5,855	5,795	7,705	5,610	4,860	3,330	6,995	3,825	5,520	9,115	3,813	7,530	81.3	
Construction.....	8,465	7,490	435	315	435	500	505	735	675	480	390	780	390	645	1,155	4,099	790	61.3	
Manufacturing.....	8,340	7,195	410	275	270	400	385	555	390	410	265	745	440	790	1,920	5,319	855	83.9	
Wholesale trade.....	6,090	5,295	475	225	225	325	325	485	360	295	180	580	255	495	1,070	4,386	640	83.5	
Eating and drinking places.....	7,995	7,040	540	435	490	605	620	685	540	475	360	690	460	630	510	3,634	710	83.1	
Retail trade, exc. ent'g & drink'g.....	35,355	31,290	2,370	1,560	1,805	2,705	2,905	3,795	2,695	2,285	1,505	3,060	1,630	2,080	2,935	3,601	3,265	86.8	
Other industries (incl. not rptd.).....	14,885	13,185	1,065	745	810	1,270	1,055	1,490	950	915	630	1,140	650	940	1,525	3,383	1,270	79.1	
Clerical and kindred workers.....	117,450	111,015	7,595	4,140	5,160	9,700	16,275	24,740	18,575	10,395	5,380	5,265	1,620	1,330	840	3,255	4,045	72.3	
Bookkeepers.....	5,420	5,095	330	240	270	615	805	930	650	445	325	265	120	70	30	3,155	255	79.1	
Mail carriers.....	6,835	6,570	205	195	155	275	1,165	1,405	2,285	560	160	140	5	15	10	3,461	190	84.1	
Other clerical and kindred workers.....	105,195	99,350	7,065	3,705	4,735	8,810	14,305	22,405	15,640	9,390	4,895	4,860	1,495	1,245	800	3,247	3,600	71.2	
Sales workers.....	106,150	95,510	14,640	5,205	5,555	8,445	9,185	11,400	8,965	7,465	4,655	8,255	3,980	4,365	3,795	3,207	6,450	72.7	
Insurance agents and brokers.....	9,770	9,040	355	285	445	605	695	1,155	1,125	980	755	1,085	530	590	435	3,936	640	82.1	
Real estate agents and brokers.....	5,405	4,750	350	355	305	375	410	480	320	415	225	530	295	310	380	3,656	500	70.0	
Other specified sales workers.....	9,635	7,625	5,405	250	200	225	200	210	155	165	120	205	115	180	195	705	560	63.2	
Salesmen and sales clerks (n.e.c.).....	81,340	74,095	8,530	4,315	4,605	7,240	7,880	9,555	6,965	5,905	3,555	6,435	3,040	3,285	2,785	3,234	4,750	72.8	
Manufacturing.....	13,690	12,670	615	330	455	695	980	1,390	1,345	1,330	840	1,675	950	945	1,180	4,197	835	79.4	
Wholesale trade.....	14,460	13,370	565	400	485	970	1,220	1,840	1,690	1,375	945	1,615	730	795	740	3,857	945	79.3	
Retail trade.....	49,065	44,295	7,065	3,385	3,480	5,245	5,860	3,550	2,860	2,575	2,715	1,190	1,370	760	2,874	2,660	68.8		
Other industries (incl. not rptd.).....	4,165	3,260	285	200	185	330	440	465	380	340	195	430	170	175	165	3,473	310	72.9	
Craftsmen, foremen, kindred wkrs.	395,090	375,145	18,305	13,560	16,880	29,705	40,090	69,910	54,115	47,670	30,450	35,010	11,350	6,235	1,865	3,494	14,015	62.6	
Bakers.....	3,930	3,665	185	160	185	235	485	825	655	385	195	110	50	60	35	3,292	175	78.0	
Blacksmiths, forgemen, hammermen.....	3,190	3,025	80	125	240	320	630	600	465	405	200								

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Worked in 1949 Percent with 50 to 52 weeks	
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over			Median income (dol.)
THE STATE																		
Male—Con.																		
Operatives and kindred workers.....	538,495	510,005	33,620	24,475	32,690	59,495	88,060	131,365	67,830	35,940	15,890	13,220	4,040	2,290	1,090	3,063	17,220	51.9
Apprentices.....	6,020	5,490	840	395	560	875	895	990	410	240	105	100	45	30	5	2,542	230	52.4
Attendants, auto service & parking.....	11,030	9,820	2,260	1,025	1,025	1,540	1,575	1,190	535	315	120	130	30	55	20	2,195	530	57.7
Brakemen and switchmen, railroad.....	3,810	3,655	130	55	95	255	310	750	810	735	365	130	10	10	...	3,644	120	59.1
Bus drivers.....	6,490	6,210	260	270	265	415	435	1,195	1,055	1,160	715	420	15	...	5	3,626	195	70.9
Filers, grinders, & polishers, metal.....	33,080	31,770	1,300	1,060	1,370	2,595	4,810	9,380	5,930	3,070	1,110	875	155	70	45	3,253	825	47.5
Furnacemen, smeltermen, & heaters.....	5,945	5,670	270	255	370	645	990	1,660	700	390	135	170	55	15	15	3,092	175	45.4
Laundry and dry cleaning operatives.....	5,445	4,960	565	430	645	745	890	800	310	235	90	110	55	65	20	2,553	280	65.5
Meat cutters, exc. slaughter & pack.....	7,035	6,570	445	365	450	865	1,165	1,420	885	455	185	185	85	45	20	2,998	295	73.9
Mine operatives & laborers (n.e.c.).....	9,200	8,870	525	485	805	1,480	1,725	1,975	1,040	510	145	115	45	10	10	2,830	190	33.0
Motormen, street, subway, & elev. rwy.....	640	620	5	10	10	30	30	125	115	175	90	25	5	...	...	3,935	10	75.0
Painters, exc. const. & maintenance.....	10,290	9,745	515	495	565	1,085	1,685	2,450	1,435	850	335	240	55	15	20	3,108	335	49.1
Power station operators.....	1,265	1,230	15	10	30	65	175	220	195	235	160	90	20	10	...	3,756	20	88.2
Sailors and deck hands.....	1,815	1,550	215	180	165	285	255	185	115	80	35	20	10	5	...	2,377	170	22.8
Sawyers.....	2,865	2,715	345	240	410	505	470	410	190	95	25	25	...	...	...	2,359	80	50.6
Spinners and weavers, textile.....	360	310	45	15	30	55	30	45	40	10	20	10	5	...	5	...	30	...
Stationary firemen.....	6,085	5,800	225	215	325	650	750	1,400	890	780	340	175	65	15	5	3,263	210	69.0
Taxicab drivers and chauffeurs.....	7,730	7,240	730	705	865	1,275	1,285	1,230	575	295	130	60	40	45	25	2,518	280	51.7
Truck drivers and deliverymen.....	72,010	67,720	4,955	3,355	4,285	8,475	9,830	12,855	8,060	6,350	3,345	3,570	1,255	955	430	3,115	2,850	64.0
Welders and flame-cutters.....	30,060	28,835	1,205	1,015	1,225	2,590	4,880	7,735	4,670	2,540	1,000	965	200	95	55	3,184	780	46.1
Other spec. operat. & kindred wkrs.....	5,615	5,235	290	220	260	565	880	1,360	660	445	250	200	70	25	5	3,148	300	58.8
Operatives & kindred wkrs. (n.e.c.).....	311,705	295,990	18,480	13,675	18,635	34,140	54,995	83,990	39,250	16,975	7,205	5,595	1,820	825	405	3,048	9,315	49.1
Manufacturing.....	160,990	157,730	16,090	12,610	17,285	31,935	51,840	80,265	37,290	15,925	6,580	5,190	1,680	735	325	3,057	8,580	48.4
Durable goods.....	253,250	240,720	14,020	11,095	15,300	28,040	46,145	71,105	31,145	12,615	5,105	3,995	1,285	585	285	3,041	7,510	45.2
Saw & pl'g mills, misc. wood pr.....	4,105	3,855	645	500	605	775	580	435	150	95	35	15	10	5	...	2,115	80	46.0
Furniture and fixtures.....	6,135	5,730	525	465	600	1,160	1,150	990	435	240	70	65	25	5	...	2,550	250	56.5
Stone, clay, & glass products.....	3,730	3,530	265	175	295	380	710	805	440	265	125	45	15	5	5	2,958	135	60.5
Primary metal industries.....	15,985	15,155	975	705	960	2,070	2,670	3,980	2,000	985	375	260	135	25	15	3,025	445	49.5
Fab'd metal (incl. not spec.).....	14,090	13,400	920	745	960	1,700	2,580	3,785	2,595	365	260	80	45	20	20	2,956	360	51.9
Machinery, except electrical.....	27,290	25,910	1,660	1,360	1,855	2,920	4,275	6,620	3,670	1,820	895	500	230	85	20	3,067	900	55.8
Electrical mach'y, equip., sup.....	3,545	3,365	230	170	320	405	650	825	375	250	50	40	10	...	...	2,929	130	55.3
Motor vehicles & mr. veh. exc.....	172,030	163,825	8,355	6,615	9,245	17,715	32,440	52,780	21,800	7,890	3,040	2,660	715	375	195	3,071	4,930	41.2
Transp. equip., exc. motor veh.....	2,125	1,945	100	145	145	270	365	405	275	135	20	55	5	10	15	2,928	140	52.8
Other durable goods.....	4,215	4,005	345	215	295	645	725	890	405	200	130	95	30	20	10	2,847	140	59.4
Nondurable goods.....	36,850	35,280	1,870	1,385	1,810	3,630	5,390	8,220	5,965	3,235	1,445	1,150	380	165	35	3,202	995	69.9
Food and kindred products.....	10,860	10,360	795	580	655	1,235	1,615	2,330	1,565	790	310	275	125	65	20	3,064	320	68.7
Yarn, thread, & fabric mills.....	380	345	5	20	95	50	70	35	55	10	5	...	...	...	...	...	20	...
Knit'g, & other textile mill pr.....	640	605	65	55	35	85	150	125	35	15	25	10	5	...	...	2,708	20	59.7
Apparel & other fab'd text. pr.....	730	655	60	45	80	110	100	125	60	35	15	20	5	...	...	2,663	15	45.8
Paper and allied products.....	9,405	9,020	425	310	395	1,020	1,625	2,260	1,260	745	455	385	95	40	5	3,163	270	73.9
Chemicals and allied products.....	6,710	6,495	195	120	205	460	870	2,175	1,475	605	235	115	30	5	5	3,321	110	77.7
Leather and leather products.....	1,900	1,800	115	80	170	265	425	500	155	10	10	...	...	...	...	2,818	65	66.8
Other nondurable goods.....	6,225	6,000	210	175	175	405	535	1,270	1,160	985	390	335	125	30	5	3,585	175	62.8
Not specified mfg. industries.....	1,890	1,730	200	130	175	265	305	340	180	75	30	5	15	5	5	2,656	75	49.7
Nonmanufacturing (incl. not rptd.).....	19,715	18,260	2,390	1,065	1,350	2,205	3,155	3,725	1,960	1,050	625	445	140	70	80	2,836	735	59.9
Trans., commun., & other pub. util.....	5,055	4,815	255	120	235	520	945	1,400	680	285	185	145	35	15	...	3,119	135	72.2
Wholesale and retail trade.....	7,310	6,710	1,120	410	530	930	1,175	1,215	665	335	140	80	50	20	40	2,655	270	60.0
Other ind. (incl. not rptd.).....	7,350	6,735	1,015	535	585	755	1,035	1,110	615	300	225	55	35	40	20	2,731	330	50.9
Private household workers.....	2,100	1,810	720	295	235	235	140	70	55	...	45	5	5	...	5	1,314	100	49.9
Service wkrs., exc. priv. hshld.....	102,775	94,945	15,215	7,450	8,685	13,980	14,000	14,765	10,215	5,190	2,240	1,950	540	430	285	2,577	3,720	64.1
Barbers, beauticians, & manicurists.....	7,810	7,170	505	485	775	1,165	1,320	1,145	675	450	225	290	95	35	35	2,748	475	72.5
Charwomen, janitors, and porters.....	30,130	28,040	4,415	2,640	3,280	5,715	5,340	4,050	1,475	550	200	25	35	20	3,322	975	60.3	
Cooks, except private household.....	6,150	5,670	775	605	695	770	770	840	480	305	100	180	65	75	10	2,494	285	56.0
Elevator operators.....	1,785	1,700	180	120	130	280	415	335	155	25	30	5	5	...	...	2,669	25	65.5
Firemen, fire protection.....	4,260	4,150	15	10	60	185	340	1,190	1,190	705	225	150	35	10	...	3,616	85	92.4
Guards and watchmen.....	12,025	11,545	550	475	615	1,395	1,895	2,705	1,805	995	650	400	20	...	...	3,156	305	77.2
Policemen, sheriffs, and marshals.....	9,085	8,860	215	140	200	465	885	2,050	2,860	1,205	435	265	75	45	20	3,583	180	86.2
Waiters, bartenders, & counter wkrs.....	12,525	11,500	1,795	945	1,185	1,670	1,655	1,640	985	635	225	370	155	120	120	2,547	535	59.7
Other service wkrs., exc. priv. hshld.....	19,005	16,310	6,765	2,030	1,745	2,335	1,380	810	595	315	75	105	45	50	60	1,342	855	45.1
Farm laborers and foremen.....	37,935	26,670	14,985	3,700	2,895	2,075	1,300	865	325	180	100	75	60	70	40	890	2,280	60.7
Farm laborers, unpaid family wkrs.....	12,135	5,300	3,955	580	315	175	115	85	20	20	5	...	20	10	...			

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income													Income not reported	Worked in 1949 Percent with 50 to 52 weeks		
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999			\$10,000 and over	Median income (dol.)
DETROIT																		
Male, exp. civ. labor force.....	930,920	868,110	56,815	33,210	40,370	72,160	107,180	173,305	112,365	82,830	49,235	64,725	26,945	25,775	23,195	3,359	38,910	59.6
Profess'l, techn'l, kindred wkrs.:	69,645	63,960	2,465	1,720	1,770	2,620	3,125	5,210	6,145	6,530	5,665	10,220	5,505	6,920	6,065	4,711	4,460	77.3
Accountants and auditors.....	9,045	8,545	190	115	220	305	400	870	1,190	1,215	845	1,245	760	735	455	4,404	440	85.7
Architects.....	650	585	15	15	25	15	25	5	20	35	95	70	120	130	6,393	55	77.6	
Artists and art teachers.....	1,475	1,375	95	60	100	85	70	120	100	105	215	85	160	90	4,338	75	73.8	
Authors, editors, and reporters.....	1,365	1,300	45	35	15	20	20	90	115	110	60	205	145	295	145	5,683	40	86.6
Chemists.....	1,345	1,285	35	15	30	50	65	145	170	140	140	270	100	75	50	4,473	50	82.5
Clergymen.....	1,920	1,690	190	185	130	245	190	270	190	75	55	85	20	50	5	2,750	105	91.6
College pres., prof'rs, instr's (n.e.c.).....	995	850	25	60	25	25	60	80	80	70	125	90	120	50	4,714	115	52.3	
Dentists.....	1,375	1,245	20	15	20	20	35	20	75	25	140	95	280	475	4,420	115	69.9	
Designers and draftsmen.....	6,715	6,345	200	145	170	270	435	620	750	735	1,135	520	425	65	4,333	220	74.2	
Engineers, aeronautical.....	125	115	...	5	...	...	...	10	5	...	25	15	25	15	...	10	...	
Engineers, civil.....	1,935	1,795	50	30	40	55	105	110	140	135	185	335	220	250	140	5,142	115	78.9
Engineers, electrical.....	2,275	2,170	50	20	15	50	90	185	155	195	245	405	305	330	125	5,198	80	87.2
Engineers, mechanical.....	6,405	6,005	150	85	145	105	140	300	425	620	620	1,245	705	950	515	5,331	320	81.6
Other technical engineers.....	6,080	5,680	95	65	60	150	115	210	415	595	575	1,190	750	920	540	5,471	390	86.0
Lawyers and judges.....	3,220	2,765	90	70	35	55	95	95	130	165	105	365	240	425	935	6,906	425	87.4
Musicians and music teachers.....	1,790	1,665	220	95	75	145	130	160	155	150	125	195	75	100	40	3,524	75	47.1
Natural scientists (n.e.c.).....	615	305	30	5	...	30	50	50	50	5	15	20	10	30	10	...	295	...
Pharmacists.....	1,815	1,665	75	30	35	90	105	140	130	130	160	290	140	220	120	4,805	90	88.1
Physicians and surgeons.....	3,510	3,175	140	95	100	155	95	115	120	75	175	135	435	1,460	9,120	290	81.6	
Social scientists.....	505	465	5	5	5	30	15	15	40	75	35	105	60	50	25	...	40	...
Soc'nl, woflars, & recreation workers.....	865	800	75	40	20	60	75	85	100	140	95	55	20	15	20	3,725	50	71.2
Surveyors.....	245	230	10	15	15	15	30	50	50	10	10	10	15	...	...	10	...	
Teachers (n.e.c.).....	4,370	4,115	180	120	120	150	195	355	330	495	535	1,000	315	250	70	4,605	170	38.8
Technicians, medical and dental.....	690	650	45	35	40	55	75	105	105	70	55	25	10	10	20	3,357	25	81.3
Other profess'l, tech., kindred wkrs.....	10,315	9,140	435	360	305	440	600	1,030	1,150	975	760	1,265	605	650	565	4,128	900	76.0
Farmers and farm managers.....	4,940	4,225	1,025	565	405	465	365	290	215	155	120	215	100	215	90	2,126	370	86.3
Mgrs., ofs., & propr's, exc. farm.....	84,220	76,535	3,265	2,025	2,240	3,635	4,240	7,120	6,055	6,830	5,155	10,205	6,060	8,265	11,440	4,777	6,120	84.4
Ofs. & inspectors, State & local.....	1,730	1,680	35	10	45	50	60	250	250	285	195	235	115	100	50	4,246	65	85.5
Other specified managers & officials.....	8,740	8,085	140	160	160	170	340	670	800	1,015	890	1,355	860	795	725	4,827	585	85.2
Mgrs., ofs., props. (n.e.c.)—salaried.....	32,760	30,525	700	490	540	1,000	1,265	2,410	2,290	2,910	2,265	4,630	2,435	4,160	5,030	5,301	1,860	86.3
Manufacturing.....	11,415	10,705	130	90	115	145	210	470	555	760	705	1,580	1,150	2,030	2,765	6,515	645	89.6
Wholesale and retail trade.....	10,560	9,915	300	210	240	445	625	1,110	1,025	1,245	775	1,320	690	925	1,005	4,403	510	86.8
Finance, insurance, & real estate.....	2,560	2,355	30	10	30	50	75	140	140	190	205	420	225	365	475	5,732	175	90.7
Other industries (incl. not rpt'd.).....	8,225	7,550	240	180	155	360	355	690	570	715	580	1,310	770	840	785	4,940	530	79.4
Mgr. off., prop. (n.e.c.)—self-employed.....	40,970	36,245	2,390	1,365	1,495	2,415	2,575	3,790	2,710	2,620	1,805	3,985	2,250	3,210	5,635	4,264	3,610	82.5
Construction.....	4,885	4,395	175	140	175	215	250	435	385	275	245	530	245	435	890	4,801	405	64.7
Manufacturing.....	4,505	3,885	230	80	110	125	170	260	170	250	140	435	275	450	1,190	5,937	445	87.5
Wholesale trade.....	3,400	2,995	245	95	95	180	155	235	190	150	85	375	180	320	690	5,180	310	84.3
Eating and drinking places.....	4,290	3,770	275	230	245	270	290	355	260	260	195	380	280	395	335	3,923	375	83.5
Retail trade, exc. eat'g & drink'g.....	16,125	14,365	1,015	590	580	1,045	1,205	1,790	1,200	1,200	755	1,605	870	1,030	1,520	3,916	1,440	86.7
Other industries (incl. not rpt'd.).....	7,695	6,835	450	270	290	580	505	715	505	485	385	660	400	580	1,010	4,106	635	80.8
Clerical and kindred workers.....	70,890	67,190	4,045	2,215	2,895	5,120	9,000	15,555	11,645	6,805	3,770	3,695	1,145	955	545	3,332	2,205	70.2
Bookkeepers.....	2,225	2,130	145	75	120	180	260	410	310	210	160	155	45	35	25	3,348	70	75.7
Mail carriers.....	3,355	3,215	105	75	90	145	710	755	995	240	60	40	...	...	...	3,320	90	81.6
Other clerical and kindred workers.....	65,310	61,845	3,795	2,065	2,685	4,795	8,030	14,390	10,340	6,350	3,350	3,500	1,100	920	520	3,332	2,045	69.4
Sales workers.....	55,440	49,840	6,765	2,280	2,230	3,515	4,105	5,755	4,620	4,270	2,705	5,355	2,555	2,955	2,730	3,529	3,275	73.0
Insurance agents and brokers.....	5,075	4,710	180	100	140	285	365	625	615	465	445	625	275	310	280	4,048	305	81.5
Real estate agents and brokers.....	3,220	2,810	180	150	180	235	260	270	175	255	130	350	215	175	235	3,871	325	71.6
Other specified sales workers.....	5,240	4,060	2,755	160	85	110	110	110	90	60	85	125	85	140	145	737	310	62.6
Salesmen and sales clerks (n.e.c.).....	41,905	38,260	3,650	1,870	1,825	2,885	3,370	4,750	3,740	2,645	4,255	1,980	2,330	2,070	3,604	2,335	73.1	
Manufacturing.....	8,850	8,280	345	190	255	400	495	805	845	890	575	1,180	650	750	900	4,562	490	80.7
Wholesale trade.....	7,715	7,195	275	180	220	430	545	870	845	760	520	1,020	445	510	575	4,153	435	79.7
Retail trade.....	22,985	20,670	2,875	1,400	1,255	1,930	2,140	2,855	1,825	1,655	800	1,730	775	935	495	3,129	1,230	67.6
Other industries (incl. not rpt'd.).....	2,355	2,115	155	100	95	125	190	220	225	185	150	325	110	135	100	3,883	180	74.2
Craftsmen, foremen, kindred wkrs.....	213,260	203,465	6,980	5,130	6,075	11,545	17,165	37,235	31,000	30,510	19,770	24,175	8,100	4,490	1,290	3,784	6,745	60.4
Bakers.....	2,035	1,935	60	60	75	90	195	480	395	285	150	75	30	25	15	3,509	55	76.9
Blacksmiths, forgemen, hammermen.....	1,610	1,545	85	20	45	90	145	310	245	245	110	210	20	10	10	3,658	50	50.3
Boilermakers.....	355	335	15	...	...	...	25	40	70	80	50	40	...	...	...	...	15	...
Cabinetmakers and patternmakers.....	3,460	3,300	150	90	85	175	240	525	400	590	360	510	90	60	25	3,981	105	51.8
Carpenters.....	12,915	12,150	875	595	785	1,130	1,280	2,190	1,7									

DETAILED CHARACTERISTICS

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

(Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500)

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Percent with 50 to 52 weeks	Worked in 1949		
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$10,000 and over				Median income (dol.)	
DETROIT																				
Male—Con.																				
Operatives and kindred workers.	295,030	280,625	14,515	10,440	14,755	28,735	49,145	79,115	39,470	21,270	9,665	8,485	2,695	1,425	620	3,144	8,330	46.3		
Apprentices	3,630	3,325	480	240	325	455	525	685	240	175	85	75	20	15	5	2,655	120	50.1		
Attendants, auto service & parking	4,580	4,065	800	380	390	555	665	660	280	160	45	75	15	5	5	2,417	200	55.0		
Brakemen and switchmen, railroad	1,710	1,650	50	10	40	105	185	345	410	310	140	45	5	5	3,610	40	95.0			
Bus drivers	4,210	4,030	40	40	65	145	165	625	820	1,060	690	400	15	5	4,054	120	74.5			
Filters, grinders, & polishers, metal	20,735	19,995	645	515	730	1,505	3,005	6,415	3,845	1,880	750	545	85	45	30	3,280	440	42.0		
Furnacemen, smeltormen, & heaters	3,640	3,475	100	105	160	340	600	1,085	485	290	95	135	50	15	15	3,199	100	38.4		
Laundry and dry cleaning operatives	3,095	2,815	315	230	360	435	460	195	130	55	70	35	55	10	2,573	165	62.8			
Meat outters, exc. slaughter & pack.	3,260	3,050	220	130	175	285	405	665	520	280	140	125	50	45	3,233	125	72.1			
Mine operatives & laborers (n.e.c.)	500	460	30	20	35	55	50	95	45	55	35	30	10	5	4,000	10	76.3			
Motormen, street, subway, & elev. rwy.	590	570	...	10	10	30	30	95	110	170	85	25	5	5	4,204	165	41.7			
Painters, exc. const. & maintenance	5,285	5,045	200	180	215	435	850	1,575	860	435	140	105	25	15	10	4,224	5	88.5		
Power station operators	545	540	5	...	...	...	35	45	120	145	120	45	15	10	...	2,395	55	14.7	
Sailors and deck hands	625	550	70	65	65	95	75	75	45	30	20	5	5	...	3,129	15	51.3			
Sawyers	605	580	30	5	45	70	100	155	105	50	10	10	...	...	...	...	10	...	
Spinners and weavers, textile	75	50	5	...	...	...	5	10	10	5	5	5	...	...	...	...	10	...	
Stationary firemen	2,710	2,615	75	65	70	220	285	650	480	165	115	25	10	5	3,456	70	69.9			
Taxicab drivers and chauffeurs	5,370	5,060	395	410	545	950	1,000	955	411	210	75	50	25	10	2,615	190	51.8			
Truck drivers and deliverymen	34,710	32,725	1,350	1,205	1,395	2,795	3,965	6,975	4,560	4,005	2,000	2,215	895	545	220	3,362	1,250	61.0		
Welders and flame-outters	19,110	18,380	620	570	950	1,900	3,405	5,130	2,825	1,475	615	640	125	50	15	3,168	415	39.4		
Other spec. operat. & kindred wkrs.	3,030	2,830	140	75	105	235	360	840	420	295	135	160	40	20	5	3,298	170	57.0		
Operatives & kindred wkrs. (n.e.c.)	176,995	168,815	8,345	6,185	9,075	18,120	33,970	51,510	23,715	9,935	4,300	3,610	1,245	530	275	3,094	4,645	42.3		
Manufacturing	166,895	159,470	7,365	5,805	8,555	17,145	31,435	49,480	21,515	9,190	3,855	3,275	1,140	485	225	3,095	4,340	41.1		
Durable goods	152,400	145,565	6,815	5,435	8,115	16,085	29,870	45,925	18,440	7,475	3,150	2,730	910	405	210	3,070	4,055	39.0		
Saw & pl'g mills, misc. wood pr.	655	600	60	35	80	75	90	110	65	40	25	15	...	...	...	2,778	10	47.2	
Furniture and fixtures	970	920	60	50	30	80	80	120	20	40	10	10	10	10	...	2,719	25	51.7		
Stone, clay, & glass products	1,540	1,475	110	70	115	120	230	350	190	185	60	35	...	...	...	3,132	55	43.2	
Primary metal industries	7,920	7,560	335	280	370	790	1,330	2,160	1,185	585	235	200	95	20	15	3,166	145	50.1		
Fab'd metal (incl. not spec.)	7,710	7,435	410	320	425	855	1,280	2,075	1,010	485	265	195	60	40	15	3,105	275	58.4		
Machinery, except electrical	10,625	10,160	370	345	475	730	1,270	2,880	1,820	1,085	560	375	170	65	15	3,328	145	57.7		
Electrical mach'y, equip., sup.	1,265	1,210	45	30	70	80	200	370	185	155	30	20	20	5	...	3,243	35	56.7		
Motor vehicles & auto. veh. eqp.	119,720	114,325	5,280	4,210	6,475	13,155	25,125	37,205	13,635	4,685	1,865	1,760	530	260	140	3,039	3,225	35.4		
Transp. equip., exc. motor veh.	790	735	25	25	50	50	80	200	150	90	10	40	5	5	3,344	50	61.0			
Other durable goods	1,605	1,555	120	70	25	190	185	455	180	125	90	80	20	5	10	3,206	30	61.2		
Non-durable goods	13,995	13,185	500	320	405	920	1,455	3,390	2,960	1,685	685	545	220	80	10	3,440	250	66.1		
Food and kindred products	4,500	4,335	225	165	150	355	485	1,065	875	495	190	185	90	45	10	3,370	85	66.8		
Yarn, thread, & fabric mills	145	135	5	...	20	5	90	15	10	...	...	...	...	...	...	...	10	...	
Knit'g. & other textile mill pr.	265	255	15	15	20	40	55	40	15	5	5	5	...	...	...	...	5	...	
Apparel & other fab'd text. pr.	345	295	15	25	35	40	60	50	25	20	10	10	...	...	...	3,306	20	65.4	
Paper and allied products	730	685	40	5	25	65	85	200	110	105	35	10	5	...	...	3,383	50	77.3	
Chemicals and allied products	3,425	3,315	100	50	80	200	365	1,125	885	300	125	65	15	5	...	...	...	5	...
Leather and leather products	190	175	15	...	...	...	10	50	20	15	...	5	...	...	...	...	...	5	...
Other non-durable goods	4,095	3,990	85	60	70	215	265	845	1,000	735	320	265	110	20	...	3,728	75	59.2		
Not specified mfg. industries	800	720	50	50	35	130	110	165	115	30	20	...	...	...	...	5,932	35	44.0	
Nonmanufacturing (incl. not rptd.)	10,100	9,345	980	380	520	975	1,535	2,030	1,200	745	445	335	105	45	50	3,070	305	59.3		
Trans. commun., other pub. util.	2,385	2,280	105	50	70	235	390	585	400	195	125	115	20	10	...	3,265	40	72.6		
Wholesale and retail trade	3,790	3,450	470	180	220	405	555	770	410	215	95	65	40	10	15	2,905	110	57.4		
Other ind. (incl. not rptd.)	3,925	3,615	405	150	230	355	590	675	390	335	225	155	45	25	35	3,057	155	52.9		
Private household workers	1,100	955	320	160	105	150	95	40	50	...	20	5	5	...	5	1,492	70	54.3		
Service wkrs., exc. priv. hshld.																				
Barbers, beauticians, & manicurists	4,060	3,780	275	230	330	370	670	600	390	265	150	160	85	40	15	2,862	210	70.4		
Charwomen, janitors, and porters	16,355	15,080	1,885	1,325	1,530	2,830	3,020	2,740	1,025	345	195	125	20	30	10	2,495	550	57.6		
Cooks, except private household	3,605	3,295	360	330	380	450	430	520	295	225	75	120	50	50	5	2,647	190	56.5		
Elevator operators	1,235	1,190	105	85	75	190	305	240	125	10	25	20	5	5	...	2,730	20	63.2		
Firemen, fire protection	2,405	2,350	5	35	70	405	890	590	175	110	30	25	...	3,862	40	92.1	
Guards and watchmen	6,460	6,270	220	160	245	515	820	1,780	1,230	630	385	245	25	15	...	3,330	125	80.6		
Policemen, sheriffs, and marshals	5,925	5,800	65	45	60	150	325	1,060	2,400	1,035	355	215	55	30	15	3,751	105	86.5		
Waiters, bartenders, & counter wkrs.	6,885	6,380	785	385	580	835	835	1,045	765	420	155	290	120	70	95	2,862	255	59.5		
Other service wkrs., exc. priv. hshld.	9,180	7,815	2,685	925	915	1,150	755	500	490	185	55	65	25	20	45	1,663	430	47.0		
Farm laborers and foremen	3,250	2,480	880	265	265	310	205	240	120	60	25	35	25	30	20	1,679	315	66.9		
Farm laborers, unpaid family wkrs.	490	255	145	30	25	30	5	5	...	5	...	5	...	...	...	...	40	...	
Farm labor., exc. unpaid, & foremen	2,760	2,225	735	235	240	280	200	235	115	60	20	35	20	30	20	1,797	275	66.9		
Laborers, except farm and mine	61,915	56,450	7,485	3,965	4,570	8,005	11,155	12,390	4,775	2,115	820	695	225	145	105	2,688	2,555	40.7		
Fishermen and oystermen	30	30	10	...																

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 78. "N.e.a." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income															Income not reported	Worked in 1949 — Percent with 50 to 52 weeks
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over	Median income (dol.)		
DETROIT																		
Female, exp. civ. labor force...	330,455	282,690	64,500	33,030	39,375	52,645	43,620	26,090	8,965	5,090	3,865	2,645	1,050	930	885	2,042	14,555	53.7
Profess', techn'l, kindred wkrs...	35,750	30,295	5,180	2,020	1,955	3,405	4,215	4,495	2,560	2,175	2,570	1,125	285	205	105	2,807	2,090	42.9
Accountants and auditors.....	1,485	1,385	100	45	115	310	260	240	125	70	60	35	10	5	...	2,736	70	81.1
Actresses, dancers, entert. (n.e.c.)...	485	370	110	35	50	50	20	50	15	20	5	10	...	5	...	...	90	...
Artists and art teachers.....	605	550	90	55	10	45	55	80	55	50	55	40	...	15	...	3,125	15	39.1
Authors, editors, and reporters.....	465	405	115	35	30	30	25	50	40	25	25	20	5	5	...	...	25	...
Chemists & natural scientists (n.e.c.)...	280	180	15	10	10	40	25	50	15	5	10	...	...	...	...	...	90	...
College pres., prof'rs, instr's (n.e.c.)...	335	235	25	20	5	15	15	60	15	35	10	10	15	5	5	...	40	...
Designers and draftsmen.....	335	265	15	15	50	55	55	55	10	10	...	...	...	...	...	...	60	...
Dietitians and nutritionists.....	460	380	55	65	50	25	50	60	25	10	20	15	5	...	...	...	30	...
Lawyers and judges.....	155	130	15	5	15	10	...	15	10	15	10	15	10	10	...	...	25	...
Librarians.....	875	785	90	60	25	65	95	125	110	75	65	60	5	10	...	3,230	65	62.3
Musicians and music teachers.....	1,465	1,250	455	185	80	110	95	85	85	40	75	15	10	15	...	1,459	55	25.3
Nurses, professional.....	7,860	7,040	880	475	620	1,280	1,340	1,460	510	305	75	55	20	5	15	2,599	355	58.0
Nurses, student professional.....	1,025	440	355	30	15	25	5	10	...	...	...	...	...	...	...	...	30	23.1
Physicians and surgeons.....	235	185	25	25	5	...	5	15	15	10	5	25	10	20	25	...	5	...
Social scientists.....	200	190	15	10	15	15	45	30	15	10	20	...	...	...	...	...	80	72.3
Social, welfare, & recreation workers.....	1,510	1,365	125	105	35	200	295	260	130	105	45	40	15	...	10	2,869	60	19.2
Teachers (n.e.c.).....	13,690	11,715	2,060	560	490	650	1,340	1,390	1,115	1,230	1,975	670	135	85	15	3,272	660	50.0
Technicians, medical and dental.....	965	860	115	100	90	175	165	105	70	25	10	5	...	...	...	2,357	50	62.3
Therapists and healers (n.e.c.).....	235	215	30	10	20	30	35	45	15	10	5	5	5	...	...	...	10	...
Other profess'l, tech., kindred wkrs.....	3,085	2,350	490	175	225	275	290	310	185	125	110	85	40	15	25	2,517	310	63.3
Farmers and farm managers.....	300	200	95	15	25	10	10	5	...	10	...	10	5	10	5	...	35	...
Mgrs., off., & propr's, exc. farm.....	12,185	9,895	1,670	915	1,100	1,275	1,135	1,060	620	470	305	385	275	305	380	2,495	990	77.5
Specified managers and officials.....	2,205	1,965	290	185	205	295	260	210	140	95	90	80	55	30	30	2,514	155	79.6
Mgrs., off., propr's. (n.e.c.)—salaried.....	4,515	3,990	435	295	425	565	640	590	285	230	135	135	110	105	80	2,715	255	73.6
Wholesale and retail trade.....	1,885	1,660	200	160	210	255	285	190	120	40	45	25	40	50	40	2,500	105	72.1
Other industries (incl. not rptd.).....	2,630	2,330	235	135	215	310	355	360	165	190	90	110	70	55	40	2,880	150	74.6
Mgr., off., prop. (n.e.c.)—self-employed.....	5,465	3,940	945	435	470	415	235	300	195	145	80	170	110	170	270	2,145	580	75.4
Eating and drinking places.....	1,110	785	135	95	120	115	30	55	45	20	35	45	20	30	40	2,185	105	75.0
Wh. & ret. trade, exc. eat. & drink.....	2,855	2,065	580	255	230	185	125	170	100	70	20	80	25	95	130	1,929	295	78.2
Other industries (incl. not rptd.).....	1,500	1,090	230	85	120	115	80	75	50	25	25	45	65	45	100	2,478	180	70.1
Clerical and kindred workers.....	107,480	96,890	13,705	7,800	13,725	24,260	19,965	10,940	3,225	1,330	480	540	225	175	150	2,272	4,070	69.4
Bookkeepers.....	10,170	9,360	1,000	720	1,140	2,425	1,795	1,310	520	230	60	80	30	35	15	2,375	305	74.4
Cashiers.....	5,365	4,735	1,200	745	960	990	495	195	70	40	15	5	10	5	...	1,720	175	55.9
Stenographers, typists, secretaries.....	36,750	33,775	3,660	2,370	4,185	8,965	7,805	4,285	1,310	495	235	215	120	75	55	2,372	1,270	72.3
Telephone operators.....	6,900	6,435	610	400	730	1,905	1,570	790	225	90	30	60	10	10	5	2,388	235	73.5
Other clerical and kindred workers.....	48,295	42,585	7,235	3,565	6,710	9,975	8,300	4,360	1,470	475	140	180	55	50	70	2,190	2,085	67.0
Sales workers.....	33,455	27,230	10,060	4,025	5,345	4,235	1,780	770	295	200	115	180	85	70	70	1,442	1,415	49.4
Insur. & real est. agents & brokers.....	1,060	910	205	80	120	115	145	60	55	55	15	15	15	15	15	2,217	45	61.4
Other specified sales workers.....	855	535	240	50	55	50	50	45	15	5	10	15	...	...	...	1,275	70	42.1
Salesmen & sales clerks (n.e.c.), retail.....	29,565	24,235	9,025	3,685	4,935	3,855	1,480	595	180	115	90	120	55	50	50	1,420	1,205	49.1
Salesmen & sal. cl. (n.e.c.), exc. retail.....	1,975	1,550	990	210	235	215	105	70	45	25	...	30	15	5	1,440	95	50.5	
Craftsmen, foremen, kindred wkrs.....	5,670	4,910	605	365	660	1,040	865	665	250	185	120	75	25	25	30	2,397	320	59.9
Foremen (n.e.c.).....	1,240	1,130	20	55	125	215	165	270	110	80	45	10	10	20	5	2,955	55	80.9
Other craftsmen and kindred workers.....	4,430	3,780	585	310	535	825	700	395	140	105	75	65	15	5	25	2,279	265	53.7
Operatives and kindred workers.....	60,650	54,610	8,050	5,930	7,335	12,580	12,405	6,430	1,030	330	165	160	70	45	80	2,238	1,910	39.5
Dressmakers & seamstr., exc. factory.....	2,545	2,215	665	280	480	440	200	80	15	15	10	10	...	5	15	1,669	95	45.2
Laundry and dry cleaning operatives.....	6,065	5,215	1,360	1,280	1,330	720	310	115	40	15	10	20	10	5	...	1,487	245	53.5
Spinners and weavers, textile.....	55	40	10	20	5	...	...	...	...	...	...	...	...	...	...	...	5	...
Other spec. operat. & kindred wkrs.....	3,880	3,410	445	340	425	670	855	450	85	65	25	35	5	...	10	2,369	200	41.3
Operatives & kindred wkrs. (n.e.c.).....	48,105	43,730	5,570	4,010	5,095	10,745	11,040	5,785	890	235	120	55	55	35	55	2,335	1,365	37.4
Manufacturing.....	44,240	40,385	4,765	3,505	4,480	9,990	10,670	5,600	840	220	95	90	55	30	45	2,372	1,280	36.8
Durable goods.....	35,885	32,900	3,545	2,515	3,160	7,765	9,530	5,145	780	195	75	90	40	15	45	2,466	970	34.5
Metal industries.....	4,370	3,950	560	305	490	1,000	945	490	85	35	10	15	10	...	5	2,310	145	36.0
Machinery, incl. electrical.....	5,065	4,705	630	415	400	980	1,410	695	90	30	15	30	...	5	5	2,463	115	44.3
Other durable goods.....	26,450	24,245	2,355	1,795	2,270	5,785	7,175	3,960	605	130	50	45	30	10	35	2,493	710	32.3
Nondurable goods.....	8,060	7,250	1,140	960	1,315	2,180	1,105	415	60	25	15	15	...	15	...	2,048	275	47.3
Food and kindred products.....	2,975	2,720	480	270	490	835	430	165	15	15	...	...	5	15	...	2,072	100	53.5
Knitting mills.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Textile mill prod., exc. knit.....	285	245	45	45	60	60	15	20	...	...	...	...	...	...	...	...	5	...
Apparel & other fab'd text. pr.....	1,500	1,270	235	275	295	295	130	50	5	...	...	...	...	...	...	1,712	90	34.8
Leather and leather products.....	240	215	30	35	15	65	35	25	10	...	...	...	...	...	...	...	15	...
Other nondurable goods.....	3,060	2,800	350	335	455	945	495	155	30	10	20	...	...	...	...	2,138	65	48.4
Not specified mfg. industries.....	295	235	80	30	5	45	35	40	...	...	...	...	...	...	...	...	35	...
Nonmanufacturing (incl. not rptd.).....	3,865	3,345	805	505	615													

DETAILED CHARACTERISTICS

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income													Income not reported	Worked in 1949 — Percent with 50 to 52 weeks		
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999			\$10,000 and over	Median income (dol.)
FLINT																		
Male, exp. civ. labor force...	83,640	77,980	6,000	2,965	3,430	5,150	7,565	18,490	12,365	7,770	4,615	5,080	1,815	1,510	1,225	3,375	3,210	66.2
Profess'l, techn'l, kindred wkrs.	4,120	3,970	220	180	195	185	275	390	450	365	385	510	225	265	325	4,123	110	69.1
Accountants and auditors.....	415	405	5	20	25	...	30	50	45	50	40	70	30	30	10	...	10	...
Architects.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Artists and art teachers.....	35	35	5	...	...	...	...	...	10	...	5	5	...	...	...	...	...	...
Authors, editors, and reporters.....	70	70	...	...	...	5	20	5	5	...	15	10	10	...	...	...	...	...
Chemists.....	45	45	...	5	...	...	...	10	5	...	10	10	...	...	...	...	...	...
Clergymen.....	205	190	5	30	10	35	25	45	25	5	5	5	...	...	...	...	...	...
College pres., prof'rs, instr's (n.e.c.).....	60	60	5	...	...	...	...	10	5	5	25	5	...	5	...	...	...	...
Dentists.....	70	60	...	...	...	...	...	...	...	...	...	10	...	20	30	...	10	...
Designers and draftsmen.....	300	285	10	5	...	...	20	25	45	55	30	75	10	...	5	...	10	...
Engineers, aeronautical.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Engineers, civil.....	95	85	5	...	...	10	10	5	...	10	15	10	5	5	10	...	5	...
Engineers, electrical.....	105	105	10	...	...	5	5	...	30	10	30	5	...	...	...	...	...	...
Engineers, mechanical.....	310	305	10	20	40	10	5	10	30	25	25	50	25	25	30	...	5	...
Other technical engineers.....	285	275	10	10	...	5	10	15	30	20	15	60	35	30	35	...	5	...
Lawyers and judges.....	115	100	5	...	...	...	5	5	10	...	20	10	...	40	...	15	...	...
Musicians and music teachers.....	95	85	25	...	10	10	5	5	5	10	...	5	5	...	...	5	...	...
Natural scientists (n.e.c.).....	35	35	30	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pharmacists.....	160	160	...	...	5	5	15	15	...	35	20	...	30	25	...	...	...	...
Physicians and surgeons.....	180	175	15	...	...	5	...	...	5	5	10	30	100	...	5	...	...	...
Social scientists.....	10	10	...	...	...	...	...	...	5	...	5	...	...	...	...	...	...	...
Social, welfare, & recreation workers.....	55	50	5	...	...	...	15	15	10	...	5	...	...	...	...	...	...	...
Surveyors.....	15	15	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...
Teachers (n.e.c.).....	390	390	5	5	5	15	30	40	65	80	55	45	20	25	...	...	...	...
Technicians, medical and dental.....	25	20	...	...	...	...	...	...	5	...	...	...	5	5	...	...	5	...
Other profess'l, techn., kindred wkrs.	1,040	1,005	70	80	95	65	75	130	120	60	75	95	55	50	35	3,452	30	63.1
Farmers and farm managers.....	1,730	1,440	335	210	165	160	150	75	105	80	20	40	35	40	25	2,031	160	91.2
Mgrs., off., & prop'r, exc. farm.	5,415	4,935	200	130	235	285	320	605	550	365	280	630	290	495	550	4,195	385	82.8
Off. & inspectors, State & local.....	60	60	5	...	10	...	5	...	15	...	10	10	...	5	...	...	...	...
Other specified managers & officials.....	445	405	15	10	15	15	15	60	45	70	25	55	40	20	20	...	35	...
Mgrs., off., prop'r, (n.e.c.)—salaried.....	1,895	1,790	15	30	40	50	70	245	230	155	140	265	130	245	175	4,714	85	81.5
Manufacturing.....	500	445	...	...	...	...	5	10	45	20	10	105	50	125	75	...	45	...
Wholesale and retail trade.....	775	745	15	10	30	15	50	130	110	45	80	35	60	45	4,074	30	78.0	
Finance, insurance, & real estate.....	185	170	...	...	5	5	30	5	15	5	30	10	25	40	...	10	...	
Other industries (incl. not rptd.).....	435	430	...	20	10	30	10	75	70	35	45	50	35	15	...	...	...
Mgr., off., prop'r (n.e.c.)—self-employed.....	3,015	2,680	165	90	170	220	230	300	260	140	105	300	120	225	355	3,817	265	83.0
Construction.....	260	235	15	5	20	15	30	25	25	20	5	15	5	40	15	...	25	...
Manufacturing.....	180	165	15	...	5	...	5	25	5	...	5	15	10	10	70	...	15	...
Wholesale trade.....	175	150	15	5	15	...	10	10	5	10	15	5	10	45	...	25	...	
Eating and drinking places.....	345	310	10	5	30	20	35	25	5	20	55	20	25	30	...	25	...	
Retail trade, exc. eat'g & drink'g.....	1,600	1,400	90	30	95	130	135	160	160	75	65	145	60	105	150	3,688	150	86.9
Other industries (incl. not rptd.).....	455	420	20	45	15	30	40	45	35	...	55	20	35	45	...	25	...	
Clerical and kindred workers.....	4,870	4,650	270	115	160	265	520	1,205	930	545	290	215	65	45	25	3,413	165	76.2
Bookkeepers.....	130	125	5	...	...	20	10	15	15	20	25	5	...	5	...	5	...	
Mail carriers.....	275	265	20	5	5	...	75	70	70	15	5	...	...	...	...	...	5	...
Other clerical and kindred workers.....	4,465	4,260	245	110	155	245	435	1,120	845	510	260	210	65	40	20	3,420	155	75.5
Sales workers.....	4,580	4,040	760	200	285	345	390	550	345	315	185	280	140	135	110	3,036	240	70.2
Insurance agents and brokers.....	425	410	20	10	35	40	75	40	55	25	40	15	10	25	...	15	...	
Real estate agents and brokers.....	270	235	20	25	5	25	10	15	25	20	5	20	10	30	25	...	25	...
Other specified sales workers.....	660	475	375	5	25	5	5	10	5	15	...	20	5	...	5	...	45	...
Salesmen and sales clerks (n.e.c.).....	3,225	2,920	345	160	220	275	355	450	275	225	155	200	110	95	55	3,117	155	71.3
Manufacturing.....	280	255	...	20	20	30	40	15	30	20	30	20	10	15	...	20	...	
Wholesale trade.....	560	545	20	10	5	25	45	105	105	65	40	55	30	25	15	3,798	15	88.3
Retail trade.....	2,245	1,985	320	125	190	225	235	280	145	120	95	115	55	55	25	2,782	115	64.8
Other industries (incl. not rptd.).....	140	135	5	20	5	5	45	25	10	10	...	5	5	...	...	5	...	
Craftsmen, foremen, kindred wkrs.	17,830	17,110	590	405	465	820	1,280	2,965	2,565	2,515	1,960	2,300	785	380	80	3,896	540	70.0
Bakers.....	95	95	5	5	5	20	10	10	20	5	...	...	...	10	5	...	...
Blacksmiths, forgemen, hammermen.....	190	180	15	...	...	5	15	15	40	45	25	10	...	...	...	...	...
Boilermakers.....	15	15	...	...	...	...	...	...	...	...	15	...	...	...	...	...	...
Cabinetmakers and patternmakers.....	340	330	10	15	10	15	20	40	35	65	55	...	...	...	...	...	10	...
Carpenters.....	990	865	125	60	60	115	100	145	130	90	45	20	5	10	2,863	55	27.6	
Compositors and typesetters.....	150	135	5	5	...	20	...	10	15	20	15	20	25	...	...	...	15	...
Cranemen, hoist'n, const. mach. oper.....	360	390	5	5	...	20	15	100	90	30	30	45	5	5	...	...	10	...
Electricians.....	630	610	5	5	10	25	30	75	70	115	130	30	...	...	4,370	15	78.9	
Foremen (n.e.c.).....	2,360	2,280	...	...	10	15	35	90	150	220	380	725	415	195	45	5,331	75	84.6
Manufacturing, durable goods.....	2,065	1,930	...	...	5	5	15	50	65	170	340	670	380	190	40	5,470	70	85.1
Mfg., nondurable (incl. not spec.).....	40	40	...	...	...	...	5	5	5	10	10	5	...	...	...	...	5	...
Nonmanufacturing (incl. not rptd.).....	315	310	...	5	10	15	35	80	40	30	50	35	5	...	...	...	5	...
Linemen & servicemen, t'graph, etc.....	350	330	...	5	5	45	35	55	45	100	30	5	...	5	...	...	20	...
Locomotive engineers.....	15	15	...	...	...	...	...	...	...	10	...	5	...	...	...	...	...
Locomotive firemen.....	30	30	...	...	...	...	15	5	10	...	...	...	...	...	...	...	30	...
Machinists and job setters.....	1,530	1,500	10	10	30	90	100	575	410	180	65	55	10	5	...	3,028	30	75.6
Masons, tile setters, stone cutters.....	235	210	45	5	25	15	25	15	35	10	15	20	...	...	...	...	15	

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.o.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income													Income not reported	Worked in 1949 — Percent with 50 to 52 weeks		
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999			\$10,000 and over	Median income (dol.)
FLINT																		
Male—Con.																		
Operatives and kindred workers.....	34,845	33,150	1,820	1,160	1,300	2,245	3,495	10,700	6,570	3,185	1,280	970	230	115	80	3,306	965	61.1
Apprentices.....	330	300	40	10	35	80	45	55	15	10	...	5	...	5	...	...	15	...
Attendants, auto service & parking.....	605	515	160	40	35	60	110	65	20	15	...	...	5	5	...	2,188	25	56.1
Brakemen and switchmen, railroad.....	90	85	10	...	5	...	5	25	20	15	...	...	...	...	...	...	5	...
Bus drivers.....	140	140	5	10	...	20	5	70	15	10	...	5	...	...	...	...	...	...
Filers, grinders, & polishers, metal.....	3,000	2,865	85	45	90	150	225	900	650	485	130	95	5	...	...	...	100	63.8
Furnacemen, smelters, & heaters.....	130	125	10	15	10	10	15	30	25	5	5	5	...	...	...	...	...	...
Laundry and dry cleaning operatives.....	140	135	15	15	25	25	10	25	5	5	5	...	...	...	...	...	...	...
Meat cutters, exc. slaughter & pack.....	360	345	15	10	20	25	70	100	45	40	5	10	5	...	...	...	...	...
Mine operatives & laborers (n.e.c.).....	45	35	...	5	10	5	5	...	5	5	...	5	...	...	...	...	...	...
Motormen, street, subway, & elev. rwy.....	35	35	...	...	...	...	25	5	...	...	...	...	...	...	...	...	...	...
Painters, exc. const. & maintenance.....	665	640	5	15	10	55	65	100	130	140	70	35	15	...	...	3,769	10	62.8
Power station operators.....	55	55	...	5	...	5	5	15	10	10	5	...	...	...	...	...	...	...
Sailors and deck hands.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sawyers.....	45	40	5	...	10	...	...	15	5	...	5	...	...	...	...	...	...	...
Spinners and weavers, textile.....	5	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Stationary firemen.....	185	175	...	10	...	5	...	45	60	35	15	5	...	...	...	...	...	...
Taxicab drivers and chauffeurs.....	415	380	35	30	10	40	40	100	45	40	10	5	10	5	10	...	...	25
Truck drivers and deliverymen.....	3,465	3,305	200	80	135	265	315	715	625	335	280	190	80	50	35	3,460	100	69.2
Welders and flame-cutters.....	1,945	1,895	80	60	50	70	140	440	505	310	85	110	25	5	15	3,606	45	59.6
Other spec. operat. & kindred wkrs.....	185	170	10	5	5	10	10	45	45	25	...	15	...	...	...	...	...	10
Operatives & kindred wkrs. (n.e.c.).....	23,000	21,900	1,145	805	850	1,420	2,425	7,930	4,340	1,700	655	485	85	45	15	3,271	605	59.5
Manufacturing.....	22,470	21,400	1,085	790	820	1,385	2,330	7,815	4,250	1,665	640	480	85	40	15	3,274	600	59.5
Durable goods.....	21,905	20,860	1,015	755	785	1,335	2,255	7,675	4,165	1,635	635	465	85	40	15	3,279	585	59.5
Saw & pl'g mills, misc. wood pr.....	30	30	...	...	...	1.5	5	10	...	...	...	...	...	...	...	...	...	...
Furniture and fixtures.....	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stone, clay, & glass products.....	70	65	...	5	5	...	...	20	25	5	...	...	...	...	...	...	...	5
Primary metal industries.....	75	75	5	5	...	10	10	20	15	5	...	5	...	...	...	...	...	...
Fab'd metal (incl. not spec.).....	50	50	10	...	5	...	...	10	5	5	...	5	...	...	...	...	...	...
Machinery, except electrical.....	120	120	35	15	...	5	20	5	10	...	10	20	...	...	...	...	...	...
Electrical mach'y, equip, sup.....	15	15	...	...	5	...	5	...	...	...	...	...	...	...	...	...	...	...
Motor vehicles & mtr. veh. exp.....	21,455	20,415	965	715	770	1,305	2,175	7,590	4,095	1,620	620	425	80	40	15	3,282	580	59.7
Transp. equip, exc. motor veh.....	40	40	...	10	...	...	5	10	5	...	5	5	...	...	...	...	...	...
Other durable goods.....	40	40	...	5	...	...	20	5	10	...	...	...	...	...	...	...	...	...
Nondurable goods.....	525	500	65	35	25	50	70	125	85	25	5	15	...	...	...	3,020	15	...
Food and kindred products.....	195	180	35	5	25	35	30	15	15	5	...	15	...	...	...	...	5	...
Yarn, thread, & fabric mills.....	25	25	...	5	...	...	...	10	10	...	...	...	...	...	...	...	...	...
Knit'g, & other textile mill pr.....	110	110	15	10	...	10	30	35	10	...	...	...	...	...	...	...	...	...
Apparel & other fab'd text. pr.....	10	10	...	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...
Paper and allied products.....	15	10	...	5	...	...	5	...	...	...	...	...	...	...	...	...	...	5
Chemicals and allied products.....	135	135	5	...	...	5	10	55	40	15	5	...	...	...	...	...	...	...
Leather and leather products.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other nondurable goods.....	35	30	10	10	...	...	...	5	5	...	...	...	...	...	...	...	...	5
Not specified mfg. industries.....	40	40	5	...	10	...	5	15	...	5	...	...	...	...	...	...	...	...
Nonmanufacturing (incl. not rptd.).....	530	500	60	15	30	35	95	115	90	35	15	5	...	5	...	3,065	5	...
Trans. commun., other pub. util.....	120	115	...	...	...	5	20	45	20	15	5	...	5	...	...	...	...	...
Wholesale and retail trade.....	220	205	40	10	10	20	35	30	45	10	...	5	...	...	...	...	...	5
Other ind. (incl. not rptd.).....	190	180	20	5	20	10	40	40	25	10	...	...	...	...	...	...	...	...
Private household workers.....	60	55	20	10	10	...	...	5	...	...	10	...	...	...	...	...	...	...
Service wkrs., exc. priv. hshld.....	3,695	3,360	505	150	260	330	470	800	380	205	125	85	25	15	10	2,963	135	65.9
Barbers, beauticians, & manicurists.....	225	195	15	...	15	15	45	60	20	5	...	20	...	...	...	...	...	25
Charwomen, janitors, and porters.....	1,390	1,290	160	70	120	190	290	305	95	30	25	5	...	...	...	...	2,681	55
Cooks, except private household.....	180	175	25	5	30	15	35	35	15	5	...	...	10	...	...	...	...	...
Elevator operators.....	80	70	20	...	5	...	5	25	...	...	...	...	...	...	...	...	...	...
Firemen, fire protection.....	250	240	...	...	...	5	15	25	...	...	...	...	...	...	...	...	...	...
Guards and watchmen.....	435	430	20	10	...	10	15	105	70	30	15	5	...	...	5	...	...	10
Policemen, sheriffs, and marshals.....	265	260	20	10	10	15	110	80	80	65	40	...	...	...	...	...	...	5
Waiters, bartenders, & counter wkrs.....	360	320	55	35	25	40	75	70	25	15	10	...	...	...	...	...	...	5
Other service wkrs., exc. priv. hshld.....	510	380	190	20	55	35	30	10	5	10	5	...	10	10	...	...	...	15
Farm laborers and foremen.....	635	440	260	45	35	45	25	15	...	...	...	5	...	...	...	...	...	20
Farm laborers, unpaid family wkrs.....	160	50	30	15	...	5	...	...	...	...	...	...	...	...	...	...	...	10
Farm labor., exc. unpaid, & foremen.....	475	390	230	30	35	40	25	15	...	10	...	5	...	...	...	...	...	25
Laborers, except farm and mine.....	4,385	4,000	725	265	255	410	585	1,070	410	150	60	45	10	5	10	2,795	155	48.7
Fishermen and oystermen.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Longshoremen and stevedores.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lumbermen, raftsmen, wood choppers.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other specified laborers.....	315	250	95	30	25	25	15	35	...	15	...	5	...	5	...	...	...	30
Laborers (n.e.c.).....	4,065	3,745	630	235	230	385	570	1,035	410	135	60	35	10	...	10	2,844	125	49.5
Manufacturing.....	2,560	2,395	230	150	115	235	360	805	320	100	40	25	10	...	5	3,067	80	52.6
Durable goods.....	2,430	2,270	215	140	110	210	340	785	310	90	30	25	10	...	5	3,076	80	52.2
Furn., saw & pl'g mills, w'd pr.....	5	5	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
Stone, clay, & glass products.....	25	25	5	5	...	5	...	10	...	...	...	...	...	...	...	...	...	...
Primary metal industries.....	35	35	5	...	...	10	5	15	...	...	...	...	...	...	...	...	...	...
Fab'd metal (incl. not spec.).....	10	10	...	...	...	...	5	...	5	...	...	...	...	...	...	...	...	...
Machinery, incl. electrical.....	10	10	5	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
Transportation equipment.....	2,340	2,180	195	135	110	190	325	760	305	90	30	25	10	...	5	3,089	80	52.5

DETAILED CHARACTERISTICS

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Worked in 1949 Percent with 50 to 52 weeks	
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$10,000 and over			Median income (dol.)
FLINT																		
Female, exp. civ. labor force...	27,130	21,250	5,960	2,690	2,640	3,480	3,685	1,420	575	350	140	160	55	45	50	1,874	1,975	50.5
Profess'l, techn'l, kindred wkrs.	3,170	2,680	470	250	190	355	515	345	250	165	65	45	20	...	10	2,573	220	30.5
Accountants and auditors.....	105	75	5	...	...	15	25	20	...	...	5	5	...	...	...	...	...	15
Actresses, dancers, entert. (n.e.c.)...	50	25	...	15	...	5	...	5	...	...	...	...	...	...	...	...	...	20
Artists and art teachers.....	20	20	...	...	5	5	...	5	...	...	...	...	...	...	...	...	...	...
Authors, editors, and reporters.....	25	25	10	...	...	...	...	10	5	...	...	...	...	...	...	...	...	...
Chemists & natural scientists (n.e.c.)...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
College pres., prof'rs, instr's (n.e.c.)...	30	30	...	...	...	...	...	...	5	10	10	...	5	...	...	...	...	5
Designers and draftsmen.....	20	15	5	...	...	...	5	...	...	5	5	...	...	...	...	...	...	...
Dietitians and nutritionists.....	40	40	5	5	5	15	5	5	...	...	...	...	...	...	...	...	...	...
Lawyers and judges.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Librarians.....	80	75	20	...	...	10	5	15	5	5	10	...	...	...	...	...	...	5
Musicians and music teachers.....	115	100	45	5	5	10	20	...	10	5	...	...	...	...	...	...	...	5
Nurses, professional.....	645	580	80	60	75	115	80	90	60	10	5	5	...	...	...	2,326	20	52.6
Nurses, student professional.....	170	100	55	30	5	10	...	...	...	...	...	...	...	...	...	...	...	10
Physicians and surgeons.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Social scientists.....	25	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Social, welfare, & recreation workers.....	80	70	...	5	5	5	20	10	20	...	...	...	...	...	...	...	...	10
Teachers (n.e.c.).....	1,900	1,340	200	100	60	130	350	175	120	130	90	30	10	...	5	2,757	90	6.9
Technicians, medical and dental.....	45	40	5	10	5	5	5	5	10	...	...	...	...	...	...	...	...	5
Therapists and healers (n.e.c.).....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other profess'l, tech., kindred wkrs.	205	130	35	20	20	25	...	10	5	5	...	5	5	...	...	...	...	30
Farmers and farm managers.....	30	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
Mgrs., off., & propr's, exc. farm.	935	660	155	85	70	60	55	50	50	20	10	55	5	25	20	2,167	75	72.5
Specified managers and officials.....	130	100	20	10	5	20	15	15	...	5	...	5	...	5	...	...	...	10
Mgrs., off., prop. (n.e.c.)—salaried.....	255	220	20	25	35	25	20	15	20	15	5	20	5	5	10	...	...	20
Wholesale and retail trade.....	120	110	15	20	15	10	5	5	10	5	5	10	5	...	5	...	...	...
Other industries (incl. not rptd.).....	135	110	5	5	20	15	15	10	10	10	...	10	...	5	5	...	...	20
Mgr., off., prop. (n.e.c.)—self-employed.....	550	340	115	50	30	15	20	20	30	...	5	30	...	15	10	...	...	45
Eating and drinking places.....	150	90	35	10	10	5	5	5	5	...	...	10	...	...	5	...	...	10
Wh. & ret. trade, exc. ent. & drink.	290	180	55	30	10	10	15	15	15	5	5	10	...	10	5	...	...	25
Other industries (incl. not rptd.).....	110	70	25	10	10	...	...	10	...	...	...	10	...	5	...	...	...	10
Clerical and kindred workers.....	6,435	5,540	970	525	895	1,150	1,290	485	125	50	25	15	5	...	5	2,165	360	69.1
Bookkeepers.....	910	805	125	50	165	185	140	60	40	20	10	5	...	5	2,169	45	71.1	
Cashiers.....	455	400	125	55	85	85	45	5	...	...	...	...	...	...	...	...	...	10
Stenographers, typists, secretaries.....	1,660	1,485	205	125	225	295	350	210	55	15	...	5	...	...	...	2,318	85	71.0
Telephone operators.....	415	355	45	20	70	90	95	20	...	10	5	...	...	...	...	...	...	15
Other clerical and kindred workers.....	2,975	2,495	470	275	350	495	660	190	30	5	10	5	...	...	...	2,154	205	68.1
Sales workers.....	2,890	2,175	980	420	385	210	80	30	5	25	20	...	...	10	10	1,128	250	47.2
Insur. & real est. agents & brokers.....	85	65	20	...	15	5	10	...	...	5	...	...	...	...	10	...	...	...
Other specified sales workers.....	75	45	30	...	...	...	5	5	...	5	...	...	...	...	...	...	...	15
Salesmen & sales clerks (n.e.c.), retail.	2,605	1,970	895	405	360	200	60	20	5	10	10	...	...	5	...	1,111	230	47.6
Salesmen & sal. cl. (n.e.c.), exc. retail.	125	95	35	15	10	5	5	5	...	...	...	...	...	...	5	...	...	5
Craftsmen, foremen, kindred wkrs.	360	305	60	10	30	85	45	30	35	5	5	...	...	...	...	...	...	25
Foremen (n.e.c.).....	30	25	...	10	5	5	...	...	5	...	...	...	...	...	...	...	...	5
Other craftsmen and kindred workers.....	330	280	60	10	20	80	40	30	35	...	5	...	...	...	...	...	...	20
Operatives and kindred workers.....	5,885	5,300	795	595	515	1,230	1,525	435	80	70	10	20	10	5	5	2,303	170	48.7
Dressmakers & seamstr., exc. factory.	165	130	45	30	25	10	5	10	...	...	...	5	...	...	...	...	...	10
Laundry and dry cleaning operatives.....	365	280	70	70	85	25	5	...	5	10	...	5	...	...	5	...	...	15
Spinners and weavers, textile.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other spec. operat. & kindred wkrs.	370	315	45	45	10	60	110	20	15	10	...	...	...	...	...	...	...	10
Operatives & kindred wkrs. (n.e.c.).....	4,985	4,575	635	450	395	1,135	1,405	405	60	50	10	10	10	...	...	2,356	135	47.9
Manufacturing.....	4,860	4,470	620	410	390	1,125	1,385	400	55	40	10	10	10	...	...	2,362	135	47.8
Durable goods.....	4,685	4,305	560	400	375	1,080	1,360	395	55	45	10	10	10	5	...	2,378	130	48.1
Metal industries.....	55	55	10	5	5	5	20	...	5	...	...	...	...	...	...	...	...	...
Machinery, incl. electrical.....	150	135	15	35	30	10	35	10	...	...	...	...	...	...	...	...	...	5
Other durable goods.....	4,480	4,115	535	360	340	1,065	1,320	365	55	40	10	10	10	5	...	2,386	125	48.7
Nondurable goods.....	165	155	60	10	15	45	20	...	...	...	...	...	...	...	...	...	...	5
Food and kindred products.....	55	50	10	5	5	15	10	...	...	5	...	...	...	...	...	...	...	5
Knitting mills.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Textile mill prod., exc. knit.	15	15	5	...	5	5	...	...	...	...	...	...	...	...	...	...	...	...
Apparel & other fab'd text. pr.	50	50	30	5	...	5	10	...	...	...	...	...	...	...	...	...	...	...
Leather and leather products.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other nondurable goods.....	45	40	15	...	5	20	...	...	...	...	...	...	...	...	...	...	...	...
Not specified mfg. industries.....	10	10	...	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...
Nonmanufacturing (incl. not rptd.).....	125	105	15	40	5	10	20	5	5	...	...	...	...	5	...	...	...	...
Private household workers.....	1,855	1,155	915	120	70	20	15	...	5	...	...	5	5	...	...	631	195	34.5
Private household wkrs.—living in.....	395	275	210	40	15	5	5	...	...	...	...	...	...	...	...	...	...	40
Private household wkrs.—living out.....	1,460	880	705	80	55	15	10	...	5	...	...	5	...	...	...	624	155	29.6
Service wkrs., exc. priv. hshld.....	3,555	2,825	1,250	590	460	310	125	35	25	5	5	20	...	...	...	1,138	190	41.5
Attendants, hospital & other inst'n.....	180	155	75	15	40	20	5	...	...	...	...	...	...	...	...	...	...	10
Barbers, beauticians, & manicurists.....	320	275	85	80	35	35	5	10	5	5	...	15	...	...	...	...	...	10
Charwomen, janitors, and porters.....	175	150	70	30	25	15	10	...	...	...	...	...	...	...	...	...	...	15
Cooks, except private household.....	305	255	65	55	75	45	5	5	5	...	...	...	...	...	...	...	...	20
Housek'ps & stewards, exc. pr. hshld.....	175	170	25	40	30	35	30	5	5	...	...	...	...	...	...	...	...	...
Practical nurses and midwives.....	250	190	80	10	45	35	15	5	...	...	...	...	...	...	...	...	...	20
Waitresses, bartenders, counter wkrs.	1,470																	

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Worked in 1949 — Percent with 50 to 52 weeks	
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$10,000 and over			Median income (dol.)
GRAND RAPIDS																		
Male, exp. civ. labor force...	84,240	76,200	7,785	3,950	4,655	7,480	10,185	13,680	8,855	6,475	3,465	4,350	1,650	1,760	1,910	3,148	5,825	70.3
Profess'l, techn'l, kindred wkrs.	5,835	5,265	310	165	175	275	395	615	530	630	445	645	225	385	470	4,133	485	78.0
Accountants and auditors.....	755	660	15	10	10	35	55	70	105	100	95	90	25	25	25	4,150	85	84.5
Architects.....	50	50	...	...	...	...	...	...	10	5	...	5	...	15	15	...	...	...
Artists and art teachers.....	100	90	...	...	...	...	...	...	10	20	5	...	5	5	...	...	...	...
Authors, editors, and reporters.....	100	100	5	5	5	...	...	...	10	5	10	...	40	10	10	...	...	...
Chemists.....	90	85	5	5	5	...	...	...	10	10	10	10	5	5	10	...	...	...
Clergymen.....	345	335	50	5	15	35	45	75	40	45	15	10	...	...	...	...	...	...
College pres., prof's, instr's (n.e.c.).....	105	105	15	5	15	15	5	10	...	15	...	5	...	60	30	...	...	...
Dentists.....	175	165	5	5	15	15	5	10	...	15	...	5	...	60	30	...	...	...
Designers and draftsmen.....	450	420	30	15	10	35	50	45	30	70	35	40	10	35	15	...	...	...
Engineers, aeronautical.....	10	10	...	...	...	...	...	...	...	5	...	5	...	...	...	...	...	...
Engineers, electrical.....	105	85	10	5	...	...	...	10	10	20	5	5	5	5	10	...	...	...
Engineers, mechanical.....	245	225	15	10	...	...	...	5	40	25	30	35	35	25	15	...	...	...
Other technical engineers.....	320	315	15	10	...	...	...	5	20	35	30	25	35	60	20	30	30	...
Lawyers and judges.....	470	415	15	10	5	...	...	20	45	20	60	45	85	40	45	25	...	...
Musicians and music teachers.....	250	215	...	...	5	...	...	5	10	10	30	40	15	35	65	...	...	...
Natural scientists (n.e.c.).....	115	105	25	10	15	10	5	10	5	5	10	10	...	...	...	...	...	...
Pharmacists.....	40	30	...	...	...	...	...	...	5	5	5	5	5	5	...	...	...	...
Physicians and surgeons.....	200	170	10	...	10	5	...	...	25	30	15	...	30	10	10	25	...	...
Social scientists.....	330	300	5	15	15	15	5	15	5	15	10	...	...	30	170	...	...	...
Social, welfare, & recreation workers.....	15	10	...	...	...	...	...	...	5	...	...	5	...	...	...	...	...	...
Surveyors.....	35	30	5	...	...	5	5	10	...	5	...	...	...	...	...	...	...	...
Teachers (n.e.c.).....	30	30	...	5	...	...	...	10	10	...	5	...	...	...	...	...	...	...
Technicians, medical and dental.....	415	370	20	10	20	...	...	50	60	55	75	35	25	10	5	5	...	...
Other profess'l, tech., kindred wkrs.	80	75	5	...	5	15	15	20	...	5	...	...	10	...	...	...	...	...
Farmers and farm managers.....	1,005	870	75	40	30	70	85	95	105	70	65	115	30	45	45	3,690	110	78.8
Mgrs., off's., & prop'r, exc. farm.	2,905	2,450	585	355	380	335	245	215	85	45	40	80	30	40	15	1,875	305	87.5
Offs. & inspectors, State & local.....	9,435	8,110	400	210	340	415	525	820	770	805	535	1,085	525	710	970	3,357	1,170	85.9
Other specified managers & officials.....	140	130	15	...	10	15	5	20	35	5	...	5	5	15	...	...	...	...
Mgrs., off's, prop'r, (n.e.c.)—salaried.....	980	875	35	5	...	15	60	95	130	105	60	160	50	100	60	4,464	95	87.5
Manufacturing.....	3,860	3,405	80	55	100	85	190	375	315	395	275	545	230	325	435	4,695	410	88.9
Wholesale and retail trade.....	1,405	1,225	15	10	20	5	40	120	95	135	100	250	65	155	215	5,290	170	92.7
Finance, insurance, & real estate.....	1,255	1,115	45	25	60	55	95	130	100	150	85	100	65	90	115	4,158	125	87.3
Other industries (incl. not rptd.).....	330	295	5	5	...	5	10	30	25	25	55	30	15	60	...	...	...	...
Mgt. off. prop. (n.e.c.)—self-employed.....	870	770	15	15	20	20	45	95	90	85	65	140	70	65	45	4,500	80	84.9
Construction.....	4,455	3,700	270	190	230	300	270	330	290	300	200	375	240	270	475	4,017	655	82.7
Manufacturing.....	615	505	30	40	30	50	35	55	65	40	35	35	25	40	25	3,596	95	61.7
Wholesale trade.....	505	390	10	15	...	25	5	20	40	40	20	50	25	30	110	...	...	...
Eating and drinking places.....	445	360	45	5	10	25	25	20	35	25	15	55	10	30	60	...	...	...
Retail trade, exc. eat'g & drink'g.....	285	245	25	15	10	25	15	20	10	30	15	20	20	20	20	...	...	...
Other industries (incl. not rptd.).....	1,830	1,520	95	45	125	100	155	130	125	135	75	170	90	120	155	3,940	260	87.0
Clerical and kindred workers.....	775	680	65	30	55	75	35	85	15	30	40	45	70	30	105	3,471	80	82.5
Bookkeepers.....	5,590	5,195	465	205	190	475	800	1,190	835	460	255	175	60	60	25	3,194	285	75.7
Mail carriers.....	350	335	45	30	10	30	60	60	30	30	15	5	15	5	...	...	...	...
Other clerical and kindred workers.....	400	385	5	...	...	10	15	85	215	25	15	15	...	...	...	...	...	...
Sales workers.....	4,840	4,475	415	180	435	725	1,045	590	405	225	155	45	55	25	3,147	260	75.0	
Insurance agents and brokers.....	7,205	6,415	930	275	360	420	570	885	685	590	330	565	265	270	270	3,369	655	75.2
Real estate agents and brokers.....	785	685	20	20	45	40	30	100	75	55	75	110	45	50	20	4,114	90	85.7
Other specified sales workers.....	340	295	20	35	35	15	20	30	20	40	15	30	15	20	...	...	...	...
Salesmen and sales clerks (n.e.c.).....	575	455	300	5	20	20	20	10	10	15	5	10	10	10	20	...	...	...
Manufacturing.....	5,605	4,980	590	215	260	345	500	745	580	480	235	415	195	190	230	3,389	500	75.3
Wholesale trade.....	1,080	940	40	30	30	45	100	120	95	135	35	120	60	35	95	4,037	130	77.5
Retail trade.....	1,430	1,265	35	35	45	65	100	200	200	145	80	110	95	85	70	3,881	155	84.2
Other industries (incl. not rptd.).....	2,845	2,540	505	140	175	215	265	375	270	165	120	165	35	60	50	2,943	210	70.4
Craftsmen, foremen, kindred wkrs.	250	235	10	10	10	20	35	50	15	35	...	20	5	10	15	...	...	...
Bakers.....	18,645	17,435	875	575	930	1,440	2,210	3,750	2,775	2,065	1,120	1,125	310	180	80	3,358	975	70.6
Blacksmiths, forgemen, hammermen.....	300	265	15	5	...	25	60	50	50	30	10	15	...	...	...	...	...	...
Boilermakers.....	25	20	5	...	...	5	30	10	5	...	...	...	...	...	...	...	...	...
Cabinetmakers and patternmakers.....	70	65	...	...	...	5	10	25	...	5	...	...	...	...	...	...	...	...
Carpenters.....	770	725	30	25	85	135	225	80	40	15	45	15	...	...	10	3,117	30	72.7
Compositors and typesetters.....	1,730	1,620	120	100	155	235	195	385	170	155	30	25	20	25	5	3,006	75	43.6
Cranemen, hoist'n, const. mach. oper.....	560	510	25	25	20	5	45	70	65	85	65	85	15	5	...	4,000	50	84.1
Electricians.....	285	265	10	10	35	35	55	50	35	20	...	25	10	5	...	...	...	...
Foremen (n.e.c.).....	460	440	10	5	15	50	75	45	110	50	20	...	25	...	...	...	...	...
Manufacturing, durable goods.....	2,075	1,980	15	10	20	65	85	345	355	360	255	285	115	60	10	4,132	85	87.9
Mfg., nondurable (incl. not spec.).....	1,295	1,255	5	15	30	65	235	195	225	150	185	80	55	10	4,172	30	85.8	
Nonmanufacturing (incl. not rptd.).....	240	235	5	...	...	...	...	...	30	65	55	30	25	15	5	...	...	...
Linemen & servicemen, t'graph, etc.....	540	490	5	5	5	35	15	80	95	80	75	75	20	...	...	...	...	...
Locomotive engineers.....	545	505	15	20	15	45	40	100	110	100	40	15	5	...	...	3,980	35	89.5
Locomotive firemen.....	150	150	5	...	...	...	...	...	20	15	30	25	45	5	5	...	...	...
Machinists and job setters.....	105	100	5	...	5	...	10	30	10	20	15	5						

DETAILED CHARACTERISTICS

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 78. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Worked in 1949—Percent with 50 to 52 weeks	
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over			Median income (dol.)
GRAND RAPIDS																		
Male—Con.																		
Operatives and kindred workers	23,150	21,620	1,855	1,205	1,400	2,700	3,980	4,810	2,640	1,505	650	545	215	70	45	2,959	1,145	63.4
Apprentices	365	325	65	25	35	45	70	35	20	15	10	...	...	...	...	...	...	35
Attendants, auto service & parking	570	490	160	30	50	85	65	35	30	30	...	...	...	...	...	...	...	25
Brakemen and switchmen, railroad	285	280	5	10	...	5	25	35	60	60	15	5	...	...	...	...	...	5
Bus drivers	220	210	10	5	5	10	25	65	55	30	5	...	...	...	...	...	...	10
Flers, grinders, & polishers, metal	1,460	1,420	60	60	90	95	170	295	240	185	85	105	30	5	...	...	...	30
Furnacemen, smeltermen, & heaters	75	75	10	5	5	10	20	10	5	...	...	...	...	...	...	...	...	...
Laundry and dry cleaning operatives	265	245	40	30	25	45	30	50	20	...	...	...	...	...	...	...	...	10
Meat cutters, exc. slaughter & pack	405	375	10	10	20	35	75	115	55	35	...	...	...	...	...	...	...	20
Metal operatives & laborers (n.e.c.)	75	70	15	...	...	10	15	15	5	...	...	...	...	...	...	...	...	...
Motormen, street, subway, & elev. rwy.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Painters, exc. const. & maintenance	1,035	955	70	65	65	180	155	185	125	65	25	20	...	...	...	...	...	45
Power station operators	20	20	...	...	...	5	5	10	...	...	...	...	...	...	...	...	...	...
Sailors and deck hands	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sawyers	330	325	15	25	20	40	85	105	20	10	...	...	...	...	...	...	...	5
Spinners and weavers, textile	10	10	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
Stationary firemen	310	300	20	10	5	35	45	85	45	45	10	...	...	...	...	...	...	10
Taxicab drivers and chauffeurs	150	140	20	25	35	20	15	15	5	...	...	...	...	...	...	...	...	5
Truck drivers and deliverymen	3,350	3,090	220	140	170	390	480	620	375	250	165	170	60	30	...	...	...	240
Welders and flame-cutters	1,240	1,190	50	25	60	95	240	390	145	90	45	35	5	10	...	...	...	45
Other spec. operat. & kindred wkrs.	135	125	...	...	...	10	20	25	15	15	15	...	...	...	...	...	...	20
Operatives & kindred wkrs. (n.e.c.)	12,845	11,970	1,085	715	810	1,580	2,440	2,720	1,420	670	215	190	85	25	...	...	...	690
Manufacturing	11,755	10,945	970	655	745	1,495	2,215	2,460	1,295	625	205	180	75	20	...	...	...	595
Durable goods	10,090	9,400	845	545	595	1,345	1,915	2,075	1,120	570	145	165	60	20	...	...	...	485
Saw & pl'g mills, misc. wood pr.	395	325	70	25	30	55	70	35	25	5	5	...	...	...	...	...	...	20
Furniture and fixtures	2,445	2,270	200	125	155	385	425	275	165	45	35	10	5	...	...	...	...	130
Stone, clay, & glass products	215	210	20	5	15	20	50	55	20	10	5	5	5	...	...	...	...	5
Primary metal industries	355	300	30	10	25	70	75	50	25	10	...	...	...	...	...	...	...	35
Fab'd metal (incl. not spec.)	1,265	1,180	105	75	70	120	280	280	130	85	10	15	10	...	...	...	...	55
Machinery, except electrical	2,770	2,605	215	150	205	420	690	630	195	60	10	20	10	...	...	...	...	130
Electrical mach'y, equip., sup.	330	310	45	10	40	45	45	70	40	10	5	...	...	...	...	...	...	15
Motor vehicles & mtr. veh. eqp.	1,885	1,775	120	95	30	165	215	405	380	200	65	75	15	10	...	...	...	65
Transp. equip., exc. motor veh.	155	130	15	25	...	30	10	25	5	15	...	...	...	...	...	...	...	15
Other durable goods	315	295	25	25	25	35	55	80	25	10	...	...	...	...	...	...	...	15
Non-durable goods	1,630	1,510	125	105	140	140	295	380	175	55	60	15	15	...	...	...	...	110
Food and kindred products	440	405	20	60	95	20	75	95	45	15	15	...	...	...	...	...	...	30
Yarn, thread, & fabric mills	15	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Knit'g. & other textile mill pr.	100	90	5	5	5	20	5	25	...	...	...	...	...	...	...	...	...	10
Apparel & other fab'd text. pr.	25	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paper and allied products	355	340	40	20	15	45	95	60	25	20	15	...	...	...	...	...	...	10
Chemicals and allied products	110	105	5	5	10	5	5	55	20	...	...	...	...	...	...	...	...	5
Leather and leather products	310	295	20	10	25	20	85	75	45	10	5	...	...	...	...	...	...	15
Other non-durable goods	275	235	30	5	20	25	30	65	35	10	5	...	...	...	...	...	...	40
Not specified mfg. industries	35	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nonmanufacturing (incl. not rpt'd.)	1,090	1,025	115	60	65	85	225	260	125	45	10	10	10	5	...	...	...	20
Trans. commun., other pub. util.	255	235	...	...	...	25	35	115	35	10	5	...	...	...	...	...	...	20
Wholesale and retail trade	485	465	55	20	25	40	150	85	20	5	...	...	...	...	...	...	...	15
Other ind. (incl. not rpt'd.)	350	325	60	35	35	20	40	60	40	15	...	...	...	...	...	...	...	20
Private household workers	95	90	30	15	20	5	5	10	...	...	...	...	...	...	...	...	...	...
Service wkrs., exc. priv. hshld.	4,175	3,765	765	355	345	515	575	620	240	220	25	75	...	...	...	...	...	215
Barbers, beauticians, & manicurists	380	330	15	20	30	25	90	80	25	35	...	5	...	...	...	...	...	40
Charwomen, janitors, and porters	1,315	1,235	250	125	160	310	195	90	35	55	...	15	...	...	...	...	...	66.5
Cooks, except private household	280	250	25	25	30	30	50	30	10	...	...	...	...	...	...	...	...	25
Elevator operators	95	90	15	5	20	15	20	10	...	5	...	...	...	...	...	...	...	...
Firemen, fire protection	235	230	10	...	10	10	15	125	45	10	5	...	...	...	...	...	...	20
Guards and watchmen	385	360	30	15	30	25	65	70	40	45	15	25	...	...	...	...	...	10
Police, sheriffs, and marshals	260	250	5	...	20	30	130	45	10	...	...	...	...	...	...	...	...	50
Waiters, bartenders, & counter wkrs.	485	400	45	75	35	35	70	60	15	40	5	15	...	...	...	...	...	35
Other service wkrs., exc. priv. hshld.	740	620	370	85	30	45	40	25	5	10	...	...	...	...	...	...	...	42.6
Farm laborers and foremen	1,165	880	455	95	95	110	65	30	15	...	5	10	...	...	...	...	...	95
Farm laborers, unpaid family wkrs.	240	100	70	10	10	...	5	5	...	...	...	...	...	...	...	...	...	15
Farm labor, exc. unpaid, & foremen	925	780	385	85	85	110	60	25	15	...	5	10	...	...	...	...	...	80
Laborers, except farm and mine	4,685	4,130	820	395	370	725	695	645	270	120	55	20	5	5	...	...	...	280
Fishermen and oystermen	10	10	...	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...
Longshoremen and stevedores	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lumbermen, raftsmen, wood choppers	20	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25
Other skilled laborers	420	355	95	55	30	25	85	40	15	5	...	...	...	...	...	...	...	...
Laborers (n.e.c.)	4,235	3,750	725	335	335	695	610	600	255	110	55	15	5	5	...	...	...	255
Manufacturing	1,715	1,555	235	130	125	305	290	270	120	45	25	5	...	...	...	...	...	85
Durable goods	1,360	1,220	205	105	100	250	235	180	90	25	25	...	...	...	...	...	...	70
Furn., saw & pl'g mills, w'd pr.	235	210	40	10	30	35	50	35	...	...	5	...	...	...	...	...	...	10
Stone, clay, & glass products	85	65	...	...	10	30	...	15	...	...	...	...	...	...	...	...	...	15
Primary metal industries	115	110	15	5	35	20	10	5	...	...	...	...	...	...	...	...	...	...
Fab'd metal (incl. not spec.)	235	210	60	10	40	55	15	20	...	...	...	...	...	...	...	...	...	10
Machinery, incl. electrical	350	300	50	35	35	65	45	30	20	5	15	...	...	...	...	...	...	30
Transportation equipment	320	305	35	25	5	45	65	85	25	15	5	...	...	...	...

MICHIGAN

Table 78.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by occupation from complete count, see table 73. "N.e.c." means not elsewhere classified. Percent not shown where less than 0.1; percent and median not shown where base is less than 500]

Area, occupation, and sex	Total, 14 years old and over (includes persons without income)	Persons with income														Income not reported	Worked in 1949 — Percent with 50 to 52 weeks			
		Total	\$1 to \$999 or less	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over			Median income (dol.)		
GRAND RAPIDS																				
Female, exp. civ. labor force...	32,930	27,415	8,045	3,705	4,820	5,010	2,850	1,515	610	405	180	140	45	45	45	1,703	2,055	53.2		
Profess'l, techn'l, kindred wkrs...	4,140	3,370	770	245	285	595	545	350	240	220	65	35	10	10	...	2,324	250	40.1		
Accountants and auditors.....	195	180	10	...	45	35	30	35	5	5	5	5	5	...	...	...	15	...
Actresses, dancers, entert. (n.e.c.)...	65	15	10	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
Artists and art teachers.....	65	55	20	10	5	5	10	...	...	...	...	...	...	...	...	...	5	...
Authors, editors, and reporters...	40	30	10	10	5	5	...	...	...	...	...	...	...	...	...	...	5	...
Chemists & natural scientists (n.e.c.)...	30	25	...	...	...	5	...	10	10	...	...	...	...	...	...	...	5	...
College pres., prof'rs, instr's (n.e.c.)...	50	30	...	5	...	5	5	...	5	10	...	...	...	...	...	...	...	...
Designers and draftsmen.....	20	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...
Dietitians and nutritionists.....	40	35	10	...	5	5	10	...	...	...	...	...	...	...	...	...	...	...
Lawyers and judges.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Librarians.....	105	75	20	...	...	10	15	10	10	10	...	...	...	...	...	...	10	...
Musicians and music teachers.....	155	140	70	30	20	5	5	...	10	...	...	...	...	...	...	...	5	...
Nurses, professional.....	875	745	155	65	65	170	180	75	15	15	...	5	...	...	...	2,257	60	59.5
Nurses, student professional.....	230	130	100	25	...	...	...	5	...	...	...	...	...	...	...	...	5	...
Physicians and surgeons.....	5	5	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Social scientists.....	5	5	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
Social, welfare, & recreation workers.....	100	85	15	10	10	20	15	...	5	...	...	5	...	5	...	...	10	...
Teachers (n.e.c.).....	1,665	1,430	215	65	65	280	250	180	145	160	55	15	...	...	...	2,680	80	20.8
Technicians, medical and dental.....	85	70	15	5	20	10	5	10	5	...	...	...	...	...	...	...	10	...
Therapists and healers (n.e.c.).....	35	25	5	5	...	5	...	10	...	...	...	...	...	...	...	...	10	...
Other profess'l, tech., kindred wkrs.....	410	280	105	15	40	25	20	15	30	15	5	5	...	5	...	...	20	...
Farmers and farm managers.....	65	45	25	5	10	...	...	5	...	...	...	...	...	...	...	...	5	...
Mgrs, off., & prop'rs, exc. farm.....	1,090	885	175	95	115	140	100	100	40	30	20	25	5	20	20	2,205	115	77.8		
Specified managers and officials.....	235	195	...	10	50	25	35	30	20	5	10	5	...	5	...	...	30	...
Mgrs, off., prop's. (n.e.c.)—salaried.....	395	345	65	50	35	55	35	20	20	20	5	...	5	...	...	...	25	...
Wholesale and retail trade.....	180	160	30	15	20	30	15	25	15	5	...	...	...	...	...	...	5	...
Other industries (incl. not rptd.).....	215	185	35	35	15	25	30	10	5	15	...	5	...	...	...	...	10	...
Mgr, off., prop. (n.e.c.)—self-employed.....	460	345	110	35	30	60	20	35	...	5	10	15	5	10	10	...	60	...		
Eating and drinking places.....	100	70	20	...	10	25	10	...	...	...	5	...	...	...	...	...	20	...
Wh. & ret. trade, exc. eat. & drink.....	240	180	70	25	10	25	...	25	...	5	5	...	5	10	5	...	25	...		
Other industries (incl. not rptd.).....	120	95	20	10	10	10	10	10	...	5	...	15	...	...	...	...	15	...
Clerical and kindred workers.....	9,385	8,260	1,700	800	1,855	2,095	1,015	430	130	95	60	55	10	10	5	1,939	530	67.8		
Bookkeepers.....	1,095	935	155	70	195	230	165	65	20	10	10	5	5	5	...	2,103	60	71.6		
Cashiers.....	535	460	155	85	80	85	35	15	...	5	...	...	...	...	...	...	25	...
Stenographers, typists, secretaries.....	2,960	2,640	445	210	685	680	345	165	50	25	5	30	...	...	...	1,985	150	72.4
Telephone operators.....	620	575	70	35	100	225	60	30	25	20	5	5	...	...	...	2,183	20	79.6
Other clerical and kindred workers.....	4,205	3,650	875	400	795	875	410	155	35	35	40	15	5	5	5	1,846	275	63.9		
Sales workers.....	3,165	2,520	1,075	425	455	295	130	80	25	20	5	5	...	...	...	1,218	175	49.4
Insur. & real est. agents & brokers.....	115	105	30	15	25	10	5	15	...	5	...	...	...	...	...	...	10	...
Other specified sales workers.....	85	40	25	10	...	5	...	...	...	...	...	...	...	...	...	...	5	...
Salesmen & sales clerks (n.e.c.), retail.....	2,790	2,230	975	375	415	250	115	55	20	10	5	5	5	...	...	1,187	140	48.7
Salesmen & clerks (n.e.c.), exc. retail.....	175	145	45	25	15	30	10	10	5	...	...	...	...	...	...	...	20	...
Craftsmen, foremen, kindred wkrs.....	715	600	105	90	150	120	40	55	10	5	5	10	5	...	...	1,850	60	59.2
Foremen (n.e.c.).....	125	115	...	5	15	45	5	25	5	5	5	...	5	...	...	...	10	...
Other craftsmen and kindred workers.....	590	485	105	85	135	75	35	30	5	...	...	10	...	...	...	...	50	...
Operatives and kindred workers.....	7,530	6,560	1,535	1,005	1,135	1,425	880	440	105	20	10	...	...	...	5	1,826	465	44.7
Dressmakers & seamstr., exc. factory.....	335	255	90	55	55	35	15	5	35	...	
Laundry and dry cleaning operatives.....	665	570	205	160	105	65	15	15	5	1,250	20	52.2	
Spinners and weavers, textile.....	10	10	...	...	...	5	...	5	...	...	...	...	...	...	...	...	...	...
Other spec. operat. & kindred wkrs.....	690	590	125	70	60	120	120	55	20	10	10	1,267	95	46.7	
Operatives & kindred wkrs. (n.e.c.).....	5,830	5,135	1,115	720	915	1,200	730	360	80	10	1,900	355	43.7	
Manufacturing.....	5,505	4,845	1,005	660	855	1,175	705	350	80	10	5	1,943	335	43.4
Durable goods.....	3,865	3,360	650	400	500	815	610	320	50	10	5	2,080	265	42.1
Metal industries.....	1,150	930	190	75	130	255	170	100	10	2,137	120	41.0
Machinery, incl. electrical.....	920	805	195	140	130	175	120	45	1,760	70	37.2
Other durable goods.....	1,795	1,625	265	185	240	385	320	175	40	10	5	2,159	75	45.3
Nondurable goods.....	1,610	1,470	350	260	350	360	90	30	30	1,679	65	46.2
Food and kindred products.....	400	355	95	55	95	90	20	15	...
Knitting mills.....	220	195	55	40	75	25	15	...
Textile mill prod., exc. knit.....	150	140	30	40	40	25	5	10	...
Apparel & other fab'd text. pr.....	255	235	65	50	40	55	20	...	5	10	...
Leather and leather products.....	100	85	10	5	15	50	...	5	5	...
Other nondurable goods.....	485	460	95	70	85	115	50	25	20	10	...
Not specified mfg. industries.....	30	15	5	...	5	...	5	5	...
Nonmanufacturing (incl. not rptd.).....	325	290	110	60	60	25	25	10	20	...
Private household workers.....	2,065	1,485	1,145	195	105	20	5	10	5	648	130	42.5	
Private household wkrs—living in.....	440	365	245	75	35	...	5	30	...	
Private household wkrs—living out.....	1,625	1,120	900	120	70	20	...	10	622	100	35.7	
Service wkrs, exc. priv. hshld.....	3,885	3,215	1,320	790	615	240	100	35	60	15	15	10	10	5	1,182	225	50.2	
Attendants, hospital & other instr'n.....	145	110	65	25	10	10	10	...
Barbers, beauticians, & manicurists.....	280	230	35	65	60	20	15	25	5	5	45	...
Charwomen, janitors, and porters.....	435	370	150	95	70	40	20	...
Cooks, except private household.....	300	235	70	45	70	25	10	...												

DETAILED CHARACTERISTICS

Table 79.—DETAILED INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE AND OF EMPLOYED PERSONS, BY SEX, FOR THE STATE, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950

Detailed industry	The State				Standard metropolitan areas							
	Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total, 14 years old and over.....	1,885,399	640,482	1,784,704	607,143	942,129	326,463	884,486	307,794	83,877	27,829	82,148	26,326
Agriculture, forestry, and fisheries.....	153,627	10,904	150,943	10,672	9,138	950	8,744	919	2,323	141	2,279	140
Agriculture.....	151,388	10,801	148,881	10,575	8,997	939	8,612	909	2,317	141	2,273	140
Forestry.....	717	42	647	37	97	4	94	3	4	...	4	...
Fisheries.....	1,522	61	1,415	60	44	7	38	7	2	...	2	...
Mining.....	15,722	328	15,089	320	916	80	851	74	79	4	73	4
Metal mining.....	9,735	127	9,477	125	42	7	37	5	...	2	...	2
Coal mining.....	191	15	126	14	96	12	51	12	4	...	1	...
Crude petroleum and natural gas extraction.....	2,999	90	2,803	90	97	9	93	9	20	1	20	1
Nonmetallic mining and quarrying, except fuel.....	2,797	96	2,683	91	681	52	670	48	55	1	52	1
Construction.....	125,368	3,916	114,575	3,764	59,502	2,043	55,432	1,963	3,906	140	3,690	134
Manufacturing.....	867,618	162,807	823,098	155,033	509,730	87,340	477,419	82,355	52,599	8,346	52,331	8,219
Durable goods.....	731,395	117,971	690,345	112,125	450,309	68,813	419,608	64,680	50,108	7,846	49,868	7,732
Lumber and wood products, except furniture.....	20,752	1,522	17,731	1,447	2,103	288	1,959	278	130	11	124	11
Logging.....	6,416	82	4,479	72	64	11	53	11	8	1	6	1
Sawmills, planing mills, and mill work.....	9,701	578	8,942	555	1,167	108	1,091	106	101	6	98	6
Miscellaneous wood products.....	4,635	862	4,310	820	872	169	815	161	21	4	20	4
Furniture and fixtures.....	17,681	3,865	17,090	3,706	2,255	583	2,144	550	78	25	74	25
Stone, clay, and glass products.....	11,187	2,288	10,893	2,235	4,801	1,495	4,689	1,458	188	13	181	13
Glass and glass products.....	1,372	317	1,333	303	893	231	865	40	6	6	6	6
Cement, and concrete, gypsum, and plaster products.....	5,056	216	4,921	212	1,180	90	1,159	88	103	4	100	4
Structural clay products.....	1,015	119	977	114	603	83	586	78	12	...	10	...
Pottery and related products.....	460	360	447	356	292	324	285	320	...	1	...	1
Misc. nonmetallic mineral and stone products.....	3,284	1,276	3,215	1,250	1,833	767	1,794	750	33	2	31	2
Metal industries.....	106,743	16,522	103,327	15,959	58,488	8,818	56,783	8,542	579	93	569	91
Primary metal industries.....	58,895	5,347	56,987	5,167	31,608	3,000	30,807	2,922	294	29	288	29
Blast furnaces, steel works, and rolling mills.....	16,869	1,080	16,500	1,058	16,448	1,043	16,097	1,022	6	1	6	1
Other primary iron and steel industries.....	28,951	1,998	27,699	1,916	8,855	869	8,528	840	264	18	259	18
Primary nonferrous industries.....	13,075	2,269	12,788	2,193	6,305	1,088	6,182	1,060	24	10	23	10
Fabricated metal industries (incl. not spec. metal).....	47,848	11,175	46,340	10,792	26,880	5,818	25,976	5,620	285	64	281	62
Fabricated steel products.....	44,252	10,579	42,886	10,219	24,789	5,469	23,964	5,284	263	63	260	61
Fabricated nonferrous metal products.....	2,926	470	2,800	450	1,728	299	1,655	287	21	1	20	1
Not specified metal industries.....	126	654	123	654	363	50	357	49	1	...	1	...
Machinery, except electrical.....	94,096	16,065	91,771	15,583	45,299	8,146	44,091	7,924	551	166	545	160
Agricultural machinery and tractors.....	3,427	478	3,357	461	1,071	238	1,044	228	19	2	19	2
Office and store machines and devices.....	6,049	2,342	5,938	2,270	4,877	1,922	4,797	1,874	25	6	25	6
Miscellaneous machinery.....	84,620	13,245	82,476	12,852	39,351	5,986	38,250	5,822	507	158	501	152
Electrical machinery, equipment, and supplies.....	12,729	7,125	12,319	6,859	5,832	2,374	5,667	2,286	70	45	69	43
Transportation equipment.....	454,338	64,189	423,823	60,222	325,226	44,188	298,162	40,869	48,347	7,432	48,144	7,329
Motor vehicles and motor vehicle equipment.....	446,422	63,059	416,223	59,194	322,192	43,746	295,278	40,488	48,118	7,397	47,117	7,295
Aircraft and parts.....	3,400	588	3,280	516	1,479	221	1,415	174	4	22	4	22
Ship and boat building and repairing.....	3,073	248	2,948	248	987	90	933	87	18	5	17	5
Railroad and misc. transportation equipment.....	1,443	294	1,366	272	568	131	536	120	189	26	188	25
Professional and photographic equipment, and watches.....	2,908	1,117	2,841	1,090	1,633	495	1,600	484	32	18	32	18
Professional equipment and supplies.....	1,862	665	1,846	650	1,221	367	1,195	359	24	15	24	15
Photographic equipment and supplies.....	619	290	595	281	89	89	276	86	3	1	3	1
Watches, clocks, and clockwork-operated devices.....	407	162	400	159	131	39	129	95	2	5	2	5
Miscellaneous manufacturing industries.....	10,961	5,278	10,550	5,024	4,672	2,426	4,513	2,289	133	43	130	42
Nondurable goods.....	130,565	43,060	127,547	41,289	56,693	17,667	55,306	16,883	2,446	485	2,420	473
Food and kindred products.....	37,794	12,173	36,487	11,480	15,992	5,009	15,426	4,748	849	146	837	143
Meat products.....	4,881	1,313	4,704	1,245	2,667	788	2,548	747	113	22	111	22
Dairy products.....	6,444	1,040	6,330	1,011	2,251	410	2,215	395	173	23	173	23
Canning & preserving fruits, vegetables, & sea foods.....	2,669	1,582	2,425	1,307	943	206	920	181	9	6	8	6
Grain-mill products.....	4,988	2,338	4,939	2,283	360	98	356	96	27	3	26	3
Bakery products.....	8,332	3,449	8,090	3,334	4,496	1,958	4,359	1,889	309	73	306	70
Confectionery and related products.....	518	722	500	661	348	592	337	540	7	5	7	5
Beverage industries.....	6,449	466	6,175	440	4,640	321	4,434	300	184	7	180	7
Misc. food preparations and kindred products.....	2,303	633	2,141	592	614	408	583	387	17	5	16	5
Not specified food industries.....	1,210	630	1,183	607	373	228	364	213	10	2	10	2
Tobacco manufactures.....	314	448	306	428	237	385	231	367	8	4	8	4
Textile mill products.....	2,922	2,137	2,843	2,014	1,217	516	1,179	473	197	15	195	15
Knitting mills.....	450	901	433	838	50	47	49	38	1	3	1	3
Dyeing and finishing textiles, except knit goods.....	87	10	85	10	41	4	40	4	...	1	...	...
Carpets, rugs, and other floor coverings.....	403	132	397	126	293	48	288	45	4	5	4	5
Yarn, thread, and fabric mills.....	1,226	755	1,187	715	439	221	417	197	56	3	56	3
Miscellaneous textile mill products.....	756	339	741	325	394	196	385	189	135	4	133	4
Apparel and other fabricated textile products.....	2,161	6,048	2,074	5,695	1,125	1,850	1,067	1,711	36	34	36	32
Apparel and accessories.....	1,401	5,291	1,344	4,998	603	1,343	570	1,246	15	18	15	16
Miscellaneous fabricated textile products.....	760	757	730	697	522	507	497	465	21	16	21	16
Paper and allied products.....	20,447	5,449	20,032	5,302	2,154	931	2,101	884	24	11	24	11
Pulp, paper, and paperboard mills.....	13,132	2,295	12,848	2,245	655	167	636	160	2	...	2	...
Paperboard containers and boxes.....	2,382	1,052	2,310	999	571	336	555	318	14	9	14	9
Miscellaneous paper and pulp products.....	4,933	2,102	4,874	2,058	928	428	910	406	8	2	8	2
Printing, publishing, and allied industries.....	24,883	6,824	24,410	6,656	13,741	3,533	13,430	3,418	899	218	891	213
Chemicals and allied products.....	25,484	5,630	25,099	5,478	12,560	3,464	12,335	3,364	400	52	396	50
Synthetic fibers.....	15	6	15	6	9	2	9	2	...	...	...	...
Drugs and medicines.....	2,959	2,213	2,914	2,183	1,539	1,368	1,304	1,341	14	2	14	2
Paints, varnishes, and related products.....	2,780	545	2,729	533	2,045	464	2,006	455	292	24	290	24
Miscellaneous chemicals and allied products.....	19,730	2,866	19,441	2,756	8,967	1,630	8,816	1,566	94	26	92	24
Petroleum and coal products.....	3,509	488	3,466	480	2,166	325	2,144	320	19	2	19	2
Petroleum refining.....	3,167	452	3,128	445	1,899	301	1,880	296	18	2	18	2
Miscellaneous petroleum and coal products.....	342	36	338	35	267	24	264	24	1	...	1	...
Rubber products.....	9,550	2,410	9,408	2,343	6,899	1,331	6,812	1,293	9	3	9	3
Leather and leather products.....	3,501	1,453	3,422	1,413	602	323	581	305	5	...	5	...
Leather: tanned, curried, and finished.....	2,080	254	1,971	247	45	20	43	18	1	...	1	...
Footwear, except rubber.....	796	571	778	556	107	16	97	11	1	...	1	...
Leather products, except footwear.....	685	628	673	610	450	287	441	276	3	...	3	...
Not specified manufacturing industries.....	5,658	1,776	5,206	1,619	2,728	860	2,505	792	45	15	43	14

Table 79.—DETAILED INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE AND OF EMPLOYED PERSONS, BY SEX, FOR THE STATE, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

Detailed industry	The State				Standard metropolitan areas							
	Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport, communication, & other public utilities	127,536	27,885	123,547	27,344	65,011	15,642	63,117	15,333	3,573	786	3,522	772
Transportation	85,128	7,383	81,825	7,167	41,849	4,836	40,283	4,709	2,427	217	2,384	214
Railroads and railway express service	31,754	2,777	30,813	2,716	12,188	2,157	11,854	2,124	594	19	590	19
Street railways and bus lines	10,849	867	10,625	842	8,062	585	7,897	568	267	40	265	40
Trucking service	25,710	1,749	24,609	1,705	12,680	959	12,119	929	1,179	75	1,153	75
Warehousing and storage	2,572	529	2,483	504	1,383	302	1,330	290	62	11	62	11
Taxicab service	5,826	519	5,550	496	3,812	263	3,668	250	266	58	258	56
Water transportation	5,671	237	5,094	217	2,308	150	2,043	137	17	1	16	1
Air transportation	1,659	425	1,614	416	842	270	824	264	33	5	31	4
Petroleum and gasoline pipe lines	159	24	148	20	63	12	60	11	1	...	1	...
Services incidental to transportation	928	256	889	251	511	138	488	136	8	8	8	8
Telecommunications	11,346	15,655	11,181	15,382	6,074	8,085	5,972	7,934	459	422	457	411
Telephone (wire and radio)	10,047	14,972	9,957	14,720	5,268	7,610	5,223	7,473	411	408	409	397
Telegraph (wire and radio)	1,299	683	1,224	662	806	475	749	461	48	14	48	14
Utilities and sanitary services	31,062	4,847	30,541	4,795	17,088	2,721	16,862	2,690	687	147	681	147
Electric light and power, and electric-gas utilities	18,712	3,328	18,463	3,302	9,173	1,662	9,077	1,645	455	127	452	127
Gas and steam supply systems	4,699	924	4,619	912	3,007	660	2,970	654	6	6	51	6
Water supply	2,568	229	2,531	226	1,504	137	1,486	154	80	11	79	11
Sanitary services	4,533	106	4,386	98	3,036	50	2,967	47	100	2	99	2
Other and not specified utilities	550	260	542	257	368	192	362	190	...	1	...	1
Wholesale and retail trade	277,860	158,674	269,302	151,869	139,571	83,988	134,690	79,968	11,035	6,863	10,898	6,699
Wholesale trade	56,251	11,775	54,854	11,454	28,647	7,018	27,942	6,800	1,859	289	1,842	287
Motor vehicles and equipment	2,368	501	2,290	485	1,418	308	1,373	308	60	13	59	13
Drugs, chemicals, and allied products	2,510	1,161	2,451	1,127	1,687	879	1,642	848	59	11	58	11
Dry goods and apparel	1,001	473	978	456	674	308	657	298	30	9	30	8
Food and related products	15,971	2,842	15,555	2,750	8,011	1,649	7,802	1,592	548	75	544	74
Electrical goods, hardware, and plumbing equipment	5,230	1,412	5,148	1,384	2,935	821	2,881	809	180	42	178	42
Machinery, equipment, and supplies	4,089	894	4,025	873	2,268	540	2,231	524	156	27	154	27
Petroleum products	4,932	715	4,854	708	1,697	310	1,670	308	183	27	181	27
Farm products—raw materials	2,654	421	2,599	418	329	66	321	65	81	7	80	7
Miscellaneous wholesale trade	16,215	2,916	15,702	2,832	8,864	1,818	8,617	1,757	519	61	515	61
Not specified wholesale trade	1,281	440	1,252	421	764	319	748	305	43	17	43	17
Retail trade	221,609	146,899	214,448	140,415	110,924	76,970	106,748	73,168	9,176	6,574	9,056	6,412
Food stores, except dairy products	44,982	24,234	43,682	23,621	23,115	12,535	22,332	12,155	1,822	960	1,806	947
Dairy products stores and milk retailing	5,497	1,273	5,407	1,235	2,477	651	2,430	629	298	89	298	85
General merchandise stores	12,379	26,300	11,988	25,222	7,436	16,298	7,196	15,584	378	915	372	896
Five and ten cent stores	1,878	7,971	1,830	7,553	972	4,048	949	3,809	76	390	75	381
Apparel and accessories stores, except shoe stores	7,917	13,922	7,667	13,479	4,491	7,498	4,302	7,217	303	691	302	679
Shoe stores	2,939	1,048	2,866	1,018	1,623	485	1,574	467	109	66	108	66
Furniture and housefurnishings stores	7,596	2,598	7,397	2,532	3,981	1,334	3,845	1,289	359	152	355	150
Household appliance and radio stores	7,265	1,746	7,108	1,700	3,441	886	3,358	858	314	93	306	91
Motor vehicles and accessories retailing	21,742	3,063	21,197	2,985	10,992	1,692	10,661	1,635	1,122	159	1,110	159
Gasoline service stations	20,415	789	19,806	776	8,552	269	8,262	260	969	29	954	29
Drug stores	6,949	6,710	6,777	6,411	3,502	3,436	3,389	3,251	321	278	318	273
Eating and drinking places	31,779	29,716	29,961	36,916	18,467	19,562	17,292	18,031	983	1,947	957	1,867
Hardware and farm implement stores	8,397	1,715	8,293	1,678	5,250	555	5,111	539	329	69	327	69
Lumber and building material retailing	15,733	1,951	15,152	1,923	6,898	885	6,646	871	750	105	734	104
Liquor stores	1,322	299	1,298	291	774	199	754	192	47	26	46	26
Retail florists	1,334	1,086	1,303	1,060	754	523	732	506	56	67	56	67
Jewelry stores	2,618	1,410	2,546	1,350	1,382	728	1,333	688	111	51	111	50
Fuel and ice retailing	6,678	815	6,403	797	3,151	374	3,037	370	267	40	262	39
Miscellaneous retail stores	10,562	5,666	10,303	5,535	4,847	2,490	4,725	2,419	436	266	433	261
Not specified retail trade	3,617	4,587	3,464	4,333	1,819	2,522	1,720	2,392	126	181	126	173
Finance, insurance, and real estate	37,205	28,463	36,561	27,856	21,787	18,069	21,377	17,621	1,376	1,017	1,361	1,001
Banking and credit agencies	8,380	9,982	8,289	9,860	4,614	5,761	4,560	5,677	333	452	330	447
Security & commodity brokerage, & investment companies	1,283	614	1,265	601	889	419	874	408	15	20	15	20
Insurance	13,938	10,456	13,810	10,249	7,737	6,537	7,651	6,384	549	294	547	288
Real estate (incl. real estate-insurance-law offices)	13,604	7,411	13,197	7,146	8,547	5,352	8,292	5,152	479	251	469	246
Business and repair services	49,239	8,156	47,317	7,909	24,364	5,477	23,342	5,300	1,533	231	1,512	228
Advertising	3,900	2,295	3,801	2,197	3,061	2,014	2,982	1,926	54	12	53	12
Accounting, auditing, and bookkeeping services	2,691	1,063	2,639	1,054	1,725	613	1,689	610	89	66	87	66
Miscellaneous business services	6,430	3,031	6,226	2,953	4,215	1,990	4,071	1,936	190	102	190	100
Automobile repair services and garages	25,768	963	24,611	923	10,427	417	9,871	397	894	29	878	29
Miscellaneous repair services	10,450	804	10,040	782	4,936	443	4,729	431	306	22	304	21
Personal services	39,984	79,052	38,465	74,336	20,718	40,067	19,884	37,474	1,338	3,236	1,314	3,135
Private households	4,146	44,087	3,832	40,897	1,999	21,692	1,863	19,996	99	1,917	94	1,839
Hotels and lodging places	9,411	9,527	8,902	9,000	3,882	4,247	3,665	3,990	193	307	190	303
Laundering, cleaning, and dyeing services	12,381	14,779	11,964	14,069	7,657	8,700	7,358	8,244	473	564	467	550
Dressmaking shops	79	1,357	77	1,310	47	514	46	493	7	59	7	59
Shoe repair shops	2,240	161	2,180	159	1,226	73	1,186	73	84	11	83	11
Miscellaneous personal services	11,727	9,141	11,510	8,901	5,907	4,841	5,766	4,678	482	378	473	373
Entertainment and recreation services	17,049	5,899	15,927	5,649	9,342	3,312	8,697	3,149	706	268	686	264
Radio broadcasting and television	1,288	429	1,262	421	604	221	588	217	77	18	75	18
Theaters and motion pictures	3,965	2,836	3,805	2,705	2,350	1,533	2,237	1,448	144	113	144	113
Bowling alleys, and billiard and pool parlors	5,719	381	5,288	364	2,774	187	2,575	176	264	19	251	18
Miscellaneous entertainment and recreation services	6,077	2,253	5,572	2,158	3,614	1,371	3,297	1,308	221	118	216	115
Professional and related services	76,850	112,632	75,824	111,195	33,801	49,812	33,312	49,055	2,314	4,357	2,297	4,333
Medical and other health services, except hospitals	11,938	14,269	11,862	13,986	5,809	6,095	5,773	5,949	415	552	412	547
Hospitals	11,544	32,568	11,287	31,947	5,473	15,401	5,368	15,070	176	1,254	172	1,243
Legal services	4,515	2,650	4,464	2,612	2,825	1,517	2,793	1,490	116	80	116	79
Educational services, government	25,592	41,798	25,384	41,554	8,068	16,071	8,004	15,969	734	1,682	729	1,677
Educational services, private	5,893	11,572	5,807	11,472	2,921	5,448	2,870	5,392	322	430	322	428
Welfare and religious services	8,704	5,544	8,607	5,486	3,537	2,745	3,487	2,707	369	228	367	228
Nonprofit membership organizations	4,135	3,131	4,010	3,068	2,051	1,790	1,988	1,749	110	116	107	116
Engineering and architectural services	3,222	535	3,153	525	2,172	393	2,127	388	56	4	56	4
Miscellaneous professional and related services	1,307	565	1,250	550	945	352	902	341	16	11		

DETAILED CHARACTERISTICS

Table 79.—DETAILED INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE AND OF EMPLOYED PERSONS, BY SEX, FOR THE STATE, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

Detailed industry	Standard metropolitan areas—Con.															
	Grand Rapids				Jackson				Kalamazoo				Lansing			
	Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total, 14 years old and over.....	84,576	33,544	81,720	32,193	29,258	11,263	27,627	10,637	35,584	15,086	34,544	14,616	48,392	20,568	45,959	19,625
Agriculture, forestry, and fisheries.....	4,148	171	4,078	164	2,444	125	2,384	119	2,161	114	2,113	114	2,745	199	2,623	194
Agriculture.....	4,122	168	4,052	162	2,440	123	2,380	117	2,148	112	2,103	112	2,703	194	2,584	189
Forestry.....	21	3	21	2	4	1	4	1	9	1	8	1	37	4	34	4
Fisheries.....	5	...	5	...	...	1	...	1	4	1	2	1	5	1	5	1
Mining.....	241	10	231	10	28	1	26	1	34	3	33	3	40	3	34	3
Metal mining.....	1	...	...	...	1	...	1	...	...	1	...	1	1	1	...	1
Coal mining.....	5	1	5	1	4	...	3	...	1	...	1	...	4	...	2	...
Crude petroleum and natural gas extraction.....	118	6	115	6	2	...	2	...	10	1	9	1	10	1	9	1
Nonmetallic mining and quarrying, except fuel.....	117	3	111	3	21	1	20	1	23	1	23	1	25	1	23	1
Construction.....	6,116	172	5,796	168	1,777	61	1,570	60	3,180	107	2,986	106	3,841	346	3,307	338
Manufacturing.....	36,512	9,669	35,627	9,351	11,128	3,050	10,692	2,886	15,103	4,847	14,881	4,761	18,326	2,482	17,796	2,422
Durable goods.....	29,403	6,560	28,686	6,335	8,969	2,029	8,587	1,894	5,762	1,204	5,624	1,175	16,824	2,020	16,330	1,975
Lumber and wood products, except furniture.....	1,017	198	990	191	47	4	43	4	94	24	87	23	77	...	73	...
Logging.....	15	2	15	2	5	...	4	...	3	...	1	...	11	...	11	...
Sawmills, planing mills, and mill work.....	645	129	633	126	35	2	32	2	59	4	56	4	50	...	46	...
Miscellaneous wood products.....	357	67	342	63	7	2	7	2	32	20	30	19	16	...	16	...
Furniture and fixtures.....	6,864	1,196	6,651	1,148	86	46	80	45	60	16	58	15	49	8	45	8
Stone, clay, and glass products.....	566	48	549	46	419	57	411	55	146	10	141	10	100	12	93	12
Glass and glass products.....	101	27	94	25	11	1	11	1	11	2	11	2	14	4	14	4
Cement, and concrete, gypsum, and plaster products.....	378	13	368	13	106	...	104	...	101	6	97	6	56	3	50	5
Structural clay products.....	35	2	35	2	6	...	6	...	5	...	5	...	6	...	5	...
Pottery and related products.....	7	...	7	...	...	...	...	...	2	...	2	...	2	...	2	...
Misc. nonmetallic mineral and stone products.....	45	6	45	6	296	56	290	54	27	2	26	2	22	3	22	3
Metal industries.....	5,841	1,850	5,684	1,787	1,563	272	1,466	226	2,209	247	2,151	245	1,800	126	1,750	122
Primary metal industries.....	1,361	251	1,297	237	444	17	431	17	523	35	508	35	1,370	48	1,344	47
Blast furnaces, steel works, and rolling mills.....	44	5	43	5	3	...	3	...	18	8	17	8	7	...	6	...
Other primary iron and steel industries.....	691	49	644	46	348	14	335	14	440	24	427	24	1,351	47	1,277	46
Primary nonferrous industries.....	626	197	610	186	93	3	93	3	65	3	64	3	12	1	11	1
Fabricated metal industries (incl. not spec. metal).....	4,480	1,599	4,387	1,580	1,119	255	1,035	209	1,686	212	1,643	210	630	78	606	75
Fabricated steel products.....	4,212	1,515	4,029	1,470	1,060	241	978	197	1,581	203	1,539	201	590	77	570	74
Fabricated nonferrous metal products.....	184	33	180	21	58	14	56	12	96	8	95	8	39	...	35	...
Not specified metal industries.....	174	51	169	49	1	1	1	...	9	1	9	1	1	1	1	1
Machinery, except electrical.....	7,287	1,285	7,182	1,250	1,549	152	1,489	138	1,340	209	1,322	204	789	109	771	105
Agricultural machinery and tractors.....	61	11	59	11	147	9	144	9	60	4	59	4	204	63	202	61
Office and store machines and devices.....	584	272	565	256	18	1	18	1	30	3	30	3	16	4	16	4
Miscellaneous machinery.....	6,642	1,002	6,558	983	1,384	142	1,327	128	1,250	202	1,233	197	569	42	553	40
Electrical machinery, equipment, and supplies.....	872	316	861	311	457	489	449	479	218	79	215	78	75	13	72	13
Transportation equipment.....	6,154	1,377	5,988	1,324	4,718	941	4,524	882	1,138	176	1,108	172	13,735	1,723	13,334	1,687
Motor vehicles and motor vehicle equipment.....	5,434	1,148	5,284	1,098	4,555	889	4,367	833	1,035	135	1,008	134	13,659	1,713	13,261	1,678
Aircraft and parts.....	560	183	552	182	127	44	123	42	12	4	10	3	18	1	16	...
Ship and boat building and repairing.....	131	37	123	35	7	1	7	1	3	2	3	2	7	...	7	...
Railroad and misc. transportation equipment.....	29	9	29	9	29	7	27	6	88	35	87	33	51	9	50	9
Professional and photographic equipment, and watches.....	130	30	126	30	38	27	38	26	54	26	54	26	53	13	52	13
Professional equipment and supplies.....	113	25	110	25	28	22	28	21	42	23	42	23	38	7	37	7
Photographic equipment and supplies.....	6	3	6	3	2	2	2	2	7	3	7	3	12	2	12	2
Watches, clocks, and clockwork-operated devices.....	11	2	10	2	8	3	8	3	5	...	5	...	3	4	3	4
Miscellaneous manufacturing industries.....	672	260	655	248	92	41	87	39	503	417	488	402	146	16	140	15
Nondurable goods.....	6,904	3,027	6,751	2,943	1,914	976	1,873	950	9,225	3,588	9,150	3,537	1,472	454	1,438	439
Food and kindred products.....	1,944	679	1,873	652	429	117	427	111	758	171	745	174	562	117	543	113
Meat products.....	235	84	224	77	49	2	48	1	155	44	154	43	48	9	46	9
Dairy products.....	283	44	275	44	55	11	53	11	126	20	126	20	135	26	135	24
Canning & preserving fruits, vegetables, & sea foods.....	54	20	51	16	6	3	6	3	13	3	13	3	27	10	27	10
Grain-mill products.....	99	10	96	10	41	4	41	4	100	17	100	16	14	4	14	4
Bakery products.....	898	466	870	454	164	32	157	28	241	56	231	56	201	38	199	36
Confectionery and related products.....	40	17	37	16	22	53	22	52	13	7	13	7	4	4	4	4
Beverage industries.....	259	25	246	23	52	3	50	3	42	2	41	2	51	4	47	4
Misc. food preparations and kindred products.....	43	9	41	8	44	8	44	8	36	6	35	5	45	9	38	9
Not specified food industries.....	33	4	33	4	6	1	6	1	32	16	32	16	37	13	37	13
Tobacco manufactures.....	18	38	18	38	...	...	...	...	4	1	4	1	2	1	2	1
Textile mill products.....	342	539	331	516	66	38	66	35	23	11	22	10	23	14	21	13
Knitting mills.....	114	335	112	322	3	1	3	1	2	...	2	...	3	2	3	2
Dyeing and finishing textiles, except knit goods.....	6	...	6	...	1	1	1	1	2	...	2	...	3	2	3	2
Carpets, rugs, and other floor coverings.....	40	17	39	15	3	1	3	1	3	...	3	...	7	1	7	1
Yarn, thread, and fabric mills.....	84	113	79	110	14	13	14	11	...	...	...	...	12	10	10	9
Miscellaneous textile mill products.....	98	74	95	69	45	22	45	21	14	10	13	9	1	1	1	1
Apparel and other fabricated textile products.....	141	290	136	276	113	533	110	527	98	291	98	284	11	16	11	14
Apparel and accessories.....	89	251	84	239	107	529	106	523	89	288	89	282	7	8	7	6
Miscellaneous fabricated textile products.....	52	39	52	37	6	4	6	4	9	3	9	2	4	4	4	4
Paper and allied products.....	975	365	954	361	18	9	18	7	6,068	2,116	6,020	2,081	8	4	7	4
Pulp, paper, and paperboard mills.....	319	60	313	58	4	...	4	...	3,557	964	3,527	949	6	...	5	...
Paperboard containers and boxes.....	487	169	474	167	10	8	10	7	140	151	140	140	1	1	1	1
Miscellaneous paper and pulp products.....	169	136	167	136	4	1	4	...	2,371	1,001	2,353	992	1	3	1	3
Printing, publishing, and allied industries.....	1,935	580	1,910	570	326	80	320	80	737	183	731	181	672	268	665	262
Chemicals and allied products.....	492	94	484	92	66	14	63	12	1,445	799	1,439	797	154	27	148	25
Synthetic fibers.....	1	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...
Drugs and medicines.....	50	18	49	18	5	...	5	...	1,160	731	1,156	730	15	5	15	3
Paints, varnishes,																

Table 79.—DETAILED INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE AND OF EMPLOYED PERSONS, BY SEX, FOR THE STATE, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

Detailed industry	Standard metropolitan areas—Con.															
	Grand Rapids				Jackson				Kalamazoo				Lansing			
	Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport, communication, & other public utilities	6,831	1,443	6,718	1,420	3,547	757	3,417	750	2,294	409	2,259	399	2,669	634	2,579	613
Transportation	4,890	409	4,798	392	2,266	96	2,150	94	1,406	98	1,378	94	1,552	134	1,478	127
Railroads and railway express service	2,369	113	2,333	105	1,567	47	1,484	47	442	25	433	23	353	19	334	17
Street railways and bus lines	353	42	349	37	93	8	91	8	107	13	105	13	172	12	169	12
Trucking service	1,665	174	1,630	171	459	19	435	17	672	36	662	36	788	60	747	57
Warehousing and storage	214	30	209	30	33	3	32	3	94	3	87	3	140	13	133	13
Taxicab service	153	12	147	11	71	3	67	3	7	1	7	1	12	1	12	1
Water transportation	31	3	28	3	5	1	4	1	7	1	7	1	1	1	1	1
Air transportation	60	21	57	21	21	4	21	4	27	4	27	4	34	7	31	7
Petroleum and gasoline pipe lines	8	1	8	1	3	...	3	...	12	4	12	4	8	6	8	6
Services incidental to transportation	37	13	37	13	14	3	14	3	...	...	...	...	1	1	1	...
Telecommunications	680	835	676	829	200	217	196	214	252	231	249	228	306	375	304	364
Telephone (wire and radio)	623	794	622	789	177	207	176	205	232	222	230	219	256	354	255	344
Telegraph (wire and radio)	57	41	54	40	23	10	20	9	20	9	19	9	50	21	49	20
Utilities and sanitary services	1,261	199	1,244	199	1,081	444	1,071	442	636	80	632	77	811	125	797	122
Electric light and power, and electric-gas utilities	627	121	611	121	978	478	969	426	465	68	462	65	563	94	558	93
Gas and steam supply systems	379	58	374	58	24	4	24	3	35	5	34	5	77	22	76	21
Water supply	122	8	124	8	24	5	23	5	36	1	36	1	48	4	46	4
Sanitary services	124	2	119	2	52	4	52	4	68	1	68	1	120	3	114	2
Other and not specified utilities	19	10	19	10	3	4	3	4	32	5	32	5	3	2	3	2
Wholesale and retail trade	15,906	8,353	15,530	8,072	4,736	2,833	4,581	2,705	6,016	3,272	5,880	3,159	8,424	4,972	8,148	4,779
Wholesale trade	4,457	996	4,380	922	975	183	952	179	1,445	388	1,426	382	1,479	256	1,447	251
Motor vehicles and equipment	154	40	151	40	37	8	35	7	49	7	48	7	50	7	50	6
Drugs, chemicals, and allied products	284	91	280	90	17	5	16	5	148	82	148	82	45	15	42	14
Dry goods and apparel	103	51	100	49	15	10	15	10	13	9	13	9	14	1	14	1
Food and related products	1,201	209	1,180	208	281	38	276	37	423	64	417	62	383	67	377	66
Electrical goods, hardware, and plumbing equipment	553	162	550	158	111	34	111	34	98	21	98	20	154	26	154	26
Machinery, equipment, and supplies	372	86	370	86	85	18	83	18	118	26	116	26	173	34	171	33
Petroleum products	309	77	303	76	117	12	116	11	100	10	99	10	130	18	126	18
Farm products—raw materials	117	19	116	17	37	7	36	7	34	4	34	4	71	17	66	17
Miscellaneous wholesale trade	1,283	240	1,250	237	259	41	249	40	446	163	437	160	435	45	424	44
Not specified wholesale trade	81	21	80	21	16	10	15	10	16	2	16	2	24	16	23	16
Retail trade	11,449	7,357	11,150	7,090	3,761	2,650	3,629	2,526	4,571	2,884	4,454	2,777	6,945	4,716	6,701	4,528
Food stores, except dairy products	2,471	1,044	2,426	1,027	727	365	708	358	825	408	808	396	1,194	605	1,150	584
Dairy products stores and milk retailing	348	39	343	38	108	23	105	18	85	8	83	7	248	60	244	60
General merchandise stores	750	1,698	726	1,646	167	435	156	391	204	519	201	505	589	1,192	560	1,141
Five and ten cent stores	85	432	85	406	28	181	27	179	26	105	25	97	39	110	37	107
Apparel and accessories stores, except shoe stores	416	703	410	678	139	330	158	319	147	321	144	316	225	381	220	364
Shoe stores	158	48	153	45	37	15	35	15	75	26	73	25	99	32	96	32
Furniture and housefurnishings stores	491	175	484	172	119	47	113	47	199	57	196	54	198	78	194	76
Household appliance and radio stores	428	73	418	73	139	28	135	28	146	38	144	37	279	43	274	43
Motor vehicles and accessories retailing	1,044	109	1,018	108	394	52	385	51	471	52	461	51	694	86	673	84
Gasoline service stations	934	24	916	24	345	13	331	13	396	14	390	13	558	29	535	29
Drug stores	477	400	464	384	109	102	106	95	159	159	154	154	225	267	220	258
Eating and drinking places	1,104	1,709	1,030	1,606	506	732	476	685	538	797	508	751	967	1,233	908	1,163
Hardware and farm implement stores	375	63	371	63	181	41	180	41	134	28	132	26	267	56	264	55
Lumber and building material retailing	978	128	951	127	277	35	269	34	408	41	397	40	561	82	552	81
Liquor stores	40	10	40	10	26	7	25	6	34	8	34	8	23	2	21	2
Retail florists	72	62	71	62	11	9	11	9	43	23	43	22	51	49	51	49
Jewelry stores	148	79	145	77	51	22	51	22	58	28	57	28	83	46	82	44
Fuel and ice retailing	323	42	311	41	117	16	110	13	188	24	182	22	164	38	158	38
Miscellaneous retail stores	667	347	653	340	203	131	195	129	348	130	339	130	400	256	392	253
Not specified retail trade	140	172	135	163	77	86	73	80	83	98	78	95	81	71	81	65
Finance, insurance, and real estate	2,245	1,726	2,215	1,705	559	306	550	299	709	488	703	483	1,407	1,226	1,377	1,210
Banking and credit agencies	531	592	526	588	113	151	113	149	174	201	173	200	233	321	229	321
Security and commodity brokerage, & investment companies	123	64	121	64	22	7	22	7	15	10	15	10	27	22	27	22
Insurance	942	698	936	692	220	71	219	71	288	189	286	187	667	701	661	691
Real estate (incl. real estate-insurance-law offices)	649	372	632	361	204	77	196	72	232	88	229	86	480	182	460	176
Business and repair services	2,767	470	2,698	456	858	94	833	91	1,037	152	1,009	150	1,323	222	1,278	217
Advertising	186	93	183	89	39	10	38	10	58	20	57	19	81	39	78	39
Accounting, auditing, and bookkeeping services	169	78	168	77	34	14	34	13	53	22	50	22	87	38	85	37
Miscellaneous business services	367	198	357	192	103	32	103	31	164	73	160	73	149	99	146	97
Automobile repair services and garages	1,421	41	1,378	39	488	19	469	19	567	24	552	23	766	28	736	27
Miscellaneous repair services	624	60	612	59	194	19	189	18	195	13	190	13	240	17	233	17
Personal services	2,097	4,036	2,025	3,823	670	1,427	632	1,343	748	1,576	724	1,500	1,016	1,977	983	1,896
Private households	210	2,154	197	2,026	96	802	84	748	105	899	102	853	68	888	64	841
Hotels and lodging places	587	555	548	511	128	197	117	184	161	192	147	174	252	344	239	337
Laundering, cleaning, and dyeing services	641	792	635	761	210	229	200	215	225	266	220	239	331	423	321	407
Dressmaking shops	5	74	4	73	3	23	1	37	1	37	1	36	4	56	4	52
Shoe repair shops	105	6	103	6	31	1	31	1	40	8	38	7	56	7	55	7
Miscellaneous personal services	549	455	538	446	204	165	199	162	216	174	216	171	305	259	300	252
Entertainment and recreation services	798	296	743	282	228	87	202	84	332	125	317	121	458	164	435	158
Radio broadcasting and television	101	37	98	36	8	3	8	3	42	15	42	15	55	18	55	17
Theaters and motion pictures	163	106	156	100	49	51	46	48	54	52	54	48	78	81	74	78
Bowling alleys, and billiard and pool parlors	258	20	236	17	85	6	73	6	105	5	94	5	187	13	181	13
Miscellaneous entertainment and recreation services	276	133	253	129	86	27	75	27	131	53	127	53	138	52	125	50
Professional and related services	3,261	5,721	3,235	5,653	1,059											

DETAILED CHARACTERISTICS

Table 79.—DETAILED INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE AND OF EMPLOYED PERSONS, BY SEX, FOR THE STATE, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

Detailed industry	Standard metropolitan areas—Con.				Cities											
	Saginaw				Detroit				Flint				Grand Rapids			
	Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total, 14 years old and over.....	44,729	14,697	43,091	14,049	596,033	220,526	551,214	206,872	52,652	19,611	51,504	18,614	52,383	24,003	50,239	22,942
Agriculture, forestry, and fisheries.....	4,222	294	4,159	289	1,190	132	964	118	127	11	105	10	260	28	233	23
Agriculture.....	4,218	294	4,155	289	1,106	125	883	112	121	11	99	10	242	27	215	23
Forestry.....	3	...	3	...	62	3	61	2	4	...	4	...	15	1	15	...
Fisheries.....	1	...	1	...	22	4	20	4	2	...	2	...	3	...	3	...
Mining.....	72	4	68	3	316	56	278	50	19	1	16	1	126	6	119	6
Metal mining.....	...	...	...	...	27	7	24	5	...	1	...	1	...	...	...	...
Coal mining.....	29	1	26	...	70	10	37	10	2	...	...	...	3	1	3	1
Crude petroleum and natural gas extraction.....	28	2	28	2	43	7	42	7	8	...	8	...	56	2	55	2
Nonmetallic mining and quarrying, except fuel.....	15	1	14	1	176	32	175	28	9	...	8	...	66	3	61	3
Construction.....	2,690	90	2,440	86	33,655	1,389	30,942	1,333	2,019	99	1,913	96	3,337	124	3,111	122
Manufacturing.....	21,117	3,150	20,675	3,068	320,590	59,089	293,737	55,096	33,739	5,992	33,573	5,920	23,454	6,560	22,768	6,311
Durable goods.....	18,630	2,370	18,259	2,312	282,964	45,341	257,393	41,994	32,104	5,642	31,959	5,581	18,913	4,495	18,352	4,311
Lumber and wood products, except furniture.....	248	59	233	58	1,277	193	1,173	187	54	4	52	4	649	128	628	123
Logging.....	14	1	13	1	41	6	35	6	...	...	...	...	7	2	7	2
Sawmills, planing mills, and mill work.....	144	9	136	9	671	64	618	64	37	2	36	2	388	83	380	81
Miscellaneous wood products.....	90	49	84	48	565	123	520	117	13	2	13	2	254	43	241	40
Furniture and fixtures.....	437	304	416	292	1,509	370	1,420	343	53	18	50	18	5,066	899	4,883	857
Stone, clay, and glass products.....	359	74	348	72	2,763	715	2,681	691	75	10	72	10	338	29	327	27
Glass and glass products.....	32	3	32	3	638	176	614	167	22	5	22	5	73	19	69	17
Cement, and concrete, gypsum, and plaster products.....	105	6	103	5	549	55	526	54	30	2	30	2	206	4	199	4
Structural clay products.....	34	3	29	3	380	45	371	43	2	...	1	...	18	2	18	2
Pottery and related products.....	4	3	4	3	45	14	40	13	...	1	...	1	3	...	3	...
Misc. nonmetallic mineral and stone products.....	184	59	180	58	1,151	425	1,120	414	21	2	19	2	38	4	38	4
Metal industries.....	6,672	526	6,561	516	31,918	5,550	30,750	5,356	298	48	294	46	3,548	1,154	3,426	1,108
Primary metal industries.....	5,984	420	5,891	411	15,473	1,763	14,930	1,709	143	15	141	15	869	168	818	159
Blast furnaces, steel works, and rolling mills.....	12	...	11	...	6,378	540	6,126	523	3	1	3	1	41	5	40	5
Other primary iron and steel industries.....	5,918	420	5,828	411	4,604	442	4,420	429	134	12	132	12	393	17	354	16
Primary nonferrous industries.....	54	...	52	...	4,491	781	4,384	757	6	2	6	2	435	146	424	138
Fabricated metal industries (incl. not spec. metal).....	688	106	670	105	16,445	3,787	15,820	3,647	155	33	153	31	2,679	986	2,608	949
Fabricated steel products.....	583	98	568	97	15,094	3,536	14,526	3,406	142	32	140	30	2,375	913	2,312	879
Fabricated nonferrous metal products.....	102	7	99	7	1,079	217	1,025	207	13	1	13	1	139	25	135	24
Not specified metal industries.....	3	1	3	1	272	34	269	34	...	...	...	...	165	48	161	46
Machinery, except electrical.....	2,253	576	2,206	570	27,959	5,546	27,088	5,388	240	102	237	100	4,200	822	4,125	792
Agricultural machinery and tractors.....	112	12	110	12	609	168	584	162	6	1	6	1	33	8	32	8
Office and store machines and devices.....	27	5	27	5	3,152	1,316	3,091	1,284	20	5	20	5	427	226	410	213
Miscellaneous machinery.....	2,114	559	2,069	553	24,198	4,062	23,413	3,942	214	96	211	94	3,740	588	3,683	571
Electrical machinery, equipment, and supplies.....	127	111	124	107	3,653	1,744	3,527	1,685	48	28	47	26	603	237	595	233
Transportation equipment.....	8,254	641	8,103	620	209,973	29,571	186,979	26,772	31,239	5,396	31,111	5,342	3,950	1,013	3,827	967
Motor vehicles and motor vehicle equipment.....	8,131	624	7,983	604	208,405	29,291	185,508	26,531	31,045	5,362	30,919	5,308	3,474	837	3,360	794
Aircraft and parts.....	30	5	30	4	835	142	798	114	12	4	12	4	388	141	385	140
Ship and boat building and repairing.....	70	8	67	8	392	57	358	54	7	4	6	4	72	27	66	25
Railroad and misc. transportation equipment.....	23	4	23	4	341	81	315	73	175	26	174	25	16	8	16	8
Professional and photographic equipment, and watches.....	72	31	71	31	1,086	377	1,063	367	20	10	20	10	96	22	92	22
Professional equipment and supplies.....	63	31	63	31	825	287	807	280	16	10	16	10	84	18	81	18
Photographic equipment and supplies.....	5	...	4	...	172	65	168	62	2	...	2	...	4	3	4	3
Watches, clocks, and clockwork-operated devices.....	4	...	4	...	89	25	88	25	2	...	2	...	8	1	7	1
Miscellaneous manufacturing industries.....	208	48	197	46	2,826	1,275	2,712	1,205	77	26	76	25	463	191	449	182
Nondurable goods.....	2,391	740	2,328	717	35,765	13,169	34,668	12,557	1,612	347	1,593	337	4,421	2,019	4,306	1,960
Food and kindred products.....	1,118	397	1,078	390	11,916	4,025	11,427	3,817	517	97	509	95	1,200	396	1,151	379
Meat products.....	265	69	262	69	2,117	653	2,011	616	78	13	77	13	151	57	142	51
Dairy products.....	141	27	139	26	1,436	314	1,405	304	81	14	81	14	118	20	116	20
Canning & preserving fruits, vegetables, & sea foods.....	84	70	77	68	162	151	152	132	3	1	2	1	15	2	15	1
Grain-mill products.....	36	9	34	8	204	72	202	70	9	1	9	1	42	7	41	7
Bakery products.....	334	179	325	176	3,507	1,622	3,392	1,564	214	52	212	50	600	274	577	265
Confectionery and related products.....	9	2	9	2	257	433	248	399	6	4	6	4	29	12	27	12
Beverage industries.....	139	10	136	10	3,494	251	3,311	233	105	6	102	6	194	17	183	16
Misc. food preparations and kindred products.....	101	27	89	27	452	341	426	322	11	4	10	4	28	4	27	4
Not specified food industries.....	9	4	7	4	287	188	280	177	10	2	10	2	23	3	23	3
Tobacco manufactures.....	8	1	6	1	194	312	188	299	5	3	5	3	14	34	14	34
Textile mill products.....	20	14	20	14	779	395	748	361	108	7	106	7	255	430	246	414
Knitting mills.....	3	1	3	1	39	36	38	29	1	1	1	1	73	268	72	298
Dyeing and finishing textiles, except knit goods.....	1	2	1	2	22	4	21	4	...	...	...	...	1	...	1	...
Carpets, rugs, and other floor coverings.....	2	3	2	3	243	39	240	36	2	1	2	1	36	15	35	14
Yarn, thread, and fabric mills.....	14	7	14	7	267	161	250	143	33	2	33	2	69	88	65	85
Miscellaneous textile mill products.....	...	1	...	1	208	155	199	149	71	3	69	3	76	59	73	57
Apparel and other fabricated textile products.....	29	103	29	93	861	1,492	810	1,377	23	23	23	21	104	184	100	173
Apparel and accessories.....	21	91	21	82	493	1,103	465	1,022	10	9	10	7	67	159	63	150
Miscellaneous fabricated textile products.....	8	12	8	11	368	389	345	355	13	14	13	14	37	25	37	23
Paper and allied products.....	36	36	34	35	1,325	651	1,289	613	14	4	14	4	614	268	597	265
Pulp, paper, and paperboard mills.....	4	3	4	3	361	97	351	93	1	...	1	...	174	49	170	48
Paperboard containers and boxes.....	25	30	24	30	390	251	378	235	6	3	6	3	318	112	307	110
Miscellaneous paper and pulp products.....	7	3	6	2	574	303	560	285	7	1	7	1	122	107	120	107
Printing, publishing, and allied industries.....	507	101	502	97	9,374	2,544	9,127	2,454	653	166	648	162	1,471	439	1,453	430
Chemicals and allied products.....	574	65	563	65	5,380	2,398	5,243	2,326	274	44	270</					

Table 79.—DETAILED INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE AND OF EMPLOYED PERSONS, BY SEX, FOR THE STATE, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

Detailed industry	Standard metropolitan areas—Con.								Cities							
	Saginaw				Detroit				Flint				Grand Rapids			
	Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed		Experienced civilian labor force		Employed	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport, communication, & other public utilities	3,194	731	3,120	721	42,160	10,688	40,684	10,494	2,129	567	2,092	558	4,446	1,131	4,359	1,110
Transportation	2,140	150	2,077	147	27,775	3,630	26,543	3,531	1,390	151	1,361	148	3,158	339	3,086	324
Railroads and railway express services	1,082	23	1,053	23	8,190	1,756	7,913	1,731	292	14	288	14	1,573	102	1,544	94
Street railways and bus lines	140	23	138	23	6,196	402	6,063	388	172	22	170	22	239	30	236	26
Trucking service	640	70	621	69	7,702	687	7,278	665	670	57	655	57	993	140	969	138
Warehousing and storage	62	12	60	12	1,046	241	998	230	33	9	33	9	161	24	156	24
Taxicab service	133	5	125	5	2,888	140	2,778	132	190	40	184	38	112	11	106	10
Water transportation	36	3	26	2	1,061	114	849	102	11	...	11	...	19	3	16	3
Air transportation	28	2	26	2	331	184	324	180	16	4	14	3	36	18	34	18
Petroleum and gasoline pipe lines	1	2	1	1	23	7	21	6	...	...	...	...	3	1	3	1
Services incidental to transportation	18	10	17	10	338	99	319	97	6	5	6	4	22	10	22	10
Telecommunications	423	498	421	492	3,476	5,157	3,397	5,083	315	310	313	304	464	629	462	623
Telephone (wire and radio)	398	489	397	483	2,904	4,804	2,874	4,740	277	301	275	295	420	593	420	588
Telegraph (wire and radio)	25	9	24	9	572	353	523	343	38	9	38	9	44	36	42	35
Utilities and sanitary services	631	83	622	82	10,909	1,901	10,744	1,880	424	106	418	106	824	163	811	163
Electric light and power, and electric-gas utilities	469	68	463	67	5,082	1,106	5,015	1,092	264	91	261	91	388	98	385	98
Gas and steam supply systems	43	5	42	5	1,990	479	1,963	477	33	6	32	6	247	46	243	46
Water supply	60	5	59	5	1,103	110	1,089	109	57	8	56	8	91	8	90	8
Sanitary services	53	3	52	3	2,461	46	2,409	43	67	1	66	1	80	2	78	2
Other and not specified utilities	6	2	6	2	273	160	268	159	3	...	3	...	18	9	18	9
Wholesale and retail trade	7,042	4,114	6,874	3,973	94,087	57,048	90,288	54,070	7,409	4,760	7,307	4,645	10,676	6,092	10,361	5,865
Wholesale trade	1,953	421	1,916	413	19,940	5,522	19,393	5,343	1,282	223	1,270	221	3,040	756	2,979	744
Motor vehicles and equipment	50	12	49	12	939	237	905	229	40	11	39	11	100	26	97	26
Drugs, chemicals, and allied products	37	7	37	7	1,222	736	1,188	709	50	8	49	8	209	76	207	75
Dry goods and apparel	28	7	27	6	568	260	554	251	25	5	25	4	81	43	79	41
Food and related products	513	118	501	116	5,863	1,310	5,687	1,261	406	64	403	63	802	154	784	153
Electrical goods, hardware, and plumbing equipment	259	70	257	70	2,043	646	1,997	632	134	36	133	36	384	128	382	124
Machinery, equipment, and supplies	136	26	135	26	1,494	410	1,471	397	111	20	110	20	265	65	263	65
Petroleum products	221	60	216	60	828	217	814	216	113	18	111	18	183	50	179	55
Farm products—raw materials	209	46	208	46	209	46	202	46	24	...	24	...	39	7	38	7
Miscellaneous wholesale trade	451	71	438	67	6,273	1,424	6,084	1,378	353	48	350	48	920	186	894	183
Not specified wholesale trade	49	4	48	3	501	236	491	224	26	13	26	13	57	15	56	15
Retail trade	5,089	3,693	4,958	3,560	74,147	51,526	70,895	48,727	6,127	4,537	6,037	4,424	7,336	5,336	7,382	5,121
Food stores, except dairy products	999	527	976	512	16,073	8,098	15,469	7,827	1,182	587	1,171	577	1,656	683	1,615	671
Dairy products stores and milk retailing	132	22	130	22	1,579	368	1,541	354	183	63	183	60	214	88	210	88
General merchandise stores	237	553	226	536	5,345	12,060	5,155	11,511	264	651	259	637	552	1,312	532	1,268
Five and ten cent stores	38	210	34	197	615	2,504	595	2,335	55	266	54	262	58	321	58	299
Apparel and accessories stores, except shoe stores	177	464	174	449	3,592	5,455	3,432	5,231	256	567	255	596	340	583	334	561
Shoe stores	78	53	75	53	1,179	304	1,138	292	94	47	93	47	115	33	110	32
Furniture and housefurnishings stores	183	89	180	87	2,868	891	2,748	857	270	115	267	114	348	123	343	122
Household appliance and radio stores	152	39	149	39	2,125	563	2,069	544	226	63	222	61	274	55	266	55
Motor vehicles and accessories retailing	553	87	544	84	6,583	1,042	6,350	1,002	796	121	785	121	682	76	662	75
Gasoline service stations	484	17	469	17	4,575	136	4,390	129	531	11	520	11	505	9	493	9
Drug stores	171	131	170	129	2,552	2,201	2,454	2,067	243	202	241	200	341	294	339	279
Eating and drinking places	621	1,027	594	974	13,768	12,727	12,774	11,607	751	1,292	731	1,239	846	1,169	782	1,086
Hardware and farm implement stores	300	93	297	92	1,191	279	1,165	271	142	36	140	36	183	37	180	37
Lumber and building material retailing	350	46	340	46	3,805	532	3,642	522	446	68	434	67	591	98	566	97
Liquor stores	23	3	23	3	517	109	504	102	39	24	38	24	32	6	32	6
Retail florists	30	25	29	24	496	320	474	309	43	47	43	47	56	44	55	44
Jewelry stores	61	46	59	43	1,021	497	981	471	87	41	87	41	101	62	98	61
Fuel and ice retailing	140	13	137	12	1,944	243	1,856	242	157	29	155	28	184	31	177	30
Miscellaneous retail stores	276	160	269	157	3,169	1,586	3,078	1,531	285	168	282	164	465	248	451	243
Not specified retail trade	84	88	83	84	1,150	1,611	1,080	1,523	77	139	77	133	93	124	89	118
Finance, insurance, and real estate	768	543	758	533	14,616	13,168	14,296	12,823	1,018	820	1,008	807	1,584	1,383	1,562	1,365
Banking and credit agencies	192	219	188	216	3,140	3,885	3,099	3,832	235	353	233	350	381	460	376	457
Security and commodity brokerage, & investment companies	18	11	18	11	573	335	560	327	15	18	15	18	76	52	76	52
Insurance	337	195	334	190	5,031	4,885	4,964	4,758	409	235	407	230	655	552	650	548
Real estate (incl. real estate-insurance-law offices)	221	118	218	116	5,872	4,063	5,673	3,906	359	214	353	209	472	318	460	308
Business and repair services	1,127	127	1,083	124	15,231	4,065	14,490	3,915	894	172	878	169	1,656	263	1,605	354
Advertising	58	8	58	8	2,039	1,578	1,977	1,498	45	10	44	10	130	69	128	67
Accounting, auditing, and bookkeeping services	57	24	56	24	1,218	444	1,189	443	76	54	75	54	128	62	127	62
Miscellaneous business services	111	56	108	53	2,853	1,446	2,750	1,401	148	82	148	80	280	164	270	158
Automobile repair services and garages	672	24	639	24	6,048	282	5,648	267	471	12	459	12	719	28	690	27
Miscellaneous repair services	229	15	222	15	3,073	315	2,926	306	154	14	152	13	399	40	390	40
Personal services	813	1,974	785	1,881	14,919	28,396	14,241	26,367	967	2,253	950	2,181	1,629	2,935	1,563	2,757
Private households	64	1,049	61	988	1,007	14,419	912	13,130	65	1,304	62	1,249	169	1,413	139	1,369
Hotels and lodging places	177	268	168	258	3,072	3,445	2,896	3,228	140	233	138	229	496	496	428	448
Laundering, cleaning, and dyeing services	260	396	250	378	5,943	6,740	5,681	6,355	358	402	354	392	492	639	486	613
Dressmaking shops	1	37	1	36	33	340	33	324	6	36	6	36	4	57	3	56
Shoe repair shops	59	7	56	7	916	43	885	43	64	6	63	6	86	6	84	6
Miscellaneous personal services	252	217	249	214	3,948	3,409	3,834	3,287	334	272	327	269	403	310	393	325
Entertainment and recreation services	394	154	362	151	5,860	2,222	5,427	2,100	482	194	466	192	548	216	505	204
Radio broadcasting and television	36	8	36	8	393	144	387	142	63	17	62	17	7			

DETAILED CHARACTERISTICS

Table 80.—DETAILED INDUSTRY OF EMPLOYED PERSONS, BY SEX, FOR THE STATE: 1950 AND 1940

[Original 1940 figures revised where necessary to conform to 1950 classification]

Detailed industry	Male		Female		Detailed industry	Male		Female	
	1950	1940	1950	1940		1950	1940	1950	1940
Employed, 14 years old and over	1,784,784	1,423,909	607,143	397,494					
Agriculture, forestry, and fisheries	150,943	211,148	10,672	5,546					
Agriculture	148,881	209,018	10,575	5,497					
Forestry	647	606	37	24					
Fisheries	1,415	1,524	60	25					
Mining	15,089	15,679	320	167					
Metal mining	9,477	9,682	125	68					
Coal mining	126	967	14	8					
Crude petroleum and natural gas extraction	2,803	3,025	90	52					
Nonmetallic mining and quarrying, except fuel	2,683	2,005	91	39					
Construction	114,575	72,484	3,764	1,425					
Manufacturing	823,098	613,609	155,033	86,154					
Durable goods	690,345	501,259	112,125	52,666					
Lumber and wood products, except furniture	17,731	14,825	1,447	924					
Logging	4,479	5,107	72	50					
Sawmills, planing mills, and mill work	8,942	7,175	555	206					
Miscellaneous wood products	4,310	2,543	820	668					
Furniture and fixtures	17,090	15,915	3,706	2,407					
Stone, clay, and glass products	10,893	8,332	2,235	1,323					
Glass and glass products	1,333	1,076	303	172					
Cement, and concrete, gypsum, and plaster products	4,921	3,426	212	101					
Structural clay products	977	1,053	114	42					
Pottery and related products	447	585	356	566					
Misc. nonmetallic mineral and stone products	3,215	2,192	1,250	442					
Metal industries	103,327	70,065	15,959	8,645					
Blast furnaces, steel works, and rolling mills	16,500	12,817	1,058	469					
Other primary iron and steel industries	70,585	44,638	12,135	6,452					
Fabricated steel products									
Primary nonferrous industries	15,588	10,378	2,643	1,331					
Fabricated nonferrous metal products									
Not specified metal industries	654	2,232	123	393					
Machinery, except electrical	91,771	43,026	15,583	5,678					
Agricultural machinery and tractors	3,357	1,494	461	94					
Office and store machines and devices	5,938	4,175	2,270	1,348					
Miscellaneous machinery	82,476	37,357	12,852	4,236					
Electrical machinery, equipment, and supplies	12,319	6,867	6,859	2,930					
Transportation equipment	423,823	334,647	60,222	28,342					
Motor vehicles and motor vehicle equipment	416,229	329,486	59,194	28,132					
Aircraft and parts	3,280	2,325	516	103					
Ship and boat building and repairing	2,948	2,401	240	70					
Railroad and misc. transportation equipment	1,366	435	272	37					
All other durable goods	13,391	7,582	6,114	2,417					
Professional equipment and supplies	2,441	864	931	305					
Photographic equipment and supplies									
Watches, clocks, and clockwork-operated devices	10,950	6,718	5,183	2,112					
Miscellaneous manufacturing industries									
Nondurable goods	127,547	102,525	41,289	31,321					
Food and kindred products	36,487	31,714	11,480	7,109					
Meat products	4,704	4,066	1,245	810					
Dairy products	6,330	5,461	1,011	804					
Canning & preserving fruits, vegetables, & sea foods	2,425	1,954	1,307	669					
Grain-mill products	4,939	4,041	2,283	1,365					
Bakery products	8,090	8,148	3,334	2,149					
Confectionery and related products	500	538	661	531					
Beverage industries	6,175	5,547	440	321					
Misc. food preparations and kindred products	3,324	2,359	1,199	460					
Not specified food industries									
Tobacco manufactures	306	511	428	1,273					
Textile mill products	2,843	3,133	2,014	3,130					
Knitting mills	433	924	838	2,055					
Dyeing and finishing textiles, except knit goods	85	25	10	3					
Carpets, rugs, and other floor coverings	397	324	126	72					
Yarn, thread, and fabric mills	1,187	1,361	715	806					
Miscellaneous textile mill products	741	499	325	194					
Apparel and other fabricated textile products	2,074	1,875	5,695	5,440					
Apparel and accessories	1,364	1,257	4,998	4,851					
Miscellaneous fabricated textile products	730	618	697	589					
Paper and allied products	20,032	16,346	5,302	3,714					
Pulp, paper, and paperboard mills	12,848	13,395	2,245	2,363					
Paperboard containers and boxes	2,310	1,256	999	555					
Miscellaneous paper and pulp products	4,874	1,695	2,058	796					
Printing, publishing, and allied industries	24,410	18,395	6,656	4,577					
Chemicals and allied products	25,099	16,042	5,478	2,908					
Synthetic fibers	15	13	6	4					
Paints, varnishes, and related products	2,729	2,386	533	402					
Drugs and medicines	22,355	13,643	4,939	2,502					
Miscellaneous chemicals and allied products	3,466	3,111	480	278					
Petroleum and coal products	3,128	2,424	445	235					
Petroleum refining	338	687	35	43					
Miscellaneous petroleum and coal products	9,408	7,789	2,343	1,687					
Rubber products	2,422	3,609	1,413	1,205					
Leather and leather products	1,971	2,191	247	285					
Leather: tanned, curried, and finished	778	781	556	491					
Footwear, except rubber	673	637	610	429					
Leather products, except footwear									
Not specified manufacturing industries	5,206	9,825	1,619	2,167					
Transport, communication, & other public utilities	123,547	87,475	27,344	12,485					
Transportation	81,825	60,107	7,167	3,149					
Railroads and railway express service	30,813	28,017	2,716	1,417					
Street railways and bus lines	10,625	7,387	842	282					
Trucking service	24,609	15,936	1,705	807					
Transport, commun., & other public utilities—Con.									
Transportation—Con.									
Warehousing and storage	2,483	1,570	504	345					
Taxicab service	5,550	2,328	496	87					
Water transportation	5,094	3,734	217	95					
Air transportation	1,614	422	416	45					
Petroleum and gasoline pipe lines	148	159	20	2					
Services incidental to transportation	889	554	251	69					
Telecommunications	11,181	5,752	15,382	6,405					
Telephone (wire and radio)	9,957	4,674	14,720	5,831					
Telegraph (wire and radio)	1,224	1,078	662	574					
Utilities and sanitary services	30,541	21,616	4,795	2,931					
Electric light and power, and electric-gas utilities	19,005	13,862	3,559	2,226					
Other and not specified utilities	4,619	3,451	912	532					
Gas and steam supply systems									
Water supply	6,917	4,303	324	173					
Sanitary services									
Wholesale and retail trade	269,302	208,108	151,869	87,800					
Wholesale trade	54,854	34,311	11,454	5,507					
Motor vehicles and equipment									
Drugs, chemicals, and allied products									
Dry goods and apparel									
Food and related products									
Electrical goods, hardware, and plumbing equipment									
Machinery, equipment, and supplies	54,854	34,311	11,454	5,507					
Petroleum products									
Farm products—raw materials									
Miscellaneous wholesale trade									
Not specified wholesale trade									
Retail trade	214,448	173,797	140,415	82,293					
Food stores, except dairy products	43,682	39,361	23,621	13,194					
Dairy products stores and milk retailing	5,407	6,092	1,235	1,218					
General merchandise stores	11,988	9,986	25,222	17,872					
Five and ten cent stores	1,830	1,024	7,553	2,943					
Apparel and accessories stores, except shoe stores	7,667	7,601	13,479	8,553					
Shoe stores	2,866	2,441	1,018	548					
Furniture and housefurnishings stores	7,397	5,273	2,532	1,209					
Household appliance and radio stores	7,108	4,192	1,700	745					
Motor vehicles and accessories retailing	21,197	12,976	2,985	1,327					
Gasoline service stations	19,806	18,064	776	535					
Drug stores	6,777	6,057	6,411	2,998					
Eating and drinking places	29,961	23,773	36,916	21,456					
Hardware and farm implement stores	8,293	5,515	1,678	850					
Lumber and building material retailing	15,152	8,669	1,923	1,026					
Liquor stores	1,298	682	291	80					
Retail florists	1,303	973	1,060	546					
Jewelry stores	2,546	1,767	1,350	617					
Fuel and ice retailing	6,403	7,811	797	697					
Miscellaneous retail stores	10,303	7,861	5,535	2,756					
Not specified retail trade	3,464	3,679	4,333	3,123					
Finance, insurance, and real estate	36,561	32,094	2						

Table 81.—INDUSTRY OF EMPLOYED PERSONS, BY SEX, FOR CITIES OF 50,000 TO 100,000: 1950

Industry	Bay City		Dearborn		Jackson		Kalamazoo		Lansing		Pontiac		Saginaw	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Employed, 14 years old and over.....	14,066	6,027	30,427	10,137	14,000	6,716	15,262	8,524	26,339	12,873	21,885	8,176	26,338	10,196
Agriculture, forestry, and fisheries.....	68	17	67	1	60	10	98	8	131	21	81	9	135	19
Agriculture.....	58	15	65	1	59	8	94	8	109	17	78	9	131	19
Forestry and fisheries.....	10	2	2	...	1	2	4	...	22	4	3	...	4	...
Mining.....	39	1	22	...	5	...	12	1	14	1	13	2	34	3
Coal mining.....	4	...	1	...	...	...	...	...	1	...	1	...	3	...
Crude petroleum and natural gas extraction.....	34	1	1	...	1	...	3	1	2	...	7	...	22	2
Mining and quarrying, except fuel.....	1	...	20	...	4	...	9	...	11	1	5	2	9	1
Construction.....	999	36	1,347	55	653	32	1,184	55	1,810	242	902	19	1,384	61
Manufacturing.....	6,660	1,685	18,035	3,009	5,478	1,686	6,645	2,656	11,508	1,750	13,831	2,328	13,662	2,160
Durable goods.....	5,389	1,242	16,604	2,587	4,254	1,030	2,549	620	10,623	1,448	12,919	2,083	12,317	1,678
Logging.....	3	...	1	...	...	...	...	...	4	...	...	...	2	1
Sawmills, planing mills, and mill work.....	198	41	20	5	5	1	25	3	17	...	15	...	30	3
Miscellaneous wood products.....	39	11	29	8	2	2	11	11	7	...	7	...	60	38
Furniture and fixtures.....	297	30	33	13	53	31	35	11	31	4	22	6	270	202
Glass and glass products.....	2	...	18	10	6	...	5	...	7	3	4	2	28	3
Stone and clay products.....	116	15	151	30	198	39	47	1	35	4	41	6	180	56
Primary iron and steel industries.....	401	20	626	49	183	5	238	20	737	31	446	72	4,561	318
Primary nonferrous industries.....	335	35	155	28	50	2	41	1	7	...	21	5	10	...
Fabricated metal industries (incl. not spec. metal).....	89	12	536	109	505	130	777	133	383	50	131	32	447	76
Machinery, except electrical.....	857	56	1,370	260	690	89	514	114	503	76	176	38	1,536	442
Electrical machinery, equipment, and supplies.....	480	103	138	52	183	201	90	26	45	6	22	8	71	24
Motor vehicles and motor vehicle equipment.....	2,412	888	13,291	1,967	2,207	458	453	61	8,681	1,253	11,953	1,892	4,882	450
Aircraft and parts.....	16	1	42	2	67	30	5	2	11	...	4	2	20	3
Ship and boat building and repairing.....	73	3	18	1	...	...	1	2	4	...	11	1	10	1
Railroad and misc. transportation equipment.....	5	4	19	2	23	3	24	22	33	8	30	11	17	4
All other durable goods.....	66	23	157	50	82	39	283	213	118	13	34	7	193	57
Nondurable goods.....	1,229	423	1,392	403	1,145	637	4,035	2,002	872	296	893	238	1,274	452
Meat products.....	150	42	86	20	27	1	71	23	28	7	27	2	44	12
Bakery products.....	72	15	132	41	112	18	119	39	132	25	25	9	242	121
Other food industries.....	235	25	204	54	117	43	126	28	130	27	94	8	220	82
Tobacco manufactures.....	3	11	6	...	...	...	3	...	1	1	...	...	4	1
Knitting mills.....	54	125	2	1	2	1	...	...	...	2	...	...	2	1
Yarn, thread, and fabric mills.....	1	4	1	6	8	3	...	...	3	2	...	...	8	5
Other textile mill products.....	2	1	5	1	20	16	12	4	4	...	3	2	3	6
Apparel and other fabricated textile products.....	7	72	17	45	64	365	62	163	5	10	8	5	22	75
Paper and allied products.....	2	...	74	19	14	5	2,588	1,113	5	3	4	1	24	28
Printing, publishing, and allied industries.....	209	42	462	112	229	47	401	123	462	196	221	62	414	66
Chemicals and allied products.....	424	80	240	64	24	6	598	499	81	18	50	11	237	35
Petroleum and coal products.....	64	6	74	13	22	2	26	6	14	4	14	3	24	12
Rubber products.....	5	...	60	15	503	127	14	1	3	1	426	131	8	5
Footwear, except rubber.....	1	...	6	3	3	3	2	1	2	...	1	...	2	...
Leather and leather products, except footwear.....	...	...	13	5	...	...	13	2	3	...	20	4	20	3
Not specified manufacturing industries.....	42	20	39	19	79	19	61	34	13	6	19	7	71	30
Transport, communication, & other public utilities.....	1,173	195	2,260	537	2,117	500	1,015	233	1,719	460	1,326	341	2,130	573
Railroads and railway express service.....	295	10	458	97	969	30	203	12	196	14	242	8	772	21
Street railways and bus lines.....	103	8	226	18	48	4	52	8	119	8	78	14	76	16
Trucking service and warehousing.....	172	14	561	66	210	16	288	24	432	50	485	31	416	60
Water transportation.....	52	1	99	3	1	1	3	1	7	1	6	1	15	2
Air transportation.....	5	1	54	8	4	...	7	2	19	7	10	...	12	1
All other transportation.....	46	10	79	16	57	7	68	6	93	13	91	8	113	13
Telecommunications.....	98	81	197	223	107	130	125	129	205	272	156	206	329	387
Electric and gas utilities.....	326	64	468	101	666	301	206	45	518	87	181	66	317	63
Water supply, sanitary services, and other utilities.....	76	6	118	5	55	11	63	6	130	8	77	7	80	10
Wholesale and retail trade.....	2,764	1,688	3,985	2,468	2,724	1,728	2,918	1,784	4,971	3,227	2,681	1,924	4,846	2,911
Wholesale trade.....	645	110	819	189	585	125	717	199	905	183	365	53	1,349	319
Food and dairy products stores, and milk retailing.....	459	234	724	394	481	190	422	176	897	410	518	231	789	337
General merchandise and five and ten cent stores.....	101	343	259	558	113	391	120	373	369	873	149	420	188	573
Apparel and accessories stores.....	136	262	125	251	137	271	139	228	216	288	126	240	206	439
Furniture, home furnishings, and equipment stores.....	181	61	192	64	150	43	173	53	286	81	167	57	242	99
Motor vehicles and accessories retailing.....	209	30	327	59	220	33	187	28	399	54	264	31	384	65
Gasoline service stations.....	144	6	289	10	180	7	166	4	299	16	204	1	290	7
Drug stores.....	62	53	110	104	76	67	82	88	155	176	64	77	129	88
Eating and drinking places.....	253	376	561	561	310	409	317	435	566	779	336	583	428	640
Hardware, farm implement, & bldg. material retailing.....	289	71	275	49	190	34	213	27	415	94	158	41	403	97
All other retail trade.....	285	142	304	229	282	158	382	173	464	273	330	190	438	247
Finance, insurance, and real estate.....	266	136	660	612	369	226	377	280	915	887	363	343	598	399
Banking and other finance.....	82	64	165	237	89	116	106	133	171	237	69	139	151	163
Insurance and real estate.....	184	72	495	375	280	110	271	147	744	650	294	204	447	236
Business and repair services.....	426	41	626	144	392	62	465	103	785	150	395	54	629	96
Business services.....	89	28	260	126	120	42	134	77	209	125	90	36	160	71
Automobile repair services and garages.....	181	7	254	10	183	9	244	19	432	14	239	12	336	12
Miscellaneous repair services.....	156	6	112	8	89	11	87	7	144	11	66	6	133	12
Personal services.....	346	759	450	605	439	928	461	965	641	1,196	460	1,093	567	1,342
Private households.....	37	457	24	232	48	493	62	544	42	504	55	689	45	703
Hotels and lodging places.....	61	97	97	94	92	146	112	131	132	192	56	83	110	139
Laundering, cleaning, and dyeing services.....	102	96	115	130	144	155	129	157	227	281	178	194	192	305
All other personal services.....	146	109	214	149	155	134	158	133	240	219	171	127	220	193
Entertainment and recreation services.....	161	73	226	77	132	57	167	78	219	105	163	62	280	119
Professional and related services.....	552	1,177	1,384	2,097	689	1,148	1,254	2,104	1,619	2,808	849	1,659	1,014	2,154
Medical and other health services.....	164	602	495	733	202	541	442	962	399	1,287	409	940	319	1,094
Educational services, government.....	158	313	445	1,008	153	348	379	728	767	1,005	183	484	268	609
Educational services, private.....	37	155	133	166	32	104	142	220	81	205	44	98	60	174
Welfare, religious, and membership organizations.....	125	78	139	119	138	100	166	132	238	209	148	105	263	216
Legal, engineering, and misc. professional services.....	68	29	172	71	164	55	125	62	134	102	65	32	104	61
Public administration.....	522	147	1,099	402	772	196	497	150	1,703	1,691	520	227	820	233
Postal service.....	124	4	255	21	123	1	145	6	251	8	130	6	226	5
Federal public administration.....	44	50	173	190	49	55	57	37	120	316	51	54	79	84
State and local public administration.....	354	93	671											

DETAILED CHARACTERISTICS

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Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
THE STATE												
Male, employed.....	1,784,784	10,870	22,065	45,791	177,085	225,248	222,163	409,891	339,039	138,714	103,009	90,909
Agriculture, forestry, and fisheries.....	150,943	2,314	4,932	5,198	10,513	11,405	12,683	27,120	26,428	14,857	14,185	21,308
Agriculture.....	148,881	2,310	4,901	5,154	10,306	11,197	12,437	26,558	26,020	14,717	14,068	21,213
Forestry and fisheries.....	2,062	4	31	44	207	208	246	562	408	140	117	95
Mining.....	15,089	11	17	148	1,057	1,632	1,979	4,217	2,902	1,352	1,218	556
Coal mining.....	126	...	1	2	1	11	8	29	30	15	16	13
Crude petroleum and natural gas extraction.....	2,803	2	5	42	234	333	448	877	531	164	99	68
Mining and quarrying, except fuel.....	12,160	9	11	104	822	1,288	1,523	3,311	2,341	1,173	1,103	475
Construction.....	114,575	65	629	2,236	10,704	14,863	14,075	25,808	23,131	9,510	7,404	6,150
Manufacturing.....	823,098	4,360	3,557	18,977	86,517	109,210	110,146	200,692	155,467	61,408	43,449	29,315
Durable goods.....	690,345	224	1,245	15,693	72,373	92,365	93,164	168,629	132,285	52,694	37,045	24,628
Logging.....	4,479	20	89	148	434	404	468	1,013	829	378	407	289
Sawmills, planing mills, and mill work.....	8,942	6	76	240	797	913	1,093	2,025	1,709	743	709	631
Miscellaneous wood products.....	4,310	1	40	130	400	368	422	900	944	403	356	346
Furniture and fixtures.....	17,090	6	130	601	1,996	1,852	1,638	3,357	3,232	1,581	1,343	1,354
Glass and glass products.....	1,333	1	6	40	162	182	180	309	234	78	78	63
Stone and clay products.....	9,560	6	78	243	1,023	1,301	1,293	2,337	1,770	642	475	392
Primary iron and steel industries.....	44,199	17	49	855	4,748	6,104	6,407	11,558	8,009	2,907	2,184	1,361
Primary nonferrous industries.....	12,788	4	18	242	1,151	1,650	1,946	3,340	2,327	915	666	529
Fabricated metal industries (incl. not spec. metal).....	46,340	17	128	1,162	5,353	6,921	7,045	11,521	7,609	2,949	2,060	1,575
Machinery, except electrical.....	91,771	25	141	1,490	8,170	13,001	13,976	23,599	17,005	6,564	4,443	3,357
Electrical machinery, equipment, and supplies.....	12,319	2	27	274	1,456	1,960	1,848	3,091	2,070	705	519	367
Motor vehicles and motor vehicle equipment.....	416,229	108	368	9,780	44,445	54,772	53,776	100,596	82,961	33,327	22,684	13,382
Aircraft and parts.....	3,280	1	3	39	280	520	640	949	512	175	96	65
Ship and boat building and repairing.....	2,948	4	8	85	377	402	425	666	484	173	174	150
Railroad and misc. transportation equipment.....	1,366	2	6	15	129	146	167	334	277	119	86	85
All other durable goods.....	13,391	4	78	349	1,452	1,869	1,840	3,034	2,313	1,005	765	682
Nondurable goods.....	127,547	4,134	2,292	3,172	13,604	16,153	16,297	30,798	22,169	8,361	6,098	4,469
Meat products.....	4,704	4	30	97	516	594	603	1,189	850	395	231	195
Bakery products.....	8,090	33	131	322	1,120	1,062	1,040	1,950	1,366	474	323	249
Other food industries.....	23,693	42	222	699	2,786	2,984	3,051	5,733	4,335	1,685	1,242	914
Tobacco manufactures.....	306	...	8	16	25	30	21	58	33	21	21	38
Knitting mills.....	433	1	7	34	38	38	62	108	81	43	25	32
Yarn, thread, and fabric mills.....	1,187	3	9	25	124	111	129	282	241	95	91	77
Other textile mill products.....	1,223	5	6	35	173	159	171	298	192	66	53	65
Apparel and other fabricated textile products.....	2,074	3	15	76	225	218	227	479	414	139	126	152
Paper and allied products.....	20,032	14	33	576	2,674	2,756	2,397	4,910	3,526	1,387	1,017	742
Printing, publishing, and allied industries.....	24,430	4,004	1,797	821	2,302	2,268	2,100	4,369	3,496	1,298	1,034	961
Chemicals and allied products.....	25,099	20	43	242	2,343	3,840	3,877	6,653	4,433	1,712	1,237	679
Petroleum and coal products.....	3,466	...	1	34	280	500	575	981	692	221	127	55
Rubber products.....	9,408	3	10	83	581	1,182	1,634	2,955	1,944	558	350	108
Footwear, except rubber.....	778	1	13	57	114	72	79	179	114	59	40	50
Leather and leather products, except footwear.....	2,644	1	12	82	307	339	331	657	406	161	152	152
Not specified manufacturing industries.....	5,206	2	20	112	540	692	685	1,265	1,013	353	306	218
Transport, communication, & other public utilities.....	123,547	68	466	1,920	13,482	19,119	16,371	27,772	24,958	9,594	6,724	3,073
Railroads and railway express service.....	30,813	10	36	337	2,584	3,034	2,731	5,786	7,690	3,969	3,213	1,423
Street railways and bus lines.....	10,625	3	8	52	645	1,725	1,918	2,630	2,253	794	404	163
Trucking service and warehousing.....	27,092	19	129	465	3,075	4,680	4,493	7,709	4,234	1,159	674	455
Water transportation.....	5,094	2	28	219	746	572	521	1,114	1,049	414	258	171
Air transportation.....	1,614	4	7	48	226	426	316	352	137	46	27	25
All other transportation.....	6,587	11	27	52	1,022	867	1,697	1,409	394	194	148	148
Telecommunications.....	11,181	6	149	248	1,788	3,017	1,686	1,788	1,705	466	239	69
Electric and gas utilities.....	23,082	7	49	411	3,115	3,801	2,977	5,035	4,714	1,620	1,096	257
Water supply, sanitary services, and other utilities.....	7,459	6	33	88	497	812	862	1,661	1,767	772	599	362
Wholesale and retail trade.....	269,302	1,947	7,698	10,882	29,575	33,162	32,742	61,446	49,071	18,652	12,900	11,227
Wholesale trade.....	54,854	77	394	1,146	5,597	7,500	7,573	13,719	10,324	3,813	2,571	2,140
Food and dairy products stores, and milk retailing.....	49,089	790	3,414	3,601	5,958	5,131	5,135	10,242	7,704	3,122	2,219	1,773
General merchandise and five and ten cent stores.....	13,818	56	402	847	1,824	1,841	1,645	2,844	2,238	785	694	642
Apparel and accessories stores.....	10,533	74	297	497	1,285	1,043	991	2,072	1,939	899	645	791
Furniture, home furnishings, and equipment stores.....	14,505	28	173	403	1,696	2,127	1,994	3,525	2,600	829	594	532
Motor vehicles and accessories retailing.....	21,197	30	131	458	2,474	3,392	3,159	5,239	4,015	1,200	664	435
Gasoline service stations.....	19,806	121	896	1,274	3,020	2,750	2,547	4,496	2,867	826	500	509
Drug stores.....	6,777	128	577	482	670	651	541	1,421	1,310	403	280	314
Eating and drinking places.....	29,961	136	597	752	2,200	2,726	3,028	6,832	7,004	3,261	2,093	1,372
Hardware, farm implement, & bldg. material retailing.....	23,445	69	284	664	2,386	3,006	3,126	5,356	4,297	1,689	1,332	1,236
All other retail trade.....	25,317	438	573	758	2,465	2,995	3,003	5,700	4,769	1,825	1,308	1,408
Finance, insurance, and real estate.....	36,561	46	158	542	2,555	4,092	3,535	7,199	8,141	3,699	2,949	3,645
Banking and other finance.....	9,554	14	60	267	1,117	1,277	856	1,901	2,100	773	562	627
Insurance and real estate.....	27,007	32	98	275	1,438	2,815	2,679	5,298	6,041	2,926	2,387	3,018
Business and repair services.....	47,317	144	593	1,167	5,366	7,071	6,762	11,692	8,553	2,657	1,652	1,660
Business services.....	12,666	59	105	214	1,263	1,965	1,725	2,908	2,457	892	550	528
Automobile repair services and garages.....	24,611	70	389	760	3,156	3,811	3,731	6,326	4,305	1,998	559	406
Miscellaneous repair services.....	10,040	15	99	193	947	1,295	1,306	2,458	1,791	667	543	726
Personal services.....	38,465	298	641	1,112	3,247	3,696	3,643	7,927	7,913	3,655	2,942	3,391
Private households.....	3,832	139	182	113	195	221	218	613	792	351	392	616
Hotels and lodging places.....	8,902	28	145	306	734	595	593	1,573	2,026	1,043	858	1,001
Laundrying, cleaning, and dyeing services.....	11,964	49	182	458	1,380	1,553	1,557	2,957	2,061	771	508	488
All other personal services.....	13,767	82	132	235	938	1,327	1,275	2,784	3,034	1,490	1,184	1,286
Entertainment and recreation services.....	15,927	794	2,132	1,132	1,661	1,421	1,376	2,715	2,344	959	709	684
Professional and related services.....	75,824	150	553	1,234	5,433	9,394	9,008	17,604	15,357	6,227	4,745	6,109
Medical and other health services.....	23,149	23	108	294	1,650	2,885	2,802	5,360	4,737	1,958	1,410	1,922
Educational services, government.....	25,384	52	208	496	2,135	3,778	3,148	5,815	4,942	1,969	1,482	1,359
Educational services, private.....	5,807	29	83	232	658	755	675	1,199	1,003	409	344	420
Welfare, religious, and membership organizations.....	12,617	38	124	128	502	969	1,288	2,916	2,661	1,212	977	1,802
Legal, engineering, and misc. professional services.....	8,867	8	30	84	488	1,007	1,095	2,314	2,014	682	532	606
Public administration.....	54,266	27	66	381	4,566	7,992	7,986	11,902	11,416	4,622	2,829	2,479
Postal service.....	14,255	6	20	130								

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
THE STATE												
Female, employed	607,143	4,011	13,505	39,634	100,989	79,044	68,316	134,537	98,870	31,860	20,747	15,630
Agriculture, forestry, and fisheries	10,672	211	284	292	625	715	993	2,356	2,315	1,150	846	885
Agriculture.....	10,575	211	284	284	615	704	980	2,328	2,299	1,145	842	883
Forestry and fisheries.....	97	...	...	8	10	11	13	28	16	5	4	2
Mining	320	2	...	24	62	59	52	53	43	8	10	7
Coal mining.....	14	...	...	1	3	1	4	2	2	...	...	1
Crude petroleum and natural gas extraction.....	90	1	...	7	15	18	14	18	13	1	1	2
Mining and quarrying, except fuel.....	216	1	...	16	44	40	34	33	28	7	9	4
Construction	3,764	8	33	206	640	556	471	860	612	177	113	88
Manufacturing	155,033	126	788	7,686	27,415	26,419	22,310	38,270	22,078	5,472	3,001	1,468
Durable goods	112,125	13	398	5,105	19,549	20,232	17,019	28,334	15,495	3,431	1,767	782
Logging.....	72	...	1	3	12	7	11	11	8	4	4	3
Sawmills, planing mills, and mill work.....	555	...	3	37	122	79	57	125	85	37	14	6
Miscellaneous wood products.....	820	...	8	59	146	107	94	223	120	22	19	12
Furniture and fixtures.....	3,706	1	31	222	690	607	429	887	554	148	98	39
Glass and glass products.....	303	...	1	16	71	52	39	66	40	9	6	3
Stone and clay products.....	1,932	1	33	159	367	301	259	406	259	81	50	16
Primary iron and steel industries.....	2,974	3	17	134	545	490	438	771	435	102	34	25
Primary nonferrous industries.....	2,192	...	9	85	369	401	335	545	317	80	37	15
Fabricated metal industries (incl. not spec. metal).....	10,792	...	63	648	1,980	1,830	1,583	2,712	1,417	317	176	66
Machinery, except electrical.....	15,583	1	58	788	3,208	2,833	2,250	3,613	2,060	450	203	119
Electrical machinery, equipment, and supplies.....	6,859	...	34	374	1,343	1,067	1,562	898	210	114	58	34
Motor vehicles and motor vehicle equipment.....	59,194	4	96	2,203	9,372	11,184	9,419	15,753	8,295	1,717	831	320
Aircraft and parts.....	516	...	...	21	89	96	67	124	91	17	7	4
Ship and boat building and repairing.....	240	...	3	30	62	38	35	35	29	4	2	2
Railroad and misc. transportation equipment.....	272	...	...	13	49	38	30	72	48	11	6	5
All other durable goods.....	6,114	3	41	313	1,124	970	906	1,429	855	218	166	89
Nondurable goods	41,289	112	381	2,502	7,553	5,925	5,088	9,559	6,325	1,986	1,193	665
Meat products.....	1,245	...	8	50	179	177	181	346	206	57	31	10
Bakery products.....	3,334	8	79	279	709	450	395	772	418	128	79	22
Other food industries.....	6,901	4	52	434	1,239	1,006	868	1,594	1,036	367	204	97
Tobacco manufactures.....	428	...	2	11	40	27	36	143	99	39	19	12
Knitting mills.....	838	...	13	61	131	96	83	207	146	45	38	18
Yarn, thread, and fabric mills.....	715	1	2	24	77	88	88	212	158	38	18	14
Other textile mill products.....	461	1	...	14	51	62	69	95	74	42	34	19
Apparel and other fabricated textile products.....	5,695	...	53	252	709	531	571	1,421	1,264	436	291	167
Paper and allied products.....	5,302	1	12	290	953	804	720	1,343	782	236	109	52
Printing, publishing, and allied industries.....	6,656	94	112	451	1,350	828	638	1,351	1,086	330	234	182
Chemicals and allied products.....	5,478	2	36	395	1,330	1,100	755	1,023	553	157	81	46
Petroleum and coal products.....	480	...	2	21	126	101	65	95	52	7	8	3
Rubber products.....	2,343	1	3	97	392	461	438	595	254	63	30	9
Footwear, except rubber.....	556	...	5	65	102	70	62	136	83	20	9	4
Leather and leather products, except footwear.....	857	...	2	58	165	129	119	226	114	21	13	10
Not specified manufacturing industries.....	1,619	1	9	79	313	262	203	377	258	55	41	21
Transport, communication, & other public utilities	27,344	22	217	3,193	9,162	4,183	2,154	3,915	3,112	787	419	180
Railroads and railway express service.....	2,716	...	3	42	493	407	246	492	628	232	127	46
Street railways and bus lines.....	842	...	5	39	190	111	118	188	131	21	24	15
Trucking service and warehousing.....	2,209	4	22	257	523	369	216	407	284	66	33	28
Water transportation.....	217	...	12	31	27	19	42	51	13	12	10	10
Air transportation.....	416	...	1	16	155	128	54	40	17	2	2	1
All other transportation.....	767	5	5	44	134	120	109	190	113	30	9	8
Telecommunications.....	15,382	11	147	2,138	6,070	2,340	978	1,880	1,347	288	140	43
Electric and gas utilities.....	4,214	2	29	588	1,422	602	349	578	466	104	54	20
Water supply, sanitary services, and other utilities.....	581	...	5	57	144	79	65	98	75	31	18	9
Wholesale and retail trade	151,869	705	6,677	13,181	23,812	17,096	17,139	34,650	23,723	7,292	4,534	3,060
Wholesale trade.....	11,454	14	133	966	2,590	1,638	1,284	2,376	1,605	444	250	154
Food and dairy products stores, and milk retailing.....	24,856	205	1,347	2,239	3,636	2,637	2,899	6,136	3,653	1,111	602	391
General merchandise and five and ten cent stores.....	32,775	119	2,104	3,786	5,678	3,093	3,128	6,710	4,892	1,536	1,032	697
Furniture and accessories stores.....	14,497	26	344	958	1,770	1,317	1,341	3,266	3,012	1,080	776	607
Furniture, home furnishings, and equipment stores.....	4,232	7	44	287	712	483	518	997	757	224	103	100
Motor vehicles and accessories retailing.....	2,985	2	36	259	708	464	365	664	356	78	36	17
Gasoline service stations.....	776	2	13	25	85	89	108	217	141	45	32	19
Drug stores.....	6,411	95	812	979	1,145	714	605	1,124	649	156	91	41
Eating and drinking places.....	36,916	191	1,352	2,349	4,829	4,810	5,048	9,404	5,690	1,721	980	542
Hardware, farm implement, & bldg. material retailing.....	3,601	2	46	274	585	399	397	804	695	180	120	99
All other retail trade.....	13,366	42	446	1,059	2,074	1,452	1,446	2,952	2,273	717	512	393
Finance, insurance, and real estate	27,856	10	400	3,877	7,565	3,281	2,152	4,087	3,781	1,258	847	598
Banking and other finance.....	10,461	2	157	1,672	3,481	1,466	816	1,401	989	238	165	74
Insurance and real estate.....	17,395	8	243	2,205	4,084	1,815	1,336	2,686	2,792	1,020	682	524
Business and repair services	7,909	9	98	628	1,665	890	1,232	1,674	1,105	301	183	124
Business services.....	6,204	7	74	521	1,410	1,018	688	1,266	786	220	130	84
Automobile repair services and garages.....	923	2	18	57	172	119	94	208	165	43	23	22
Miscellaneous repair services.....	782	...	6	50	83	95	108	200	154	38	30	18
Personal services	74,336	2,347	2,834	3,319	6,497	6,836	7,782	16,314	13,460	5,612	4,590	4,745
Private households.....	40,897	2,302	2,464	2,018	2,742	2,865	3,265	7,698	7,447	3,557	3,136	3,403
Hotels and lodging places.....	9,000	20	84	261	732	763	917	2,208	1,995	805	613	602
Laundering, cleaning, and dyeing services.....	14,069	16	233	706	1,843	1,771	1,874	3,702	2,389	754	472	309
All other personal services.....	10,370	9	53	334	1,180	1,437	1,726	2,706	1,629	496	369	431
Entertainment and recreation services	5,649	58	729	663	910	707	494	942	707	219	132	88
Professional and related services	111,195	143	978	5,333	17,883	13,486	10,162	24,848	22,552	7,644	4,849	3,317
Medical and other health services.....	45,928	38	515	3,135	8,805	6,551	4,725	9,348	7,367	2,579	1,671	1,194
Educational services, government.....	41,554	49	218	1,019	5,610	4,126	3,169	10,519	10,756	3,279	1,904	905
Educational services, private.....	11,472	32	95	473	1,562	1,193	1,096	2,597	2,339	912	620	553
Welfare, religious, and membership organizations.....	8,554	23	103	400	1,084	1,020	748	1,684	1,599	735	558	600
Legal, engineering, and misc. professional services.....	3,687	1	47	306	822	596	424	700	491	139	96	65
Public administration	19,442	2	30	570	3,184	3,133	2,454	4,232	3,579	1,225	669	384
Postal service.....	1,823	...	2	21	174	186	174	409	496	185	120	56
Federal public administration.....	7,248	...	7	172	1,221	1,386	1,179	1,686	1,094	311	145	47
State and local public administration.....	10,371	2	21	377	1,789	1,561	1,101	2,117	1,989	729	404	281
Industry not reported	11,754	368	437	662	1,569	1,341	1,263	2,356	1,803	715	554	686

DETAILED CHARACTERISTICS

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT												
Male, employed	884,486	4,078	8,430	19,878	85,194	115,887	114,622	205,643	177,214	70,816	49,057	33,667
Agriculture, forestry, and fisheries	8,744	102	322	338	739	699	708	1,333	1,538	877	865	1,223
Agriculture	8,612	102	318	338	716	674	685	1,308	1,516	877	858	1,220
Forestry and fisheries	132	...	4	...	23	25	23	25	22	...	7	3
Mining	851	3	7	8	62	104	105	200	159	74	81	48
Coal mining	51	...	...	1	1	5	2	15	12	4	7	4
Crude petroleum and natural gas extraction	93	...	1	3	3	8	7	22	25	11	6	7
Mining and quarrying, except fuel	707	3	6	4	58	91	96	163	122	59	68	37
Construction	55,432	21	329	1,172	5,659	7,916	7,089	11,908	11,138	4,529	3,358	2,313
Manufacturing	477,419	2,282	1,699	9,145	44,949	62,225	64,200	116,150	95,087	38,795	26,693	16,194
Durable goods	419,608	94	615	7,899	39,684	55,233	56,711	102,286	84,434	34,744	23,794	14,114
Logging	53	...	...	2	9	7	2	13	12	4	2	2
Sawmills, planing mills, and mill work	1,091	2	17	32	111	136	143	202	200	77	94	77
Miscellaneous wood products	815	...	11	19	85	100	85	164	145	61	66	79
Furniture and fixtures	2,144	...	22	107	302	312	236	454	324	161	110	116
Glass and glass products	865	1	5	27	94	122	123	192	155	49	53	44
Stone and clay products	3,824	1	41	91	380	526	513	937	735	273	177	150
Primary iron and steel industries	24,625	9	27	514	2,771	3,441	3,554	6,278	4,412	1,651	1,228	740
Primary nonferrous industries	6,182	1	8	67	384	657	939	1,642	1,265	535	373	311
Fabricated metal industries (incl. not spec. metal)	25,976	4	73	596	2,776	3,925	4,109	6,528	4,363	1,686	1,184	772
Machinery, except electrical	44,091	13	55	509	2,852	6,123	7,084	11,613	8,782	3,401	2,199	1,460
Electrical machinery, equipment, and supplies	5,667	...	10	95	544	914	891	1,433	1,017	358	251	154
Motor vehicles and motor vehicle equipment	295,278	58	287	5,667	28,436	37,637	37,662	70,815	61,441	25,830	17,588	9,857
Aircraft and parts	1,415	1	2	20	132	265	273	361	197	87	53	25
Ship and boat building and repairing	933	1	2	25	102	100	114	196	180	76	86	51
Railroad and misc. transportation equipment	536	1	3	6	61	64	74	135	100	47	26	19
All other durable goods	6,113	2	53	162	645	904	909	1,323	1,106	448	304	257
Nondurable goods	55,306	2,188	1,077	1,202	5,063	6,671	7,181	13,232	10,132	3,848	2,750	1,962
Meat products	2,548	3	13	51	212	310	314	639	504	234	159	109
Bakery products	4,359	10	44	125	525	564	570	1,074	807	319	195	126
Other food industries	8,519	19	81	223	882	1,000	1,070	2,120	1,671	655	442	356
Tobacco manufactures	231	...	6	15	19	16	20	37	50	27	19	22
Knitting mills	49	...	1	...	6	8	7	9	7	3	4	4
Yarn, thread, and fabric mills	417	...	3	5	53	39	59	106	82	29	23	18
Other textile mill products	713	5	6	22	96	100	98	178	105	39	32	32
Apparel and other fabricated textile products	1,067	3	8	35	111	119	130	239	217	74	65	66
Paper and allied products	2,101	6	12	77	313	303	265	491	317	124	106	87
Printing, publishing, and allied industries	13,430	2,126	865	394	1,196	1,187	1,251	2,518	2,036	756	568	533
Chemicals and allied products	12,335	12	30	157	1,108	1,851	1,811	2,890	2,280	952	755	429
Petroleum and coal products	2,144	...	...	23	184	304	353	571	443	147	84	35
Rubber products	6,812	3	2	35	258	799	1,163	2,244	1,537	451	263	57
Footwear, except rubber	97	...	1	...	6	8	12	21	19	15	5	9
Leather and leather products, except footwear	484	...	6	39	94	63	58	97	55	23	30	19
Not specified manufacturing industries	2,505	...	7	44	202	321	308	632	521	203	149	118
Transport, communication, & other public utilities	63,117	25	204	961	6,856	10,263	8,691	14,017	13,240	4,664	2,975	1,221
Railroads and railway express service	11,854	5	13	141	1,153	1,267	1,085	2,174	3,054	1,394	1,057	511
Street railways and bus lines	7,897	1	5	35	419	1,370	1,494	1,862	1,741	610	288	72
Trucking service and warehousing	13,449	7	46	219	1,433	2,334	2,162	3,733	2,338	612	346	219
Water transportation	2,043	...	77	77	271	233	200	424	465	175	110	81
Air transportation	824	1	1	24	104	205	172	196	72	21	16	12
All other transportation	4,216	6	11	21	475	600	544	1,125	1,028	229	112	65
Telecommunications	5,972	...	81	136	967	1,609	883	945	923	264	131	33
Electric and gas utilities	12,047	4	30	269	1,727	2,077	1,570	2,448	2,411	853	558	100
Water supply, sanitary services, and other utilities	4,815	1	10	39	307	568	581	1,110	1,208	566	357	128
Wholesale and retail trade	134,690	902	3,770	5,300	14,304	16,249	16,285	30,262	25,843	10,026	6,756	4,993
Wholesale trade	27,942	26	189	931	2,723	3,776	3,822	6,881	5,537	2,007	1,370	1,080
Food and dairy products stores, and milk retailing	24,762	417	1,911	1,877	2,803	2,415	2,563	5,030	4,115	1,729	1,169	733
General merchandise and five and ten cent stores	8,145	15	206	529	1,102	1,002	1,002	1,648	1,377	488	406	288
Apparel and accessories stores	5,876	36	153	273	728	575	544	1,191	1,141	513	372	350
Furniture, home furnishings, and equipment stores	7,203	14	77	209	882	1,081	1,034	1,714	1,266	424	285	217
Motor vehicles and accessories retailing	10,661	12	56	198	1,216	1,694	1,572	2,695	2,081	595	336	206
Gasoline service stations	8,262	34	319	504	1,241	1,154	1,166	1,987	1,230	319	166	142
Drug stores	3,389	64	272	232	376	327	286	731	660	191	126	124
Eating and drinking places	17,292	36	204	299	1,058	1,493	1,668	3,754	4,397	2,176	1,382	825
Hardware, farm implement, & bldg. material retailing	8,857	23	111	273	937	1,162	1,155	1,923	1,674	677	509	413
All other retail trade	12,301	225	272	375	1,238	1,488	1,473	2,708	2,365	907	635	615
Finance, insurance, and real estate	21,377	16	98	370	1,684	2,502	2,073	4,128	4,895	2,196	1,660	1,755
Banking and other finance	5,434	3	32	163	724	730	473	1,106	1,235	429	291	248
Insurance and real estate	15,943	13	66	207	960	1,772	1,600	3,022	3,660	1,767	1,369	1,507
Business and repair services	23,342	70	291	546	2,588	3,577	3,305	5,644	4,405	1,409	825	682
Business services	8,742	43	73	159	906	1,394	1,211	1,997	1,713	613	355	278
Automobile repair services and garages	9,871	23	175	298	1,197	1,525	1,488	2,511	1,821	481	237	155
Miscellaneous repair services	4,729	4	43	89	525	698	606	1,136	871	315	233	249
Personal services	19,884	101	264	501	1,521	1,943	2,008	4,296	4,324	1,978	1,514	1,434
Private households	1,863	39	99	36	79	110	119	388	440	166	207	220
Hotels and lodging places	3,665	6	45	93	254	256	269	672	855	463	386	366
Laundering, cleaning, and dyeing services	7,358	26	110	248	709	897	952	1,878	1,397	500	324	217
All other personal services	6,998	30	50	124	479	680	668	1,358	1,332	849	597	531
Entertainment and recreation services	8,697	326	992	540	889	752	782	1,623	1,438	605	411	339
Professional and related services	33,312	44	214	426	2,004	3,907	3,926	7,978	7,440	2,964	2,187	2,222
Medical and other health services	11,141	7	40	134	679	1,418	1,341	2,603	2,425	1,036	715	743
Educational services, government	8,004	11	68	108	461	1,032	996	1,989	1,817	652	510	360
Educational services, private	2,870	15	40	63	280	382	318	628	529	216	187	212
Welfare, religious, and membership organizations	5,475	8	44	55	235	430	556	1,268	1,291	562	428	598
Legal, engineering, and misc. professional services	5,822	3	22	66	349	645	715	1,490	1,378	498	347	309
Public administration	28,824	13	22	224	2,800	4,758	4,599	6,364	6,117	2,011	1,198	718
Postal service	7,170	2	10	107	1,132	1,235	1,116	1,457	1,315	467	219	110
Federal public administration	4,562	3	3	45	405	768	773	1,101	803	357	203	101
State and local public administration	17,092	8	9	72	1,263	2,755	2,710	3,806	3,999	1,187	776	507
Industry not reported	8,797	173	218	347	1,139	992	851	1,740	1,590	688	534	525

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
DETROIT												
Female, employed	307,794	1,114	5,731	19,171	52,756	44,036	38,045	69,886	48,905	14,144	8,572	5,434
Agriculture, forestry, and fisheries.....	919	9	24	44	62	65	69	202	221	98	67	58
Agriculture.....	909	9	24	43	60	64	68	199	221	98	67	56
Forestry and fisheries.....	10	...	...	1	2	1	1	3	...	...	...	2
Mining.....	74	1	...	2	17	9	13	17	8	2	4	1
Coal mining.....	12	...	...	1	3	...	4	2	1	...	...	1
Crude petroleum and natural gas extraction.....	9	...	...	...	2	...	1	3	2	...	1	...
Mining and quarrying, except fuel.....	53	1	...	1	12	9	8	12	5	2	3	...
Construction.....	1,963	4	22	127	353	325	255	432	295	74	48	28
Manufacturing.....	82,355	50	361	3,457	13,942	15,027	12,939	20,757	11,396	2,584	1,278	564
Durable goods.....	64,680	10	203	2,560	10,672	12,161	10,504	16,712	8,817	1,814	872	355
Logging.....	11	...	...	...	3	3	3	...	1	...	...	...
Sawmills, planing mills, and mill work.....	106	...	2	6	25	16	10	20	15	7	5	...
Miscellaneous wood products.....	161	...	1	12	32	31	17	32	23	5	5	3
Furniture and fixtures.....	550	1	3	28	118	103	78	124	65	15	11	4
Glass and glass products.....	222	...	1	13	48	41	30	48	31	5	4	1
Stone and clay products.....	1,236	1	28	89	220	195	184	271	159	54	25	10
Primary iron and steel industries.....	1,862	2	11	100	387	301	262	449	251	68	22	9
Primary nonferrous industries.....	1,060	...	3	28	144	191	179	278	170	40	20	7
Fabricated metal industries (incl. not spec. metal).....	5,620	...	24	292	919	1,021	920	1,471	724	151	77	21
Machinery, except electrical.....	7,924	...	26	348	1,596	1,527	1,227	1,856	997	215	82	50
Electrical machinery, equipment, and supplies.....	2,286	...	7	100	459	459	442	466	272	39	30	12
Motor vehicles and motor vehicle equipment.....	40,488	4	71	1,379	6,117	7,719	6,636	10,951	5,731	1,130	536	214
Aircraft and parts.....	174	...	...	8	27	30	20	50	35	2	2	...
Ship and boat building and repairing.....	87	...	...	5	24	15	10	17	12	3	...	1
Railroad and misc. transportation equipment.....	120	...	...	9	25	19	14	30	18	3	1	1
All other durable goods.....	2,773	2	26	143	528	490	472	649	313	76	52	22
Nondurable goods.....	16,883	40	154	860	3,132	2,734	2,335	3,855	2,446	739	386	202
Meat products.....	747	...	3	20	94	107	122	219	138	33	8	3
Bakery products.....	1,889	4	40	104	377	253	256	487	246	75	37	10
Other food industries.....	2,112	1	27	161	432	339	280	444	279	89	35	25
Tobacco manufactures.....	367	...	2	7	32	25	33	134	77	30	16	11
Knitting mills.....	38	...	...	...	6	3	3	11	9	1	3	2
Yarn, thread, and fabric mills.....	197	...	1	8	24	25	27	56	46	8	1	1
Other textile mill products.....	238	1	...	6	24	32	34	58	41	23	16	3
Apparel and other fabricated textile products.....	1,711	...	11	50	135	159	186	447	414	168	91	50
Paper and allied products.....	884	...	3	48	184	150	128	187	118	32	18	16
Printing, publishing, and allied industries.....	3,418	33	51	210	756	468	379	686	529	153	99	54
Chemicals and allied products.....	3,364	...	12	176	754	755	513	671	340	85	36	22
Petroleum and coal products.....	320	...	1	17	79	76	46	54	32	7	5	2
Rubber products.....	1,293	1	1	34	191	284	283	325	133	26	13	2
Footwear, except rubber.....	11	...	...	...	...	...	2	6	1	1	...	...
Leather and leather products, except footwear.....	294	...	1	19	44	58	43	70	43	8	7	1
Not specified manufacturing industries.....	792	...	4	37	138	132	100	190	133	31	20	7
Transport, communication, & other public utilities.....	15,333	4	72	1,695	5,144	2,480	1,236	2,143	1,788	451	240	80
Railroads and railway express service.....	2,124	...	2	32	397	346	196	385	470	176	88	32
Street railways and bus lines.....	568	...	1	26	135	76	79	126	83	16	13	13
Trucking service and warehousing.....	1,219	2	12	137	289	221	132	213	148	36	18	11
Water transportation.....	137	...	...	9	19	20	13	25	32	8	6	5
Air transportation.....	264	...	1	11	102	82	35	19	12	1	...	1
All other transportation.....	397	...	3	24	73	66	60	86	64	13	4	3
Telecommunications.....	7,934	...	31	1,020	3,184	1,290	503	980	726	136	58	6
Electric and gas utilities.....	2,299	1	18	391	844	324	4	247	208	46	41	4
Water supply, sanitary services, and other utilities.....	391	...	4	45	101	55	43	62	45	19	12	5
Wholesale and retail trade.....	79,968	262	3,284	6,863	13,384	9,733	9,623	18,353	12,017	3,388	1,960	1,101
Wholesale trade.....	6,800	3	78	562	1,548	1,040	782	1,437	911	237	129	73
Food and dairy products stores, and milk retailing.....	12,784	93	789	1,264	2,065	1,434	1,597	3,024	1,734	473	218	113
General merchandise and five and ten cent stores.....	19,393	61	1,142	2,178	3,612	1,997	2,006	4,020	2,790	775	517	295
Apparel and accessories stores.....	7,684	15	186	521	998	748	774	1,774	1,556	557	335	220
Furniture, home furnishings, and equipment stores.....	2,147	...	23	159	400	262	252	485	366	105	55	40
Motor vehicles and accessories retailing.....	1,635	1	16	136	407	287	212	361	161	34	15	5
Gasoline service stations.....	260	1	6	13	46	33	24	69	45	13	8	2
Drug stores.....	3,257	32	372	446	595	439	361	618	301	57	32	4
Eating and drinking places.....	18,031	37	442	937	2,394	2,599	2,721	4,801	2,750	761	394	195
Hardware, farm implement, & bldg. material retailing.....	1,410	...	23	113	237	179	158	290	281	68	43	18
All other retail trade.....	6,567	19	207	534	1,082	736	55	1,474	1,142	308	214	136
Finance, insurance, and real estate.....	17,621	4	292	2,475	4,828	2,067	1,365	2,560	2,384	795	516	335
Banking and other finance.....	6,085	2	118	999	2,074	850	494	801	529	118	70	30
Insurance and real estate.....	11,536	2	174	1,476	2,754	1,217	871	1,759	1,855	677	446	305
Business and repair services.....	5,300	3	59	413	1,198	889	629	1,072	698	165	113	61
Business services.....	4,472	3	45	351	1,082	775	524	877	552	126	89	48
Automobile repair services and garages.....	397	...	10	26	67	55	41	86	75	19	12	6
Miscellaneous repair services.....	431	...	4	36	49	59	64	109	71	20	12	7
Personal services.....	37,474	632	785	1,227	3,285	4,172	4,743	9,486	7,151	2,526	1,849	1,618
Private households.....	19,996	623	613	593	1,360	1,801	2,086	4,757	4,063	1,630	1,260	1,210
Hotels and lodging places.....	3,990	1	7	82	283	417	482	1,087	901	320	232	178
Laundry, cleaning, and dyeing services.....	8,244	6	142	389	1,075	1,159	1,248	2,179	1,338	379	204	125
All other personal services.....	5,244	2	23	163	567	795	927	1,463	849	197	153	105
Entertainment and recreation services.....	3,149	18	294	315	583	445	316	523	407	124	74	50
Professional and related services.....	49,055	39	393	2,046	7,458	6,326	4,913	11,252	10,172	3,177	2,004	1,275
Medical and other health services.....	21,019	9	200	1,239	3,898	3,218	2,383	4,373	3,502	1,077	671	449
Educational services, government.....	15,969	12	74	259	1,776	1,551	1,286	4,242	4,429	1,273	752	315
Educational services, private.....	5,392	12	39	159	699	612	562	1,292	1,114	404	283	216
Welfare, religious, and membership organizations.....	4,456	5	53	208	607	579	417	904	820	348	252	263
Legal, engineering, and misc. professional services.....	2,219	1	27	181	478	366	265	441	307	75	46	32
Public administration.....	10,093	...	14	255	1,766	1,902	1,417	2,136	1,685	538	263	117
Postal service.....	745	...	...	9	113	95	93	158	192	56	22	7
Federal public administration.....	4,552	...	6	113	871	932	729	970	642	174	84	31
State and local public administration.....	4,796	...	8	133	782	875	595	1,008	851	308	157	79
Industry not reported.....	4,490	88	131	252	736	596	527	953	683	222	156	146

DETAILED CHARACTERISTICS

22-303

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
FLINT												
Male, employed.....	82,148	632	1,208	2,925	10,204	10,972	9,425	18,127	15,464	5,605	4,111	3,475
Agriculture, forestry, and fisheries.....	2,279	41	124	71	145	157	156	342	393	209	251	390
Agriculture.....	2,273	41	124	71	145	157	155	341	391	208	250	390
Forestry and fisheries.....	6	...	...	...	...	...	1	1	2	1	1	...
Mining.....	73	1	3	...	6	12	8	16	15	4	6	2
Coal mining.....	1	...	...	...	...	...	...	...	...	...	...	1
Crude petroleum and natural gas extraction.....	20	...	...	...	1	2	2	5	5	2	2	1
Mining and quarrying, except fuel.....	52	1	3	...	5	10	6	11	10	2	4	...
Construction.....	3,690	4	41	81	328	492	414	815	744	276	259	236
Manufacturing.....	52,331	295	220	2,056	7,083	7,100	5,939	11,645	10,112	2,563	2,523	1,795
Durable goods.....	49,868	31	53	1,972	6,767	6,765	5,677	11,146	9,787	3,459	2,462	1,749
Logging.....	6	...	...	1	1	...	...	...	...	...	3	1
Sawmills, planing mills, and mill work.....	98	...	...	3	9	10	9	31	18	3	6	9
Miscellaneous wood products.....	20	...	...	...	3	...	3	4	4	...	3	3
Furniture and fixtures.....	74	...	2	...	7	11	21	21	13	3	5	4
Glass and glass products.....	40	...	...	1	11	5	5	8	7	1	2	...
Stone and clay products.....	141	...	3	8	18	17	15	28	25	7	9	11
Primary iron and steel industries.....	265	...	...	5	20	24	44	71	63	16	12	10
Primary nonferrous industries.....	23	...	1	1	5	4	7	3	2	...	...	...
Fabricated metal industries (incl. not spec. metal).....	281	...	1	14	37	45	41	54	48	18	14	9
Machinery, except electrical.....	545	...	4	15	40	69	66	145	106	42	38	20
Electrical machinery, equipment, and supplies.....	69	...	1	4	14	10	7	14	10	4	1	4
Motor vehicles and motor vehicle equipment.....	47,917	31	38	1,915	6,561	6,515	5,429	10,672	9,415	3,337	2,344	1,660
Aircraft and parts.....	22	...	1	1	6	6	4	1	2	...	...	...
Ship and boat building and repairing.....	17	...	...	...	2	5	2	1	2	...	1	1
Railroad and misc. transportation equipment.....	188	...	...	1	12	14	20	50	49	16	14	12
All other durable goods.....	162	...	2	3	20	34	14	43	21	11	9	5
Nondurable goods.....	2,420	264	165	81	311	330	257	490	319	100	58	45
Meat products.....	111	...	...	5	15	24	12	26	20	6	...	3
Bakery products.....	306	2	6	7	39	65	43	65	49	14	7	9
Other food industries.....	420	1	21	16	71	53	96	100	59	14	17	12
Tobacco manufactures.....	8	...	...	...	1	4	...	...	1	...	...	2
Knitting mills.....	1	...	...	...	...	...	...	1	...	...	...	...
Yarn, thread, and fabric mills.....	56	2	1	...	14	7	6	9	10	3	1	2
Other textile mill products.....	138	...	...	2	34	18	17	42	19	5	...	1
Apparel and other fabricated textile products.....	36	...	...	3	5	6	6	5	6	3	1	1
Paper and allied products.....	24	1	...	2	9	6	1	5	...	...	...	...
Printing, publishing, and allied industries.....	891	256	136	40	77	62	63	115	81	29	20	12
Chemicals and allied products.....	396	1	1	5	39	80	49	115	67	25	12	2
Petroleum and coal products.....	19	...	...	...	4	3	1	4	6	1	...	...
Rubber products.....	9	...	...	...	2	1	1	3	1	...	...	1
Footwear, except rubber.....	1	...	...	...	1	...	...	...	...	...	...	...
Leather and leather products, except footwear.....	4	1	...	...	...	1	2	...	...	...	...	...
Not specified manufacturing industries.....	43	...	2	3	5	5	5	9	6	4	3	1
Transport, communication, & other public utilities.....	3,522	3	20	31	487	695	524	821	568	194	122	47
Railroads and railway express service.....	590	1	...	6	78	98	59	99	132	50	52	15
Street railways and bus lines.....	265	...	...	...	26	48	33	62	51	26	11	8
Trucking service and warehousing.....	1,215	...	10	6	130	212	237	398	151	38	24	9
Water transportation.....	16	...	2	1	2	6	1	2	2	...	...	...
Air transportation.....	31	...	...	...	10	9	4	5	2	1	...	...
All other transportation.....	267	...	1	2	39	45	38	64	49	15	9	5
Telecommunications.....	457	1	6	6	86	157	77	64	40	13	4	3
Electric and gas utilities.....	503	...	...	8	97	98	67	98	95	26	11	3
Water supply, sanitary services, and other utilities.....	178	1	1	2	19	22	18	29	46	25	11	4
Wholesale and retail trade.....	10,898	138	543	451	1,294	1,332	1,343	2,472	1,868	649	422	386
Wholesale trade.....	1,842	9	17	40	198	261	309	458	329	108	66	47
Food and dairy products stores, and milk retailing.....	2,104	47	246	139	275	203	186	433	322	109	78	66
General merchandise and five and ten cent stores.....	447	3	22	27	51	66	54	105	71	15	15	18
Apparel and accessories stores.....	410	1	12	19	57	36	33	96	72	34	21	29
Furniture, home furnishings, and equipment stores.....	661	2	13	11	88	107	89	153	114	33	26	25
Motor vehicles and accessories retailing.....	1,110	4	5	47	181	172	142	277	179	58	28	17
Gasoline service stations.....	954	11	76	57	139	131	110	188	139	47	24	32
Drug stores.....	318	6	47	33	29	24	24	67	37	13	8	10
Eating and drinking places.....	937	12	46	22	57	87	109	235	178	106	55	50
Hardware, farm implement, & bldg. material retailing.....	1,061	6	15	30	124	132	152	236	189	77	60	40
All other retail trade.....	1,034	37	44	26	95	113	115	224	218	49	41	52
Finance, insurance, and real estate.....	1,261	7	3	18	90	189	143	256	281	131	121	122
Banking and other finance.....	345	1	1	13	37	64	42	62	70	24	16	15
Insurance and real estate.....	1,016	6	2	5	53	125	101	194	211	107	105	107
Business and repair services.....	1,512	10	25	40	174	190	208	369	296	102	50	48
Business services.....	330	1	1	6	33	69	51	51	64	25	18	11
Automobile repair services and garages.....	878	7	17	28	105	89	128	241	173	57	16	17
Miscellaneous repair services.....	304	2	7	6	36	32	29	77	59	20	16	20
Personal services.....	1,314	19	39	61	139	147	127	280	257	91	70	84
Private households.....	94	11	8	5	7	6	5	7	15	7	6	17
Hotels and lodging places.....	190	3	10	7	19	16	11	34	33	18	15	24
Laundering, cleaning, and dyeing services.....	467	1	12	30	77	72	57	105	66	19	17	11
All other personal services.....	563	4	9	19	36	53	54	134	143	47	32	32
Entertainment and recreation services.....	686	62	126	45	68	45	53	114	73	33	30	37
Professional and related services.....	2,297	10	25	33	125	258	246	593	499	177	143	188
Medical and other health services.....	584	2	6	7	27	69	70	161	101	49	44	48
Educational services, government.....	729	5	8	7	29	100	66	181	175	61	39	58
Educational services, private.....	322	...	...	2	16	46	42	76	62	8	10	9
Welfare, religious, and membership organizations.....	474	2	9	3	9	27	40	120	122	42	40	60
Legal, engineering, and misc. professional services.....	188	1	...	...	9	16	28	55	39	17	10	13
Public administration.....	1,522	...	1	5	169	285	203	286	275	136	80	82
Postal service.....	451	...	1	1	66	77	63	78	100	38	16	11
Federal public administration.....	124	...	...	3	8	21	20	29	21	14	4	6
State and local public administration.....	947	...	...	...	95	187	120	179	154	84	60	65
Industry not reported.....	663	42	38	33	96	70	51	118	83	40	34	58

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
FLINT												
Female, employed	26,326	224	602	1,876	4,301	3,367	2,883	6,044	4,394	1,266	788	581
Agriculture, forestry, and fisheries	140	1	6	4	9	7	10	36	34	14	10	9
Agriculture	140	1	6	4	9	7	10	36	34	14	10	9
Forestry and fisheries	...	...	...	...	...	...	...	...	...	...	...	...
Mining	4	...	...	...	1	1	1	...	1	...	...	...
Coal mining	...	...	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction	1	...	...	...	...	...	1	...	...	...	...	...
Mining and quarrying, except fuel	3	...	...	...	1	1	...	...	1	...	...	...
Construction	134	...	2	4	27	18	16	32	23	6	6	...
Manufacturing	8,219	7	14	402	1,354	1,525	1,177	2,054	1,213	272	133	68
Durable goods	7,732	1	10	368	1,245	1,468	1,137	1,948	1,133	244	118	60
Logging	1	...	...	...	...	...	...	...	1	...	...	...
Sawmills, planing mills, and mill work	6	...	...	...	3	...	1	...	1	...	...	...
Miscellaneous wood products	4	...	1	...	...	1	1	1	...	...	...	...
Furniture and fixtures	25	...	...	...	4	4	3	4	8	1	1	...
Glass and glass products	6	...	...	...	2	...	2	1	...	...	...	1
Stone and clay products	7	...	...	1	...	...	2	...	3	...	1	...
Primary iron and steel industries	19	1	...	...	5	...	1	7	2	2	...	1
Primary nonferrous industries	10	...	...	1	1	5	...	3	...	...	...	...
Fabricated metal industries (incl. not spec. metal)	62	...	...	3	14	6	9	21	7	2	...	...
Machinery, except electrical	160	...	...	4	19	21	25	44	38	8	...	1
Electrical machinery, equipment, and supplies	43	...	...	3	5	8	8	13	5	1	...	...
Motor vehicles and motor vehicle equipment	7,295	8	350	1,167	1,412	1,066	1,838	1,059	226	115	54	...
Aircraft and parts	4	...	...	...	3	1	...	...	...	...	...	...
Ship and boat building and repairing	5	...	...	1	3	1	...	...	...	...	...	...
Railroad and misc. transportation equipment	25	...	...	2	2	7	7	4	6	2	...	2
All other durable goods	60	...	1	5	17	8	11	12	3	1	1	...
Nondurable goods	473	6	4	34	107	55	39	103	75	28	14	8
Meat products	22	...	1	...	2	3	4	11	...	...	...	1
Bakery products	70	...	1	4	8	9	6	23	12	6	1	...
Other food industries	51	...	...	4	6	6	5	10	14	3	2	1
Tobacco manufactures	4	...	...	...	1	...	...	1	...	1	...	...
Knitting mills	3	...	...	1	...	1	...	1	...	...	...	...
Yarn, thread, and fabric mills	3	1	...	...	...	...	...	...	1	1	...	...
Other textile mill products	9	...	...	...	1	2	...	1	2	1	1	1
Apparel and other fabricated textile products	32	...	...	2	8	7	2	5	4	3	1	...
Paper and allied products	11	...	...	1	1	1	5	2	2	...	...	...
Printing, publishing, and allied industries	213	5	2	21	63	19	10	42	30	10	6	5
Chemicals and allied products	50	...	...	2	15	5	6	7	9	3	...	...
Petroleum and coal products	2	...	...	...	1	1	...	...	...	...	...	...
Rubber products	3	...	...	...	1	1	...	1	...	...	...	...
Footwear, except rubber	...	...	...	...	...	...	...	...	...	...	...	...
Leather and leather products, except footwear	...	...	...	...	...	...	...	...	...	...	...	...
Not specified manufacturing industries	14	...	...	...	2	2	1	3	5	...	1	...
Transport, communication, & other public utilities	772	1	7	81	287	108	56	128	78	14	10	2
Railroads and railway express service	19	...	...	...	2	1	...	6	7	1	1	1
Street railways and bus lines	40	...	1	1	5	2	7	16	6	...	2	...
Trucking service and warehousing	86	...	1	6	26	17	9	14	8	3	2	...
Water transportation	1	...	...	...	...	...	...	...	...	...	1	...
Air transportation	4	...	...	...	1	...	...	2	...	...	...	...
All other transportation	64	...	...	2	9	10	11	25	5	1	...	1
Telecommunications	411	1	4	56	204	55	19	35	28	5	4	...
Electric and gas utilities	133	...	1	16	36	20	9	27	21	3	...	...
Water supply, sanitary services, and other utilities	14	...	...	...	4	2	1	3	3	1	...	...
Wholesale and retail trade	6,699	24	286	609	1,109	696	715	1,599	1,085	285	165	126
Wholesale trade	287	...	2	24	83	43	30	52	32	13	7	1
Food and dairy products stores, and milk retailing	1,032	8	35	100	147	87	110	290	161	50	22	22
General merchandise and five and ten cent stores	1,277	...	101	170	249	93	101	260	196	52	32	23
Apparel and accessories stores	745	...	22	60	88	74	46	182	175	34	38	26
Furniture, home furnishings, and equipment stores	241	...	1	19	32	27	26	57	63	10	1	5
Motor vehicles and accessories retailing	159	...	1	8	54	17	19	42	12	2	3	1
Gasoline service stations	29	...	...	1	3	1	5	8	8	2	1	...
Drug stores	273	3	36	44	68	19	30	46	20	3	...	...
Eating and drinking places	1,867	12	69	132	276	256	244	462	283	73	38	22
Hardware, farm implement, & bldg. material retailing	173	...	...	9	27	20	22	45	33	11	1	5
All other retail trade	616	1	19	42	82	59	82	155	102	35	22	17
Finance, insurance, and real estate	1,001	2	11	143	253	114	95	162	139	37	25	20
Banking and other finance	467	...	6	86	140	59	40	71	46	10	8	1
Insurance and real estate	534	2	5	57	113	55	55	91	93	27	17	19
Business and repair services	228	1	6	25	44	23	15	60	35	8	2	9
Business services	178	...	5	24	34	18	11	45	25	7	1	8
Automobile repair services and garages	29	1	1	1	7	3	3	6	6	...	...	1
Miscellaneous repair services	21	...	...	...	3	2	1	9	4	1	1	...
Personal services	3,135	143	156	210	296	204	288	674	565	225	178	196
Private households	1,839	140	144	150	157	86	119	317	303	142	132	149
Hotels and lodging places	303	1	1	11	20	18	28	63	90	27	22	22
Laundering, cleaning, and dyeing services	550	2	10	36	70	52	59	159	102	34	14	12
All other personal services	443	...	1	13	49	48	82	135	70	22	10	13
Entertainment and recreation services	264	2	54	45	34	24	20	36	35	8	4	2
Professional and related services	4,333	10	33	283	689	469	326	983	930	309	200	101
Medical and other health services	1,790	...	12	211	387	229	149	342	263	87	68	42
Educational services, government	1,677	6	11	25	176	137	103	438	510	167	83	21
Educational services, private	428	2	6	19	61	57	37	112	75	28	18	13
Welfare, religious, and membership organizations	344	2	2	17	38	34	29	72	74	26	26	24
Legal, engineering, and misc. professional services	94	...	2	11	27	12	8	19	8	1	5	1
Public administration	575	...	2	28	99	78	72	116	124	32	19	5
Postal service	68	...	...	1	8	8	6	15	18	3	8	1
Federal public administration	192	...	...	7	20	37	37	52	31	6	2	...
State and local public administration	315	...	2	20	71	33	29	49	75	23	9	4
Industry not reported	822	33	25	42	99	100	92	164	132	56	36	43

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
GRAND RAPIDS												
Male, employed	81,720	566	1,240	2,446	8,537	10,183	9,728	18,197	14,919	6,191	4,861	4,852
Agriculture, forestry, and fisheries	4,078	50	165	147	309	307	298	666	691	425	395	625
Agriculture	4,052	50	165	144	302	302	297	660	688	425	395	624
Forestry and fisheries	26	...	...	3	7	5	1	6	3	...	...	1
Mining	231	1	...	5	20	27	34	51	44	24	16	9
Coal mining	5	...	...	...	...	...	1	...	...	2	2	...
Crude petroleum and natural gas extraction	115	1	...	2	6	13	16	32	26	10	6	3
Mining and quarrying, except fuel	111	...	...	3	14	14	17	19	18	12	8	6
Construction	5,796	5	50	144	590	741	671	1,199	1,209	472	387	328
Manufacturing	35,627	274	261	1,003	4,163	4,675	4,551	8,190	6,107	2,583	1,976	1,844
Durable goods	28,686	10	122	734	3,363	3,904	3,756	6,591	4,914	2,129	1,652	1,511
Logging	15	...	...	...	5	2	2	2	3	1	...	1
Sawmills, planing mills, and mill work	633	...	7	23	58	46	54	121	149	63	53	59
Miscellaneous wood products	342	...	7	18	40	25	30	61	74	31	23	33
Furniture and fixtures	6,651	4	59	201	618	623	558	1,213	1,364	741	629	641
Glass and glass products	94	...	...	...	11	8	7	16	21	11	13	7
Stone and clay products	455	...	5	19	49	73	57	92	83	26	27	24
Primary iron and steel industries	697	1	...	5	45	86	93	172	138	63	50	34
Primary nonferrous industries	610	...	1	16	62	117	82	140	90	48	23	31
Fabricated metal industries (incl. not spec. metal)	4,387	3	14	167	623	666	666	1,048	633	295	193	157
Machinery, except electrical	7,182	1	11	154	978	1,073	920	1,648	1,239	485	359	314
Electrical machinery, equipment, and supplies	861	...	4	26	131	140	132	198	136	46	32	16
Motor vehicles and motor vehicle equipment	5,284	1	5	61	572	849	902	1,509	785	264	195	141
Aircraft and parts	552	...	...	5	54	85	129	180	59	23	11	6
Ship and boat building and repairing	123	...	2	8	22	18	13	16	26	10	5	3
Railroad and misc. transportation equipment	29	...	1	1	3	2	3	10	5	2	1	1
All other durable goods	781	...	6	28	92	132	108	165	109	60	38	43
Non-durable goods	6,751	264	138	266	783	755	770	1,548	1,150	442	309	326
Meat products	224	...	8	9	30	23	25	55	39	16	7	12
Bakery products	870	7	26	63	150	97	103	205	114	38	38	29
Other food industries	779	1	9	29	83	95	103	190	143	58	25	43
Tobacco manufactures	18	...	...	...	1	3	...	6	5	1	1	1
Knitting mills	112	...	...	2	7	9	16	35	18	10	7	8
Yarn, thread, and fabric mills	79	...	...	4	7	12	4	16	20	11	5	...
Other textile mill products	140	...	...	5	17	19	26	29	22	7	5	10
Apparel and other fabricated textile products	136	...	3	7	16	10	21	31	25	9	6	8
Paper and allied products	954	2	1	51	121	106	93	224	214	61	43	38
Printing, publishing, and allied industries	1,910	253	85	60	204	208	170	333	280	116	93	108
Chemicals and allied products	484	1	3	6	40	67	78	120	86	38	20	25
Petroleum and coal products	142	...	...	...	10	28	18	46	21	12	4	3
Rubber products	349	...	...	4	38	31	49	106	75	17	19	10
Footwear, except rubber	325	...	3	22	41	26	37	95	49	18	18	16
Leather and leather products, except footwear	229	...	...	4	18	21	27	57	39	30	18	15
Not specified manufacturing industries	190	...	1	3	17	16	25	51	43	12	15	7
Transport, communication, & other public utilities	6,718	2	35	108	684	951	792	1,515	1,357	561	508	205
Railroads and railway express service	2,333	...	4	27	163	183	194	442	575	312	314	119
Street railways and bus lines	349	...	...	6	24	57	58	98	60	24	14	8
Trucking service and warehousing	1,839	1	14	29	218	262	262	556	296	82	64	45
Water transportation	28	...	...	1	5	8	2	5	6	1	...	...
Air transportation	57	...	...	1	5	19	10	12	8	2	...	...
All other transportation	192	...	...	5	29	42	26	51	25	8	4	2
Telecommunications	676	1	12	10	81	159	108	114	130	35	25	1
Electric and gas utilities	985	...	1	21	148	183	101	181	202	67	62	19
Water supply, sanitary services, and other utilities	259	...	4	7	12	28	31	56	55	30	25	11
Wholesale and retail trade	15,530	115	463	670	1,688	1,923	1,870	3,590	2,730	1,033	710	738
Wholesale trade	4,380	5	28	111	408	585	586	1,111	847	320	187	192
Food and dairy products stores, and milk retailing	2,709	54	175	191	342	324	293	605	407	147	123	108
General merchandise and five and ten cent stores	811	2	25	44	114	96	98	161	125	44	47	55
Apparel and accessories stores	563	2	11	24	61	51	57	96	114	53	40	54
Furniture, home furnishings, and equipment stores	902	2	10	29	103	116	103	234	193	51	39	42
Motor vehicles and accessories retailing	1,018	1	10	30	121	172	141	242	174	74	26	27
Gasoline service stations	916	4	64	86	151	142	120	175	111	31	13	19
Drug stores	464	15	35	36	42	50	34	92	66	27	21	26
Eating and drinking places	1,030	13	33	38	74	99	107	267	204	97	59	39
Hardware, farm implement, & bldg. material retailing	1,322	3	27	49	141	158	174	294	233	99	71	73
All other retail trade	1,355	14	25	32	131	130	157	333	256	90	84	103
Finance, insurance, and real estate	2,215	...	7	33	134	251	223	475	520	204	169	199
Banking and other finance	647	...	1	22	69	78	36	130	157	45	48	61
Insurance and real estate	1,568	...	6	11	65	173	187	345	363	159	121	138
Business and repair services	2,698	14	34	89	312	374	351	646	512	137	115	114
Business services	708	6	8	9	53	104	93	171	134	53	34	43
Automobile repair services and garages	1,378	8	22	58	209	196	181	332	253	51	43	25
Miscellaneous repair services	612	...	4	22	50	74	77	143	125	33	38	46
Personal services	2,025	14	54	76	188	188	187	399	385	167	154	213
Private households	197	9	14	7	6	12	9	25	45	19	14	37
Hotels and lodging places	548	...	13	23	52	39	44	95	106	58	51	67
Laundry, cleaning, and dyeing services	635	3	21	35	82	88	63	147	102	38	32	24
All other personal services	645	2	6	11	48	49	71	132	132	52	57	85
Entertainment and recreation services	743	37	122	...	73	70	73	125	89	31	31	33
Professional and related services	3,235	11	31	59	167	310	349	743	669	302	240	354
Medical and other health services	1,064	2	12	30	60	104	136	257	208	84	64	107
Educational services, government	728	4	15	10	41	80	55	143	166	93	59	62
Educational services, private	303	2	8	8	22	27	34	74	61	24	21	30
Welfare, religious, and membership organizations	749	2	7	7	30	57	74	166	147	79	68	115
Legal, engineering, and misc. professional services	391	1	4	4	14	42	50	103	87	22	28	40
Public administration	2,122	...	4	14	154	293	276	488	475	205	113	100
Postal service	741	...	...	6	51	84	112	187	167	79	34	21
Federal public administration	212	...	2	...	14	24	35	53	36	24	13	11
State and local public administration	1,169	...	2	8	89	185	129	248	272	102	66	68
Industry not reported	702	43	14	39	55	73	53	110	131	47	47	90

Table 82.—AGE OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 and over
GRAND RAPIDS												
Female, employed	32,193	281	882	2,463	5,607	3,664	3,038	6,605	5,295	1,927	1,316	1,115
Agriculture, forestry, and fisheries.....	164	3	2	7	10	8	14	37	43	18	5	17
Agriculture.....	162	3	2	7	10	8	14	36	42	18	5	17
Forestry and fisheries.....	2	...	...	...	...	...	...	1	1	...	...	...
Mining.....	10	1	...	1	1	3	3	...	1	...	...	...
Coal mining.....	1	...	...	...	...	1	...	...	...	...	...	...
Crude petroleum and natural gas extraction.....	6	1	...	...	1	1	2	...	1	...	...	...
Mining and quarrying, except fuel.....	3	...	...	1	...	1	1	...	...	...	...	...
Construction.....	168	...	2	8	23	18	20	52	31	8	3	3
Manufacturing.....	9,351	4	94	599	1,787	1,342	1,120	2,229	1,394	406	255	121
Durable goods.....	6,335	42	42	365	1,248	985	807	1,525	920	244	137	62
Logging.....	2	...	...	...	...	...	...	...	1	...	...	1
Sawmills, planing mills, and mill work.....	126	...	...	11	26	17	11	30	23	6	1	1
Miscellaneous wood products.....	63	...	...	12	8	8	7	12	10	3	2	1
Furniture and fixtures.....	1,148	11	65	197	191	129	268	190	51	27	19	19
Glass and glass products.....	25	...	...	1	5	3	3	4	2	2	1	1
Stone and clay products.....	21	...	...	2	4	3	...	4	5	...	2	1
Primary iron and steel industries.....	51	...	1	1	10	3	5	14	10	4	3	...
Primary nonferrous industries.....	186	...	2	9	38	29	22	53	22	9	1	1
Fabricated metal industries (incl. not spec. metal).....	1,550	13	111	344	205	178	388	206	56	34	15	15
Machinery, except electrical.....	1,250	5	63	246	192	161	310	188	58	20	7	7
Electrical machinery, equipment, and supplies.....	311	...	6	30	79	57	36	62	27	6	5	3
Motor vehicles and motor vehicle equipment.....	1,098	3	32	196	203	186	272	148	30	27	1	1
Aircraft and parts.....	182	...	...	8	33	33	17	45	30	7	5	4
Ship and boat building and repairing.....	35	...	...	3	9	5	8	4	4	...	1	1
Railroad and misc. transportation equipment.....	9	...	...	1	...	2	...	2	4	...	...	...
All other durable goods.....	278	1	16	53	32	44	57	50	12	7	6	6
Nondurable goods.....	2,943	4	50	230	524	345	304	688	464	161	118	55
Meat products.....	77	...	2	6	10	11	11	23	6	5	2	1
Bakery products.....	454	2	24	66	105	70	40	77	46	14	8	2
Other food industries.....	121	...	3	11	24	11	7	30	14	10	8	3
Tobacco manufactures.....	38	...	...	4	5	1	5	11	7	3	1	1
Knitting mills.....	322	...	...	22	58	37	32	74	62	16	18	3
Yarn, thread, and fabric mills.....	110	...	...	3	10	8	15	33	28	7	5	1
Other textile mill products.....	84	...	...	5	12	13	20	16	10	2	4	2
Apparel and other fabricated textile products.....	276	4	10	33	26	35	74	54	24	9	7	7
Paper and allied products.....	361	...	...	25	71	49	51	95	37	17	10	6
Printing, publishing, and allied industries.....	570	2	12	40	95	52	52	104	116	42	35	20
Chemicals and allied products.....	92	...	2	4	20	10	7	20	13	5	7	4
Petroleum and coal products.....	34	...	...	...	11	7	2	12	1	...	...	1
Rubber products.....	176	1	6	29	31	12	66	23	4	4	3	1
Footwear, except rubber.....	187	...	2	24	39	17	45	35	8	5	2	2
Leather and leather products, except footwear.....	41	...	...	4	8	3	2	14	8	...	1	1
Not specified manufacturing industries.....	73	...	2	4	15	12	9	16	10	1	...	4
Transport, communication, & other public utilities.....	1,420	1	5	170	516	219	89	194	146	40	22	18
Railroads and railway express service.....	105	...	...	...	13	21	12	25	19	7	4	4
Street railways and bus lines.....	37	...	...	6	5	4	4	4	7	2	3	2
Trucking service and warehousing.....	201	1	3	33	51	31	12	34	22	8	1	5
Water transportation.....	3	...	...	...	1	...	...	1	...	...	...	...
Air transportation.....	21	...	...	...	4	7	4	3	1	...	2	...
All other transportation.....	25	...	...	...	8	2	3	5	4	3	...	...
Telecommunications.....	829	...	2	111	387	120	37	85	61	16	8	2
Electric and gas utilities.....	179	...	...	19	42	30	13	35	29	3	3	5
Water supply, sanitary services, and other utilities.....	20	...	...	1	5	4	4	2	2	1	1	...
Wholesale and retail trade.....	8,072	50	448	741	1,252	810	725	1,728	1,329	457	291	241
Wholesale trade.....	982	...	13	96	245	128	88	166	151	46	25	24
Food and dairy products stores, and milk retailing.....	1,065	15	86	112	167	91	97	258	141	39	33	26
General merchandise and five and ten cent stores.....	2,052	9	131	194	320	175	168	438	362	122	76	57
Apparel and accessories stores.....	723	1	18	57	88	51	47	139	152	68	54	48
Furniture, home furnishings, and equipment stores.....	245	1	3	18	33	32	28	64	42	11	9	4
Motor vehicles and accessories retailing.....	108	1	1	8	13	24	15	23	16	4	1	2
Gasoline service stations.....	24	...	...	1	4	2	6	5	2	...	...	...
Drug stores.....	384	9	84	74	44	32	30	55	32	15	7	2
Eating and drinking places.....	1,606	11	95	108	195	179	167	385	286	87	54	39
Hardware, farm implement, & bldg. material retailing.....	190	...	1	19	34	19	20	45	28	12	6	6
All other retail trade.....	693	3	15	54	109	76	63	149	114	51	26	33
Finance, insurance, and real estate.....	1,705	...	18	268	480	193	116	216	234	80	59	41
Banking and other finance.....	652	...	6	115	209	89	29	81	74	15	22	12
Insurance and real estate.....	1,053	...	12	153	271	104	87	135	160	65	37	29
Business and repair services.....	456	1	5	38	81	62	39	101	71	29	18	11
Business services.....	358	1	5	34	66	51	31	82	44	20	15	9
Automobile repair services and garages.....	39	...	...	2	8	5	4	7	10	1	...	2
Miscellaneous repair services.....	59	...	...	2	7	6	4	12	17	8	3	...
Personal services.....	3,823	186	173	204	300	268	315	699	725	307	307	339
Private households.....	2,026	180	146	125	109	85	103	272	367	188	218	233
Hotels and lodging places.....	511	4	5	19	56	53	42	113	115	35	32	37
Laundering, cleaning, and dyeing services.....	761	1	20	40	71	66	86	193	154	55	40	35
All other personal services.....	525	1	2	20	64	64	84	121	89	29	17	34
Entertainment and recreation services.....	282	7	45	21	42	27	19	50	38	18	10	5
Professional and related services.....	5,653	10	72	365	964	614	464	1,073	1,067	470	290	264
Medical and other health services.....	2,483	3	48	260	569	318	219	393	354	140	85	94
Educational services, government.....	1,548	3	12	33	187	122	123	371	406	155	89	47
Educational services, private.....	774	2	4	18	105	73	60	157	151	82	59	63
Welfare, religious, and membership organizations.....	659	2	7	36	70	66	46	114	124	83	53	58
Legal, engineering, and misc. professional services.....	189	...	1	18	33	35	16	38	32	10	4	2
Public administration.....	519	...	...	10	72	48	63	121	126	44	20	15
Postal service.....	27	...	...	...	2	2	4	7	8	2	1	1
Federal public administration.....	195	...	...	1	20	20	36	54	46	10	4	4
State and local public administration.....	297	...	...	9	50	26	23	60	72	32	15	10
Industry not reported.....	570	18	18	31	79	52	51	105	90	50	36	40

Table 83.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Area and industry	Male, 14 years old and over								Female, 14 years old and over							
	Total	Race			Class of worker				Total	Race			Class of worker			
		White	Negro	Other races	Private wage & salary workers	Government workers	Self-employed workers	Unpaid family wkrs.		White	Negro	Other races	Private wage & salary workers	Government workers	Self-employed workers	Unpaid family wkrs.
JACKSON																
Employed.....	27,627	26,960	654	13	20,998	2,006	4,495	128	10,637	10,259	372	6	8,718	1,147	657	115
Agriculture, forestry, and fisheries.....	2,384	2,376	8	...	534	5	1,734	111	119	119	...	...	45	2	36	36
Agriculture.....	2,380	2,372	8	...	534	5	1,730	111	118	118	...	...	44	2	36	36
Forestry and fisheries.....	4	4	...	...	...	...	4	...	1	1	...	...	1	...	...	...
Mining.....	26	26	...	...	4	...	22	...	1	1	...	...	...	...	1	...
Coal mining.....	3	3	...	...	...	...	3	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction.....	2	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel.....	21	21	...	...	4	...	17	...	1	1	...	...	...	...	1	...
Construction.....	1,570	1,548	21	1	1,044	211	315	...	60	57	3	...	45	5	8	2
Manufacturing.....	10,692	10,412	277	33	10,327	2	357	6	2,886	2,853	33	...	2,852	1	25	8
Durable goods.....	8,587	8,442	144	1	8,309	1	271	6	1,894	1,870	24	...	1,878	...	11	5
Lumber.....	4	4	...	...	...	...	4	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work.....	32	32	...	...	3	...	29	...	2	2	...	...	2	...	...	...
Miscellaneous wood products.....	7	7	...	...	1	...	6	...	2	2	...	...	2	...	...	...
Furniture and fixtures.....	80	80	...	...	4	...	76	...	45	45	...	...	44	...	1	...
Glass and glass products.....	11	11	...	...	10	...	1	...	1	1	...	...	1	...	...	...
Stone and clay products.....	400	396	4	...	386	...	14	...	54	53	1	...	54	...	...	...
Primary iron and steel industries.....	338	309	29	...	330	1	6	1	14	14	...	...	14	...	...	...
Primary nonferrous industries.....	93	92	1	...	91	...	2	...	3	3	...	...	3	...	...	...
Fabric'd metal ind. (incl. not spec. metal).....	1,035	1,031	4	...	1,006	...	28	1	209	208	1	...	208	...	...	1
Machinery, except electrical.....	1,489	1,476	12	1	1,424	...	65	...	138	137	1	...	128	...	7	3
Electrical machinery, equip., and supplies.....	449	448	1	...	444	...	4	1	479	479	...	...	479	...	...	...
Motor vehicles & motor vehicle equipment.....	4,267	4,282	85	...	4,354	...	11	2	833	813	20	...	833	...	...	...
Aircraft and parts.....	123	119	4	...	121	...	1	1	42	41	1	...	42	...	...	...
Ship and boat building and repairing.....	7	7	...	...	5	...	2	...	1	1	...	...	1	...	...	...
Railroad & misc. transportation equipment.....	27	24	3	...	27	...	...	...	6	6	...	...	5	...	...	1
All other durable goods.....	125	124	1	...	103	...	22	...	65	65	...	...	62	...	3	...
Nondurable goods.....	1,873	1,739	132	2	1,789	1	83	...	950	941	9	...	932	1	14	3
Meat products.....	157	147	10	...	146	...	2	...	1	1	...	...	1	...	...	...
Bakery products.....	48	47	1	...	46	...	2	...	28	27	1	...	27	...	1	...
Other food industries.....	222	218	4	...	186	1	35	...	82	82	...	...	78	...	3	1
Tobacco manufactures.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Knitting mills.....	3	3	...	...	1	...	2	...	1	1	...	...	1	...	...	...
Yarn, thread, and fabric mills.....	14	14	...	...	13	...	1	...	11	11	...	...	11	...	...	...
Other textile mill products.....	49	49	...	...	49	...	...	...	23	23	...	...	22	...	1	...
Apparel & other fabricated textile products.....	110	110	...	...	107	...	3	...	527	527	...	...	524	...	3	...
Paper and allied products.....	18	18	...	...	17	...	1	...	7	7	...	...	7	...	...	...
Printing, publishing, and allied industries.....	320	319	1	...	297	...	23	...	80	80	...	...	73	...	5	2
Chemicals and allied products.....	63	63	...	...	60	...	3	...	12	12	...	...	11	...	1	...
Petroleum and coal products.....	41	38	3	...	41	...	...	...	3	3	...	...	3	...	...	...
Rubber products.....	820	699	119	2	819	...	1	...	171	163	8	...	171	...	...	...
Footwear, except rubber.....	4	4	...	...	4	...	...	...	4	4	...	...	4	...	...	...
Leather & leather products, exc. footwear.....	4	4	...	...	1	...	3	...	...	...	...	...	...	...	...	...
Not specified manufacturing industries.....	232	251	1	...	229	3	...	...	42	42	...	...	42	...	...	...
Transport, commun., & other public util.....	3,417	3,306	110	1	3,213	105	99	...	750	746	3	1	738	8	3	1
Railroads and railway express service.....	1,484	1,402	82	...	1,476	7	1	...	47	45	2	...	47	...	...	...
Street railways and bus lines.....	91	88	3	...	57	33	1	...	8	8	...	...	8	...	...	...
Trucking service and warehousing.....	467	456	11	...	388	1	78	...	25	25	...	...	23	...	1	1
Water transportation.....	3	3	...	...	2	...	1	...	1	1	...	...	1	...	...	...
Air transportation.....	21	21	...	...	15	1	5	...	4	4	...	...	4	...	...	...
All other transportation.....	84	84	...	...	80	...	4	...	9	9	...	...	9	...	...	...
Telecommunications.....	196	195	1	...	192	3	1	...	214	213	1	...	213	...	1	...
Electric and gas utilities.....	993	987	5	1	985	8	...	...	429	428	...	1	427	2	...	...
Water supply, sanitary services, & other util.....	78	70	8	...	18	52	8	...	13	13	...	...	6	...	1	...
Wholesale and retail trade.....	4,581	4,503	75	3	4,427	10	1,129	5	2,705	2,642	60	3	2,354	3	300	48
Wholesale trade.....	952	949	3	...	825	1	126	...	179	178	...	1	168	1	9	1
Food & dairy prod. stores, & milk retailing.....	813	809	4	...	556	1	254	2	376	372	4	...	247	1	105	23
General merchandise & five & ten cent stores.....	183	178	5	...	174	...	9	...	563	548	15	...	545	1	6	2
Apparel and accessories stores.....	173	171	2	...	137	...	36	...	334	319	15	...	321	...	13	...
Furniture, home furnishings, & equip. stores.....	248	244	4	...	188	1	59	...	75	74	1	...	59	...	15	1
Motor vehicles and accessories retailing.....	385	374	11	...	303	1	81	...	51	51	...	...	47	...	3	1
Gasoline service stations.....	331	319	12	...	205	...	125	1	13	13	...	...	5	...	8	...
Drug stores.....	106	100	5	1	74	...	31	1	95	95	...	...	88	...	6	1
Eating and drinking places.....	476	462	12	2	288	1	186	1	685	667	16	2	586	...	93	6
Hardware, farm implement, & bldg. mater'l ret.....	449	448	1	...	355	...	94	...	75	75	...	...	61	...	7	7
All other retail trade.....	465	449	16	...	332	5	128	...	259	250	9	...	218	...	35	6
Finance, insurance, and real estate.....	550	546	4	...	432	19	99	...	299	295	4	...	271	11	15	2
Banking and other finance.....	135	135	...	...	117	8	10	...	156	155	1	...	150	6	...	...
Insurance and real estate.....	415	411	4	...	315	11	89	...	143	140	3	...	121	5	15	2
Business and repair services.....	833	809	24	...	527	7	266	3	91	91	...	...	66	1	18	6
Business services.....	175	171	4	...	113	2	60	...	54	54	...	...	42	1	8	3
Automobile repair services and garages.....	469	450	19	...	350	5	113	1	19	19	...	...	16	...	3	...
Miscellaneous repair services.....	189	188	1	...	94	...	93	2	18	18	...	...	8	...	7	3
Personal services.....	632	553	79	4	442	3	185	2	1,343	1,117	224	2	1,154	2	183	4
Private households.....	84	61	23	...	79	...	3	2	748	568	178	2	715	...	30	3
Hotels and lodging places.....	117	93	24	...	102	2	13	...	184	167	17	...	159	1	24	...
Laundering, cleaning, and dyeing services.....	200	179	17	4	147	...	53	...	215	192	23	...	193	1	21	...
All other personal services.....	231	220	11	...	114	1	116	...	196	190	6	...	87	...	108	1
Entertainment and recreation services.....	202	189	13	...	172	6	24	...	84	81	3	...	70	4	7	3
Professional and related services.....	1,047	1,026	21	...	496	321	229	1	1,715	1,689	26	...	857	796	59	3
Medical and other health services.....	282	276	6	...	87	36	159	...	746	729	17	...	526	186	32	2
Educational services, government.....	279	278	1	...	...	279	...	...	604	601	3	...	...	604	...	...
Educational services, private.....	71	71	...	...	66	...	5	...	147	147	...	...	127	...	20	...
Welfare, religious, & membership organiz'ns.....	213	200	13	...	203	5	4	1	146	140	6	...	135	6	5	...
Legal, engineering, & misc. professional serv.....	202	201	1	...	140	1	61	...	72	72	...	...	69	...	2	1
Public administration.....	1,317	1,303	14	...	...	1,317	...	...	310	305						

Table 83.—RACE AND CLASS OF WORKER OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 100,000 OR MORE: 1950—Con.

Area and industry	Male, 14 years old and over								Female, 14 years old and over							
	Total	Race			Class of worker				Total	Race			Class of worker			
		White	Negro	Other races	Private wage & salary workers	Government workers	Self-employed workers	Unpaid family wkrs.		White	Negro	Other races	Private wage & salary workers	Government workers	Self-employed workers	Unpaid family wkrs.
SAGINAW																
Employed	43,091	40,238	2,838	15	33,825	1,833	7,098	335	14,049	13,422	619	8	11,453	1,410	928	258
Agriculture, forestry, and fisheries	4,159	4,151	5	3	608	5	3,247	299	289	288	1	...	67	...	88	134
Agriculture	4,155	4,147	5	3	607	3	3,246	299	289	288	1	...	67	...	88	134
Forestry and fisheries	4	4	...	...	1	2	1	...	...	...	...	...	...	...	...	...
Mining	68	68	...	...	56	...	12	...	3	3	...	...	2	...	1	...
Coal mining	26	26	...	...	25	...	1	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction	28	28	...	...	17	...	11	...	2	...	...	...	1	...	1	...
Mining and quarrying, except fuel	14	14	...	...	14	...	...	...	1	1	...	...	1	...	...	...
Construction	2,440	2,392	46	2	1,639	152	648	1	86	82	4	...	55	6	23	2
Manufacturing	20,675	18,260	2,410	5	20,360	6	306	3	3,068	2,932	134	2	3,025	1	36	6
Durable goods	18,259	15,869	2,389	5	18,084	3	170	2	2,312	2,184	126	2	2,298	...	12	2
Logging	13	13	...	...	13	...	...	...	1	1	...	...	1	...	...	...
Sawmills, planing mills, and mill work	136	134	1	1	116	...	20	...	9	9	...	...	9	...	...	...
Miscellaneous wood products	84	84	...	...	76	...	8	...	48	47	...	1	47	...	1	...
Furniture and fixtures	416	416	...	...	405	...	11	...	292	284	8	...	287	...	5	...
Glass and glass products	32	32	...	...	28	...	4	...	3	3	...	...	3	...	...	...
Stone and clay products	316	310	6	...	303	...	13	...	69	69	...	...	68	...	1	...
Primary iron and steel industries	5,839	3,647	2,190	2	5,828	...	10	1	411	304	107	...	409	...	1	1
Primary nonferrous industries	52	52	...	...	51	...	1	...	...	...	...	...	...	...	...	...
Fabric'd metal ind. (incl. not spec. metal)	670	666	4	...	655	...	15	...	105	105	...	...	105	...	...	...
Machinery, except electrical	2,206	2,202	4	...	2,161	...	44	1	570	570	...	...	567	...	2	1
Electrical machinery, equip., and supplies	124	120	4	...	123	...	1	...	107	106	1	...	107	...	...	...
Motor vehicles & motor vehicle equipment	7,983	7,809	172	2	7,966	...	17	...	604	594	9	1	604	...	...	...
Aircraft and parts	30	29	1	...	29	...	1	...	4	4	...	...	4	...	...	...
Ship and boat building and repairing	67	67	...	...	64	...	3	...	8	8	...	...	8	...	...	...
Railroad & misc. transportation equipment	23	21	2	...	23	...	...	...	4	4	...	...	4	...	...	...
All other durable goods	268	267	1	...	243	3	22	...	77	76	1	...	75	...	2	...
Nondurable goods	2,328	2,303	25	...	2,193	3	131	1	717	710	7	...	690	...	24	3
Meat products	262	261	1	...	248	...	14	...	69	69	...	...	69	...	...	...
Bakery products	325	325	...	...	312	...	13	...	176	173	3	...	173	...	2	1
Other food industries	491	489	2	...	462	...	29	...	145	143	2	...	143	...	2	...
Tobacco manufactures	6	6	...	...	3	...	3	...	1	1	...	...	1	...	...	...
Knitting mills	3	3	...	...	2	...	1	...	1	1	...	...	1	...	...	...
Yarn, thread, and fabric mills	14	14	...	...	11	...	3	...	7	7	...	...	5	...	2	...
Other textile mill products	3	3	...	...	1	...	1	1	6	6	...	...	3	...	3	...
Apparel & allied fabricated textile products	29	29	...	...	23	...	8	...	93	93	...	...	85	...	8	...
Paper and allied products	34	34	...	...	27	...	7	...	35	35	...	...	34	...	1	...
Printing, publishing, and allied industries	502	500	2	...	471	...	31	...	97	97	...	...	93	...	2	2
Chemicals and allied products	563	544	19	...	546	2	15	...	65	63	2	...	61	...	4	...
Petroleum and coal products	40	40	...	...	37	...	3	...	14	14	...	...	14	...	...	...
Rubber products	13	13	...	...	12	...	1	...	5	5	...	...	5	...	...	...
Footwear, except rubber	13	3	...	...	2	...	1	...	...	...	...	...	...	...	...	...
Leather & leather products, exc. footwear	40	39	1	...	38	...	2	...	3	3	...	...	3	...	...	...
Not specified manufacturing industries	88	88	...	...	83	...	5	...	39	38	1	...	37	1	...	1
Transport, commun., & other public util.	3,120	3,090	30	...	2,825	148	146	1	721	720	1	...	697	16	7	1
Railroads and railway express service	1,063	1,049	14	...	1,027	35	1	...	23	22	1	...	22	1	...	...
Street railways and bus lines	138	138	...	...	99	36	3	...	23	23	...	...	19	4	...	...
Trucking service and warehousing	681	679	2	...	565	2	114	...	81	81	...	...	77	...	4	...
Water transportation	26	25	1	...	25	...	1	...	2	2	...	...	2	...	...	...
Air transportation	26	26	...	...	24	1	1	...	2	2	...	...	1	...	...	1
All other transportation	143	134	9	...	131	3	9	...	16	16	...	...	14	...	2	...
Telecommunications	421	419	2	...	417	3	1	...	492	492	...	...	489	3	...	...
Electric and gas utilities	505	505	...	...	495	7	3	...	72	72	...	...	69	3	...	...
Water supply, sanitary services, & other util.	117	115	2	...	42	61	13	1	10	10	...	...	4	5	1	...
Wholesale and retail trade	6,874	6,761	112	1	5,207	12	1,631	24	3,973	3,856	115	2	3,440	6	441	86
Wholesale trade	1,916	1,904	12	...	1,702	...	213	1	413	412	1	...	395	1	16	1
Food & dairy prod. stores, & milk retailing	1,106	1,093	13	...	706	1	386	13	534	521	13	...	376	1	122	35
General merchandise & five & ten cent stores	260	259	1	...	224	...	36	...	733	724	7	2	715	...	14	4
Apparel and accessories stores	249	247	2	...	189	...	60	...	502	484	18	...	455	...	44	3
Furniture, home furnishings, & equip. stores	329	326	3	...	250	...	79	...	126	123	3	...	108	...	16	2
Motor vehicles and accessories retailing	544	522	22	...	470	...	74	...	84	84	...	...	83	...	1	...
Gasoline service stations	469	454	15	...	310	...	157	2	17	17	...	...	4	...	11	2
Drug stores	170	168	2	...	113	...	56	1	129	128	1	...	112	...	10	7
Eating and drinking places	594	563	31	...	325	...	263	5	974	907	67	...	802	4	144	24
Hardware, farm implem't, & bldg. mater'l ret.	637	634	3	...	503	...	133	1	138	138	...	...	116	...	20	2
All other retail trade	600	591	8	1	415	10	174	1	323	318	5	...	274	...	43	6
Finance, insurance, and real estate	758	747	11	...	606	24	128	...	533	530	3	...	500	12	16	5
Banking and other finance	206	206	...	...	193	7	6	...	227	227	...	...	219	8	...	...
Insurance and real estate	552	541	11	...	413	17	122	...	306	303	3	...	281	4	16	5
Business and repair services	1,083	1,063	20	...	732	8	340	3	124	122	2	...	100	1	19	4
Business services	222	221	1	...	142	...	80	...	85	84	1	...	75	1	8	1
Automobile repair services and garages	639	620	19	...	471	8	157	3	24	24	...	...	17	...	5	2
Miscellaneous repair services	222	222	...	...	119	...	103	...	15	14	1	...	8	...	6	1
Personal services	785	713	69	3	542	1	241	1	1,881	1,628	250	3	1,654	3	211	13
Private households	61	53	8	...	56	...	4	1	988	863	123	2	943	...	37	8
Hotels and lodging places	168	157	9	2	148	1	19	...	258	236	21	1	238	2	16	2
Laundrying, cleaning, and dyeing services	250	216	34	...	210	...	40	...	378	295	83	...	348	1	27	2
All other personal services	306	287	18	1	128	...	178	...	257	234	23	...	125	...	131	1
Entertainment and recreation services	362	315	47	...	289	5	67	1	151	136	15	...	132	6	11	2
Professional and related services	1,374	1,333	41	...	587	455	331	1	2,667	2,590	76	1	1,555	1,037	70	5
Medical and other health services	419	410	9	...	140	62	216	1	1,278	1,228	49	1	1,079	167	30	2
Educational services, government	362	377	5	...	...	382	...	...	838	831	7	...	...	838	...	...
Educational services, private	86	85	1	...	72	...	14	...	233	232	1	...	203	...	29	1
Welfare, religious, & membership organiz'ns	354	331	23	...	330	11	13	...	249	230	19	...	213	29	7	...
Legal, engineering, & misc. professional serv.	133	130	3	...	45	...	88	...	69	69	...	...	60	3	4	2
Public administration	1,012	995	17	...	...	1,012	...	...	322	314	8	...	...	322	...	...
Postal service	316	310	6													

DETAILED CHARACTERISTICS

Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
THE STATE										
Male, employed	1,784,784	126,486	276,252	115,235	105,765	381,411	510,079	100,791	148,630	20,135
Agriculture, forestry, and fisheries	150,943	1,287	110,321	155	152	322	783	155	37,588	180
Agriculture	148,881	859	110,252	126	141	256	717	139	36,218	173
Forestry and fisheries	2,062	428	69	29	11	66	66	16	1,370	7
Mining	15,089	436	674	425	55	3,407	9,801	236	33	22
Coal mining	126	2	16	5	4	30	68	1	...	...
Crude petroleum and natural gas extraction	2,803	94	379	113	16	843	1,348	3	3	4
Mining and quarrying, except fuel	12,160	340	279	307	35	2,534	8,385	232	30	18
Construction	114,575	4,044	12,138	1,579	580	67,928	9,892	493	17,639	282
Manufacturing	823,098	43,579	31,985	56,564	20,257	211,396	377,828	19,902	57,368	4,219
Durable goods	690,345	35,018	22,302	47,698	7,562	181,890	328,121	16,338	47,854	3,562
Logging	4,479	38	224	33	10	189	364	37	3,578	6
Sawmills, planing mills, and mill work	8,942	108	692	266	132	1,383	4,121	136	2,076	28
Miscellaneous wood products	4,310	75	318	189	53	782	2,220	84	582	7
Furniture and fixtures	17,090	532	901	913	359	4,489	8,737	333	780	46
Glass and glass products	1,333	51	99	77	76	192	745	31	57	5
Stone and clay products	9,560	421	802	462	314	1,955	4,010	165	1,376	55
Primary iron and steel industries	44,199	1,327	1,217	2,237	446	13,622	17,144	988	6,923	295
Primary nonferrous industries	12,788	629	515	891	161	3,479	5,726	347	978	62
Fabricated metal industries (incl. not spec. metal)	46,340	2,521	3,014	3,254	1,165	12,418	20,406	916	2,490	156
Machinery, except electrical	91,771	6,473	4,965	6,093	1,990	30,200	36,585	1,814	3,304	347
Electrical machinery, equipment, and supplies	12,319	1,242	809	1,079	450	3,201	4,603	327	553	55
Motor vehicles and motor vehicle equipment	416,229	20,286	7,060	30,955	1,582	103,376	215,542	10,725	24,398	2,365
Aircraft and parts	3,280	454	103	172	16	977	1,414	49	84	11
Ship and boat building and repairing	2,948	69	141	137	12	1,390	919	74	182	24
Railroad and misc. transportation equipment	1,266	69	86	86	15	342	605	56	80	27
All other durable goods	13,391	783	1,356	854	781	3,895	4,980	256	413	73
Nondurable goods	127,547	8,276	9,373	8,481	12,388	28,408	47,704	3,280	9,069	568
Meat products	4,704	62	448	244	471	341	2,730	84	312	12
Bakery products	8,090	85	598	374	543	2,915	2,956	306	300	13
Other food industries	23,693	850	2,358	1,460	1,410	3,913	10,389	604	2,604	105
Tobacco manufactures	306	7	57	23	65	44	78	8	23	1
Knitting mills	1,433	16	49	42	37	84	164	23	15	3
Yarn, thread, and fabric mills	1,187	32	118	84	95	219	516	29	78	16
Other textile mill products	1,223	34	101	71	80	190	547	33	117	50
Apparel and other fabricated textile products	2,074	48	325	162	278	307	777	66	81	20
Paper and allied products	20,032	723	778	1,309	398	3,707	10,756	469	1,834	58
Printing, publishing, and allied industries	24,410	1,687	2,222	1,709	7,195	8,813	2,194	295	245	50
Chemicals and allied products	25,099	3,612	1,482	1,837	1,210	5,153	8,480	959	2,241	115
Petroleum and coal products	3,466	441	351	278	245	736	1,124	58	216	17
Rubber products	9,408	622	41	705	242	1,578	4,974	271	632	73
Footwear, except rubber	778	5	12	34	73	87	474	18	27	18
Leather and leather products, except footwear	2,644	52	115	149	46	321	1,545	57	344	17
Not specified manufacturing industries	5,206	285	370	385	307	1,098	2,003	284	445	89
Transport, communication, & other public utilities	123,547	5,259	9,470	14,057	767	32,524	44,336	3,263	12,976	695
Railroads and railway express service	30,813	522	2,525	5,699	36	9,316	6,512	1,225	4,885	93
Street railways and bus lines	10,625	166	374	741	19	1,871	6,979	234	221	20
Trucking service and warehousing	27,092	260	2,415	2,188	174	1,780	17,593	219	2,379	84
Water transportation	5,094	69	1,034	142	10	321	2,322	548	387	261
Air transportation	1,614	338	222	268	18	420	127	123	81	17
All other transportation	6,587	109	460	346	42	290	5,037	98	191	14
Telecommunications	11,181	1,052	1,073	1,267	57	6,739	556	138	227	72
Electric and gas utilities	23,082	2,438	984	2,910	375	10,335	3,634	519	1,814	73
Water supply, sanitary services, and other utilities	7,459	305	383	496	36	1,452	1,776	159	2,791	61
Wholesale and retail trade	269,302	7,480	78,615	12,813	64,625	24,732	46,236	22,020	12,183	598
Wholesale trade	54,854	1,567	12,700	5,049	14,286	4,010	12,912	592	3,619	119
Food and dairy products stores, and milk retailing	49,089	204	2,766	1,841	12,747	2,141	12,331	606	2,830	113
General merchandise and five and ten cent stores	13,818	288	4,291	1,390	3,781	1,628	862	787	765	26
Apparel and accessories stores	10,533	61	3,571	313	4,549	1,322	244	279	174	20
Furniture, home furnishings, and equipment stores	14,505	150	3,522	574	5,176	3,328	1,209	152	363	31
Motor vehicles and accessories retailing	21,197	316	5,771	865	8,211	3,806	1,042	503	652	31
Gasoline service stations	19,806	25	8,204	115	165	1,185	9,659	44	387	22
Drug stores	6,777	3,416	672	130	1,699	81	210	395	145	29
Eating and drinking places	29,961	453	10,237	193	262	304	304	17,915	238	55
Hardware, farm implement, & bldg. material retailing	23,445	329	5,956	1,163	6,560	4,164	3,095	204	1,867	107
All other retail trade	25,317	671	7,415	1,180	7,189	2,763	4,368	543	1,143	45
Finance, insurance, and real estate	36,561	1,478	7,914	5,041	15,979	1,462	397	2,833	1,299	158
Banking and other finance	9,554	600	3,965	3,587	452	205	83	598	28	36
Insurance and real estate	27,007	878	3,949	1,454	15,527	1,257	314	2,235	1,271	122
Business and repair services	47,317	4,372	6,605	1,955	1,580	24,052	5,230	1,316	2,074	133
Business services	12,666	4,145	2,135	1,380	1,128	1,817	846	1,028	121	66
Automobile repair services and garages	24,611	93	3,226	436	379	15,933	2,468	244	1,797	35
Miscellaneous repair services	10,040	134	1,244	139	73	6,302	1,916	44	156	32
Personal services	38,465	2,939	5,509	1,139	829	3,573	8,519	14,519	1,579	159
Private households	3,832	47	68	27	10	187	456	1,898	1,129	10
Hotels and lodging places	8,902	171	2,180	858	34	821	248	4,309	253	28
Laundering, cleaning, and dyeing services	11,964	58	2,789	192	367	781	7,291	246	144	96
All other personal services	13,767	2,663	472	62	118	1,784	524	8,066	53	25
Entertainment and recreation services	15,927	3,043	3,284	498	278	1,559	426	5,966	813	60
Professional and related services	75,824	46,249	3,126	2,692	289	5,333	2,781	14,025	1,185	144
Medical and other health services	23,149	12,988	798	733	28	1,744	839	5,690	288	41
Educational services, government	25,384	15,353	436	848	33	2,368	1,112	4,873	323	38
Educational services, private	5,807	3,481	211	197	95	474	244	913	163	29
Welfare, religious, and membership organizations	12,617	6,684	1,420	704	79	488	387	2,457	372	26
Legal, engineering, and misc. professional services	8,867	7,743	261	210	54	259	199	92	39	10
Public administration	54,266	5,561	5,755	17,843	106	3,685	2,634	15,689	2,531	462
Postal service	14,255	31	882	12,286	10	176	145	361	350	14
Federal public administration	7,667	1,784	1,490	2,491	18	691	350	442	115	286
State and local public administration	32,344	3,746	3,383	3,066	78	2,818	2,139	14,886	2,066	162
Industry not reported	19,870	759	856	474	568	1,438	1,016	374	1,362	13,023

Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
THE STATE										
Female, employed	607,143	75,923	26,439	178,960	62,071	10,194	109,066	121,560	12,589	10,341
Agriculture, forestry, and fisheries	10,672	53	2,974	320	54	30	155	75	7,006	5
Agriculture	10,575	48	2,966	295	51	30	133	69	6,978	5
Forestry and fisheries	97	5	8	25	3	...	22	6	28	...
Mining	320	11	17	219	3	11	45	11	1	2
Coal mining	14	...	1	8	...	1	3	...	1	...
Crude petroleum and natural gas extraction	90	2	9	65	...	2	10	2	...	...
Mining and quarrying, except fuel	216	9	7	146	3	8	32	9	...	2
Construction	3,764	86	236	2,544	21	532	142	68	127	8
Manufacturing	155,033	3,616	1,657	49,878	1,459	5,542	85,918	2,727	3,411	825
Durable goods	112,125	1,878	854	37,545	381	3,006	63,176	2,036	2,642	607
Logging	72	...	...	21	...	2	1	18	30	...
Sawmills, planing mills, and mill work	555	5	15	287	1	18	187	13	28	1
Miscellaneous wood products	820	11	5	166	...	19	557	7	50	5
Furniture and fixtures	3,706	41	47	1,093	13	203	2,168	38	89	14
Glass and glass products	303	5	3	140	3	9	127	6	8	2
Stone and clay products	1,932	48	31	513	8	38	1,192	26	48	28
Primary iron and steel industries	2,974	68	24	1,298	9	131	1,191	123	191	13
Primary nonferrous industries	2,193	47	18	744	5	39	1,242	26	68	4
Fabricated metal industries (incl. not spec. metal)	10,792	134	119	3,521	43	219	6,224	119	367	46
Machinery, except electrical	15,583	309	185	6,507	41	429	7,588	230	170	124
Electrical machinery, equipment, and supplies	6,859	66	49	1,486	28	242	4,776	55	113	44
Motor vehicles and motor vehicle equipment	59,194	1,006	208	19,992	63	1,385	33,687	1,295	1,347	211
Aircraft and parts	516	17	5	193	...	30	246	8	4	13
Ship and boat building and repairing	240	8	2	143	...	18	54	1	12	2
Railroad and misc. transportation equipment	272	4	7	83	1	4	110	52	4	7
All other durable goods	6,114	109	136	1,358	166	220	3,900	19	113	93
Nondurable goods	41,289	1,651	776	11,608	1,061	2,502	22,117	632	735	207
Meat products	1,243	4	13	252	15	13	892	18	33	5
Bakery products	3,334	8	79	535	214	430	1,895	79	177	18
Other food industries	6,901	163	143	1,918	82	155	4,005	211	77	47
Tobacco manufactures	428	1	3	48	3	8	347	4	13	1
Knitting mills	838	5	8	109	21	33	638	15	6	3
Yarn, thread, and fabric mills	715	2	5	91	11	28	559	5	3	11
Other textile mill products	461	6	10	76	3	14	317	8	12	15
Apparel and other fabricated textile products	5,695	42	73	423	72	199	4,800	29	43	14
Paper and allied products	5,302	90	36	1,262	30	117	3,555	56	142	14
Printing, publishing, and allied industries	6,656	707	250	3,057	399	1,289	849	54	29	22
Chemicals and allied products	5,478	535	124	2,563	193	145	1,672	119	98	29
Petroleum and coal products	480	27	10	383	6	6	35	9	3	1
Rubber products	2,343	46	11	635	4	36	1,509	16	67	19
Footwear, except rubber	556	2	4	109	1	13	419	1	4	3
Leather and leather products, except footwear	857	13	7	147	7	16	625	8	29	5
Not specified manufacturing industries	1,619	87	27	725	17	34	625	59	34	11
Transport, communication, & other public utilities	27,344	713	519	23,363	113	571	775	912	303	75
Railroads and railway express service	2,716	52	36	2,143	10	33	63	197	160	22
Street railways and bus lines	842	17	17	554	5	14	131	79	20	5
Trucking service and warehousing	2,209	23	108	1,778	10	18	183	56	30	3
Water transportation	217	9	10	98	3	8	25	59	1	4
Air transportation	416	26	9	279	4	4	6	75	4	5
All other transportation	767	40	48	486	6	5	149	19	7	7
Telecommunications	15,382	324	229	14,061	22	353	67	285	19	22
Electric and gas utilities	4,214	203	51	3,505	44	124	134	122	24	7
Water supply, sanitary services, and other utilities	581	19	11	459	5	12	17	20	38	...
Wholesale and retail trade	151,869	1,656	13,936	32,366	57,343	2,147	7,056	36,203	860	302
Wholesale trade	11,454	248	545	7,723	632	186	1,760	145	113	77
Food and dairy products stores, and milk retailing	24,856	46	3,105	4,648	14,535	327	982	1,050	138	50
General merchandise and five and ten cent stores	32,775	423	1,962	6,479	20,271	509	1,376	1,490	226	39
Apparel and accessories stores	14,497	117	1,792	2,041	7,890	416	1,874	226	122	19
Furniture, home furnishings, and equipment stores	4,232	79	340	1,732	1,465	133	290	153	18	22
Motor vehicles and accessories retailing	2,985	79	191	2,418	193	19	41	25	14	6
Gasoline service stations	776	3	213	271	46	11	217	10	5	...
Drug stores	6,411	268	243	398	4,064	25	42	1,350	13	8
Eating and drinking places	36,916	210	3,536	1,025	387	136	100	31,358	121	43
Hardware, farm implement, & bldg. material retailing	3,601	22	299	2,147	975	44	54	44	11	5
All other retail trade	13,366	161	1,711	3,484	6,885	341	320	352	79	33
Finance, insurance, and real estate	27,856	385	1,561	20,652	1,619	113	132	3,233	96	65
Banking and other finance	10,461	154	461	9,349	31	26	60	347	10	23
Insurance and real estate	17,395	231	1,100	11,303	1,588	87	72	2,886	86	42
Business and repair services	7,909	678	484	5,418	145	348	457	275	64	40
Business services	6,204	632	355	4,496	103	134	207	233	18	26
Automobile repair services and garages	923	28	65	597	13	73	61	36	39	11
Miscellaneous repair services	782	18	64	325	29	141	189	6	7	3
Personal services	74,336	980	2,039	4,138	568	474	11,897	53,867	253	120
Private households	40,897	291	37	97	30	24	137	40,147	99	35
Hotels and lodging places	9,000	125	917	1,162	48	53	280	6,356	47	12
Laundry, cleaning, and dyeing services	14,069	23	836	2,347	354	308	9,933	1,152	94	62
All other personal services	10,370	541	249	532	136	89	1,547	7,252	13	11
Entertainment and recreation services	5,649	1,099	413	1,918	381	40	117	1,626	37	18
Professional and related services	111,195	64,306	1,359	21,152	157	274	1,823	21,646	274	204
Medical and other health services	45,928	20,471	591	8,967	54	98	1,190	14,392	89	76
Educational services, government	41,554	31,811	278	4,995	28	92	229	4,011	87	23
Educational services, private	11,472	8,866	143	1,137	20	45	137	1,039	49	36
Welfare, religious, and membership organizations	8,554	2,679	307	3,115	47	27	242	2,077	45	15
Legal, engineering, and misc. professional services	3,687	479	40	2,938	8	12	25	127	4	54
Public administration	19,442	2,102	1,085	14,985	37	64	153	856	70	90
Postal service	1,823	5	347	1,357	4	9	9	64	3	25
Federal public administration	7,248	294	107	6,649	16	10	54	63	17	38
State and local public administration	10,371	1,803	631	6,979	17	45	90	729	50	27
Industry not reported	11,754	238	159	2,007	171	48	396	61	87	8,587

DETAILED CHARACTERISTICS

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Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
DETROIT										
Male, employed	884,486	69,520	88,954	68,655	55,168	204,871	273,188	54,697	59,300	10,133
Agriculture, forestry, and fisheries	8,744	274	4,785	48	55	73	144	45	3,314	6
Agriculture	8,612	223	4,776	45	49	66	129	44	3,274	6
Forestry and fisheries	132	51	9	3	6	7	15	1	40	...
Mining	851	49	100	37	16	248	380	14	2	5
Coal mining	51	...	8	4	1	12	26	...	...	...
Crude petroleum and natural gas extraction	93	9	39	9	2	8	26	...	...	...
Mining and quarrying, except fuel	707	40	53	24	13	228	328	14	2	5
Construction	55,432	2,239	6,900	803	358	31,648	4,408	249	8,731	96
Manufacturing	477,419	28,276	17,914	36,044	12,395	126,135	212,562	11,687	29,965	2,441
Durable goods	419,608	24,455	13,277	31,729	5,174	113,253	193,126	10,184	26,223	2,187
Logging	53	4	5	3	...	8	2	...	31	...
Sawmills, planing mills, and mill work	1,091	27	106	44	63	258	483	9	99	2
Miscellaneous wood products	815	17	98	30	19	194	378	13	65	1
Furniture and fixtures	2,144	54	237	107	157	676	785	23	100	5
Glass and glass products	865	29	69	57	59	120	473	17	38	3
Stone and clay products	3,824	231	348	235	177	712	1,595	66	450	10
Primary iron and steel industries	24,625	873	779	1,528	385	7,653	8,798	563	3,899	147
Primary nonferrous industries	6,182	340	299	430	105	1,663	2,677	169	473	26
Fabricated metal industries (incl. not spec. metal)	25,976	1,579	1,801	1,984	826	7,168	10,686	502	1,338	92
Machinery, except electrical	44,091	3,900	2,924	2,955	1,319	16,229	14,870	822	962	100
Electrical machinery, equipment, and supplies	5,667	710	444	505	301	1,489	1,822	154	234	8
Motor vehicles and motor vehicle equipment	295,278	16,040	5,276	23,314	1,206	74,267	147,505	7,665	18,234	1,771
Aircraft and parts	1,415	179	46	56	13	418	650	21	29	3
Ship and boat building and repairing	933	39	53	42	6	448	235	22	85	3
Railroad and misc. transportation equipment	536	33	48	44	10	123	212	33	30	3
All other durable goods	6,113	400	734	395	528	1,827	1,955	105	156	13
Nondurable goods	55,306	3,652	4,443	4,108	6,983	12,391	18,642	1,370	3,503	214
Meat products	2,548	43	226	136	215	167	1,517	59	180	5
Bakery products	4,359	39	284	209	337	1,537	1,578	201	157	7
Other food industries	8,519	222	828	535	808	1,212	3,866	185	829	34
Tobacco manufactures	231	7	41	18	39	38	58	8	21	1
Knitting mills	49	3	7	3	20	3	8	4	27	...
Yarn, thread, and fabric mills	417	12	58	34	72	140	140	9	27	1
Other textile mill products	713	19	68	47	64	101	314	24	74	10
Apparel and other fabricated textile products	1,067	26	196	62	180	153	393	17	48	2
Paper and allied products	2,101	78	157	175	193	341	944	56	148	9
Printing, publishing, and allied industries	13,430	855	1,279	1,169	3,929	4,598	1,243	158	178	21
Chemicals and allied products	12,335	1,531	825	939	728	2,501	4,152	397	1,207	55
Petroleum and coal products	2,144	308	189	177	154	459	676	45	131	5
Rubber products	6,812	491	220	556	182	1,122	3,535	200	449	57
Footwear, except rubber	97	...	12	4	44	4	32	...	1	...
Leather and leather products, except footwear	484	18	43	44	34	83	196	7	52	7
Not specified manufacturing industries	2,505	169	194	207	238	491	794	133	239	40
Transport, communication, & other public utilities	63,117	3,206	4,523	8,108	468	15,741	22,786	1,725	6,185	375
Railroads and railway express service	11,884	370	1,071	2,878	26	3,000	2,437	645	1,389	38
Street railways and bus lines	7,897	143	247	574	12	1,563	4,975	177	192	14
Trucking service and warehousing	13,449	178	1,280	1,428	115	1,079	7,858	171	1,346	14
Water transportation	2,043	28	450	98	6	245	794	171	163	188
Air transportation	824	153	87	155	16	219	66	82	38	8
All other transportation	4,216	65	296	186	32	153	3,373	47	95	9
Telecommunications	5,972	706	565	738	62	3,434	306	54	103	24
Electric and gas utilities	12,047	1,354	407	1,708	195	5,271	1,855	282	939	36
Water supply, sanitary services, and other utilities	4,835	209	160	343	24	877	1,122	116	1,920	44
Wholesale and retail trade	134,690	4,248	38,047	7,164	31,252	12,522	21,560	13,347	6,339	211
Wholesale trade	27,942	975	6,389	2,903	7,741	2,083	5,762	370	1,673	46
Food and dairy products stores, and milk retailing	24,762	126	8,337	1,013	5,770	1,165	6,126	391	1,807	27
General merchandise and five and ten cent stores	8,145	234	2,075	963	2,005	1,141	659	532	533	13
Apparel and accessories stores	5,876	43	1,897	197	2,353	911	171	195	104	5
Furniture, home furnishings, and equipment stores	7,203	75	1,724	305	2,580	1,563	651	100	194	11
Motor vehicles and accessories retailing	10,661	190	2,775	416	4,123	1,849	581	385	326	16
Gasoline service stations	8,262	11	3,346	48	58	704	3,872	26	188	9
Drug stores	3,389	111	355	74	753	55	138	244	75	10
Eating and drinking places	17,292	344	5,434	121	146	191	205	10,677	140	34
Hardware, farm implement, & bldg. material retailing	8,857	173	2,175	470	2,278	1,551	1,335	107	746	22
All other retail trade	12,301	392	3,540	664	3,445	1,309	2,060	320	553	18
Finance, insurance, and real estate	21,377	1,009	4,554	3,212	8,848	1,029	254	1,943	493	35
Banking and other finance	5,434	396	1,988	2,206	287	128	56	338	17	18
Insurance and real estate	15,943	613	2,566	1,006	8,561	901	198	1,605	476	17
Business and repair services	23,342	3,124	3,551	1,216	859	9,777	2,772	873	1,135	35
Business services	8,742	2,980	1,454	968	745	1,209	576	720	74	16
Automobile repair services and garages	9,871	62	1,358	160	71	5,696	1,396	126	990	12
Miscellaneous repair services	4,729	82	739	88	43	2,872	800	27	71	7
Personal services	19,884	1,329	2,755	626	346	1,888	5,046	7,247	610	37
Private households	1,863	24	28	13	7	67	312	966	440	6
Hotels and lodging places	3,665	92	594	456	12	332	112	2,003	56	8
Laundring, cleaning, and dyeing services	7,358	37	1,842	117	246	529	4,323	154	91	19
All other personal services	6,998	1,776	291	40	81	960	299	4,124	23	4
Entertainment and recreation services	8,697	1,845	1,683	364	152	849	279	3,097	403	25
Professional and related services	33,312	20,716	1,567	1,291	156	2,536	1,262	5,220	505	59
Medical and other health services	11,141	6,609	344	382	17	795	365	2,483	127	19
Educational services, government	8,004	4,674	123	281	13	1,035	409	1,341	113	15
Educational services, private	2,870	1,833	120	93	36	249	122	333	74	10
Welfare, religious, and membership organizations	5,475	2,573	774	376	52	276	229	1,007	178	10
Legal, engineering, and misc. professional services	5,822	5,027	206	159	38	181	137	56	13	5
Public administration	28,824	2,834	2,359	9,539	56	2,049	1,397	9,095	1,258	237
Postal service	7,170	19	210	6,333	5	125	75	341	254	8
Federal public administration	4,562	1,095	888	1,454	11	440	186	276	63	149
State and local public administration	17,092	1,720	1,261	1,752	40	1,484	1,136	8,678	941	80
Industry not reported	8,797	371	216	203	207	376	338	155	360	6,571

Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsman, foreman, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
DETROIT										
Female, employed	307,794	34,301	11,940	103,044	31,108	5,548	54,249	60,283	3,490	3,831
Agriculture, forestry, and fisheries	919	20	264	80	15	12	17	9	499	3
Agriculture	909	20	261	75	15	12	17	8	498	3
Forestry and fisheries	10	...	3	5	...	...	...	1	1	...
Mining	74	1	5	45	2	3	14	2	1	1
Coal mining	12	...	1	7	...	1	2	...	1	...
Crude petroleum and natural gas extraction	9	...	1	5	...	...	3	...	...	...
Mining and quarrying, except fuel	53	1	3	33	2	2	9	2	...	1
Construction	1,963	42	138	1,377	10	202	80	37	70	7
Manufacturing	82,355	1,921	913	30,807	815	2,904	41,307	1,687	1,713	288
Durable goods	64,680	1,134	513	24,713	227	1,685	33,454	1,344	1,395	215
Logging	11	...	...	6	...	1	...	2	...	...
Sawmills, planing mills, and mill work	106	1	7	73	...	3	19	1	2	...
Miscellaneous wood products	161	1	2	39	...	5	105	4	5	...
Furniture and fixtures	550	2	11	206	6	17	287	8	11	2
Glass and glass products	222	5	3	103	3	7	89	5	6	1
Stone and clay products	1,236	32	17	296	5	25	801	15	34	11
Primary iron and steel industries	1,862	36	14	950	6	86	613	83	67	7
Primary nonferrous industries	1,060	19	11	388	1	16	582	17	25	1
Fabricated metal industries (incl. not spec. metal)	5,620	69	76	2,125	26	116	2,986	76	126	20
Machinery, except electrical	7,924	156	112	3,709	26	242	3,486	106	63	24
Electrical machinery, equipment, and supplies	2,286	37	26	787	12	81	1,271	29	37	6
Motor vehicles and motor vehicle equipment	40,488	710	150	15,155	41	993	21,391	959	964	125
Aircraft and parts	174	4	1	71	...	14	80	3	...	1
Ship and boat building and repairing	87	6	...	58	...	5	16	...	2	...
Railroad and misc. transportation equipment	120	3	3	46	1	2	34	28	1	2
All other durable goods	2,773	53	80	701	100	72	1,694	8	50	15
Nondurable goods	16,883	729	383	5,670	575	1,207	7,635	309	307	68
Meat products	747	3	8	128	13	9	556	9	18	3
Bakery products	1,889	4	54	329	130	243	1,027	52	50	...
Other food industries	2,112	45	53	646	49	62	1,108	86	51	12
Tobacco manufactures	367	...	2	36	3	7	302	4	12	1
Knitting mills	38	...	2	12	12	...	9	3	...	...
Yarn, thread, and fabric mills	197	...	2	45	1	12	131	3	1	2
Other textile mill products	238	6	5	49	2	7	153	6	10	...
Apparel and other fabricated textile products	1,711	18	28	170	44	55	1,367	12	15	2
Paper and allied products	884	8	7	265	5	21	549	7	20	2
Printing, publishing, and allied industries	3,418	280	131	1,688	195	665	386	42	16	15
Chemicals and allied products	3,364	312	74	1,499	110	90	1,137	65	59	18
Petroleum and coal products	320	17	7	252	5	4	25	7	2	1
Rubber products	1,293	29	8	481	3	25	698	10	32	7
Footwear, except rubber	11	...	...	3	...	...	6	...	2	...
Leather and leather products, except footwear	294	...	2	67	3	7	181	3	19	5
Not specified manufacturing industries	792	58	17	424	13	12	218	34	11	5
Transport, communication, & other public utilities	15,333	403	296	12,964	59	352	451	570	207	31
Railroads and railway express service	2,124	43	26	1,741	6	14	36	135	119	4
Street railways and bus lines	568	13	11	391	1	9	73	52	16	2
Trucking service and warehousing	1,219	14	53	985	5	11	94	38	18	1
Water transportation	137	5	4	68	2	7	14	33	1	3
Air transportation	264	9	4	191	7	3	4	43	1	2
All other transportation	397	12	24	254	1	3	86	7	6	4
Telecommunications	7,934	195	139	7,160	16	205	35	162	11	11
Electric and gas utilities	2,299	98	28	1,871	17	91	99	82	9	4
Water supply, sanitary services, and other utilities	391	14	7	303	4	9	10	18	26	...
Wholesale and retail trade	79,968	1,076	6,888	18,566	28,458	1,330	4,503	18,367	557	223
Wholesale trade	6,800	163	303	4,518	378	129	1,111	103	82	13
Food and dairy products stores, and milk retailing	12,784	28	1,625	2,533	6,949	194	685	681	66	23
General merchandise and five and ten cent stores	19,393	315	1,046	4,319	11,105	361	985	1,052	183	27
Apparel and accessories stores	7,684	90	943	1,211	3,798	255	1,142	156	83	6
Furniture, home furnishings, and equipment stores	2,147	47	173	929	643	78	176	92	8	1
Motor vehicles and accessories retailing	1,635	34	91	1,365	81	11	25	19	7	2
Gasoline service stations	260	2	58	111	15	6	60	4	4	...
Drug stores	3,257	146	154	207	1,879	15	32	809	11	4
Eating and drinking places	18,031	151	1,502	659	164	74	59	15,230	59	133
Hardware, farm implement, & bldg. material retailing	1,410	10	137	862	21	31	17	3	3	2
All other retail trade	6,567	90	856	1,852	3,119	186	197	204	51	12
Finance, insurance, and real estate	17,621	253	1,008	12,669	908	88	96	2,512	56	31
Banking and other finances	6,085	108	185	5,533	16	16	47	165	3	12
Insurance and real estate	11,536	145	823	7,136	892	72	49	2,347	53	19
Business and repair services	5,300	462	336	3,690	94	184	292	184	48	10
Business services	4,472	442	263	3,261	76	96	148	163	16	7
Automobile repair services and garages	397	12	36	222	5	34	41	17	28	2
Miscellaneous repair services	431	8	37	207	13	54	103	4	4	1
Personal services	37,474	487	931	2,496	364	258	6,387	26,355	119	77
Private households	19,996	142	16	48	17	5	53	19,650	42	23
Hotels and lodging places	3,990	71	270	690	22	20	102	2,799	13	3
Laundry, cleaning, and dyeing services	8,244	14	502	1,466	247	195	5,649	73	54	44
All other personal services	5,244	260	143	292	78	38	583	3,833	10	7
Entertainment and recreation services	3,149	663	208	1,143	233	25	91	766	12	8
Professional and related services	49,055	27,678	615	10,327	70	130	772	9,272	140	51
Medical and other health services	21,019	9,557	217	4,334	21	55	527	6,232	45	31
Educational services, government	15,969	12,178	144	1,788	4	42	61	1,686	48	8
Educational services, private	5,292	4,277	78	509	9	16	38	437	20	8
Welfare, religious, and membership organizations	4,456	1,359	146	1,912	32	11	129	837	26	4
Legal, engineering, and misc. professional services	2,219	307	30	1,774	4	6	17	80	1	...
Public administration	10,093	1,158	267	7,952	16	44	74	516	34	32
Postal service	745	2	23	648	2	8	6	52	3	1
Federal public administration	4,552	207	68	4,170	8	7	25	46	2	19
State and local public administration	4,796	949	176	3,134	6	29	43	418	29	12
Industry not reported	4,490	137	71	928	64	16	165	6	34	3,069

DETAILED CHARACTERISTICS

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Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
FLINT										
Male, employed	82,148	4,275	7,024	4,736	4,470	18,086	34,458	3,884	4,545	670
Agriculture, forestry, and fisheries	2,279	26	1,592	4	4	4	11	1	636	1
Agriculture	2,273	25	1,591	4	4	4	11	1	632	1
Forestry and fisheries	6	1	1	...	...	...	...	...	4	...
Mining	73	3	17	3	1	13	31	1	3	1
Coal mining	1	...	...	...	...	...	1	...	...	...
Crude petroleum and natural gas extraction	20	1	12	1	...	1	4	...	...	1
Mining and quarrying, except fuel	52	2	5	2	1	12	26	1	3	...
Construction	3,690	83	377	44	15	2,388	247	10	522	4
Manufacturing	52,331	1,756	757	3,080	690	12,396	29,755	1,376	2,341	180
Durable goods	49,868	1,633	581	2,955	132	11,893	28,934	1,333	2,232	175
Logging	6	...	...	...	...	2	1	...	3	...
Sawmills, planing mills, and mill work	98	...	13	1	...	25	49	1	9	...
Miscellaneous wood products	20	...	4	...	1	6	7	...	2	...
Furniture and fixtures	74	1	3	3	7	35	25	...	...	...
Glass and glass products	40	2	2	...	1	6	27	1	1	...
Stone and clay products	141	3	23	...	7	23	66	...	18	...
Primary iron and steel industries	265	17	15	9	1	68	128	9	18	...
Primary nonferrous industries	23	...	1	3	...	3	15	...	1	...
Fabricated metal industries (incl. not spec. metal)	281	19	24	12	10	75	122	4	14	1
Machinery, except electrical	545	56	63	27	23	204	150	11	11	...
Electrical machinery, equipment, and supplies	69	13	7	1	4	19	21	...	3	1
Motor vehicles and motor vehicle equipment	47,917	1,497	402	2,076	72	11,330	28,135	1,301	2,132	172
Aircraft and parts	22	3	...	2	...	3	12	...	2	...
Ship and boat building and repairing	17	...	...	2	...	12	3	...	...	...
Railroad and misc. transportation equipment	188	10	4	12	...	41	104	4	13	...
All other durable goods	162	12	20	6	6	41	69	2	5	1
Nondurable goods	2,420	121	174	122	557	494	800	42	105	5
Meat products	111	...	11	3	19	8	64	3	3	...
Bakery products	306	...	24	7	14	96	148	13	4	...
Other food industries	420	6	49	21	34	71	196	6	36	1
Tobacco manufactures	8	...	1	1	3	1	2	...	...	...
Knitting mills	1	...	...	...	1	...	...	...	...	...
Yarn, thread, and fabric mills	56	2	3	2	5	5	27	2	7	3
Other textile mill products	138	1	4	2	2	16	89	2	22	...
Apparel and other fabricated textile products	36	...	4	3	3	2	19	2	3	...
Paper and allied products	24	...	2	1	3	4	13	...	1	...
Printing, publishing, and allied industries	891	48	53	40	439	231	69	3	7	1
Chemicals and allied products	396	62	15	40	28	55	163	11	22	...
Petroleum and coal products	19	1	5	1	4	3	5	...	...	...
Rubber products	9	1	2	1	1	3	...	...	...	...
Footwear, except rubber	1	...	...	...	...	1	...	...	...	...
Leather and leather products, except footwear	4	...	1	...	1	1	...	...	...	...
Not specified manufacturing industries	43	2	2	3	1	9	21	1	4	...
Transport, communication, & other public utilities	3,522	90	227	315	13	878	1,686	50	259	4
Railroads and railway express services	590	1	44	116	...	137	192	15	83	2
Street railways and bus lines	265	3	8	14	...	40	190	8	2	...
Trucking service and warehousing	1,215	5	88	68	4	67	918	2	63	...
Water transportation	16	1	4	...	...	2	7	1	1	...
Air transportation	31	...	3	4	...	14	...	3	...	...
All other transportation	267	6	14	8	...	15	223	...	1	...
Telecommunications	457	19	42	33	2	311	29	8	13	...
Electric and gas utilities	503	39	12	66	7	253	69	9	46	2
Water supply, sanitary services, and other utilities	178	9	12	6	...	39	58	4	50	...
Wholesale and retail trade	10,898	277	3,033	440	2,954	1,039	1,996	676	465	18
Wholesale trade	1,842	44	381	128	569	124	475	12	106	3
Food and dairy products stores, and milk retailing	2,104	12	610	102	563	73	572	30	141	1
General merchandise and five and ten cent stores	447	2	164	34	139	43	17	25	22	1
Apparel and accessories stores	410	3	150	9	188	36	4	9	9	2
Furniture, home furnishings, and equipment stores	661	4	165	33	242	148	45	5	18	1
Motor vehicles and accessories retailing	1,110	11	250	44	448	219	75	28	32	3
Gasoline service stations	954	1	398	5	5	44	475	2	24	...
Drug stores	318	158	15	5	111	2	4	15	7	1
Eating and drinking places	957	10	386	5	6	7	17	517	7	2
Hardware, farm implement, & bldg. material retailing	1,061	12	241	45	352	212	125	9	63	2
All other retail trade	1,034	20	273	30	331	131	187	24	36	2
Finance, insurance, and real estate	1,361	43	296	165	685	41	10	62	58	1
Banking and other finance	345	21	157	128	8	14	1	16	...	...
Insurance and real estate	1,016	22	139	37	677	27	9	46	58	1
Business and repair services	1,512	102	203	51	33	849	172	37	62	3
Business services	330	96	60	41	23	53	19	32	5	1
Automobile repair services and garages	878	3	107	9	9	587	107	5	50	1
Miscellaneous repair services	304	3	36	1	1	209	46	...	7	1
Personal services	1,314	107	146	21	22	110	345	529	34	...
Private households	94	1	...	3	...	3	3	61	23	...
Hotels and lodging places	190	9	41	15	...	20	7	96	2	...
Laundry, cleaning, and dyeing services	467	...	100	3	18	17	309	13	7	...
All other personal services	563	97	5	...	4	70	26	359	2	...
Entertainment and recreation services	686	112	136	19	15	66	13	297	26	2
Professional and related services	2,297	1,500	100	67	13	201	70	309	35	2
Medical and other health services	584	437	20	13	1	32	15	61	4	1
Educational services, government	729	417	8	16	...	116	23	145	4	...
Educational services, private	322	239	12	12	10	17	4	25	3	...
Welfare, religious, and membership organizations	474	248	52	21	2	26	28	75	21	1
Legal, engineering, and misc. professional services	188	159	8	5	...	10	...	3	3	...
Public administration	1,522	142	122	515	3	81	67	522	57	13
Postal service	451	1	13	402	1	6	3	10	14	1
Federal public administration	124	31	36	44	...	4	4	2	2	1
State and local public administration	947	110	73	69	2	71	60	510	41	11
Industry not reported	663	34	18	12	22	20	55	14	47	441

Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
FLINT										
Female, employed.....	26,326	3,021	985	6,535	2,932	342	6,238	5,328	221	724
Agriculture, forestry, and fisheries.....	140	1	53	3	1	1	2	2	77	...
Agriculture.....	140	1	53	3	1	1	2	2	77	...
Forestry and fisheries.....	...	...	...	...	...	...	...	...	...	...
Mining.....	4	1	1	1	...	...	...	...	...	1
Coal mining.....	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction.....	1	1	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel.....	3	...	1	1	...	...	...	...	...	1
Construction.....	134	2	10	90	2	16	5	4	5	...
Manufacturing.....	8,219	123	49	2,137	45	205	5,415	137	81	27
Durable goods.....	7,732	105	24	1,943	11	137	5,280	130	77	25
Logging.....	1	...	...	1	...	...	...	...	...	...
Sawmills, planing mills, and mill work.....	6	...	...	6	...	...	...	...	...	...
Miscellaneous wood products.....	4	1	...	1	...	...	2	...	...	...
Furniture and fixtures.....	25	...	1	6	1	2	15	...	...	...
Glass and glass products.....	6	...	...	2	...	1	3	...	...	...
Stone and clay products.....	7	...	2	3	...	...	2	...	...	...
Primary iron and steel industries.....	19	...	...	8	...	3	6	...	2	...
Primary nonferrous industries.....	10	...	...	1	...	...	9	...	...	...
Fabricated metal industries (incl. not spec. metal).....	62	...	2	23	...	1	35	...	1	...
Machinery, except electrical.....	160	1	1	41	...	3	112	1	1	...
Electrical machinery, equipment, and supplies.....	43	...	...	10	...	1	32	...	...	...
Motor vehicles and motor vehicle equipment.....	7,295	101	14	1,815	7	124	5,009	127	73	25
Aircraft and parts.....	4	...	...	1	...	...	2	1	...	...
Ship and boat building and repairing.....	5	...	...	5	...	...	...	...	...	...
Railroad and misc. transportation equipment.....	25	1	1	3	...	...	19	1	...	...
All other durable goods.....	60	1	3	17	3	2	34	...	...	...
Non-durable goods.....	473	17	25	191	34	67	127	7	4	1
Meat products.....	22	...	1	7	...	...	11	2	1	...
Bakery products.....	70	...	5	10	3	17	34	1	...	...
Other food industries.....	51	1	7	27	4	...	11	...	1	...
Tobacco manufactures.....	4	...	...	4	...	...	...	...	...	...
Knitting mills.....	3	...	...	2	1	...	...	...	...	...
Yarn, thread, and fabric mills.....	3	...	1	...	...	...	2	...	...	...
Other textile mill products.....	9	...	...	1	...	...	8	...	...	...
Apparel and other fabricated textile products.....	32	...	1	3	1	1	26	...	...	...
Paper and allied products.....	11	...	...	3	...	...	8	...	...	...
Printing, publishing, and allied industries.....	213	13	7	101	18	47	25	1	...	1
Chemicals and allied products.....	50	3	3	30	7	2	1	2	2	...
Petroleum and coal products.....	2	...	...	2	...	...	...	...	...	...
Rubber products.....	3	...	...	2	...	...	1	...	...	...
Footwear, except rubber.....	...	...	...	...	...	...	...	...	...	...
Leather and leather products, except footwear.....	...	...	...	...	...	...	...	...	...	...
Not specified manufacturing industries.....	14	1	...	3	...	1	8	...	...	1
Transport, communication, & other public utilities.....	772	21	14	642	5	11	57	22	...	...
Railroads and railway express service.....	19	...	...	15	...	...	3	1	...	...
Street railways and bus lines.....	40	...	...	18	...	2	14	5	...	...
Trucking service and warehousing.....	86	2	6	71	...	1	3	3	...	...
Water transportation.....	1	1	...	...	...	...	...	...	...	...
Air transportation.....	4	2	1	1	...	...	...	...	...	...
All other transportation.....	64	4	...	32	1	...	...	...	...	...
Telecommunications.....	411	...	5	386	5	...	27	...	...	...
Electric and gas utilities.....	133	11	5	109	2	3	3	11	...	...
Water supply, sanitary services, and other utilities.....	14	...	2	109	2	3	4	2	...	...
Wholesale and retail trade.....	6,699	52	607	1,268	2,722	76	184	1,747	36	7
Wholesale trade.....	287	6	21	215	28	...	12	3	2	...
Food and dairy products stores, and milk retailing.....	1,032	3	137	194	605	18	21	53	1	...
General merchandise and five and ten cent stores.....	1,277	11	66	216	875	7	46	45	10	1
Apparel and accessories stores.....	745	2	61	98	461	21	80	12	9	1
Furniture, home furnishings, and equipment stores.....	241	5	12	96	109	3	7	7	1	1
Motor vehicles and accessories retailing.....	159	6	10	126	11	...	4	...	1	1
Gasoline service stations.....	29	...	6	12	3	1	6	1	...	...
Drug stores.....	273	6	5	10	223	1	...	28	...	...
Eating and drinking places.....	1,867	6	199	46	19	6	2	1,581	6	2
Hardware, farm implement, & bldg. material retailing.....	173	1	12	98	56	1	...	3	2	...
All other retail trade.....	616	6	78	157	332	18	6	14	4	1
Finance, insurance, and real estate.....	1,001	12	51	730	99	1	5	95	7	1
Banking and other finance.....	467	7	21	409	2	...	1	26	1	...
Insurance and real estate.....	534	5	30	321	97	1	4	69	6	1
Business and repair services.....	228	30	15	142	5	12	13	10	1	...
Business services.....	178	28	8	121	4	3	5	9	...	...
Automobile repair services and garages.....	29	2	3	15	...	...	5	1	1	...
Miscellaneous repair services.....	21	...	4	6	1	7	3	...	...	...
Personal services.....	3,135	34	81	155	17	8	474	2,361	5	...
Private households.....	1,839	11	1	1	2	...	1	1,821	2	...
Hotels and lodging places.....	303	5	26	39	3	...	14	216	...	...
Laundering, cleaning, and dyeing services.....	550	...	45	95	8	3	394	2	3	...
All other personal services.....	443	18	9	20	4	5	65	322	...	...
Entertainment and recreation services.....	264	54	14	92	16	3	4	78	1	2
Professional and related services.....	4,333	2,616	55	741	8	5	61	837	5	5
Medical and other health services.....	1,790	795	18	344	...	1	46	581	...	5
Educational services, government.....	1,677	1,406	14	124	1	3	4	123	2	...
Educational services, private.....	428	309	5	77	1	...	...	34	2	...
Welfare, religious, and membership organizations.....	344	100	18	110	6	1	10	98	1	...
Legal, engineering, and misc. professional services.....	94	6	...	86	...	...	1	...	...	...
Public administration.....	575	42	31	459	4	2	5	29	...	3
Postal service.....	68	1	9	55	1	...	...	1	...	1
Federal public administration.....	192	4	1	185	1	...	...	...	...	1
State and local public administration.....	315	37	21	219	2	2	5	28	...	1
Industry not reported.....	822	33	4	75	8	2	13	6	3	678

DETAILED CHARACTERISTICS

Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
GRAND RAPIDS										
Male, employed	81,720	5,741	12,231	5,554	7,073	18,168	22,835	4,234	5,214	670
Agriculture, forestry, and fisheries	4,078	48	2,882	2	9	7	26	7	1,087	10
Agriculture	4,052	42	2,879	2	8	7	23	7	1,075	9
Forestry and fisheries	26	6	3	...	1	...	3	...	12	1
Mining	231	20	40	13	5	34	113	1	3	2
Coal mining	5	...	1	...	2	2	...	...	...	...
Crude petroleum and natural gas extraction	115	17	33	12	...	13	40	...	...	...
Mining and quarrying, except fuel	111	3	6	1	3	19	73	1	3	2
Construction	5,796	184	777	65	39	3,577	415	11	704	24
Manufacturing	35,627	1,775	2,058	2,223	1,497	9,039	16,480	764	1,586	205
Durable goods	28,686	1,391	1,401	1,735	586	7,316	14,244	604	1,268	141
Logging	15	...	3	...	...	1	...	...	10	...
Sawmills, planing mills, and mill work	633	26	55	51	27	119	290	11	53	...
Miscellaneous wood products	342	11	42	19	10	51	190	7	12	...
Furniture and fixtures	6,651	280	299	324	128	1,741	3,521	131	209	18
Glass and glass products	94	2	10	7	4	11	56	2	1	1
Stone and clay products	455	8	39	19	26	99	173	9	80	2
Primary iron and steel industries	687	18	35	25	7	244	283	13	59	3
Primary nonferrous industries	610	29	40	57	10	158	270	20	25	1
Fabricated metal industries (incl. not spec. metal)	4,387	209	270	300	95	1,071	2,117	95	215	15
Machinery, except electrical	7,182	336	296	436	143	1,818	3,665	166	279	43
Electrical machinery, equipment, and supplies	861	79	57	43	28	213	396	20	21	4
Motor vehicles and motor vehicle equipment	5,284	186	134	357	37	1,392	2,742	110	281	45
Aircraft and parts	552	158	23	42	1	174	344	4	4	2
Ship and boat building and repairing	123	...	8	5	1	44	53	1	7	1
Railroad and misc. transportation equipment	29	3	4	1	...	8	12	1	...	...
All other durable goods	781	46	86	49	69	172	331	11	12	5
Non-durable goods	6,751	367	637	477	887	1,692	2,188	142	299	62
Meat products	224	2	30	13	30	14	11.5	5	15	...
Bakery products	870	18	61	55	29	329	307	27	40	4
Other food industries	779	23	106	33	122	96	31.5	13	63	8
Tobacco manufactures	18	...	5	...	8	2	...	1	...	...
Knitting mills	112	8	16	3	27	41	2	3	...	...
Yarn, thread, and fabric mills	79	3	13	17	6	14	1.5	3	7	1
Other textile mill products	140	4	10	11	7	30	51	4	8	15
Apparel and other fabricated textile products	136	6	16	6	23	26	4.8	2	3	6
Paper and allied products	954	60	67	80	33	177	439	29	59	10
Printing, publishing, and allied industries	1,910	126	178	133	464	782	188	27	8	4
Chemicals and allied products	484	57	59	41	109	40	139	9	30	...
Petroleum and coal products	142	29	26	16	18	23	21	1	8	...
Rubber products	349	19	25	32	20	62	164	8	18	1
Footwear, except rubber	325	4	11	15	10	45	209	7	12	12
Leather and leather products, except footwear	229	8	14	13	5	25	134	5	24	1
Not specified manufacturing industries	190	17	20	11	24	31	48	18	19	2
Transport, communication, & other public utilities	6,718	244	583	834	59	1,953	2,193	155	658	39
Railroads and railway express service	2,333	24	202	342	2	801	550	115	295	2
Street railways and bus lines	349	4	25	25	1	66	214	7	4	3
Trucking service and warehousing	1,839	27	167	181	13	115	1,098	13	208	17
Water transportation	28	1	3	3	...	5	12	...	4	...
Air transportation	57	13	12	8	1	14	4	1	1	3
All other transportation	192	2	15	18	...	12	128	1	15	1
Telecommunications	676	73	83	84	4	394	20	4	7	7
Electric and gas utilities	985	90	49	148	36	481	114	11	51	5
Water supply, sanitary services, and other utilities	259	10	27	25	2	65	53	3	73	1
Wholesale and retail trade	15,530	484	4,227	968	4,198	1,521	2,617	813	679	23
Wholesale trade	4,380	129	960	478	1,405	310	838	27	228	5
Food and dairy products stores, and milk retailing	2,769	24	786	131	681	199	757	43	144	4
General merchandise and five and ten cent stores	811	10	254	90	213	101	46	59	34	4
Apparel and accessories stores	563	4	198	20	227	76	17	12	9	...
Furniture, home furnishings, and equipment stores	902	12	213	43	325	208	75	10	14	2
Motor vehicles and accessories retailing	1,018	12	289	43	419	154	51	12	38	...
Gasoline service stations	916	...	382	6	10	36	448	...	33	1
Drug stores	464	219	42	11	126	7	19	27	11	2
Eating and drinking places	1,030	12	372	8	16	12	7	597	5	1
Hardware, farm implement, & bldg. material retailing	1,322	26	338	60	369	266	144	10	108	1
All other retail trade	1,355	36	393	78	407	192	215	16	55	3
Finance, insurance, and real estate	2,215	98	498	320	1,036	70	16	99	64	14
Banking and other finance	647	44	261	246	50	16	4	22	2	2
Insurance and real estate	1,568	54	237	74	986	54	12	77	62	12
Business and repair services	2,698	229	384	84	100	1,397	288	84	111	21
Business services	708	225	139	68	78	86	33	70	8	1
Automobile repair services and garages	1,378	1	180	12	18	920	140	9	98	...
Miscellaneous repair services	612	3	65	4	4	391	115	5	5	20
Personal services	2,025	167	213	56	42	184	488	798	69	8
Private households	197	1	4	3	1	8	35	90	53	2
Hotels and lodging places	548	8	75	33	4	30	25	346	7	...
Laundry, cleaning, and dyeing services	635	1	113	17	32	42	403	15	8	4
All other personal services	645	157	21	3	5	84	25	347	1	2
Entertainment and recreation services	743	137	157	13	12	61	26	296	37	4
Professional and related services	3,235	2,093	112	89	16	174	115	580	52	4
Medical and other health services	1,064	723	27	26	2	65	40	169	10	2
Educational services, government	728	422	7	14	1	65	38	175	5	1
Educational services, private	303	200	7	3	6	16	8	55	8	...
Welfare, religious, and membership organizations	749	389	66	40	1	23	22	179	28	1
Legal, engineering, and misc. professional services	391	359	5	6	6	5	7	2	1	...
Public administration	2,122	211	218	838	6	117	45	598	76	13
Postal service	741	...	35	652	...	11	9	21	12	1
Federal public administration	212	63	50	72	1	9	3	7	1	6
State and local public administration	1,169	148	133	114	5	97	33	570	63	6
Industry not reported	702	51	82	49	54	34	13	28	88	303

Table 84.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

Area, industry, and sex	Total, 14 years old and over	Professional, technical, and kindred workers	Managers, officials, and proprietors, incl. farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers, incl. private household	Laborers, except mine	Occupation not reported
GRAND RAPIDS										
Female, employed.....	32,193	4,087	1,098	9,245	3,130	626	7,279	5,777	477	474
Agriculture, forestry, and fisheries.....	164	3	54	14	6	1	7	4	75	...
Agriculture.....	162	2	54	14	6	1	7	4	74	...
Forestry and fisheries.....	2	1	...	...	...	...	...	...	1	...
Mining.....	10	...	2	7	...	...	1	...	...	...
Coal mining.....	1	...	...	1	...	...	...	...	...	...
Crude petroleum and natural gas extraction.....	6	...	2	4	...	...	...	...	...	...
Mining and quarrying, except fuel.....	3	...	...	2	...	...	1	...	...	...
Construction.....	168	2	7	113	1	29	8	2	6	...
Manufacturing.....	9,351	183	101	2,313	85	377	5,872	113	283	24
Durable goods.....	6,335	98	45	1,500	22	159	4,187	66	236	22
Logging.....	2	...	...	2	...	...	...	...	...	...
Sawmills, planing mills, and mill work.....	126	2	...	46	...	3	66	4	5	...
Miscellaneous wood products.....	63	1	1	23	...	2	33	1	2	...
Furniture and fixtures.....	1,148	15	8	342	2	44	696	16	19	6
Glass and glass products.....	25	...	...	10	...	...	14	...	1	...
Stone and clay products.....	21	...	2	11	...	...	7	...	1	...
Primary iron and steel industries.....	51	1	2	20	1	1	23	2	1	...
Primary nonferrous industries.....	186	5	2	41	1	1	124	1	11	...
Fabricated metal industries (incl. not spec. metal).....	1,550	18	5	268	3	26	1,093	16	117	4
Machinery, except electrical.....	1,250	21	11	335	1	23	821	10	22	6
Electrical machinery, equipment, and supplies.....	311	4	4	101	3	17	174	2	6	...
Motor vehicles and motor vehicle equipment.....	1,098	16	3	178	1	18	821	11	45	5
Aircraft and parts.....	182	9	1	57	...	5	108	...	2	...
Ship and boat building and repairing.....	35	...	...	8	...	3	23	...	1	...
Railroad and misc. transportation equipment.....	9	...	1	2	...	...	3	...	...	1
All other durable goods.....	278	6	5	56	10	16	181	...	3	...
Nondurable goods.....	2,943	79	54	784	62	218	1,656	43	45	2
Meat products.....	77	...	...	11	1	1	60	1	3	...
Bakery products.....	454	3	1	63	10	52	304	10	11	...
Other food industries.....	121	4	1	58	4	2	39	8	9	...
Tobacco manufactures.....	38	...	...	4	...	...	33	...	1	...
Knitting mills.....	322	2	1	52	3	11	242	10	1	...
Yarn, thread, and fabric mills.....	110	1	1	15	...	5	87	1	...	...
Other textile mill products.....	84	...	...	11	...	3	66	1	2	...
Apparel and other fabricated textile products.....	276	1	9	32	5	8	218	...	3	...
Paper and allied products.....	361	10	5	92	3	6	236	2	6	1
Printing, publishing, and allied industries.....	570	45	25	245	26	119	104	3	2	1
Chemicals and allied products.....	92	7	7	46	9	3	18	1	1	...
Petroleum and coal products.....	34	2	...	28	...	...	2	2	...	...
Rubber products.....	176	2	1	41	...	1	122	3	6	...
Footwear, except rubber.....	187	1	2	73	...	7	102	1	1	...
Leather and leather products, except footwear.....	41	1	...	13	1	...	23	...	3	...
Not specified manufacturing industries.....	73	6	2	29	1	...	29	4	2	...
Transport, communication, & other public utilities.....	1,420	83	20	1,182	4	29	20	61	20	1
Railroads and railway express service.....	105	3	1	51	...	2	3	29	16	...
Street railways and bus lines.....	37	1	...	31	...	1	1	3	...	...
Trucking service and warehousing.....	201	3	6	177	1	1	8	4	1	...
Water transportation.....	3	...	...	1	...	1	1	...	...	...
Air transportation.....	21	4	1	13	...	1	...	2	...	...
All other transportation.....	25	5	2	16	...	...	1	1	...	...
Telecommunications.....	829	57	6	725	...	18	4	16	2	1
Electric and gas utilities.....	179	9	4	150	3	5	2	5	1	...
Water supply, sanitary services, and other utilities.....	20	1	...	18	...	...	...	1	...	...
Wholesale and retail trade.....	8,072	102	629	2,137	2,853	121	472	1,659	51	48
Wholesale trade.....	982	15	44	701	46	11	134	5	12	14
Food and dairy products stores, and milk retailing.....	1,065	4	91	289	564	15	63	25	5	9
General merchandise and five and ten cent stores.....	2,052	40	152	405	1,178	28	107	126	14	2
Apparel and accessories stores.....	723	5	79	111	364	21	116	13	5	6
Furniture, home furnishings, and equipment stores.....	245	3	19	93	82	16	13	12	4	3
Motor vehicles and accessories retailing.....	108	1	9	83	11	2	1	...	1	...
Gasoline service stations.....	24	...	9	7	...	1	6	...	...	...
Drug stores.....	384	13	12	55	239	2	4	59	...	...
Eating and drinking places.....	1,606	7	121	44	24	2	2	1,397	5	4
Hardware, farm implement, & bldg. material retailing.....	190	...	9	134	35	2	6	3	1	...
All other retail trade.....	693	14	84	215	310	21	28	18	5	6
Finance, insurance, and real estate.....	1,705	14	65	1,322	103	5	6	179	4	7
Banking and other finance.....	652	8	25	584	...	3	3	27	1	1
Insurance and real estate.....	1,053	6	40	738	103	2	3	152	3	6
Business and repair services.....	456	47	19	287	12	20	41	25	2	3
Business services.....	358	45	16	249	9	5	12	20	...	2
Automobile repair services and garages.....	39	2	3	22	1	3	2	4	2	...
Miscellaneous repair services.....	59	...	...	16	2	12	27	1	...	1
Personal services.....	3,823	60	84	221	23	25	716	2,681	12	1
Private households.....	2,026	14	2	5	...	1	10	1,993	1	...
Hotels and lodging places.....	511	7	35	79	2	...	30	355	3	...
Laundering, cleaning, and dyeing services.....	761	2	33	101	9	19	580	9	7	1
All other personal services.....	525	37	14	36	12	5	96	324	1	...
Entertainment and recreation services.....	282	58	18	81	10	1	6	102	3	3
Professional and related services.....	5,653	3,459	61	1,056	3	13	112	919	15	15
Medical and other health services.....	2,483	1,238	32	501	1	6	67	625	7	6
Educational services, government.....	1,548	1,332	2	149	...	3	1	58	3	...
Educational services, private.....	774	644	9	59	1	1	3	44	5	8
Welfare, religious, and membership organizations.....	659	227	17	188	1	2	39	184	...	1
Legal, engineering, and misc. professional services.....	189	18	1	159	...	1	2	8	...	...
Public administration.....	519	63	29	403	...	2	3	16	2	1
Postal services.....	27	...	4	22	...	...	...	1	...	...
Federal public administration.....	195	11	2	180	...	1	...	...	...	1
State and local public administration.....	297	52	23	201	...	1	3	15	2	...
Industry not reported.....	570	13	9	109	30	3	15	16	4	371

DETAILED CHARACTERISTICS

Table 85.—WEEKS WORKED IN 1949 BY THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 79]

Area and industry	Male, 14 years old and over								Female, 14 years old and over							
	Total	Did not work in 1949	Worked in 1949 (number of weeks)					Work in 1949 not reported	Total	Did not work in 1949	Worked in 1949 (number of weeks)					Work in 1949 not reported
			1 to 13	14 to 20	27 to 39	40 to 49	50 to 52				1 to 13	14 to 20	27 to 39	40 to 49	50 to 52	
FLINT																
Experienced civilian labor force	83,640	2,885	2,130	4,435	4,765	15,385	52,300	1,740	27,130	3,745	1,945	2,800	2,505	3,725	11,195	1,215
Agriculture, forestry, and fisheries	2,445	335	75	95	80	105	1,680	75	100	30	...	10	...	...	50	10
Agriculture	2,445	335	75	95	80	105	1,675	75	100	30	...	10	...	...	50	10
Forestry and fisheries	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Mining	90	5	5	35	...	10	35	...	10	...	...	5	...	...	5	...
Coal mining	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction	20	...	...	5	...	5	10	...	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel	65	...	5	30	...	5	25	...	10	...	...	5	...	...	5	...
Construction	3,795	130	175	490	550	975	1,380	95	140	10	15	15	20	30	45	5
Manufacturing	52,555	1,175	955	2,315	2,755	11,185	33,265	905	8,005	435	390	740	565	1,430	4,250	195
Durable goods	49,980	1,000	890	2,175	2,575	10,880	31,645	815	7,465	410	325	705	535	1,350	3,955	185
Logging	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work	95	5	10	5	10	10	55	...	10	5	...	...	...	...	5	...
Miscellaneous wood products	5	...	...	...	...	...	5	...	10	...	5	5	...	...	...	...
Furniture and fixtures	95	...	...	...	10	5	80	...	30	15	...	...	5	...	10	...
Glass and glass products	70	...	...	...	...	10	55	...	...	...	...	...	...	...	...	...
Stone and clay products	125	...	10	20	20	20	65	5	5	...	...	...	...	...	5	...
Primary iron and steel industries	290	5	10	25	35	45	170	...	15	...	5	...	5	5	5	...
Primary nonferrous industries	20	...	...	...	...	5	10	...	20	...	...	...	5	5	10	...
Fabric'd metal ind. (incl. not spec. metal)	270	10	15	25	15	55	130	20	65	...	5	5	15	35	5	...
Machinery, except electrical	530	10	30	55	55	100	280	...	155	15	5	5	20	35	70	5
Electrical machinery, equip., and supplies	65	...	5	5	5	10	40	...	55	...	20	5	10	15	5	...
Motor vehicles & motor vehicle equipment	48,120	960	795	2,030	2,400	10,570	30,575	790	7,040	375	305	650	499	12,775	3,775	170
Aircraft and parts	20	...	...	...	5	5	10	...	...	...	...	...	...	...	...	...
Ship and boat building and repairing	25	5	...	...	5	5	10	...	...	...	...	...	...	...	...	...
Railroad & misc. transportation equipment	60	...	5	5	5	10	40	...	5	...	5	...	...	...	...	...
All other durable goods	185	5	5	20	5	30	120	...	55	...	5	15	...	10	25	...
Nondurable goods	2,490	175	60	135	170	285	1,585	80	515	25	65	35	30	75	275	10
Meat products	125	10	...	10	10	25	70	...	25	...	5	...	...	10	5	5
Bakery products	285	5	5	15	...	30	215	15	90	5	10	...	10	20	40	5
Other food industries	365	10	5	35	40	30	235	10	25	...	5	...	...	...	20	...
Tobacco manufactures	25	...	...	...	5	5	15	...	5	...	...	...	...	...	5	...
Knitting mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yarn, thread, and fabric mills	55	...	5	...	10	35	5	10	...	5	...	...	...	...	5	...
Other textile mill products	165	5	...	5	15	35	100	5	5	...	5	...	...	...	...	...
Apparel & other fabricated textile products	20	...	...	...	...	5	15	...	50	...	15	10	5	5	15	...
Paper and allied products	35	...	...	...	5	5	20	5	20	...	...	5	...	5	10	...
Printing, publishing, and allied industries	970	145	40	60	75	70	540	40	235	20	25	10	10	30	140	...
Chemicals and allied products	420	...	10	5	10	65	330	...	45	...	5	5	5	30	...	...
Petroleum and coal products	15	...	...	...	10	...	5	...	5	...	...	...	...	...	5	...
Rubber products	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Footwear, except rubber	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leather & leather products, exc. footwear	5	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Not specified manufacturing industries	85	...	5	5	10	20	35	10	25	...	...	...	5	20	...	...
Transport, commun., & other public util.	3,455	50	65	150	200	590	2,365	35	730	40	55	35	30	90	470	10
Railroads and railway express service	525	5	10	5	25	65	415	...	20	...	5	...	...	...	15	...
Street railways and bus lines	240	5	5	10	...	55	165	...	25	...	...	10	5	10	...	...
Trucking service and warehousing	1,235	25	15	75	95	255	760	10	85	5	5	...	5	25	45	...
Water transportation	20	5	5	...	5	5	...	...	...	...	...	...	...	...	...	...
Air transportation	25	...	...	...	...	...	25	...	...	...	...	...	...	...	...	...
All other transportation	290	...	5	40	30	70	130	15	55	...	20	5	...	15	15	...
Telecommunications	445	5	5	...	15	45	365	10	385	20	20	10	10	35	280	10
Electric and gas utilities	500	5	15	10	10	80	380	...	140	10	10	15	5	10	90	...
Water supply, sanitary services, & other util.	175	...	5	10	20	15	125	...	20	5	...	...	...	...	15	...
Wholesale and retail trade	11,355	505	455	700	560	1,200	7,715	220	6,560	830	725	845	490	765	2,665	240
Wholesale trade	1,910	40	55	80	65	185	1,440	45	275	10	25	35	20	20	165	...
Food & dairy prod. stores, & milk retailing	2,095	100	90	135	90	215	1,435	...	985	95	80	135	50	85	535	5
General merchandise & five & ten cent stores	435	30	25	25	35	55	260	5	1,205	130	180	85	70	170	500	70
Apparel and accessories stores	495	15	30	35	15	45	335	...	805	70	85	90	95	80	330	55
Furniture, home furnishings, & equip. stores	660	35	5	55	45	95	410	15	260	20	10	50	25	45	105	5
Motor vehicles and accessories retailing	1,100	20	25	95	70	135	745	10	115	...	5	5	10	15	80	...
Gasoline service stations	1,060	90	80	50	55	125	655	5	25	...	5	...	...	5	15	...
Drug stores	305	10	15	25	25	15	210	5	255	40	25	55	15	25	90	5
Eating and drinking places	995	50	50	65	55	100	650	25	1,910	380	235	315	150	230	535	65
Hardware, farm implem't, & bldg. mater'l ret.	1,185	40	25	40	55	105	890	30	165	15	5	30	10	10	85	10
All other retail trade	1,115	75	55	95	50	125	685	30	560	70	70	45	45	80	225	25
Finance, insurance, and real estate	1,270	20	15	55	55	165	930	30	945	100	45	80	65	95	535	25
Banking and other finance	350	10	...	5	10	50	260	15	465	45	20	50	25	45	265	15
Insurance and real estate	920	10	15	50	45	115	670	15	480	55	25	30	40	50	270	10
Business and repair services	1,480	55	40	40	60	225	1,015	45	225	25	10	40	15	5	125	5
Business services	295	5	5	5	10	40	225	5	180	20	5	35	5	5	105	5
Automobile repair services and garages	905	40	25	20	35	155	605	25	15	...	...	...	...	...	10	...
Miscellaneous repair services	280	10	15	15	30	185	15	30	30	5	5	5	5	...	10	...
Personal services	1,170	65	65	75	45	135	775	10	3,200	745	255	405	260	330	1,025	180
Private households	90	10	10	10	...	10	45	5	1,960	605	195	270	150	180	410	150
Hotels and lodging places	220	20	20	10	5	25	140	...	295	25	5	30	10	45	165	5
Laundering, cleaning, and dyeing services	405	25	10	20	15	35	300	...	510	65	40	60	35	50	255	5
All other personal services	455	10	25	35	25	65	290	5	435	50	15	45	65	55	195	10
Entertainment and recreation services	690	75	75	45	80	75	305	35	265	45	40	55	20	15	85	5
Professional and related services	2,115	35	45	135	150	405	1,300	45	4,345	335	240	375	960	825	1,480	130
Medical and other health services	555	5	5	25	25	115	360	25	1,760	175	105	230	150	230	615	55
Educational services, government	700	...	20	40	75	210	340	15	1,705	90	110	120	665	460	220	40
Educational services, private	250	...	5	30	25	20	160	10	455	20	10	20	130	95	160	20
Welfare, religious, & membership organiz'ns.	465	30	10	40	25											

Table 85.—WEEKS WORKED IN 1949 BY THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 79]

Area and industry	Male, 14 years old and over								Female, 14 years old and over								
	Total	Did not work in 1949	Worked in 1949 (number of weeks)					Work in 1949 not reported	Total	Did not work in 1949	Worked in 1949 (number of weeks)					Work in 1949 not reported	
			1 to 13	14 to 26	27 to 39	40 to 49	50 to 52				1 to 13	14 to 26	27 to 39	40 to 49	50 to 52		
GRAND RAPIDS																	
Experienced civilian labor force	84,240	3,015	2,620	4,585	4,935	10,690	54,200	4,195	32,930	3,175	2,460	3,345	3,230	4,115	14,980	1,625	
Agriculture, forestry, and fisheries	4,280	450	165	205	190	180	2,710	380	175	45	10	10	5	10	75	20	
Agriculture	4,240	450	160	200	185	180	2,685	380	175	45	10	10	5	10	75	20	
Forestry and fisheries	40	...	5	5	5	...	25	...	...	...	...	...	...	...	...	...
Mining	230	15	5	15	10	35	140	10	...	...	...	...	...	...	...	...
Coal mining	5	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction	105	...	...	15	10	10	65	5	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel	120	15	5	...	...	20	75	5	...	...	...	...	...	...	...	...
Construction	6,340	150	240	525	630	1,385	3,035	375	190	40	5	10	15	15	105	...	
Manufacturing	35,830	890	980	1,935	2,070	5,210	23,235	1,510	9,900	640	690	980	855	1,585	4,275	415	
Durable goods	28,715	660	835	1,670	1,810	4,610	17,945	1,185	6,590	455	460	690	585	1,110	2,960	290	
Logging	15	...	5	...	...	5	...	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work	580	10	15	65	20	50	410	10	115	5	5	20	10	25	40	10	
Miscellaneous wood products	370	10	30	30	30	30	225	15	70	5	10	...	...	20	10	...
Furniture and fixtures	6,565	165	205	330	380	985	4,205	295	1,130	45	55	105	85	155	640	45	
Glass and glass products	100	...	...	10	...	5	85	...	15	...	...	...	...	...	5	...
Stone and clay products	540	10	15	15	30	90	370	10	...	...	...	...	...	...	5	...
Primary iron and steel industries	795	5	25	50	85	115	465	50	40	10	35	10	5	40	75	10	
Primary nonferrous industries	620	30	20	35	50	110	360	15	185	10	35	10	5	5	25	...	
Fabric'd metal ind. (incl. not spec. metal)	4,200	115	145	250	195	665	2,635	195	1,575	95	115	145	220	255	625	70	
Machinery, except electrical	7,210	130	225	460	500	1,185	4,385	325	1,320	145	110	180	120	185	570	60	
Electrical machinery, equip., and supplies	870	10	15	50	65	130	525	75	295	25	30	60	15	45	120	...	
Motor vehicles & motor vehicle equipment	5,305	125	90	260	370	1,010	3,325	125	1,195	90	75	90	100	280	515	45	
Aircraft and parts	505	20	5	25	20	90	335	10	235	...	5	20	10	40	150	10	
Ship and boat building and repairing	180	10	15	25	20	15	85	10	30	15	...	...	...	...	15	...
Railroad & misc. transportation equipment	15	...	...	...	...	5	10	...	10	5	...	...	...	...	...	...
All other durable goods	845	20	25	65	45	120	520	50	325	15	25	20	20	60	155	30	
Nondurable goods	6,945	230	140	250	245	580	5,195	305	2,885	175	190	290	260	470	1,380	120	
Meat products	210	...	...	10	5	30	65	5	65	5	...	5	5	10	35	5
Bakery products	835	35	20	30	30	85	615	20	465	50	40	45	50	65	200	15	
Other food industries	750	5	20	30	35	45	585	30	135	5	5	35	5	10	70	5	
Tobacco manufactures	30	...	...	...	...	15	15	...	45	...	5	...	10	5	25	...
Knitting mills	100	...	...	10	5	5	80	...	295	10	45	20	25	60	120	15
Yarn, thread, and fabric mills	90	...	...	5	5	...	75	5	135	...	...	20	15	50	45	5
Other textile mill products	185	10	5	...	...	15	145	5	60	5	10	10	...	20	15	...
Apparel & other fabricated textile products	120	5	...	...	15	20	80	...	315	15	15	30	55	55	120	15
Paper and allied products	970	25	25	40	30	90	720	40	340	15	25	20	40	55	170	15	
Printing, publishing, and allied industries	2,070	115	55	60	65	145	1,530	100	590	40	20	70	80	340	20	...	
Chemicals and allied products	600	20	10	25	35	25	445	40	75	15	...	...	5	15	35	5
Petroleum and coal products	115	...	...	...	...	10	95	10	50	...	...	5	5	5	35	...
Rubber products	355	10	5	20	5	35	255	25	130	5	15	15	10	10	70	5	
Footwear, except rubber	300	5	...	15	10	35	225	10	155	10	10	15	10	30	70	10	
Leather & leather products, exc. footwear	215	...	...	...	...	25	170	15	30	...	...	...	5	...	20	5
Not specified manufacturing industries	170	...	5	15	15	20	95	20	65	10	...	...	10	5	35	...
Transport, commun., & other public util	6,835	130	125	220	370	940	4,790	260	1,415	35	25	75	45	70	1,105	60	
Railroads and railway express service	2,440	25	45	50	150	350	1,715	105	120	...	5	10	...	5	100	...	
Street railways and bus lines	370	10	5	10	30	75	230	10	20	5	...	...	...	15	...	...
Trucking service and warehousing	1,875	40	30	105	120	240	1,290	90	205	5	5	20	10	15	135	15	
Water transportation	25	...	...	5	10	5	5	...	5	...	...	5	...	...	...	...
Air transportation	65	5	5	10	5	15	20	5	45	...	...	...	...	...	30	15
All other transportation	170	20	...	5	5	45	85	10	45	5	5	5	...	30	...	...
Telecommunications	695	10	20	5	...	75	580	5	780	15	5	30	20	35	655	20	
Electric and gas utilities	975	5	15	20	30	110	765	30	175	5	5	10	5	10	130	10	
Water supply, sanitary services, & other util.	220	15	5	10	20	25	140	5	20	...	...	...	5	5	10	...
Wholesale and retail trade	16,280	515	575	895	845	1,485	11,220	745	8,235	835	695	995	680	870	3,790	370	
Wholesale trade	4,595	95	120	200	220	400	3,380	180	1,045	60	60	105	90	90	590	50	
Food & dairy prod. stores, & milk retailing	2,950	70	160	185	100	220	2,135	80	1,105	135	75	100	120	115	510	50	
General merchandise & five & ten cent stores	860	25	30	15	30	75	630	55	2,025	175	250	235	120	170	970	105	
Apparel and accessories stores	600	25	15	15	40	90	735	50	735	50	50	100	65	75	340	55	
Furniture, home furnishings, & equip. stores	925	10	30	45	15	115	645	65	205	45	25	25	15	15	80	...	
Motor vehicles and accessories retailing	1,015	25	25	50	65	90	735	25	125	10	5	15	5	10	80	...	
Gasoline service stations	1,040	85	70	55	70	75	650	35	25	...	...	...	5	10	10	...
Drug stores	465	30	30	40	30	60	425	40	425	35	25	105	25	40	180	15	
Eating and drinking places	1,105	55	45	90	100	130	625	60	1,655	200	160	185	155	250	650	55	
Hardware, farm implement, & bldg. mater'l ret.	1,385	40	40	120	90	105	915	75	185	15	10	25	10	10	105	10	
All other retail trade	1,340	55	10	80	85	125	905	80	705	110	35	100	70	85	275	30	
Finance, insurance, and real estate	2,265	85	45	90	90	195	1,625	135	1,805	120	110	155	110	160	1,065	85	
Banking and other finance	600	25	15	30	30	20	455	25	665	35	45	70	40	50	405	20	
Insurance and real estate	1,665	60	30	60	60	175	1,170	110	1,140	85	65	85	70	110	660	65	
Business and repair services	2,710	95	90	115	175	335	1,750	150	430	20	25	45	10	60	250	20	
Business services	705	20	35	25	25	90	455	55	350	5	25	25	10	50	220	15	
Automobile repair services and garages	1,450	50	35	55	100	160	975	75	30	5	...	10	...	...	...	...
Miscellaneous repair services	555	25	20	35	50	85	320	20	50	10	...	10	...	10	15	5	
Personal services	1,960	130	70	150	80	250	1,170	110	4,135	730	445	455	345	350	1,650	160	
Private households	210	20	25	25	25	5	80	30	2,255	515	280	280	195	180	670	135	
Hotels and lodging places	505	35	20	40	20	80	290	20	570	90	40	35	50	35	315	5	
Laundering, cleaning, and dyeing services	565	45	5	25	15	75	375	25	830	85	90	75	65	85	420	10	
All other personal services	680	30	20	60	20	90	425	35	480	40	35	65	35	50	245	10	
Entertainment and recreation services	805	85	80	100	85	50	370	35	280	45	25	25	45	25	100	15	

DETAILED CHARACTERISTICS

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

[Based on 20-percent sample. For totals by industry from complete count, see table 79. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income														Income not reported	
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over		Median income (dol.)
THE STATE																	
Male, experienced civilian labor force	1,852,235	1,708,290	81,650	91,235	97,280	108,900	170,540	216,605	307,960	196,455	137,640	81,045	100,960	81,845	36,175	3,143	85,070
Agriculture, forestry, and fisheries	151,740	126,785	20,065	23,200	20,480	16,815	14,385	9,455	7,510	4,210	3,025	1,610	2,370	2,875	785	1,491	9,235
Agriculture	149,590	124,795	19,865	22,960	20,190	16,495	14,115	9,205	7,385	4,150	2,935	1,560	2,320	2,840	775	1,485	9,145
Forestry and fisheries	2,150	1,990	200	240	290	320	270	250	125	60	90	50	50	35	10	1,024	90
Mining	15,555	14,830	290	340	605	1,170	2,115	2,755	3,335	1,910	1,000	505	415	265	125	5	520
Coal mining	230	195	10	10	15	20	40	20	40	15	5	10	5	...	5	...	15
Crude petroleum and natural gas extraction	2,965	2,800	55	60	70	125	190	305	500	575	375	215	150	125	55	3,583	115
Mining and quarrying, except fuel	12,360	11,835	225	270	520	1,025	1,885	2,430	2,795	1,320	620	280	260	140	65	2,910	390
Construction	125,660	116,595	5,075	7,790	8,475	9,770	14,215	14,365	16,005	10,455	9,325	6,085	7,650	5,160	2,225	2,952	5,785
Manufacturing	856,955	811,010	20,720	24,080	29,735	38,820	74,065	115,110	186,960	111,390	72,565	41,750	49,365	34,945	11,505	3,275	29,985
Durable goods	722,090	685,280	13,700	20,495	25,610	33,410	63,825	100,390	164,215	94,540	59,890	34,270	39,325	26,865	8,745	3,259	24,260
Logging	6,080	5,565	955	1,460	1,080	815	595	305	160	50	50	35	20	20	20	1,170	215
Sawmills, planing mills, and mill work	9,320	8,765	595	1,000	935	1,130	1,770	1,135	930	485	245	170	126	125	125	2,204	270
Miscellaneous wood products	4,640	4,415	200	285	450	510	855	780	535	280	150	100	110	90	90	2,446	105
Furniture and fixtures	17,285	16,145	535	810	965	1,305	2,450	2,885	2,945	1,580	1,045	475	510	330	310	2,848	745
Glass and glass products	1,300	1,260	25	50	45	45	145	200	240	185	120	65	80	35	25	250	25
Stone and clay products	10,070	9,375	225	335	435	585	950	1,480	1,620	1,130	865	410	460	365	235	1,174	430
Primary iron and steel industries	45,975	43,260	920	1,355	1,740	2,845	4,770	6,260	9,990	5,655	3,905	2,155	2,190	1,535	540	3,217	1,745
Primary nonferrous industries	12,845	12,210	280	300	545	680	1,150	1,860	2,590	1,590	980	500	505	415	245	1,161	350
Fabric'd metal ind. (incl. not spec. metal)	46,580	44,035	950	1,465	1,825	2,250	4,325	6,200	9,375	5,565	4,295	2,320	2,445	1,910	1,100	3,266	1,660
Machinery, except electrical	92,580	87,710	1,655	2,355	3,065	4,145	7,420	10,920	18,020	12,960	8,105	5,265	6,210	4,890	3,905	3,397	3,430
Electrical machinery, equip., and supplies	12,460	11,790	295	405	530	615	1,170	1,680	2,305	1,390	1,070	640	670	745	275	3,260	515
Motor vehicles & motor vehicle equipment	441,540	420,895	6,485	9,965	13,075	17,975	35,445	63,760	111,110	61,585	36,380	21,060	24,670	15,455	3,430	3,286	13,665
Aircraft and parts	3,360	3,150	60	80	100	130	240	550	560	330	210	130	210	150	45	3,476	140
Ship and boat building and repairing	3,195	2,875	95	125	265	200	455	585	265	180	75	85	55	40	2,756	215	
Railroad & misc. transportation equipment	1,325	1,230	40	45	70	110	150	195	240	130	95	50	55	35	15	3,010	65
All other durable goods	13,535	12,600	385	460	485	670	1,525	1,790	2,095	1,390	1,040	740	965	710	345	3,235	685
Nondurable goods	129,045	120,435	6,810	3,345	3,820	5,050	9,630	13,975	21,790	16,290	12,220	7,270	9,775	7,890	2,970	3,404	5,375
Meat products	4,755	4,445	130	150	140	230	430	600	890	585	515	210	285	255	110	3,305	200
Bakery products	8,025	7,555	255	235	335	325	540	990	1,065	725	445	675	455	405	110	3,392	320
Other food industries	23,985	22,700	670	675	1,025	1,395	2,475	2,925	4,035	3,115	2,340	1,300	1,440	955	350	3,271	940
Tobacco manufactures	335	310	25	20	10	20	45	40	40	25	10	25	30	10	...	25	
Knitting mills	375	360	10	20	40	25	40	45	45	30	15	30	15	10	...	15	
Yarn, thread, and fabric mills	1,195	1,090	10	30	40	150	190	160	105	145	60	60	45	40	55	2,891	70
Other textile mill products	1,365	1,195	60	65	75	55	140	230	240	90	40	45	50	40	2,940	135	
Apparel & other fabricated textile products	2,105	1,895	45	80	85	165	245	235	295	150	135	160	160	110	1,191	110	
Paper and allied products	19,760	18,820	315	465	600	740	1,010	2,945	3,990	2,645	1,830	1,125	1,230	805	220	3,305	710
Printing, publishing, and allied industries	29,585	22,620	4,865	905	690	755	1,075	1,360	1,905	1,545	1,580	1,370	2,940	2,845	785	3,426	1,285
Chemicals and allied products	23,010	23,705	275	420	435	640	1,380	2,700	5,780	4,120	2,740	1,540	1,660	1,495	520	3,527	980
Petroleum and coal products	3,425	3,235	30	70	50	115	185	260	525	505	310	330	225	130	3,879	150	
Rubber products	9,770	9,380	45	80	160	200	525	815	1,785	2,020	1,555	715	820	545	115	3,767	315
Footwear, except rubber	7,770	7,075	20	50	70	90	360	585	625	100	105	50	85	55	20	2,932	115
Leather & leather products, exc. footwear	2,585	2,420	55	80	65	145	360	585	625	100	105	50	85	55	20	2,932	115
Not specified manufacturing industries	5,820	5,295	210	240	305	360	610	745	955	560	435	210	265	190	190	3,093	350
Transport, commun., & other public util.	125,750	118,365	2,525	3,335	4,355	5,165	10,895	15,175	23,260	16,705	14,335	8,590	8,005	4,640	1,380	3,381	5,215
Railroads and railway express service	31,120	29,615	405	610	735	1,125	2,070	4,310	7,225	4,860	3,360	1,890	1,770	595	60	3,343	1,130
Street railways and bus lines	13,025	10,570	95	170	285	315	570	755	2,220	1,990	2,095	1,140	700	200	35	3,320	335
Trucking service and warehousing	28,080	26,155	920	1,125	1,340	1,360	2,425	2,960	4,245	3,285	3,365	1,825	1,775	1,075	555	3,759	1,320
Water transportation	9,530	4,900	170	285	365	415	655	770	650	400	270	210	270	160	2,864	345	
Air transportation	6,815	4,460	45	55	95	55	140	190	280	155	130	110	105	65	35	2,268	125
All other transportation	1,620	1,230	270	410	640	800	1,070	975	895	360	250	140	140	100	2,465	420	
Telecommunications	6,815	6,230	270	410	640	800	1,070	975	895	360	250	140	140	100	2,465	420	
Electric and gas utilities	11,050	10,465	210	100	225	300	1,035	1,185	1,505	1,425	1,180	985	740	100	3,728	420	
Water supply, sanitary services, & other util.	7,340	6,895	190	185	230	335	860	1,455	1,925	770	440	190	195	95	25	3,050	325
Wholesale and retail trade	272,410	247,620	15,545	14,770	15,255	17,235	26,635	28,980	34,415	23,145	17,875	10,815	16,735	17,065	9,150	3,078	15,525
Wholesale trade	55,915	51,800	1,745	2,020	2,040	2,840	4,980	5,970	7,895	5,920	4,345	2,765	4,305	4,195	2,990	3,400	3,050
Food & dairy prod. stores, & milk retailing	49,310	44,290	4,245	3,505	3,090	3,140	4,865	4,825	5,890	3,870	3,275	1,860	2,665	2,335	725	2,482	2,495
General merchandise & five & ten cent stores	10,580	12,960	760	715	710	885	1,415	1,640	1,845	1,145	930	525	935	930	525	3,096	650
Apparel and accessories stores	10,545	9,440	685	655	515	625	845	900	1,000	800	710	435	895	570	2,248	775	
Furniture, home furnishings, & equip. stores	19,285	13,030	505	595	765	825	1,380	1,750	1,970	1,230	1,005	605	895	1,010	495	3,176	900
Motor vehicles and accessories retailing	20,980	19,425	620	685	820	1,030	1,730	2,065	3,030	2,170	1,805	1,045	1,605	1,605	1,215	3,456	1,130
Gasoline service stations	20,255	18,195	1,465	1,385	1,410	1,525	2,445	2,615	2,515	1,540	1,015	545	815				

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 70. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income														Income not reported		
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$10,000 and over		Median income (dol.)	
THE STATE																		
Female, experienced civilian labor force	641,935	536,315	78,335	70,505	69,245	78,730	95,010	69,930	39,210	13,895	8,050	5,085	3,925	3,090	1,305	1,818	30,825	
Agriculture, forestry, and fisheries	11,235	4,705	1,960	1,115	665	335	265	105	65	60	40	25	30	30	10	676	700	
Agriculture	11,080	4,585	1,925	1,095	645	325	255	95	60	60	40	15	30	30	10	668	680	
Forestry and fisheries	155	120	35	20	20	10	10	5	5	5	5	5	5	5	5	5	20	
Mining	260	230	10	25	45	30	55	25	25	5	5	5	5	5	5	5	15	
Coal mining	15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	
Crude petroleum and natural gas extraction	65	65	5	20	5	5	10	10	5	5	5	5	5	5	5	5	5	
Mining and quarrying, except fuel	180	160	10	5	40	25	45	10	25	5	5	5	5	5	5	5	5	
Construction	3,915	3,190	345	300	360	435	610	445	285	150	60	65	60	65	10	2,127	215	
Manufacturing	164,105	148,060	9,745	11,515	14,500	20,090	35,965	32,090	16,580	3,870	1,625	645	685	465	285	2,253	6,305	
Durable goods	119,000	107,850	6,040	7,410	9,090	12,495	26,415	26,565	14,110	3,140	1,140	455	455	335	200	2,358	4,425	
Logging	95	75	5	15	15	35	5	5	5	5	5	5	5	5	5	5	5	
Sawmills, planing mills, and mill work	630	540	90	50	55	105	155	45	20	5	5	5	5	5	5	5	5	
Miscellaneous wood products	855	720	85	105	195	140	105	35	35	10	5	5	5	5	5	5	5	
Furniture and fixtures	3,670	3,260	245	350	470	650	860	360	190	75	15	20	5	10	10	1,935	175	
Glass and glass products	305	270	5	45	35	45	90	30	5	5	5	5	5	5	5	5	15	
Stone and clay products	1,845	1,575	90	105	95	280	525	260	150	35	15	10	5	5	5	5	2,207	
Primary iron and steel industries	3,155	2,905	135	175	170	355	680	680	435	135	75	30	20	10	5	2,454	130	
Primary nonferrous industries	2,430	2,160	140	195	220	255	465	470	260	80	40	10	10	10	5	2,290	120	
Fabric'd metal ind. (incl. not spec. metal)	11,395	10,270	790	900	1,020	1,405	2,665	1,965	1,070	215	100	40	35	30	35	2,191	465	
Machinery, except electrical	16,080	14,505	910	1,115	1,335	1,695	3,775	3,150	1,730	415	145	70	75	55	35	2,291	630	
Electrical machinery, equip., and supplies	7,330	6,490	665	685	800	1,170	1,485	1,075	415	105	25	25	10	5	1,968	295		
Motor vehicles & motor vehicle equipment	63,320	58,300	2,170	2,895	3,725	5,120	14,180	17,540	9,325	1,950	680	240	245	155	75	2,530	2,005	
Aircraft and parts	690	535	35	25	35	90	100	160	70	5	5	5	5	5	5	2,413	35	
Ship and boat building and repairing	195	165	15	15	15	10	45	35	25	10	5	5	5	5	5	5	5	
Railroad & misc. transportation equipment	295	250	45	25	20	60	30	45	15	5	5	5	5	5	5	5	20	
All other durable goods	6,750	5,830	615	725	885	1,080	1,255	715	360	95	35	10	15	30	10	1,819	375	
Nondurable goods	43,185	38,605	3,520	3,995	5,260	7,390	9,220	5,220	2,265	685	445	180	220	125	80	1,942	1,760	
Meat products	1,310	1,165	100	75	110	225	325	200	90	20	15	5	5	5	5	2,112	50	
Bakery products	3,515	3,145	275	295	350	480	950	485	175	45	10	20	5	10	2,091	110		
Other food industries	7,315	6,560	745	885	840	1,520	1,315	770	280	90	35	40	5	15	20	1,766	310	
Tobacco manufactures	430	400	30	25	50	165	95	30	5	5	5	5	5	5	5	5	15	
Knitting mills	905	840	145	105	230	185	95	55	20	5	5	5	5	5	5	1,370	30	
Yarn, thread, and fabric mills	760	675	55	70	105	220	180	25	15	5	5	5	5	5	5	1,744	40	
Other textile mill products	480	445	100	60	75	80	55	35	25	10	5	5	5	5	5	5	15	
Apparel & other fabricated textile products	6,215	5,395	560	915	1,325	1,215	785	320	150	45	5	10	10	10	1,461	305		
Paper and allied products	5,830	5,305	320	435	605	1,060	1,700	750	280	80	35	15	20	5	2,068	150		
Printing, publishing, and allied industries	6,525	5,850	740	565	685	990	1,165	720	460	150	145	50	120	35	25	1,972	225	
Chemicals and allied products	5,485	4,870	235	295	395	690	1,525	1,030	370	145	80	35	25	30	15	2,269	285	
Petroleum and coal products	550	500	20	25	20	75	105	125	70	25	15	5	10	5	5	2,520	35	
Rubber products	2,445	2,210	105	125	160	250	660	565	245	50	25	15	10	5	5	2,352	80	
Footwear, except rubber	500	435	40	45	130	110	100	5	5	5	5	5	5	5	5	5	30	
Leather & leather products, exc. footwear	920	805	50	75	180	125	165	105	80	20	5	5	5	5	5	1,890	80	
Not specified manufacturing industries	1,920	1,605	185	110	150	205	330	305	205	45	40	10	10	5	5	2,231	120	
Transport, commun., & other public util.	27,770	25,480	1,260	1,555	1,775	3,470	7,060	5,175	3,370	955	400	170	150	115	25	2,331	1,110	
Railroads and railway express service	3,035	2,745	70	55	115	145	410	755	835	265	30	5	5	5	5	2,849	160	
Street, railway and bus lines	800	745	50	45	100	205	135	110	20	10	15	5	5	5	5	2,299	30	
Trucking service and warehousing	2,185	1,945	175	230	225	370	420	215	150	45	35	25	20	15	1,963	85		
Water transportation	285	275	40	60	30	35	45	35	5	5	5	5	5	5	5	5		
Air transportation	430	365	20	20	25	55	70	95	60	10	5	5	5	5	5	5	45	
All other transportation	740	645	95	70	130	85	90	55	20	10	5	5	5	5	5	5	35	
Telecommunications	15,470	14,370	610	720	985	2,015	4,610	2,965	1,620	395	235	95	90	30	5	2,310	570	
Electric and gas utilities	4,210	3,860	185	285	200	595	1,045	805	450	160	55	15	30	30	5	2,318	140	
Water supply, sanitary services, & other util.	615	530	15	10	20	70	165	115	70	40	15	10	5	5	5	2,455	40	
Wholesale and retail trade	160,195	131,755	25,105	22,075	22,010	24,330	18,845	8,950	4,470	1,825	1,060	680	905	1,010	490	1,425	7,545	
Wholesale trade	12,150	10,710	970	1,030	1,050	1,875	2,580	1,575	825	255	165	105	90	115	75	2,083	600	
Food & dairy prod. stores, & milk retailing	26,030	19,645	3,830	3,535	3,160	3,425	3,185	1,210	555	195	135	125	95	135	60	1,389	1,355	
General merchandise & five & ten cent stores	34,530	30,335	5,890	4,415	5,330	6,730	4,415	1,770	795	335	175	120	145	150	65	1,456	1,265	
Apparel and accessories stores	15,075	12,960	2,335	1,920	2,130	2,550	1,780	945	480	220	145	90	125	185	55	1,519	760	
Furniture, home furnishings, & equip. stores	4,485	3,585	565	520	500	570	685	305	135	105	45	25	60	40	30	1,682	225	
Motor vehicles and accessories retailing	3,215	2,850	260	300	330	450	555	460	240	130	65	30	45	40	35	2,158	140	
Gasoline service stations	745	440	95	70	50	85	55	25	15	5	5	5	5	5	5	5	65	
Drug stores	6,940	5,815	1,480	1,150	1,090	1,105	525	210	95	45	15	15	25	45	15	1,127	255	
Eating and drinking places	39,890	31,470	7,270	7,050	6,310	4,990	2,810	1,310	700	310	175	105	195	160	85	1,112	2,005	
Hardware, farm implement, & bldg. mater'l ret.	3,665	2,940	300	355	375	560	675	295	170	80	40	10	25	35	20	1,893	195	
All other retail trade	13,470	11,005	2,170	1,760	1,685	1,990	1,580	845	460	145	95	50	80	95	50	1,467	680	
Finance, insurance, and real estate	28,575	25,440	2,265	2,855	3,075	5,905	5,790	2,850	1,400	505	295	115	155	140	90	1,883	1,330	
Banking and other finance	10,620	9,700	790	830	995	2,280	2,555	1,295	620	155	70	25	60	25	5	1,990	425	
Insurance and real estate	17,955	15,740	1,475	2,025	2,080	3,625	3,235	1,555	780	350								

DETAILED CHARACTERISTICS

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 79. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income														Income not reported	
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over		Median income (dol.)
DETROIT																	
Male, experienced civilian labor force.....	930,920	868,110	27,315	29,500	33,210	40,370	72,160	107,180	173,305	112,365	82,830	49,235	64,725	52,720	23,195	3,359	38,910
Agriculture, forestry, and fisheries.....	9,335	7,900	1,065	1,075	970	780	895	705	710	455	285	185	275	365	135	2,034	595
Agriculture.....	9,185	7,765	1,050	1,070	960	775	875	690	685	450	280	175	265	355	135	2,016	580
Forestry and fisheries.....	150	135	15	5	10	5	20	15	25	5	5	10	10	10	...	...	15
Mining.....	1,045	930	20	15	15	55	55	80	195	110	120	115	85	35	30	3,636	85
Coal mining.....	110	95	5	5	5	10	20	10	15	15	...	5	...	...	5	...	5
Crude petroleum and natural gas extraction.....	105	95	10	5	...	...	5	5	20	...	20	20	5	5	...	...	5
Mining and quarrying, except fuel.....	830	740	5	5	10	45	30	65	160	95	100	90	80	30	25	3,763	75
Construction.....	60,175	55,950	1,855	2,745	2,925	3,525	5,305	5,955	8,235	5,795	5,620	3,635	5,190	3,490	1,675	3,344	2,635
Manufacturing.....	505,355	480,440	9,380	10,660	13,315	18,455	38,010	66,960	116,645	67,860	46,000	26,885	33,490	24,795	7,985	3,358	16,145
Durable goods.....	445,900	425,015	6,355	9,375	12,130	16,855	34,965	62,320	107,185	59,425	39,540	23,100	27,760	19,760	6,245	3,329	13,890
Logging.....	45	35	...	...	...	5	5	10	10	...	...	...	...	...	...	...	15
Sawmills, planing mills, and mill work.....	1,150	1,085	70	45	25	70	110	110	265	110	110	40	50	35	45	3,212	40
Miscellaneous wood products.....	880	825	50	30	40	65	120	105	145	90	20	35	55	40	30	3,009	40
Furniture and fixtures.....	2,310	2,110	125	120	110	95	200	290	355	185	220	90	135	95	90	3,162	105
Glass and glass products.....	805	775	20	35	10	30	75	135	160	90	80	40	55	25	20	3,258	15
Stone and clay products.....	4,010	3,815	100	110	170	210	255	405	685	550	470	215	265	225	155	3,480	150
Primary iron and steel industries.....	25,405	23,955	385	610	705	935	1,875	3,010	5,620	3,575	2,695	1,425	1,530	1,160	430	3,397	985
Primary nonferrous industries.....	6,335	6,100	95	75	200	250	615	1,000	1,540	815	525	275	305	255	150	3,265	140
Fabric'd metal ind. (incl. not spec. metal).....	26,505	25,215	435	720	775	1,000	2,015	2,960	5,620	3,360	2,845	1,625	1,755	1,390	715	3,814	855
Machinery, except electrical.....	44,510	42,500	610	635	935	1,190	2,285	3,560	7,890	6,590	5,680	3,600	4,385	3,785	1,355	3,371	1,440
Electrical machinery, equip., and supplies.....	5,735	5,450	95	160	155	170	335	590	1,115	735	635	345	430	485	200	3,271	200
Motor vehicles & motor vehicle equipment.....	319,065	304,640	4,160	6,570	8,720	12,540	26,335	49,400	82,205	42,185	25,190	14,865	18,020	11,700	2,750	3,271	9,485
Aircraft and parts.....	1,490	1,380	15	15	20	45	80	120	265	310	230	95	110	80	35	3,210	40
Ship and boat building and repairing.....	955	900	25	40	65	70	105	80	145	115	120	45	45	30	15	3,224	45
Railroad & misc. transportation equipment.....	570	525	15	15	35	35	50	45	115	65	55	25	35	20	15	3,293	30
All other durable goods.....	6,130	5,705	155	195	165	145	505	500	1,050	650	660	420	585	435	240	3,606	305
Non-durable goods.....	56,650	52,880	2,975	1,215	1,060	1,480	2,765	4,390	8,975	8,100	6,170	3,670	5,600	4,900	1,580	3,721	2,100
Meat products.....	2,525	2,390	65	45	75	120	195	230	445	375	350	150	185	120	35	3,527	65
Bakery products.....	4,255	4,065	95	80	130	110	205	435	835	650	475	260	410	325	55	3,610	120
Other food industries.....	8,830	8,395	195	170	210	330	525	700	1,395	1,450	1,170	685	810	550	205	3,732	310
Tobacco manufactures.....	220	210	10	10	...	15	35	25	30	20	5	25	...	...	10	...	10
Knitting mills.....	35	35	...	5	...	...	5	5	...	5	...	...	5	5	...	...	...
Yarn, thread, and fabric mills.....	465	445	10	15	10	35	40	65	45	85	35	25	15	25	40	...	10
Other textile mill products.....	735	640	5	35	40	40	85	135	95	60	30	25	30	30	30	2,926	75
Apparel & other fabricated textile products.....	1,185	1,060	10	40	35	70	120	140	160	85	80	35	110	95	80	3,359	60
Paper and allied products.....	2,175	2,060	25	60	50	75	140	230	455	305	245	145	155	120	55	3,495	85
Printing, publishing, and allied industries.....	14,065	12,440	2,385	465	275	280	430	555	835	785	845	700	2,040	2,290	555	4,124	615
Chemicals and allied products.....	12,265	11,710	120	200	145	260	560	1,160	2,975	2,310	1,335	800	855	655	335	3,594	395
Petroleum and coal products.....	2,160	2,035	15	45	15	60	80	140	340	330	330	220	220	175	65	3,989	95
Rubber products.....	7,135	6,860	15	25	60	65	305	460	1,575	1,230	585	700	480	95	3,892	220	
Footwear, except rubber.....	85	80	...	5	5	5	5	5	20	15	10	...	5	5	...	...	5
Leather & leather products, exc. footwear.....	515	455	25	20	10	15	35	105	80	50	30	15	35	25	10	...	35
Not specified manufacturing industries.....	2,805	2,545	50	70	125	120	280	290	485	335	290	115	130	135	160	3,389	155
Transport, commun., & other public util.....	64,315	60,955	980	1,285	1,755	2,105	4,685	6,845	11,590	8,935	8,630	5,320	4,990	2,930	905	3,569	2,285
Railroads and railway express service.....	11,920	11,445	150	220	205	355	780	1,385	2,780	2,170	1,450	955	670	285	40	3,473	315
Street railways and bus lines.....	8,290	7,970	50	30	125	130	270	405	1,475	1,675	1,920	1,025	680	155	30	3,948	235
Trucking service and warehousing.....	13,980	13,115	335	390	505	510	1,040	1,380	2,335	1,765	1,995	1,020	965	575	300	3,517	605
Water transportation.....	2,235	2,010	45	135	155	195	250	255	235	145	115	85	130	120	145	2,941	80
Air transportation.....	785	730	...	30	25	15	95	100	140	80	70	60	60	30	25	3,357	40
All other transportation.....	4,320	3,960	105	210	325	455	765	710	615	245	195	70	85	115	65	2,585	270
Telecommunications.....	5,915	5,605	75	20	80	520	620	740	615	780	790	635	555	85	4,027	205	
Electric and gas utilities.....	12,130	11,645	145	170	225	210	540	1,050	1,675	1,765	1,150	1,580	1,010	200	3,965	340	
Water supply, sanitary services, & other util.....	4,740	4,475	75	80	100	155	425	940	1,345	565	340	165	185	85	15	3,172	195
Wholesale and retail trade.....	137,335	124,930	7,105	6,495	6,875	7,255	11,140	12,640	17,505	12,745	10,675	6,170	10,200	10,455	5,670	3,171	7,305
Wholesale trade.....	28,355	26,420	720	815	900	1,040	2,000	2,540	3,860	3,260	2,515	1,530	2,675	2,675	1,890	3,705	1,380
Food & dairy prod. stores, & milk retailing.....	24,925	22,180	2,225	1,550	1,345	1,335	1,930	2,060	3,025	2,070	1,935	1,105	1,620	1,565	415	3,107	1,215
General merchandise & five & ten cent stores.....	8,210	7,610	315	365	395	465	700	855	1,170	750	670	340	645	610	330	3,103	350
Apparel and accessories stores.....	6,055	5,475	345	380	280	365	445	490	575	470	480	275	215	535	320	3,376	480
Furniture, home furnishings, & equip. stores.....	7,075	6,470	240	260	380	305	530	705	945	630	645	350	560	625	295	3,431	420
Motor vehicles and accessories retailing.....	10,870	10,125	320	240	370	435	765	900	1,360	1,205	1,105	590	1,025	1,070	740	3,779	525
Gasoline service stations.....	8,465	7,545	490	515	465	470	830	1,080	1,260	745	545	265	395	385	100	2,964	545
Drug stores.....	3,475	3,110	415	210	195	180	230	215	220	195	165	185	315	445	140	3,250	150
Eating and drinking places.....	18,155	16,325	980	1,175	1,475	1,635	1,965	1,740	2,015	1,405	960	545	860	1,085	485	2,768	1,065
Hardware, farm implement, & bldg. mater'l ret.	9,140	8,335	245	345	465	340	670	1,000	1,405	930	775	465	645	575	455	3,329	530
All other retail trade.....	12,610	11,335	810	640	605	685	1,075	1,055	1,670	1,065	880	520	945	885	50		

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

(Based on 20-percent sample. For totals by industry from complete count, see table 79. Median not shown where base is less than 500)

Area, industry, and sex	Total (includes persons without income)	Persons with income													Income not re-reported			
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999		\$10,000 and over	Median income (dol.)	
DETROIT																		
Female, experienced civilian labor force	330,455	282,690	32,035	32,465	33,030	39,375	52,645	43,620	26,090	8,965	5,090	3,865	2,645	1,980	885	2,042	14,555	
Agriculture, forestry, and fisheries	955	370	95	85	45	60	25	...	5	15	10	5	10	10	5	...	160	
Agriculture	925	355	95	80	45	55	25	...	5	15	10	...	10	10	5	...	150	
Forestry and fisheries	30	15	...	5	...	5	...	...	...	...	...	5	...	...	...	...	10
Mining	70	50	...	5	15	...	5	10	...	...	...	...	...	5	...	...	10
Coal mining	15	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	10
Crude petroleum and natural gas extraction	10	10	...	5	...	...	...	...	...	...	...	...	...	5	...	...	...
Mining and quarrying, except fuel	45	35	...	...	15	...	5	10	...	...	...	...	...	...	...	...	...
Construction	2,000	1,680	125	150	170	165	335	245	210	100	50	35	40	50	5	2,343	90	
Manufacturing	89,245	80,980	4,045	4,820	6,105	8,585	19,730	20,900	11,575	2,650	1,135	455	445	325	210	2,429	3,480	
Durable goods	70,230	63,950	2,780	3,515	4,305	5,880	15,400	17,815	10,140	2,230	825	335	325	235	165	2,503	2,715	
Logging	20	20	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work	125	100	20	5	15	10	30	5	10	...	...	5	...	...	...	...	...
Miscellaneous wood products	170	115	10	10	30	5	15	25	5	10	...	...	...	5	...	...	5
Furniture and fixtures	575	520	15	90	75	110	75	65	35	25	5	5	...	10	10	1,864	20	
Glass and glass products	230	205	...	35	20	35	75	25	...	...	...	...	...	5	...	...	10
Stone and clay products	1,195	1,055	45	90	55	160	340	210	100	25	15	5	...	5	...	2,261	60	
Primary iron and steel industries	1,995	1,845	90	95	90	195	445	330	95	60	25	15	10	5	...	2,510	55	
Primary nonferrous industries	1,265	1,105	60	95	95	125	205	255	155	35	5	10	10	...	...	2,433	60
Fabric metal ind. (incl. not spec. metal)	5,955	5,455	370	365	470	575	1,440	1,205	690	165	70	20	20	30	35	2,329	190	
Machinery, except electrical	8,240	7,580	405	500	530	685	1,805	1,930	1,195	265	105	60	50	25	25	2,463	265	
Electrical machinery, equip., and supplies	2,440	2,260	130	110	150	230	520	715	285	60	10	20	25	...	...	2,490	80
Motor vehicles & motor vehicle equipment	44,435	40,665	1,285	1,760	2,405	3,350	9,835	12,485	7,050	1,450	505	190	185	105	60	2,568	1,765	
Aircraft and parts	215	135	15	5	10	5	35	40	15	...	...	...	...	5	...	...	20
Ship and boat building and repairing	60	60	...	...	...	...	5	25	20	5	...	...	...	...	...	...	...
Railroad & misc. transportation equipment	150	130	25	15	10	20	20	35	...	...	...	...	...	5	...	...	10
All other durable goods	3,160	2,700	310	340	345	365	555	405	245	70	15	5	10	25	10	1,986	175	
Nondurable goods	18,055	16,205	1,180	1,265	1,745	2,635	4,185	2,895	1,285	400	270	110	75	10	85	40	2,153	695
Meat products	820	725	70	35	45	105	205	160	75	15	10	...	...	5	...	2,262	35
Bakery products	2,065	1,900	135	115	165	170	665	390	170	30	30	5	10	5	10	2,274	55	
Other food industries	2,375	2,140	180	260	240	515	440	290	115	50	10	15	...	15	10	1,879	90	
Tobacco manufactures	360	345	25	15	50	135	90	20	5	...	...	...	...	...	...	...	5
Knitting mills	45	45	10	...	10	10	5	5	5	...	...	...	...	...	...	...	...
Yarn, thread, and fabric mills	170	135	20	10	15	40	40	...	...	...	5	...	...	...	...	...	5
Other textile mill products	255	230	25	5	50	55	40	30	20	5	...	...	...	...	...	...	10
Apparel & other fabricated textile products	1,980	1,675	110	210	325	380	340	165	90	15	30	...	5	5	...	1,753	115	
Paper and allied products	980	885	50	70	160	175	255	120	35	15	5	...	...	...	...	1,964	15
Printing, publishing, and allied industries	3,445	3,130	325	250	375	480	570	330	105	105	40	85	25	10	2,118	95		
Chemicals and allied products	3,330	3,000	160	165	200	400	990	730	160	90	45	25	...	25	10	2,290	140	
Petroleum and coal products	340	300	10	20	10	35	55	80	50	25	5	5	...	5	...	...	30
Rubber products	1,470	1,340	45	60	45	100	415	425	170	30	25	15	10	...	...	2,505	50
Footwear, except rubber	15	10	...	...	...	...	5	...	...	5	...	...	...	...	...	...	5
Leather & leather products, exc. footwear	405	345	15	50	55	30	75	50	55	15	...	...	...	...	...	...	45
Not specified manufacturing industries	960	825	85	40	55	70	145	190	150	40	10	10	5	5	...	2,546	70	
Transport, commun., & other public util.	15,780	14,550	500	665	755	1,300	3,965	3,590	2,470	745	250	120	110	75	5	2,513	610	
Railroads and railway express service	2,355	2,185	40	60	80	110	295	620	705	245	20	5	...	5	...	2,909	95	
Street railways and bus lines	570	530	30	20	40	65	135	115	95	15	5	10	...	...	...	2,407	20
Trucking service and warehousing	1,240	1,120	80	125	135	165	265	150	100	35	30	15	5	15	...	2,104	30	
Water transportation	160	155	15	30	5	20	35	35	10	...	...	...	5	...	...	...	5
Air transportation	240	215	15	5	10	25	30	75	50	...	5	...	...	...	...	...	15
All other transportation	410	355	40	35	80	50	45	35	50	10	5	...	...	5	...	...	30
Telecommunications	8,115	7,540	185	235	295	600	2,515	1,960	1,135	310	135	70	75	25	...	2,488	310	
Electric and gas utilities	2,310	2,125	85	150	100	245	545	520	280	100	35	10	25	5	...	2,443	75	
Water supply, sanitary services, & other util.	380	325	10	5	10	20	100	80	45	30	15	10	...	...	...	...	30
Wholesale and retail trade	86,180	72,500	11,435	10,680	10,860	13,975	12,360	6,160	3,120	1,250	675	440	595	630	360	1,617	3,560	
Wholesale trade	7,375	6,660	465	520	605	1,055	1,755	1,095	595	165	125	80	80	70	50	2,195	265	
Food & dairy prod. stores, & milk retailing	13,545	10,495	1,740	1,625	1,520	1,905	1,950	865	420	140	80	50	65	90	45	1,595	700	
General merchandise & five & ten cent stores	20,825	18,570	3,125	2,545	2,610	4,305	3,305	1,295	590	270	145	90	105	130	55	1,617	610	
Apparel and accessories stores	8,030	6,930	1,115	910	930	1,330	1,195	635	315	145	85	75	55	95	45	1,692	385	
Furniture, home furnishings, & equip. stores	2,450	1,965	250	240	250	340	370	225	80	70	15	25	25	15	20	1,835	100	
Motor vehicles and accessories retailing	1,840	1,635	90	100	165	220	325	315	175	105	40	20	35	20	25	2,373	100	
Gasoline service stations	235	195	30	35	25	35	25	10	5	5	5	...	15	5	...	...	10
Drug stores	3,705	3,135	670	575	640	645	305	125	80	25	10	5	25	25	5	1,252	125	
Eating and drinking places	19,910	16,060	2,960	3,320	3,180	2,820	1,800	850	510	200	105	65	80	105	65	1,275	875	
Hardware, farm implement, & bldg. mater'l ret.	1,330	1,100	75	90	120	180	320	165	60	45	15	...	5	15	10	1,133	70	
All other retail trade	6,935	5,755	915	720	800	1,140	1,010	580	290	80	40	60	40	60	40	1,694	320	
Finance, insurance, and real estate	18,155	16,260	1,425	1,750	1,790	3,450	3,985	2,040	995	310	200	70	115	75	55	1,959	685	
Banking and other finance	6,330	5,795	440	430	520	1,115	1,680	935	480	85	40	10	40	15	...	2,117	210	
Insurance and real estate	11,825	10,465	985	1,320	1,270	2,335	2,305	1,105	515	225	160	60	70	60	55	1,855	475	
Business and repair services	5,765	5,095	425	535	555	745	1,140	725	485	165	85	70	50	90	25	2,126	230	
Business services	4,840	4,365	345	415	490	665	975	630	440	135	75	65	45	65	20	2,137	210	
Automobile repair services and garages	450	350	40	45	25	35	85	55	25	15	5	...	5	15	...	...	15
Miscellaneous repair services	475	380	40	75	40	45	80	40	20	15	5	5	...	10	5	...	5	
Personal services	40,925	32,800																

DETAILED CHARACTERISTICS

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 79. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income															Income not reported
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over	Median income (dol.)	
FLINT																	
Male, experienced civilian labor force.	83,640	77,980	3,300	2,700	2,965	3,430	5,150	7,565	10,490	12,365	7,770	4,615	5,080	3,325	1,225	3,375	3,210
Agriculture, forestry, and fisheries.....	2,445	1,940	325	275	270	205	210	185	85	115	95	20	45	85	25	1,744	210
Agriculture.....	2,440	1,935	325	275	270	205	210	185	85	115	90	20	45	85	25	1,738	210
Forestry and fisheries.....	5	5	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...
Mining.....	90	85	...	10	10	15	5	5	15	...	10	...	10	...	5	...	...
Coal mining.....	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction.....	20	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel.....	65	65	...	10	10	10	5	5	10	...	10	...	5	...	...	...	...
Construction.....	3,795	3,570	225	215	225	290	380	430	575	440	290	160	190	105	45	3,017	150
Manufacturing.....	52,555	50,040	1,195	1,075	1,365	1,580	2,650	4,405	13,970	9,285	5,595	3,315	3,470	1,780	355	3,456	1,575
Durable goods.....	49,980	47,795	870	970	1,290	1,475	2,490	4,220	13,630	8,970	5,440	3,185	3,275	1,670	310	3,462	1,410
Logging.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work.....	95	95	5	10	...	10	15	15	20	5	5	...	5	...	5	...	...
Miscellaneous wood products.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Furniture and fixtures.....	95	95	...	5	10	10	15	10	5	15	5	10	10	...	...	...	...
Glass and glass products.....	70	65	...	...	...	...	...	...	20	20	10	...	5	...	5	...	5
Stone and clay products.....	125	125	5	5	10	10	5	5	10	15	5	...	...	...	...	...	...
Primary iron and steel industries.....	290	280	10	15	15	10	35	40	70	40	20	...	5	20	...	...	...
Primary nonferrous industries.....	20	15	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
Fabric'd metal ind. (incl. not spec. metal).....	270	235	15	10	15	10	15	30	45	40	20	...	10	5	20	...	20
Machinery, except electrical.....	530	500	30	30	20	35	20	70	35	65	50	25	70	20	30	3,577	25
Electrical machinery, equip., and supplies.....	65	65	5	...	...	...	...	...	5	25	...	10	...	...	...	...	...
Motor vehicles & motor vehicle equipment.....	48,120	46,030	770	890	1,205	1,375	2,365	4,015	13,295	8,730	5,295	3,125	3,140	1,985	240	3,466	1,350
Aircraft and parts.....	20	20	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...
Ship and boat building and repairing.....	25	15	...	...	...	...	...	...	5	5	...	...	...	...	...	...	5
Railroad & misc. transportation equipment.....	60	60	...	...	...	...	...	...	5	5	...	10	...	10	...	...	...
All other durable goods.....	185	185	25	5	5	5	5	20	25	25	10	10	20	10	...	...	...
Nondurable goods.....	2,490	2,160	315	109	75	95	160	180	325	305	150	120	185	105	45	3,238	165
Meat products.....	125	100	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
Bakery products.....	285	270	5	5	15	10	50	20	65	5	30	15	10	...	...	...	...
Other food industries.....	365	340	10	30	10	30	30	45	55	45	40	5	20	15	5	...	15
Tobacco manufactures.....	25	25	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
Knitting mills.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yarn, thread, and fabric mills.....	40	40	...	...	...	...	...	...	10	5	5	...	...	...	...	...	15
Other textile mill products.....	165	155	10	5	10	5	15	40	45	15	5	...	5	...	...	...	10
Apparel & other fabricated textile products.....	20	20	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
Paper and allied products.....	35	30	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
Printing, publishing, and allied industries.....	970	745	280	90	15	40	35	20	30	40	35	40	85	50	25	1,844	95
Chemicals and allied products.....	420	415	5	5	...	...	...	...	10	35	120	105	45	40	20	5	...
Petroleum and coal products.....	15	15	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...
Rubber products.....	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Footwear, except rubber.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leather & leather products, exc. footwear.....	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Not specified manufacturing industries.....	85	85	10	5	...	10	...	...	5	15	10	5	10	5	...	...	...
Transport, commun., & other public util.....	3,285	3,285	60	65	105	50	270	370	825	510	420	275	180	100	55	3,438	135
Railroads and railway express service.....	525	495	...	10	5	5	20	65	160	110	60	20	25	15	...	...	30
Street railways and bus lines.....	240	235	...	5	5	...	25	10	115	30	20	...	...	...	...	...	...
Trucking service and warehousing.....	1,235	1,155	15	25	55	30	70	95	180	155	165	180	105	45	35	3,847	60
Water transportation.....	20	15	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
Air transportation.....	25	25	...	...	...	...	...	...	20	5	...	...	...	...	...	...	...
All other transportation.....	290	270	...	...	...	...	...	...	45	15	10	...	15	10	10	...	20
Telecommunications.....	445	425	10	...	...	...	...	...	40	20	95	60	110	40	30	10	15
Electric and gas utilities.....	500	490	10	10	5	...	...	...	50	90	170	90	35	15	...	...	10
Water supply, sanitary services, & other util.....	175	175	10	...	...	...	...	...	20	45	50	20	...	5	...	...	...
Wholesale and retail trade.....	11,355	10,305	795	585	410	720	950	1,215	1,595	1,035	675	495	690	760	380	3,150	555
Wholesale trade.....	1,910	1,420	75	90	55	75	125	180	265	280	165	140	155	130	85	3,580	65
Food & dairy prod. stores, & milk retailing.....	2,095	1,900	175	130	75	130	185	195	285	180	160	65	145	140	35	3,105	90
General merchandise & five & ten cent stores.....	435	390	50	20	25	45	45	55	25	20	10	15	30	30	...	...	10
Apparel and accessories stores.....	495	455	35	25	10	25	10	55	40	25	20	65	45	45	...	...	25
Furniture, home furnishings, & equip. stores.....	660	570	25	50	30	60	30	110	75	40	20	45	35	25	25	2,909	50
Motor vehicles and accessories retailing.....	1,100	1,035	50	30	40	60	75	80	220	95	120	55	65	95	50	3,415	45
Gasoline service stations.....	1,060	930	120	40	45	95	95	180	130	85	30	20	35	55	...	2,694	40
Drug stores.....	305	285	30	15	10	15	5	35	20	5	30	40	20	35	25	...	10
Eating and drinking places.....	995	900	70	60	60	105	80	110	125	65	35	20	65	70	35	2,841	50
Hardware, farm implem't, & bldg. mater'l ret. All other retail trade.....	1,115	1,075	30	35	20	70	180	130	225	110	40	50	60	90	35	3,161	70
Finance, insurance, and real estate.....	1,270	1,180	30	45	65	95	90	80	185	100	115	60	100	100	115	3,500	65
Banking and other finance.....	350	320	5	5	25	20	20	25	55	15	15	25	35	30	45	...	20
Insurance and real estate.....	920	860	25	40	40	75	70	55	130	85	100	35	65	70	70	3,481	45
Business and repair services.....	1,480	1,365	45	50	105	90	105	210	250	140	155	55	85	50	25	3,155	75
Business services.....	295	295	...	5	15	30	10	45	25	40	30	20	30	25	20	...	...
Automobile repair services and garages.....	905	815	30	30	65	35	75	120	165	85	110	35	45	20	...	3,059	55
Miscellaneous repair services.....	280	255	15	15	25	25	20	45	60	15	15	...	10	5	...	...	20
Personal services.....	1,170	1,050	100	75	95	100	110	160	160	75	35	15	60	55	10	2,641	60
Private households.....	90	75	30	10	10	10	...	5	5	...	...	5	...	...	...	...	10
Hotels and lodging places.....	220	195	25	15	20	30	20	30	10	...	10	...	...	30	5	...	5
Laundering, cleaning, and dyeing services.....	405	370	10	10	50	25	45	45	75	30	10	10	35	20	5	...	15
All other personal services.....	455	410	35	40	15	35	45	80	70	45	15	...	25	5	...	...	30
Entertainment and recreation services.....	690	585	120	50	20	35	45	30	65	65	30	30	30	60	5	2,875	25
Professional and related services.....	2,115	2,030	90	65	130												

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 79. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income														Income not reported	
		Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over		Median income (dol.)
FLINT																	
Female, experienced civilian labor force	27,130	21,250	3,240	2,720	2,690	2,640	3,480	3,685	1,420	575	350	140	160	100	50	1,874	1,975
Agriculture, forestry, and fisheries	100	20	5	15	...	...	...	...	...	...	...	...	...	...	...	...	10
Agriculture	100	20	5	15	...	...	...	...	...	...	...	...	...	...	...	...	10
Forestry and fisheries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mining	10	5	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Coal mining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel	10	5	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Construction	140	115	25	10	25	15	5	25	5	5	...	...	...	...	...	...	10
Manufacturing	8,005	7,315	310	595	570	570	1,735	2,440	765	180	90	15	20	15	10	2,465	295
Durable goods	7,465	6,830	245	545	530	520	1,615	2,365	720	165	80	15	10	15	5	2,488	275
Logging	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work	10	5	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous wood products	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Furniture and fixtures	30	15	...	...	...	5	10	...	...	...	...	...	...	...	...	...	...
Glass and glass products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stone and clay products	5	5	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...
Primary iron and steel industries	15	15	5	...	...	...	...	5	...	...	5	...	...	...	...	...	...
Primary nonferrous industries	20	20	...	...	5	...	...	10	...	5	...	...	...	...	...	...	...
Fabric'd metal ind. (incl. not spec. metal)	65	60	5	5	...	10	5	10	25	...	...	...	...	...	...	...	...
Machinery, except electrical	155	130	10	10	10	20	25	30	15	5	5	...	...	...	...	...	15
Electrical machinery, equip., and supplies	55	55	...	...	30	10	5	10	...	...	...	...	...	...	...	...	...
Motor vehicles & motor vehicle equipment	7,040	6,455	210	515	465	460	1,570	2,305	665	155	65	15	10	15	5	2,502	260
Aircraft and parts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ship and boat building and repairing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Railroad & misc. transportation equipment	5	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
All other durable goods	55	55	5	10	20	10	...	5	5	...	...	...	...	...	...	...	...
Nondurable goods	515	460	65	50	40	50	115	60	40	15	10	...	10	...	5	...	20
Meat products	25	20	...	5	...	...	10	5	...	...	...	...	...	...	...	...	5
Bakery products	90	80	10	5	10	10	20	15	...	...	5	...	5	...	...	...	5
Other food industries	25	20	5	...	...	...	10	5	...	...	...	...	...	...	...	...	...
Tobacco manufactures	5	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Knitting mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yarn, thread, and fabric mills	10	10	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...
Other textile mill products	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Apparel & other fabricated textile products	50	50	15	15	5	...	5	10	...	...	...	...	...	...	...	...	...
Paper and allied products	20	20	5	...	...	5	5	5	...	...	...	...	...	...	...	...	...
Printing, publishing, and allied industries	235	205	25	20	20	30	55	10	30	10	5	...	...	...	...	...	5
Chemicals and allied products	45	40	...	5	5	...	...	5	10	5	...	...	5	...	5	...	5
Petroleum and coal products	5	5	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Rubber products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Footwear, except rubber	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leather & leather products, exc. footwear	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Not specified manufacturing industries	25	25	...	...	...	...	...	15	5	...	...	...	...	...	...	...	...
Transport, commun., & other public util.	730	650	70	40	35	100	165	120	65	15	15	15	5	5	...	2,242	30
Railroads and railway express service	20	20	5	...	...	...	5	...	5	...	...	...	...	...	...	...	...
Street railways and bus lines	25	25	...	15	...	...	5	...	5	...	...	...	...	...	...	...	...
Trucking service and warehousing	85	70	10	...	...	30	...	15	...	...	5	...	5	5	...	...	10
Water transportation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Air transportation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other transportation	55	50	15	5	15	...	10	...	...	...	...	...	5	...	...	...	...
Telecommunications	385	345	25	10	15	55	120	75	25	...	10	10	...	...	...	...	15
Electric and gas utilities	140	125	15	10	5	10	25	30	25	5	...	...	...	...	...	...	5
Water supply, sanitary services, & other util.	20	15	...	...	...	5	...	...	5	...	...	...	...	...	...	...	...
Wholesale and retail trade	6,560	4,965	1,175	870	910	885	545	250	100	70	40	30	40	35	15	1,240	490
Wholesale trade	275	210	15	15	15	45	45	25	10	5	15	5	...	...	...	10	5
Food & dairy prod. stores, & milk retailing	985	695	135	125	135	105	100	45	10	15	10	5	...	5	...	1,324	50
General merchandise & five & ten cent stores	1,205	980	245	100	220	215	105	40	30	5	...	5	5	5	5	1,330	120
Apparel and accessories stores	805	645	165	105	140	105	40	25	20	10	5	5	15	10	...	1,188	80
Furniture, home furnishings, & equip. stores	260	210	45	40	15	30	45	10	5	10	...	...	5	5	...	...	15
Motor vehicles and accessories retailing	115	115	...	10	10	25	20	25	10	10	...	5	...	...	...	...	...
Gasoline service stations	25	15	...	...	...	5	5	5	...	...	...	...	...	...	...	...	5
Drug stores	255	200	65	50	30	30	25	...	...	...	...	...	...	...	...	...	10
Eating and drinking places	1,910	1,350	370	340	255	215	95	35	10	10	...	5	10	...	5	949	115
Hardware, farm implem't, & bldg. mater'l ret.	165	120	30	15	5	25	25	15	...	...	5	...	...	...	...	...	5
All other retail trade	560	425	105	70	85	85	40	25	5	5	...	5	...	...	...	...	40
Finance, insurance, and real estate	945	770	55	110	110	200	145	65	30	20	10	5	5	5	10	1,775	90
Banking and other finance	465	385	20	70	30	100	100	40	5	5	...	5	5	5	...	...	35
Insurance and real estate	480	385	35	40	80	100	45	25	15	10	...	...	...	...	10	...	55
Business and repair services	225	185	30	20	15	25	30	30	10	...	...	20	...	5	...	...	5
Business services	180	145	20	15	10	25	25	15	10	...	...	20	...	5	...	...	5
Automobile repair services and garages	15	15	...	...	...	...	5	10	...	...	...	...	...	...	...	...	...
Miscellaneous repair services	30	25	10	5	5	...	...	5	...	...	...	...	...	...	...	...	...
Personal services	3,200	2,235	740	520	390	290	115	60	25	20	20	...	45	5	5	863	255
Private households	1,960	1,225	605	345	125	75	35	25	5	5	...	...	5	5	...	511	215
Hotels and lodging places	295	240	15	45	65	65	20	10	5	5	...	...	10	...	...	...	5
Laundering, cleaning, and dyeing services	510	405	75	45	110	100	25	20	...	15	5	...	5	...	5	...	15
All other personal services	435	365	45	85	90	50	35	5	20	5	...	...	25	...	...	...	20
Entertainment and recreation services	265	215	90	45	30	15	10	...	20	5	...	...	...	...	...	...	10
Professional and related services	4,345	3,760	430	350	490	460	575	565	350	250	160	55	40	25	10	2,130	240
Medical and other health services	1,760	1,485	200	185	260	260	310	90	95	60	5	5	5	5	5	1,688	85
Educational services, government	1,705	1,550	105	80	155	95	155	375	190	145	150	50	30	15	5	2,747	75
Educational services, private	455	390	70	60	20	30	60	70	50	15	5	...	5	...	...	...	45
Welfare, religious, & membership organiz'ns	3																

DETAILED CHARACTERISTICS

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 70. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income														Income not reported	
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over		Median income (dol.)
GRAND RAPIDS																	
Male, experienced civilian labor force.....	84,240	76,200	3,905	3,880	3,950	4,655	7,480	10,185	13,680	8,855	6,475	3,465	4,350	3,410	1,910	3,148	5,825
Agriculture, forestry, and fisheries.....	4,280	3,560	530	545	475	495	460	365	275	105	50	60	105	80	15	1,732	380
Agriculture.....	4,240	3,520	525	540	475	495	455	350	270	105	50	55	105	80	15	1,722	380
Forestry and fisheries.....	40	40	5	5	...	...	5	15	5	...	...	5	...	...	...	...	...
Mining.....	230	215	15	...	...	5	20	20	40	35	20	10	20	25	5	...	10
Coal mining.....	5	5	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction.....	105	100	10	...	...	5	5	10	5	15	10	5	15	15	5	...	5
Mining and quarrying, except fuel.....	120	110	5	...	...	...	10	10	35	20	10	5	10	...	...	...	5
Construction.....	6,340	5,730	200	340	335	450	645	765	1,035	625	475	285	270	230	75	3,063	485
Manufacturing.....	35,830	33,165	1,055	1,260	1,450	1,635	3,305	5,065	6,800	4,280	3,090	1,510	1,885	1,165	565	3,207	2,025
Durable goods.....	28,715	26,775	645	1,085	1,175	1,320	2,825	4,250	5,650	3,615	2,425	1,145	1,390	855	395	3,185	1,450
Logging.....	15	10	...	...	...	5	...	...	5	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work.....	580	545	15	30	25	30	70	95	100	85	25	...	...	10	35	3,038	30
Miscellaneous wood products.....	370	345	25	30	35	30	35	60	30	40	20	5	20	5	10	...	15
Furniture and fixtures.....	6,565	6,040	130	270	260	325	780	1,030	1,300	760	540	220	200	125	100	3,087	400
Glass and glass products.....	100	95	...	10	5	5	20	30	5	5	10	...	...	5	...	...	5
Stone and clay products.....	540	500	10	15	10	40	40	70	125	70	45	...	35	25	...	3,241	35
Primary iron and steel industries.....	795	735	10	45	55	55	125	140	140	60	60	20	15	10	...	2,777	55
Primary nonferrous industries.....	620	570	25	35	15	25	100	75	80	80	30	30	20	20	35	3,063	25
Fabric'd metal ind. (incl. not spec. metal).....	4,200	3,960	155	130	175	180	320	615	820	550	400	160	205	160	90	3,247	155
Machinery, except electrical.....	7,210	6,730	135	280	285	375	740	1,260	1,640	840	485	215	245	145	85	3,088	375
Electrical machinery, equip., and supplies.....	870	800	20	30	25	40	110	80	175	105	55	60	45	35	20	3,271	60
Motor vehicles & motor vehicle equipment.....	5,305	5,035	80	145	190	140	345	550	990	845	640	350	495	250	15	3,546	195
Aircraft and parts.....	505	490	10	5	30	15	35	60	65	90	70	30	50	30	...	...	5
Ship and boat building and repairing.....	180	140	25	15	15	5	5	25	15	10	5	5	10	5	...	...	25
Railroad & misc. transportation equipment.....	15	15	...	...	...	...	...	5	...	5	...	...	5	...	...	...	...
All other durable goods.....	845	765	5	45	50	50	100	155	150	70	40	20	45	30	5	2,927	70
Non-durable goods.....	6,945	6,245	410	170	265	300	460	790	1,140	755	650	355	480	310	160	3,319	560
Meat products.....	210	180	...	...	15	15	20	20	30	30	25	...	15	5	...	...	30
Bakery products.....	835	775	30	15	60	20	50	130	155	95	90	50	40	25	15	3,266	45
Other food industries.....	750	675	20	5	35	50	45	100	150	100	85	25	35	25	...	3,275	70
Tobacco manufactures.....	30	15	...	...	...	...	...	5	...	...	...	...	5	...	...	...	15
Knitting mills.....	100	95	...	...	10	5	10	10	5	10	15	5	...	15	10	...	5
Yarn, thread, and fabric mills.....	90	75	...	...	...	10	10	5	5	10	5	10	...	10	...	...	15
Other textile mill products.....	185	160	5	5	...	...	10	20	60	5	20	10	10	5	...	...	15
Apparel & other fabricated textile products.....	120	110	...	...	...	15	10	...	20	10	...	...	10	10	...	...	5
Paper and allied products.....	970	905	30	35	40	25	110	160	150	95	85	35	45	65	30	3,175	60
Printing, publishing, and allied industries.....	2,070	1,800	285	65	65	75	75	155	195	190	165	165	215	100	50	3,462	175
Chemicals and allied products.....	600	540	15	20	20	25	30	55	150	70	30	25	50	35	15	3,350	55
Petroleum and coal products.....	115	110	10	...	...	10	5	20	10	30	10	10	...	5	...	...	5
Rubber products.....	355	330	10	...	5	25	30	15	90	70	35	10	20	15	5	...	25
Footwear, except rubber.....	300	280	5	15	15	20	25	55	70	35	20	10	5	...	...	...	20
Leather & leather products, exc. footwear.....	215	195	...	...	10	25	55	40	25	20	5	10	...	...	...	...	20
Not specified manufacturing industries.....	170	145	...	...	10	15	20	25	10	10	15	10	15	...	10	...	25
Transport, commun., & other public util.....	6,835	6,325	175	160	215	240	545	780	1,345	975	740	475	370	245	60	3,389	425
Railroads and railway express service.....	2,440	2,305	30	60	40	65	130	310	615	380	250	175	160	80	10	3,421	120
Street railways and bus lines.....	370	340	10	10	15	15	10	40	100	80	35	20	...	5	...	...	20
Trucking services and warehousing.....	1,875	1,685	55	60	65	45	230	180	290	220	205	150	95	60	30	3,358	155
Water transportation.....	25	25	...	...	5	5	...	...	...	...	...	...	5	10	...	...	...
Air transportation.....	65	55	...	...	5	...	...	...	5	5	10	...	...	...	...	...	10
All other transportation.....	170	160	10	10	30	35	20	...	35	5	...	10	...	...	5	...	5
Telecommunications.....	695	645	20	...	10	30	55	55	75	90	105	65	70	70	...	3,931	45
Electric and gas utilities.....	975	910	20	10	20	70	145	200	170	130	50	40	20	15	3,425	60	
Water supply, sanitary services, & other util.....	220	200	10	5	25	25	30	45	25	25	5	5	...	...	...	...	10
Wholesale and retail trade.....	16,280	14,500	1,010	880	655	975	1,370	1,770	2,155	1,460	1,130	595	945	950	605	3,137	1,350
Wholesale trade.....	4,595	4,145	165	200	160	210	360	440	690	485	340	230	295	360	210	3,389	390
Food & dairy prod. stores, & milk retailing.....	2,950	2,675	240	205	145	170	240	335	435	275	225	95	165	100	45	3,003	215
General merchandises & five & ten cent stores.....	860	745	50	20	15	50	115	115	110	80	55	20	30	45	40	3,034	80
Apparel and accessories stores.....	600	530	35	40	40	50	40	45	35	50	25	15	40	65	50	3,214	60
Furniture, home furnishings, & equip. stores.....	925	815	30	40	30	80	95	135	120	75	55	30	50	55	20	2,991	95
Motor vehicles and accessories retailing.....	1,015	935	40	30	30	30	55	120	185	125	95	35	80	60	50	3,439	60
Gasoline service stations.....	1,040	900	110	75	35	90	100	135	105	70	65	30	30	50	5	2,648	65
Drug stores.....	465	380	65	40	25	15	15	40	30	35	10	...	40	30	35	...	50
Eating and drinking places.....	1,105	970	125	80	75	90	100	110	80	55	80	35	60	45	35	2,568	85
Hardware, farm implem't, & bldg. mater'l ret.....	1,385	1,190	50	105	30	90	130	130	170	100	105	50	65	90	75	3,176	120
All other retail trade.....	1,340	1,215	100	45	70	100	120	165	195	110	75	55	90	50	40	3,019	130
Finance, insurance, and real estate.....	2,265	1,975	55	60	80	125	125	150	270	180	170	160	235	215	150	3,840	235
Banking and other finance.....	600	530	20	15	40	25	20	35	105	55	35	35	40	35	70	3,545	55
Insurance and real estate.....	1,665	1,445	35	45	40	100	105	115	165	125	135	125	195	180	80	3,970	180
Business and repair services.....	2,710	2,440	140	125	140	185	250	290	425	250	190	110	175	85	75	3,106	195
Business services.....	705	615	30	25	25	30	65	55	60	60	15	100	40	45	3,604	65	
Automobile repair services and garages.....	1,450	1,325	90	45	75	105	110	175	295	140	90	75	50	45	30	3,106	85
Miscellaneous repair services.....	555	500	20	55	40	50	75	60	65	50	40	20	25	...	...	2,583	45
Personal services.....	1,960	1,700	180	100	200	190											

Table 86.—INCOME IN 1949 OF THE EXPERIENCED CIVILIAN LABOR FORCE, BY INDUSTRY AND SEX, FOR THE STATE AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. For totals by industry from complete count, see table 79. Median not shown where base is less than 500]

Area, industry, and sex	Total (includes persons without income)	Persons with income														Income not reported		
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over		Median income (dol.)	
GRAND RAPIDS																		
Female, experienced civilian labor force	32,930	27,415	4,060	3,985	3,705	4,820	5,010	2,850	1,515	610	405	180	140	90	45	1,703	2,055	
Agriculture, forestry, and fisheries	175	110	25	30	10	20	5	...	15	...	...	...	5	...	...	...	10
Forestry and fisheries	175	110	25	30	10	20	5	...	15	...	...	...	5	...	...	...	10
Mining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coal mining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crude petroleum and natural gas extraction	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mining and quarrying, except fuel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Construction	190	135	10	10	20	25	25	15	5	...	5	10	10	...	...	...	20
Manufacturing	9,500	8,340	725	790	1,010	1,525	2,115	1,245	620	145	65	30	30	20	20	2,028	615	
Durable goods	6,550	5,725	455	520	620	870	1,470	1,015	550	105	55	25	15	15	10	2,135	445	
Logging	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sawmills, planing mills, and mill work	115	110	5	10	5	40	30	10	5	...	...	...	5	...	...	...	...
Miscellaneous wood products	70	70	10	10	20	10	10	...	5	...	...	...	...	...	...	...	...
Furniture and fixtures	1,130	995	60	90	115	160	285	175	60	35	5	10	...	...	...	2,127	95
Glass and glass products	15	15	5	5	...	5	...	...	...	...	...	...	...	...	...	...	...
Stone and clay products	10	10	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
Primary iron and steel industries	40	35	...	5	...	5	15	5	...	5	...	...	...	...	...	...	5
Primary nonferrous industries	185	160	25	15	15	10	20	50	20	5	...	...	...	...	...	...	15
Fabric'd metal ind. (incl. not spec. metal)	1,575	1,310	115	125	115	225	370	210	140	...	...	5	5	...	...	2,101	140
Machinery, except electrical	1,320	1,155	120	120	155	180	285	200	75	...	10	5	...	5	...	2,004	100	
Electrical machinery, equip., and supplies	295	265	20	50	45	40	50	25	15	5	5	...	10	...	...	...	5
Motor vehicles & motor vehicle equipment	1,195	1,065	60	65	85	95	280	185	35	30	5	...	...	5	...	2,406	45
Aircraft and parts	235	230	15	5	10	40	45	70	35	...	5	...	5	...	...	...	5
Ship and boat building and repairing	30	15	5	...	...	5	...	...	5	...	...	...	...	...	...	...	5
Railroad & misc. transportation equipment	10	5	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...
All other durable goods	325	285	20	20	50	55	70	50	10	10	...	...	...	...	...	...	30
Nondurable goods	2,885	2,570	270	260	385	640	635	225	70	40	10	5	15	5	10	1,789	160	
Meat products	65	55	...	10	5	15	20	5	...	...	...	...	...	...	...	...	5
Bakery products	465	405	60	25	60	95	110	45	5	...	...	...	...	...	...	...	25
Other food industries	135	110	20	20	10	35	10	15	...	...	...	...	...	...	...	...	5
Tobacco manufactures	45	40	5	5	...	20	5	...	...	...	...	...	...	...	...	...	5
Knitting mills	295	265	45	20	50	100	45	5	...	...	...	...	...	...	...	...	20
Yarn, thread, and fabric mills	135	130	5	10	25	40	40	...	...	...	...	...	...	...	...	...	5
Other textile mill products	60	55	10	10	5	15	10	...	...	...	...	...	...	...	...	...	5
Apparel & other fabricated textile products	315	290	50	25	55	55	75	20	5	5	...	...	...	...	...	...	5
Paper and allied products	340	320	20	25	40	75	75	20	15	...	5	...	...	...	...	...	15
Printing, publishing, and allied industries	590	520	40	75	85	115	100	50	30	...	5	...	5	...	...	...	5
Chemicals and allied products	75	50	...	5	...	10	20	10	...	...	5	...	...	5	10	1,761	30
Petroleum and coal products	50	45	...	5	...	5	10	10	...	...	...	...	...	...	...	...	10
Rubber products	130	125	...	15	...	20	50	10	...	10	...	...	...	...	...	...	5
Footwear, except rubber	155	135	10	15	20	25	60	5	...	...	...	...	...	...	...	...	5
Leather & leather products, exc. footwear	30	25	...	...	...	15	5	...	...	...	...	...	...	...	...	...	10
Not specified manufacturing industries	65	45	...	10	5	15	10	5	...	...	...	...	...	...	...	...	5
Transport, commun., & other public util.	1,415	1,310	45	80	60	190	485	195	115	55	50	10	15	...	10	2,289	80	
Railroads and railway express service	120	100	5	5	5	30	30	20	...	...	...	...	...	...	...	...	20
Street railways and bus lines	20	15	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...
Trucking service and warehousing	205	195	15	20	30	20	50	15	25	5	...	...	...	...	...	...	10
Water transportation	5	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Air transportation	45	25	...	...	...	5	15	...	...	...	...	...	...	...	...	...	20
All other transportation	45	45	10	...	...	10	...	5	5	5	...	...	...	...	...	...	...
Telecommunications	780	745	10	30	15	110	315	130	50	35	40	5	5	...	...	2,329	25
Electric and gas utilities	175	160	5	20	10	30	60	15	10	5	...	...	...	...	...	...	5
Water supply, sanitary services, & other util.	20	20	...	...	...	5	10	...	5	...	...	...	...	...	...	...	...
Wholesale and retail trade	8,235	6,775	1,280	1,235	1,160	1,315	900	430	225	95	35	35	25	35	5	1,376	485	
Wholesale trade	1,045	910	95	140	125	175	215	85	60	5	...	10	1,771	75
Food & dairy prod. stores, & milk retailing	1,105	840	205	155	120	150	135	50	15	...	5	1,250	75
General merchandises & five & ten cent stores	2,025	1,735	365	245	305	430	180	115	30	5	...	5	...	5	...	1,422	130	
Apparel and accessories stores	735	635	95	100	115	120	90	35	40	15	10	...	5	10	...	1,531	55	
Furniture, home furnishings, & equip. stores	205	160	30	35	35	35	15	10	...	...	...	...	...	...	...	...	...
Motor vehicles and accessories retailing	125	100	5	15	5	15	15	20	15	...	5	5	...	...	...	...	...
Gasoline service stations	25	25	5	...	...	10	...	...	5	...	...	...	...	...	...	...	...
Drug stores	425	345	90	85	60	40	35	15	5	...	...	...	...	10	...	...	15
Eating and drinking places	1,655	1,310	260	290	315	255	110	45	20	...	10	...	...	...	...	1,167	90
Hardware, farm implem't, & bldg. mater' ret.	185	150	10	35	15	15	30	15	10	5	5	...	10	...	...	...	5
All other retail trade	705	565	120	135	65	70	75	40	20	15	5	5	5	5	5	1,212	40	
Finance, insurance, and real estate	1,805	1,540	165	195	205	445	310	110	55	20	5	15	5	10	...	1,730	135	
Banking and other finance	665	595	65	80	50	185	130	45	15	5	...	10	5	5	...	1,777	30	
Insurance and real estate	1,140	945	100	115	155	260	180	65	40	15	5	5	...	5	...	1,697	105	
Business and repair services	430	395	45	15	40	135	65	35	35	10	5	5	5	...	...	...	20
Business services	350	335	35	10	30	110	65	25	35	10	5	5	5	...	...	...	10
Automobile repair services and garages	30	30	...	...	5	15	...	10	...	...	...	...	...	...	...	...	...
Miscellaneous repair services	50	30	10	5	5	10	...	...	...	...	...	...	...	...	...	...	10
Personal services	4,135	3,245	990	770	615	445	200	95	65	15	30	5	...	5	10	911	245	
Private households	2,255	1,645	740	485	220	125	30	10	15	...	10	5	...	...	5	585	145
Hotels and lodging places	570	480	60	105	130	95	35	25	5	5	10	...	...	5	...	...	25
Laundering, cleaning, and dyeing services	830	710	125	110	170	150	95	30	20	5	5	...	...	...	...	1,353	25
All other personal services	480	410	65	70	95	75	40	30	25	5	5	...	...	...	...	...	50
Entertainment and recreation services	280	230	70	50	45	25	20	20	...	...	...	...	...	...	...	...	10
Professional and related services	5,665	4,700	550	780	505	580	775	610	350	235	200	65	35	15	...	1,944	315	
Medical and other health services	2,515	2,070	295	415	310	325	325	225	105	45	5	5	15	...	...	1,523	150
Educational services, government	1,655	1,525	110	95	75	85	275	285	190	145	180	60	15	10				

Table 87.—INCOME IN 1949 OF PERSONS, BY RACE AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950

[Based on 20-percent sample; available complete-count data in tables 25, 35, and 36. Median not shown where base is less than 500]

Area, farm residence, race, and sex	Total, 14 years old and over	Persons without income	Persons with income													Income not reported			
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999		\$7,000 to \$7,999	\$10,000 and over	Median income (dol.)
THE STATE																			
Total	4,676,805	1,540,380	2,809,385	406,730	301,585	229,285	223,265	290,940	302,690	360,540	216,715	150,515	88,610	108,770	45,250	44,065	40,425	2,439	327,040
White	4,341,680	1,426,155	2,617,455	379,690	277,850	209,480	206,185	267,145	272,780	328,935	206,580	146,175	86,980	107,225	44,750	43,600	40,080	2,441	298,070
Negro	326,960	111,575	187,165	25,920	22,930	19,255	16,565	23,400	29,465	31,250	9,900	4,215	1,560	1,460	485	440	320	2,190	28,220
Other races	8,165	2,650	4,765	1,120	805	550	515	395	445	355	235	125	70	85	15	25	25	1,416	750
Male																			
White	2,327,805	244,420	1,921,530	150,845	146,900	125,945	125,265	182,760	224,830	316,195	200,685	140,610	82,670	103,130	42,755	41,440	37,500	3,007	161,855
Negro	2,159,300	222,090	1,791,100	141,740	136,890	116,895	114,975	163,630	198,795	286,850	191,050	136,675	81,205	101,765	42,320	41,080	37,230	3,039	146,110
Other races	163,600	21,475	126,840	8,515	9,475	8,615	9,860	18,805	25,225	29,025	9,410	3,825	1,400	1,280	420	335	250	2,659	15,285
Female																			
White	2,349,000	1,295,960	887,855	255,885	154,685	103,340	98,000	108,180	77,860	44,345	16,030	9,905	5,940	5,640	2,495	2,625	2,925	1,161	165,185
Negro	2,182,380	1,204,065	826,355	237,950	140,960	92,585	91,210	103,515	73,985	42,085	15,530	9,500	5,775	5,460	2,430	2,520	2,850	1,185	151,960
Other races	163,600	90,100	60,325	17,405	13,455	10,640	6,705	4,595	3,840	2,225	490	390	160	180	65	105	70	974	12,935
URBAN AND RURAL NONFARM																			
Total	4,182,920	1,341,030	2,547,980	351,180	259,915	197,105	195,890	262,425	280,795	340,600	205,610	142,850	84,600	103,735	42,635	41,720	38,920	2,513	293,910
White	3,851,805	1,228,425	2,358,215	324,825	236,680	177,625	179,000	238,785	250,990	309,120	195,490	138,525	82,985	102,210	42,135	41,265	38,580	2,544	265,165
Negro	323,605	110,225	185,345	25,375	22,525	18,975	16,410	23,255	29,375	31,125	9,885	4,200	1,550	1,440	485	430	315	2,202	28,035
Other races	7,510	2,380	4,420	980	710	505	480	385	430	355	235	125	65	85	15	25	25	1,516	710
Male																			
White	2,064,735	202,905	1,717,610	120,505	116,155	99,805	103,070	159,485	205,285	297,520	189,965	133,250	78,765	98,270	40,260	39,185	36,090	3,092	144,220
Negro	1,898,380	181,055	1,588,740	111,715	106,520	91,000	92,965	140,490	179,355	268,295	180,345	129,330	77,315	96,925	39,825	38,835	35,825	3,135	128,585
Other races	161,970	21,070	125,525	8,265	9,175	8,410	9,710	18,680	25,335	28,905	9,395	3,810	1,390	1,260	420	325	245	2,667	15,195
Female																			
White	2,118,185	1,138,125	830,370	230,675	143,760	97,300	92,820	102,940	75,510	43,080	15,645	9,600	5,835	5,465	2,375	2,535	2,830	1,209	149,690
Negro	1,953,425	1,047,370	769,475	213,110	130,160	86,625	86,035	98,295	71,635	40,825	15,145	9,195	5,670	5,285	2,310	2,430	2,755	1,239	136,580
Other races	161,815	89,155	59,820	17,110	13,350	10,565	6,700	4,575	3,840	2,220	490	390	160	180	65	105	70	979	12,840
RURAL FARM																			
Total	493,885	199,350	261,405	55,550	41,670	32,180	27,375	28,515	21,895	19,940	11,105	7,665	4,010	5,035	2,615	2,345	1,505	1,524	33,130
White	489,875	197,730	259,240	54,865	41,170	31,855	27,185	28,360	21,790	19,815	11,090	7,650	3,995	5,015	2,615	2,335	1,500	1,532	32,905
Negro	2,359,300	1,350	1,820	545	405	280	155	145	90	125	15	15	10	20	10	5	5	951	185
Other races	6,555	270	345	140	95	45	35	10	15	5	5	5	5	5	5	5	5	5	40
Male																			
White	263,070	41,515	203,920	30,340	30,745	26,140	22,195	23,275	19,545	18,675	10,720	7,360	3,905	4,860	2,495	2,255	1,410	1,832	17,635
Negro	260,920	41,035	202,360	30,025	30,370	25,895	22,010	23,140	19,440	18,550	10,705	7,345	3,890	4,840	2,495	2,245	1,405	1,838	17,525
Other races	1,810	405	1,315	290	300	205	150	125	90	120	15	15	10	20	10	5	5	1,262	90
Female																			
White	230,815	157,835	57,485	25,210	10,925	6,040	5,180	5,240	2,350	1,265	385	305	105	175	120	90	95	662	15,495
Negro	228,955	156,695	56,880	24,840	10,800	5,960	5,175	5,220	2,350	1,260	385	305	105	175	120	90	95	667	15,380
Other races	1,545	945	505	295	105	75	5	20	5	5	5	5	5	5	5	5	5	428	95
STANDARD METROPOLITAN AREAS																			
DETROIT																			
Total	2,258,160	736,385	1,383,475	151,090	115,255	92,030	95,795	137,850	160,280	207,825	125,310	90,870	54,600	69,680	29,060	28,060	25,770	2,811	138,300
White	1,989,260	642,320	1,228,455	131,805	97,470	76,700	82,165	118,200	134,205	180,675	116,845	87,145	53,195	68,315	28,620	27,655	25,460	2,902	118,485
Negro	265,970	93,130	153,030	19,105	17,600	15,095	13,440	19,435	25,805	26,885	8,295	3,610	1,370	1,285	435	385	285	2,290	19,510
Other races	3,230	935	1,990	180	185	235	190	215	270	265	170	115	35	80	5	20	25	2,477	305
Male																			
White	1,122,535	107,190	947,095	48,600	47,035	42,870	46,650	77,785	111,840	178,430	115,070	84,700	50,185	66,025	27,520	26,475	23,910	3,277	68,250
Negro	989,825	89,805	841,660	42,760	40,145	36,325	38,750	62,095	89,090	193,355	107,070	81,335	48,935	64,825	27,145	26,165	23,665	3,364	98,360
Other races	130,635	17,125	103,800	5,745	6,775	6,360	7,740	15,520	22,505	24,835	7,840	3,260	1,215	1,120	370	225	217	9,710	180
Female																			
White	1,135,625	629,195	436,380	102,490	68,220	49,160	49,145	60,065	48,440	29,395	10,240	6,170	4,415	3,655	1,540	1,585	1,860	1,483	70,050
Negro	999,435	552,515	386,795	89,045	57,325	40,375	43,415	56,105	45,115	27,320	9,775	5,810	4,260	3,490	1,475	1,490	1,795	1,577	60,125
Other races	135,035	76,005	49,230	13,360	10,825	8,735	5,700	3,915	3,300	2,050	455	350	155	165	65	95	60	1,025	9,800
FLINT																			
Total	195,435	58,375	112,845	12,065	9,400	7,210	6,915	9,205	11,550	20,140	13,070	8,225	4,815	5,330	1,925	1,630	1,365	3,002	24,215
White	185,145	55,070	107,265	11,465	8,835	6,820	6,590	8,725	10,765	18,755	12,370	8,045	4,750	5,270	1,910	1,615	1,350	3,012	22,810
Negro	10,180	3,290	5,525	595	560	385	305	475	780	1,385	695	180	60	60	15	15	15	2,784	1,365
Other races	110	15	55	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	40
Male																			
White	98,080	8,620	82,815	4,715	4,115	3,565	3,765	5,445	7,740	18,655	12,470	7,830	4,675	5,165	1,840	1,540	1,295	3,323	6,645
Negro	92,920	7,960	78,700	4,465	3,895	3,420	3,600	5,100	7,115	17,305	11,780	7,660	4,610	5,110	1,825	1,530	1,285	3,340	6,260
Other races	5,080	655	4,065	250	215	140	145	340	620	1,390	685	170	60	55	15	10	10	3,119	25
Female																			
White	97,355	49,755	30,030	7,350	5,285	3,645	3,150	3,760	3,810	1,485	600	395	140	165	85	90	70	1,326	17,570
Negro	92,225	47,110	28,565	7,000	4,940	3,400	2,990	3,625	3,690	1,450	590	385	140	160	85	85	65	1,344	16,550
Other races	5,100	2,635	1,460	345	345	245	160	135	160	35	10	10	10	5	5	5	5	1,082	1,005
GRAND RAPIDS																			
Total	213,325	66,110	131,115	20,475	15,545	10,535	10,960	1											

Table 87.—INCOME IN 1949 OF PERSONS, BY RACE AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

[Based on 20-percent sample; available complete-count data in tables 25, 35, and 38. Median not shown where base is less than 500]

Area, farm residence, race, and sex	Total, 14 years old and over	Persons without income	Persons with income															Income not reported	
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over		Median income (dol.)
STANDARD METROPOLITAN AREAS—Con.																			
JACKSON.....	80,975	23,815	46,340	7,600	5,340	4,170	3,940	4,620	4,705	5,070	3,720	2,410	1,490	1,430	670	575	600	2,229	10,820
White.....	76,835	23,160	45,055	7,300	5,120	4,005	3,820	4,515	4,575	4,950	3,640	2,385	1,490	1,425	665	570	595	2,253	8,620
Negro.....	4,065	640	1,250	300	195	165	120	105	130	115	75	25	...	5	5	5	5	1,394	2,175
Other races.....	75	15	35	...	25	...	...	...	...	5	5	...	...	...	...	...	...	...	25
Male.....	42,710	4,040	30,075	2,490	2,240	2,170	2,090	2,770	3,540	4,325	3,460	2,290	1,420	1,360	640	520	580	2,938	8,595
White.....	39,605	3,855	29,315	2,435	2,340	2,080	2,005	2,680	3,420	4,210	3,380	2,265	1,420	1,355	635	515	575	2,956	6,435
Negro.....	3,065	180	745	55	75	90	85	90	120	110	75	25	...	5	5	5	5	2,375	2,140
Other races.....	40	5	15	...	5	...	...	...	...	5	5	...	...	...	...	...	...	...	20
Female.....	38,265	19,775	16,265	5,110	2,920	2,000	1,850	1,850	1,165	745	260	120	70	70	30	55	20	1,026	2,225
White.....	37,230	19,305	15,740	4,865	2,780	1,925	1,815	1,835	1,155	740	260	120	70	70	30	55	20	1,058	2,185
Negro.....	1,000	460	505	245	120	75	35	15	10	5	...	...	...	...	...	...	...	531	35
Other races.....	35	10	20	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	5
KALAMAZOO.....	94,645	30,435	58,755	9,320	6,800	4,900	5,045	6,950	6,340	6,230	3,845	3,070	1,705	2,035	750	900	865	2,238	5,455
White.....	92,750	29,790	57,675	9,120	6,585	4,760	4,910	6,790	6,245	6,145	3,825	3,060	1,690	2,030	790	900	865	2,255	5,285
Negro.....	1,825	625	1,050	190	210	140	130	160	90	85	15	10	15	5	...	...	...	1,446	150
Other races.....	70	20	30	10	5	...	5	...	5	...	5	...	...	...	...	...	...	...	20
Male.....	45,575	5,340	37,425	3,060	3,235	2,480	2,480	3,760	4,770	5,400	3,575	2,840	1,615	1,905	710	805	790	2,888	2,810
White.....	44,610	5,145	36,765	3,000	3,155	2,395	2,385	3,640	4,680	5,320	3,555	2,830	1,600	1,900	710	805	790	2,907	2,700
Negro.....	915	185	630	50	75	85	90	120	85	80	15	10	15	5	...	...	...	2,063	100
Other races.....	50	10	30	10	5	...	5	...	5	...	5	...	...	...	...	...	...	...	10
Female.....	49,070	25,095	21,330	6,260	3,565	2,420	2,565	3,190	1,570	830	270	230	90	130	40	95	75	1,174	2,645
White.....	48,140	24,645	20,910	6,120	3,430	2,365	2,525	3,150	1,565	825	270	230	90	130	40	95	75	1,191	2,585
Negro.....	910	440	420	140	135	55	40	40	5	5	...	...	...	...	...	...	...	...	50
Other races.....	20	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
LANSING.....	128,095	33,290	79,770	11,455	8,980	7,245	6,965	7,610	7,250	8,795	6,915	4,370	2,795	3,335	1,375	1,535	1,145	2,344	15,035
White.....	125,455	32,690	78,100	11,180	8,750	7,090	6,785	7,375	7,110	8,540	6,820	4,330	2,790	3,320	1,375	1,530	1,145	2,356	14,665
Negro.....	2,535	575	1,610	255	220	145	175	235	135	255	90	40	15	...	5	...	...	2,021	390
Other races.....	105	25	60	20	10	10	5	...	5	...	5	...	5	...	...	...	...	...	20
Male.....	63,440	4,895	53,570	4,490	4,615	4,285	3,775	4,130	4,875	7,280	6,375	4,105	2,710	3,150	1,285	1,435	1,060	3,042	4,975
White.....	62,030	4,735	52,435	4,375	4,490	4,215	3,670	3,945	4,755	7,050	6,290	4,065	2,665	3,135	1,285	1,435	1,060	3,054	4,860
Negro.....	1,340	150	1,090	100	120	65	100	185	115	230	80	40	15	...	...	...	...	2,432	100
Other races.....	70	10	45	15	5	5	5	...	5	...	5	...	5	...	...	...	...	...	15
Female.....	64,655	28,395	26,200	6,965	4,265	2,960	3,190	3,480	2,375	1,515	540	265	85	185	90	100	85	1,299	10,060
White.....	63,425	27,955	25,665	6,805	4,260	2,875	3,115	3,430	2,355	1,490	530	265	85	185	90	95	85	1,307	9,805
Negro.....	1,195	425	520	155	100	80	75	50	20	25	10	...	...	...	...	5	...	1,031	250
Other races.....	35	15	15	5	5	5	...	...	...	...	...	...	...	...	...	...	...	...	5
SAGINAW.....	109,150	38,890	64,570	9,920	6,825	5,190	5,110	6,130	7,330	10,085	4,595	2,970	1,860	2,175	865	705	810	2,427	5,690
White.....	102,735	36,495	60,905	9,515	6,515	4,870	4,885	5,715	6,740	9,065	4,345	2,880	1,850	2,160	855	700	810	2,408	5,335
Negro.....	6,330	2,370	3,615	390	310	310	210	415	590	1,015	250	90	10	15	10	...	...	2,646	345
Other races.....	85	25	50	15	...	10	15	...	...	5	...	...	...	...	...	5	...	...	10
Male.....	54,520	6,695	44,725	3,495	3,055	2,730	2,930	4,070	6,045	9,260	4,335	2,760	1,760	2,060	805	670	750	3,002	3,100
White.....	51,060	6,255	41,920	3,375	2,955	2,555	2,755	3,705	5,525	8,280	4,090	2,670	1,730	2,050	795	665	750	3,005	2,885
Negro.....	3,410	425	2,775	115	100	165	155	365	520	975	245	90	10	10	...	...	...	2,954	210
Other races.....	50	15	30	5	...	10	5	...	...	5	...	...	...	...	...	5	...	...	5
Female.....	54,630	32,195	19,845	6,425	3,770	2,460	2,180	2,060	1,285	825	260	210	100	115	60	35	60	964	2,590
White.....	51,675	30,240	18,985	6,140	3,560	2,315	2,130	2,010	1,215	785	255	210	100	110	60	35	60	971	2,450
Negro.....	2,920	1,945	840	275	210	145	40	50	70	40	5	...	...	...	...	...	...	845	135
Other races.....	35	10	20	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
CITIES																			
DETROIT.....	1,428,140	455,480	893,285	93,035	75,710	61,315	64,805	94,175	110,035	134,815	77,860	55,890	33,495	43,065	17,765	17,135	14,185	2,762	79,375
White.....	1,198,680	375,800	758,730	76,590	60,445	48,050	52,915	76,830	87,170	111,435	70,540	52,560	32,220	41,880	17,370	16,775	13,950	2,870	64,190
Negro.....	226,950	79,010	132,925	16,300	15,110	13,065	11,760	17,180	22,645	23,155	7,165	3,230	1,240	1,125	390	340	220	2,298	15,015
Other races.....	2,510	670	1,630	145	155	200	130	165	220	225	155	100	35	60	5	20	15	2,545	210
Male.....	707,620	67,140	601,875	30,035	30,870	27,710	30,945	52,320	75,955	114,500	71,090	51,725	30,305	40,505	16,705	16,040	13,170	3,232	38,605
White.....	594,405	52,750	510,630	25,075	25,035	22,265	24,170	38,505	56,015	92,905	64,170	48,725	29,175	39,475	16,375	15,760	12,980	3,346	31,025
Negro.....	111,995	14,225	89,925	4,895	5,735	5,290	6,675	13,685	19,740	21,390	6,775	2,910	1,095	970	325	260	180	2,720	7,445
Other races.....	1,620	165	1,320	65	100	155	100	130	200	205	145	90	35	60	5	20	10	2,775	135
Female.....	720,520	388,340	291,410	63,000	44,840	33,605	33,860	41,855	34,080	20,315	6,770	4,165	3,190	2,560	1,060	1,095	1,015	1,563	40,770
White.....	604,275	323,050	248,100	51,515	35,410	25,785	28,745	38,325	31,155	18,530	6,370	3,835	3,045	2,405	995	1,015	970	1,697	33,125
Negro.....	115,355	64,785	43,000	11,405	9,375	7,775	5,085	3,495	2,905	1,765	390	320	145	155	65	80	40	1,046	7,570
Other races.....	890	505	310	80	55	45	30	35	20	20	10	...	...	...	...	...	...	...	75
FLINT.....	121,480	33,																	

Table 87.—INCOME IN 1949 OF PERSONS, BY RACE AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS AND CITIES OF 100,000 OR MORE: 1950—Con.

[Based on 20-percent sample; available complete-count data in tables 25, 35, and 36. Median not shown where base is less than 500]

Area, farm residence, race, and sex	Total, 14 years old and over	Persons without income	Persons with income															Income not reported	
			Total	\$1 to \$400 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over		Median income (dol.)
CITIES—Con.																			
GRAND RAPIDS.....	134,775	40,025	85,415	13,085	9,905	7,025	7,360	9,080	9,005	10,120	6,215	4,635	2,435	3,100	1,150	1,220	1,080	2,294	9,335
White.....	129,420	38,425	82,025	12,460	9,365	6,515	6,995	8,615	8,620	9,825	6,095	4,585	2,425	3,090	1,145	1,215	1,075	2,330	8,970
Negro.....	5,245	1,570	3,320	605	530	505	355	460	385	280	115	50	10	10	5	5	5	1,528	355
Other races.....	110	30	70	20	10	5	10	5	15	5	5	5	5	5	5	5	5	5	10
Male.....	63,325	5,535	53,100	4,180	3,920	3,135	3,195	5,090	6,505	8,760	5,655	4,235	2,275	2,920	1,075	1,135	1,020	3,030	4,690
White.....	60,755	5,225	51,060	3,970	3,675	2,905	2,965	4,750	6,190	8,480	5,535	4,195	2,270	2,910	1,070	1,130	1,015	3,063	4,470
Negro.....	2,505	295	2,000	205	240	230	220	340	315	265	115	40	5	10	5	5	5	2,154	210
Other races.....	65	15	40	5	5	5	10	5	15	5	5	5	5	5	5	5	5	5	10
Female.....	71,450	34,490	32,315	8,905	5,985	3,890	4,165	3,990	2,500	1,360	560	400	160	180	75	85	60	1,163	4,645
White.....	68,665	33,200	30,965	8,490	5,690	3,610	4,030	3,865	2,430	1,345	560	390	155	180	75	85	60	1,180	4,500
Negro.....	2,740	1,275	1,320	400	290	275	135	120	70	15	5	10	5	5	5	5	5	948	145
Other races.....	45	15	30	15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Table 88.—INCOME IN 1949 OF PERSONS, BY COLOR AND SEX, FOR THE STATE, URBAN AND RURAL, AND BY SEX, FOR CITIES OF 50,000 TO 100,000: 1950

[Based on 20-percent sample; available complete-count data in tables 25 and 35. Median not shown where base is less than 500]

Area, color, and sex	Total, 14 years old and over	Persons without income	Persons with income															Income not reported	
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over		Median income (dol.)
THE STATE																			
Total.....	4,676,805	1,540,380	2,809,385	406,730	301,585	229,285	223,265	290,940	302,690	360,540	216,715	150,515	88,610	108,770	45,250	44,065	40,425	2,419	327,040
Male.....	2,327,805	744,420	1,921,530	150,845	146,900	125,945	125,265	182,760	224,830	316,195	200,685	140,610	82,670	103,130	42,755	41,440	37,500	3,007	161,855
Female.....	2,349,000	1,295,960	887,855	255,885	154,685	103,340	98,000	108,180	77,860	44,345	16,030	9,905	5,940	5,640	2,495	2,625	2,925	1,361	165,185
Nonwhite.....	335,125	114,225	191,930	27,040	23,735	19,805	17,080	23,795	29,910	31,605	10,135	4,340	1,630	1,545	500	465	345	2,175	28,970
Male.....	168,505	62,330	130,430	9,105	10,010	9,050	10,290	19,130	26,035	29,345	9,635	3,935	1,465	1,365	435	360	270	1,745	15,745
Female.....	166,620	91,895	61,500	17,935	13,725	10,755	6,790	4,665	3,875	2,260	500	405	165	180	65	105	75	967	13,225
Urban.....	3,375,600	1,063,490	2,096,105	268,340	200,475	156,045	157,530	213,590	234,990	290,475	175,725	123,955	73,655	91,560	37,865	37,175	34,725	2,611	216,005
Male.....	1,658,455	558,715	1,399,905	88,140	84,115	74,490	77,510	123,235	167,000	251,045	161,490	115,215	68,245	86,605	35,690	34,920	32,205	3,170	99,835
Female.....	1,717,145	904,775	696,200	180,200	116,360	81,555	80,020	90,355	67,990	39,430	14,235	8,740	5,410	4,955	2,175	2,255	2,520	1,316	116,170
Rural nonfarm.....	807,320	277,540	451,875	82,840	59,440	41,060	38,360	48,835	45,805	50,125	29,885	18,895	10,945	12,175	4,770	4,545	4,195	2,043	77,905
Male.....	406,280	144,190	317,705	32,365	32,040	25,315	25,560	36,250	38,285	46,475	28,475	18,035	10,520	11,665	4,570	4,265	3,885	2,596	44,385
Female.....	401,040	233,350	134,170	50,475	27,400	15,745	12,800	12,585	7,520	3,650	1,410	860	425	510	200	280	310	803	33,520
Rural farm.....	493,885	199,350	261,405	55,550	41,670	32,180	27,375	28,515	21,895	19,940	11,105	7,665	4,010	5,035	2,615	2,345	1,505	1,524	33,130
Male.....	263,070	115,515	203,920	30,340	30,745	26,140	22,195	23,275	19,545	18,675	10,720	7,360	3,905	4,860	2,495	2,255	1,410	1,832	17,635
Female.....	230,815	157,835	97,485	25,210	10,925	6,040	5,180	5,240	2,350	1,265	385	305	105	175	120	90	95	662	15,495
CITIES																			
Bay City.....	38,480	12,440	24,445	3,850	2,575	2,100	2,185	2,730	3,325	3,060	1,505	1,035	740	605	200	210	325	2,277	1,595
Male.....	18,280	1,955	15,530	1,150	890	975	1,150	1,815	2,520	2,765	1,390	975	705	565	185	175	310	2,854	795
Female.....	20,200	10,485	8,915	2,700	1,685	1,125	1,035	915	805	295	155	60	35	40	15	35	15	1,032	800
Dearborn.....	71,255	22,265	45,105	4,605	2,980	2,530	2,345	3,725	4,500	6,815	4,470	3,865	2,470	3,030	1,495	1,315	960	3,137	3,885
Male.....	35,485	2,710	31,135	1,305	1,150	1,040	1,005	1,795	2,810	5,625	4,045	3,600	2,235	2,860	1,460	1,265	940	3,604	1,640
Female.....	35,770	19,555	13,970	3,300	1,830	1,490	1,340	1,930	1,690	1,190	425	265	235	170	35	50	20	1,636	2,245
Jackson.....	39,060	11,385	25,320	4,185	2,890	2,335	2,220	2,305	2,470	2,655	1,985	1,235	920	880	440	440	440	2,223	2,355
Male.....	20,830	9,600	10,110	3,020	1,815	1,270	1,230	1,110	725	485	200	80	45	30	30	30	15	1,087	1,120
Female.....	18,230	1,785	15,210	1,165	1,075	1,065	990	1,195	1,745	2,170	1,785	1,155	875	835	410	320	425	3,085	1,235
Kalamazoo.....	46,160	14,220	29,100	4,605	3,695	2,545	2,770	3,670	3,050	2,905	1,710	1,235	780	955	345	385	450	2,127	2,840
Male.....	21,505	2,985	17,090	1,330	1,625	1,270	1,225	1,795	2,180	2,395	1,530	1,095	720	865	320	355	385	2,798	1,430
Female.....	24,655	11,235	12,010	3,275	2,070	1,275	1,545	1,875	870	510	180	140	60	90	25	30	65	1,259	1,410
Lansing.....	70,115	17,365	44,590	4,855	4,310	3,545	3,770	4,490	4,530	5,635	4,480	2,805	1,820	2,130	775	860	585	2,646	8,160
Male.....	33,140	2,390	28,695	1,640	1,725	1,620	1,640	2,215	2,740	4,550	4,080	2,635	1,765	2,000	715	820	590	3,304	2,055
Female.....	36,975	14,975	15,895	3,215	2,585	1,925	2,130	2,275	1,790	1,085	400	170	55	130	60	40	35	1,552	6,105
Pontiac.....	55,525	15,680	32,680	3,710	2,995	2,325	2,520	3,500	3,420	5,365	3,180	2,125	1,035	1,325	450	370	360	2,689	7,165
Male.....	27,925	2,580	21,930	1,040	1,220	1,215	1,190	2,090	2,350	4,505	2,945	1,990	980	1,295	425	355	330	3,206	3,415
Female.....	27,600	13,100	10,750	2,670	1,775	1,110	1,330	1,410	1,070	860	235	135	55	30	25	15	30	1,419	3,750
Saginaw.....	68,375	22,795	42,300	6,130	4,330	3,355	3,300	4,015	4,750	6,855	3,075	2,025	1,205	1,530	650	520	560	2,502	3,280
Male.....	33,290	3,650	27,885	1,835	1,590	1,445	1,480	2,480	3,750	6,210	2,855	1,845	1,115	1,440	605	500	525	3,093	1,755
Female.....	35,085	19,145	14,415	4,295	2,740	1,865	1,655	1,535	1,000	645	220	180	90	90	45	20	35	1,046	1,525

Table 89.—INCOME IN 1949 OF PERSONS, BY AGE AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

[Based on 20-percent sample; available complete-count data in tables 15 and 33. Median not shown where base is less than 500]

Area, farm residence, age, and sex	Total, 14 years old and over	Persons without income	Persons with income																	Income not reported
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$10,000 and over	Median income (dol.)		
THE STATE																				
Male	2,327,805	244,420	1,921,530	150,845	146,900	125,945	125,265	182,760	224,830	316,195	200,685	140,610	82,670	103,130	42,755	41,440	37,500	3,007	161,855	
14 to 19 years	259,820	130,490	99,420	54,970	18,810	9,535	5,675	4,605	2,855	1,710	490	200	125	180	105	90	70	452	29,910	
20 to 24 years	236,675	18,920	202,180	16,170	24,655	24,485	22,915	30,410	31,850	30,290	11,535	5,045	2,170	1,650	435	315	255	2,212	15,575	
25 to 34 years	502,470	14,510	459,735	11,390	18,005	24,455	29,365	47,495	66,045	96,190	61,390	40,990	22,430	23,730	8,070	6,560	3,620	3,172	28,225	
35 to 44 years	442,220	11,090	403,205	8,995	12,015	15,760	19,870	33,745	45,945	74,395	54,435	41,340	24,950	33,560	14,240	13,570	10,485	3,103	27,525	
45 to 54 years	373,735	13,390	335,445	10,475	14,340	15,635	17,960	27,730	36,205	58,225	40,380	30,655	19,850	26,790	12,250	12,790	12,560	3,393	25,200	
55 to 64 years	292,295	18,745	254,240	14,500	19,215	17,645	17,195	24,495	29,660	42,320	25,805	17,885	10,820	14,100	6,180	6,480	7,940	3,052	19,310	
65 years and over	220,990	37,275	167,205	34,345	39,860	18,430	12,685	14,280	12,270	13,065	6,650	4,495	3,120	2,325	1,475	1,635	2,570	1,255	16,110	
Female	2,349,000	1,295,960	887,855	255,885	154,685	103,340	98,000	108,180	77,860	44,345	16,030	9,905	5,940	5,640	2,495	2,625	2,925	1,161	165,185	
14 to 19 years	263,395	153,770	78,135	45,240	15,070	7,220	5,805	3,120	805	365	115	95	30	80	60	65	65	432	31,490	
20 to 24 years	252,325	104,660	132,785	29,280	19,650	17,840	22,520	25,115	12,860	3,790	775	285	140	190	110	115	115	1,489	14,880	
25 to 34 years	532,225	305,620	195,665	45,500	28,100	23,575	22,760	29,200	24,705	13,295	3,760	2,010	890	890	385	325	270	1,571	30,940	
35 to 44 years	445,285	252,445	164,730	36,940	22,940	20,165	19,180	22,905	18,625	12,375	4,505	2,755	1,700	1,390	455	600	595	1,514	28,110	
45 to 54 years	353,880	201,800	129,000	29,165	19,210	15,185	14,050	16,480	13,185	9,060	4,225	2,730	1,795	1,675	730	700	810	1,533	23,080	
55 to 64 years	266,365	161,680	87,290	25,075	17,155	11,025	9,115	8,100	5,740	4,110	2,055	1,470	940	945	495	445	580	1,063	17,435	
65 years and over	235,525	115,985	100,290	44,685	32,960	8,330	4,270	3,260	1,940	1,350	595	560	445	470	260	375	490	583	19,250	
URBAN AND RURAL NONFARM																				
Male	2,064,735	202,905	1,717,610	120,505	116,155	99,805	103,070	159,485	205,285	297,520	189,965	133,250	78,765	98,270	40,260	39,185	36,090	3,092	144,220	
14 to 19 years	220,355	107,575	86,825	46,635	16,670	8,685	5,190	4,225	2,650	1,605	465	190	105	170	90	75	70	465	25,955	
20 to 24 years	215,855	16,385	185,280	13,785	21,545	22,060	20,785	27,870	30,020	28,770	11,045	4,845	2,095	1,560	385	280	235	2,260	14,190	
25 to 34 years	462,590	12,325	424,360	9,250	14,450	20,215	25,000	42,415	61,075	91,515	59,045	39,380	21,685	22,960	7,665	6,260	3,445	3,217	25,895	
35 to 44 years	397,205	9,465	362,890	6,620	8,330	11,470	15,335	28,370	40,805	69,440	51,020	39,110	23,620	32,130	13,520	12,920	10,200	3,511	24,850	
45 to 54 years	332,635	11,210	298,810	7,655	10,080	11,115	13,440	23,400	32,655	54,315	37,835	28,705	18,730	25,295	11,485	12,020	12,080	3,470	22,615	
55 to 64 years	252,380	15,610	219,910	9,995	12,860	12,090	13,090	20,835	26,945	39,720	24,350	16,920	10,355	13,255	5,810	6,095	7,990	1,378	16,860	
65 years and over	183,725	30,335	139,535	26,565	32,220	14,170	10,230	12,370	11,135	12,155	6,205	4,100	2,175	2,900	1,305	1,535	2,470	1,318	13,855	
Female	2,118,185	1,138,125	830,370	230,675	143,760	97,300	92,820	102,940	75,510	43,080	15,645	9,600	5,835	5,465	2,375	2,535	2,830	1,209	149,690	
14 to 19 years	230,370	132,100	70,610	39,795	13,955	6,885	5,430	2,980	765	345	90	75	25	80	60	60	65	444	27,660	
20 to 24 years	235,715	95,560	126,165	27,425	18,565	16,875	21,275	24,055	12,610	3,685	755	275	140	185	100	115	105	1,575	13,990	
25 to 34 years	491,805	276,035	187,005	42,180	26,755	22,510	21,875	28,145	24,190	13,000	3,710	850	850	385	315	270	270	1,547	28,765	
35 to 44 years	402,550	222,005	154,895	33,310	21,010	19,075	18,275	21,590	17,930	12,010	4,390	2,660	1,690	1,360	445	385	365	1,611	25,650	
45 to 54 years	316,645	175,590	120,240	26,025	17,705	14,100	13,175	15,460	12,680	8,760	4,130	2,650	1,770	1,635	695	675	780	1,587	20,815	
55 to 64 years	232,860	137,155	80,225	22,175	15,465	10,190	8,530	7,660	5,505	3,985	1,995	1,435	925	910	460	425	365	1,121	15,480	
65 years and over	208,240	99,680	91,230	39,765	30,305	7,665	4,260	3,050	1,830	1,295	575	535	435	445	230	360	480	597	17,330	
RURAL FARM																				
Male	263,070	41,515	203,920	30,340	30,745	26,140	22,195	23,275	19,545	18,675	10,720	7,360	3,905	4,860	2,495	2,255	1,410	1,832	17,635	
14 to 19 years	39,465	22,915	12,995	8,335	2,140	850	485	380	205	105	25	10	10	15	15	15	15	378	3,955	
20 to 24 years	20,820	2,535	16,900	2,385	3,110	2,425	2,130	2,540	1,830	1,520	490	200	75	90	50	35	20	1,624	1,385	
25 to 34 years	39,890	2,185	35,375	2,140	3,555	4,240	4,365	5,080	4,970	4,675	2,345	1,610	745	770	405	300	175	2,353	2,330	
35 to 44 years	45,015	1,925	40,415	2,375	3,685	4,290	4,535	5,375	5,140	4,955	3,415	2,230	1,330	1,430	720	650	285	2,495	2,675	
45 to 54 years	41,100	1,880	36,635	2,820	4,260	4,520	4,120	4,330	3,500	3,910	2,545	1,950	1,120	1,495	765	770	480	2,300	2,585	
55 to 64 years	39,915	3,135	34,330	4,505	6,355	5,555	4,105	3,660	2,715	2,600	1,455	965	465	845	370	385	350	1,591	2,450	
65 years and over	36,865	6,940	27,670	7,780	7,640	3,960	2,455	1,910	1,135	910	445	220	170	100	100	100	896	2,255		
Female	230,815	157,835	57,485	25,210	10,925	6,040	5,180	5,240	2,350	1,265	385	305	105	175	120	90	95	662	15,495	
14 to 19 years	33,025	21,670	7,525	5,445	1,115	335	375	140	40	20	25	20	5	5	5	5	5	346	3,830	
20 to 24 years	16,610	9,100	6,620	1,855	1,085	965	1,245	1,060	250	102	20	10	10	10	10	10	10	1,192	890	
25 to 34 years	40,420	29,585	8,660	3,320	1,345	1,065	885	1,055	515	295	50	40	40	40	40	40	40	871	2,175	
35 to 44 years	42,735	30,440	9,835	3,630	1,830	1,090	905	1,315	695	365	115	95	10	30	10	10	10	925	2,460	
45 to 54 years	37,235	26,210	8,760	3,140	1,085	875	775	1,020	505	300	95	80	25	40	35	25	30	912	2,265	
55 to 64 years	33,505	24,525	7,025	2,900	1,690	835	585	440	235	125	60	35	15	35	20	15	681	1,955		
65 years and over	27,285	16,305	9,060	4,920	2,655	665	310	210	110	55	20	25	10	25	30	15	10	460	1,920	
STANDARD METROPOLITAN AREAS																				
DETROIT																				
Male	1,122,535	107,190	947,095	48,600	47,035	42,870	46,650	77,785	111,840	178,430	115,070	84,700	50,185	66,025	27,520	26,475	23,910	3,277	68,250	
14 to 19 years	110,590	57,700	41,105	19,675	7,840	4,650	2,930	2,590	1,790	1,000	255	100	60	80	60	40	35	556	11,785	
20 to 24 years	111,575	8,710	96,670	5,620	9,090	9,365	9,970	14,895	17,375	17,665	6,475	3,180	1,325	1,105	270	155	180	2,480	6,1	

DETAILED CHARACTERISTICS

Table 89.—INCOME IN 1949 OF PERSONS, BY AGE AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample; available complete-count data in tables 15 and 33. Median not shown where base is less than 500]

Area, farm residence, age, and sex	Total, 14 years old and over	Persons without income	Persons with income																Income not reported
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 and over	Median income (dol.)	
STANDARD METROPOLITAN AREAS—Con.																			
FLINT—Con.																			
Female.....	97,355	49,755	30,030	7,350	5,285	3,645	3,150	3,760	3,810	1,485	600	395	140	165	85	90	70	1,326	17,570
14 to 19 years.....	12,435	6,390	2,510	1,420	575	280	105	100	10	5	5	10	...	...	...	...	...	442	3,535
20 to 24 years.....	11,800	5,370	4,755	1,005	815	690	730	735	630	100	38	...	...	5	10	...	...	1,404	1,675
25 to 34 years.....	22,605	12,050	6,840	1,335	1,025	810	735	1,075	1,180	420	120	85	15	25	10	5	...	1,670	3,715
35 to 44 years.....	18,640	9,420	6,040	1,040	845	725	665	885	955	460	185	115	65	50	10	20	20	1,808	3,180
45 to 54 years.....	14,330	7,515	4,520	840	460	515	525	635	725	375	150	125	45	55	10	35	25	1,924	2,295
55 to 64 years.....	9,335	5,245	2,365	515	485	345	250	250	230	95	85	30	15	20	25	15	5	1,264	1,725
65 years and over.....	8,210	3,765	3,000	1,195	1,080	280	140	80	80	30	20	30	...	10	20	15	20	641	1,445
GRAND RAPIDS																			
Male.....	102,975	9,450	85,080	6,885	6,765	5,100	5,190	7,945	10,475	13,865	8,930	6,545	3,505	4,425	1,700	1,805	1,945	3,006	8,445
14 to 19 years.....	11,640	5,170	5,380	2,940	1,085	460	335	265	150	80	15	15	10	5	5	5	10	457	1,090
20 to 24 years.....	10,370	710	8,940	690	1,015	1,030	995	1,320	1,660	1,300	525	175	105	45	40	30	10	2,280	720
25 to 34 years.....	21,250	460	19,475	380	690	835	975	1,860	2,840	4,340	2,805	1,880	960	1,090	350	285	185	3,249	1,315
35 to 44 years.....	18,765	315	16,820	335	380	470	670	1,070	1,815	3,190	2,515	2,025	1,090	1,520	555	610	575	3,595	1,630
45 to 54 years.....	16,015	485	14,065	340	580	580	745	1,195	1,655	2,515	1,680	1,445	705	1,045	445	520	615	3,385	1,465
55 to 64 years.....	13,385	750	11,390	565	1,035	745	790	1,210	1,500	1,740	1,115	790	475	605	210	235	375	2,950	1,245
65 years and over.....	11,550	1,560	9,010	1,635	1,980	980	680	1,025	855	700	275	215	160	115	95	120	175	1,454	980
Female.....	110,350	56,660	46,035	13,590	8,780	5,435	5,770	5,590	3,210	1,705	725	500	205	205	100	95	125	1,060	7,655
14 to 19 years.....	12,500	6,635	4,640	2,380	1,055	505	405	200	35	30	5	10	...	...	...	...	15	487	1,225
20 to 24 years.....	11,520	4,115	6,765	1,315	950	830	1,630	1,310	545	110	35	15	5	...	5	5	10	1,588	640
25 to 34 years.....	22,710	12,780	8,595	2,165	1,405	985	1,060	1,345	905	385	170	50	30	40	30	15	10	1,369	1,335
35 to 44 years.....	19,850	10,975	7,560	1,925	1,065	900	910	1,205	695	445	160	120	50	50	10	10	15	1,439	1,315
45 to 54 years.....	16,215	8,435	6,655	1,510	970	835	815	945	620	395	200	180	55	60	10	30	30	1,508	1,125
55 to 64 years.....	13,475	7,550	5,030	1,420	935	690	675	405	305	215	130	90	45	40	35	15	30	1,116	895
65 years and over.....	14,080	6,170	6,790	2,875	2,400	690	275	180	105	125	25	35	20	15	10	20	15	608	1,120

Table 90.—INCOME IN 1949 OF PERSONS, BY FAMILY STATUS, AGE, AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

[Based on 20-percent sample. Median not shown where base is less than 500]

Area, farm residence, family status, age, and sex	Total, 14 years old and over	Persons without income	Persons with income														Income not reported			
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999		\$10,000 and over	Median income (dol.)	
THE STATE																				
Male	2,327,805	244,420	1,921,530	150,845	146,900	125,945	125,265	182,760	224,830	316,195	200,685	140,610	82,670	103,130	42,755	41,440	37,500	3,007	161,855	
In families	2,053,310	214,410	1,725,700	124,375	111,820	104,100	108,545	163,315	203,490	292,345	189,050	133,590	78,975	99,040	41,220	39,770	36,065	3,081	113,200	
Head	1,487,775	43,260	1,378,360	46,465	64,095	69,520	78,745	125,580	164,565	251,900	170,925	124,230	74,665	94,595	39,415	38,535	35,125	3,278	66,155	
Married, wife present	1,428,825	37,675	1,329,725	40,975	58,590	65,410	74,775	120,770	159,180	244,715	166,825	121,610	73,280	92,955	38,780	37,800	34,360	3,297	61,425	
Other marital status	58,950	5,585	48,635	5,490	5,505	4,110	3,970	4,810	5,385	7,185	4,400	2,620	1,385	1,640	635	735	765	2,540	4,730	
Relative of head	565,535	171,150	347,340	77,910	47,725	34,580	29,800	37,735	38,925	40,445	18,125	9,360	4,310	4,445	1,805	1,235	940	1,726	47,045	
14 to 19 years	239,705	127,910	86,785	50,425	15,830	7,845	4,735	3,725	2,270	1,225	310	125	60	100	80	35	20	40	25,010	
20 to 64 years	295,690	32,065	243,720	20,835	27,630	25,045	24,175	33,035	35,935	38,450	17,500	9,045	4,155	4,245	1,630	1,155	885	2,366	19,905	
65 years and over	30,140	11,175	16,835	6,650	4,265	1,690	890	975	720	770	315	190	95	100	95	45	35	707	2,130	
Unrelated individuals	234,075	21,040	190,465	24,430	33,450	21,275	16,450	19,185	21,130	23,695	11,535	6,960	3,675	4,065	1,525	1,660	1,430	1,989	22,570	
Inmates of institutions	40,420	8,970	5,365	2,040	1,630	570	270	260	210	155	100	60	20	25	10	5	5	697	26,085	
Female	2,349,000	1,295,960	887,855	255,885	154,685	103,340	98,000	108,180	77,860	44,345	16,300	9,905	5,940	5,640	2,495	2,625	2,925	1,161	165,185	
In families	2,131,220	1,250,695	743,785	224,060	120,715	85,900	84,055	93,170	65,790	36,015	12,180	7,175	4,205	4,225	1,830	2,110	2,355	1,158	136,740	
Head	1,335,500	37,040	88,185	16,175	17,000	12,925	10,430	10,015	8,300	5,695	2,660	1,575	1,020	905	435	530	520	1,422	8,275	
Wife of head	1,462,290	958,045	422,800	136,275	67,935	48,475	44,915	50,560	36,430	19,670	6,265	3,825	2,265	2,425	1,080	1,150	1,530	1,074	81,445	
Other relative of head	535,430	255,610	232,800	71,610	35,780	24,500	28,710	32,595	21,060	10,650	3,255	1,775	920	895	315	430	305	1,184	47,020	
14 to 19 years	225,090	136,905	60,880	35,975	11,465	5,445	4,400	2,370	570	255	90	25	60	60	60	55	45	423	27,305	
20 to 64 years	246,070	82,510	148,780	22,035	18,110	17,895	23,570	29,765	20,150	10,140	3,080	1,670	850	785	225	310	195	1,847	14,780	
65 years and over	64,270	36,195	23,140	13,600	6,205	1,160	740	460	340	255	85	55	45	50	60	55	45	425	4,935	
Unrelated individuals	195,225	38,720	142,130	30,980	33,245	17,260	13,855	14,975	12,025	8,325	3,840	2,725	1,735	1,415	665	515	570	1,198	14,375	
Inmates of institutions	22,555	6,545	1,940	845	725	180	90	35	45	5	10	5	...	...	...	...	...	586	14,070
URBAN AND RURAL NONFARM																				
Male	2,064,735	202,905	1,717,610	120,505	116,155	99,805	103,070	159,485	205,285	297,520	189,965	133,250	78,765	98,270	40,260	39,185	36,090	3,092	144,220	
In families	1,807,385	175,215	1,535,040	98,330	85,165	79,600	87,320	140,795	184,465	274,095	178,525	126,370	75,085	94,290	38,770	37,540	34,690	3,168	97,130	
Head	1,325,710	34,800	82,880	14,620	15,590	12,060	9,985	9,615	8,075	5,520	2,600	1,555	1,000	855	410	505	490	1,466	7,735	
Wife of head	1,306,575	839,280	394,295	123,675	63,150	45,475	42,365	47,740	35,085	18,985	6,050	3,640	2,210	2,320	1,010	1,100	1,480	1,113	73,000	
Other relative of head	475,775	221,160	213,440	62,310	32,485	22,760	26,780	30,765	20,375	10,905	3,165	1,700	905	870	295	425	295	1,262	41,185	
14 to 19 years	194,070	116,510	53,970	30,870	10,470	5,160	4,085	2,265	535	240	65	30	20	60	60	55	45	437	23,590	
20 to 64 years	225,480	75,040	139,095	19,555	16,560	16,570	22,045	28,075	19,525	9,815	3,020	1,625	840	760	210	310	185	2,481	13,345	
65 years and over	56,225	31,610	20,365	11,885	5,455	1,030	650	425	315	245	80	45	45	50	25	60	55	428	4,250	
Unrelated individuals	188,380	36,855	137,825	29,225	31,810	16,825	13,600	14,785	11,930	8,270	3,820	2,700	1,720	1,410	660	505	565	1,234	13,700	
Inmates of institutions	40,420	8,970	5,365	2,040	1,630	570	270	260	210	155	100	60	20	25	10	5	5	697	26,085	
Female	2,118,185	1,138,125	830,370	230,675	143,760	97,300	92,820	102,940	75,510	43,080	15,645	9,600	5,835	5,465	2,375	2,535	2,830	1,209	149,690	
In families	1,907,250	1,094,725	690,605	200,605	111,225	80,295	79,130	88,120	63,535	34,805	11,815	6,895	4,115	4,055	1,715	2,030	2,265	1,208	121,920	
Head	1,249,900	34,285	82,880	14,620	15,590	12,060	9,985	9,615	8,075	5,520	2,600	1,555	1,000	855	410	505	490	1,466	7,735	
Wife of head	1,306,575	839,280	394,295	123,675	63,150	45,475	42,365	47,740	35,085	18,985	6,050	3,640	2,210	2,320	1,010	1,100	1,480	1,113	73,000	
Other relative of head	475,775	221,160	213,440	62,310	32,485	22,760	26,780	30,765	20,375	10,905	3,165	1,700	905	870	295	425	295	1,262	41,185	
14 to 19 years	194,070	116,510	53,970	30,870	10,470	5,160	4,085	2,265	535	240	65	30	20	60	60	55	45	437	23,590	
20 to 64 years	225,480	75,040	139,095	19,555	16,560	16,570	22,045	28,075	19,525	9,815	3,020	1,625	840	760	210	310	185	2,481	13,345	
65 years and over	56,225	31,610	20,365	11,885	5,455	1,030	650	425	315	245	80	45	45	50	25	60	55	428	4,250	
Unrelated individuals	188,380	36,855	137,825	29,225	31,810	16,825	13,600	14,785	11,930	8,270	3,820	2,700	1,720	1,410	660	505	565	1,234	13,700	
Inmates of institutions	22,555	6,545	1,940	845	725	180	90	35	45	5	10	5	...	...	...	...	...	586	14,070
RURAL FARM																				
Male	263,070	41,515	203,920	30,340	30,745	26,140	22,195	23,275	19,545	18,675	10,720	7,360	3,905	4,860	2,495	2,255	1,410	1,832	17,635	
In families	245,925	39,195	190,660	26,045	26,655	24,900	21,225	22,520	19,025	18,250	10,525	7,220	3,890	4,750	2,450	2,230	1,375	1,927	16,070	
Head	162,065	8,460	144,640	11,700	17,630	18,875	17,135	18,045	15,580	15,565	9,495	6,720	3,615	4,535	2,275	2,140	1,330	2,193	8,965	
Wife of head	152,085	7,330	136,525	10,160	15,910	17,645	16,165	17,285	15,075	15,115	9,150	6,545	3,515	4,400	2,215	2,070	1,275	2,242	8,230	
Other marital status	9,890	1,130	8,115	1,540	1,720	1,230	970	760	505	450	345	175	100	135	60	70	55	1,324	735	
Relative of head	83,860	30,735	46,020	14,345	9,025	5,625	4,090	4,475	3,445	2,685	1,030	500	275	215	175	90	45	980	7,105	
14 to 19 years	37,700	22,335	11,665	7,920	1,930	735	405	345	185	90	15	10	10	10	10	5	...	368	3,680	
20 to 64 years	40,380	5,910	31,415	4,965	6,320	4,590	3,565	4,010	3,225	2,555	985	490	235	190	155	85	45	1,482	3,055	
65 years and over	5,780	2,470	2,940	1,460	775	300	120	120	35	40	30	5	30	15	10	...	...	506	370
Unrelated individuals	17,145	2,320	13,260	4,295	4,090	1,640	970	755	520	425	195	140	15	110	45	25	35	785	1,565	
Inmates of institutions
Female	230,815	157,835	57,485	25,210	10,925	6,040	5,180	5,240												

Table 91.—INCOME IN 1949 OF PERSONS, BY WEEKS WORKED IN 1949 AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

(Based on 20-percent sample. Median not shown where base is less than 500)

Area, farm residence, weeks worked, and sex	Total, 14 years old and over	Persons without income	Persons with income														Income not reported		
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999		\$10,000 and over	Median income (dol.)
THE STATE																			
Total	4,676,805	1,540,380	2,809,385	406,730	301,585	222,285	223,265	290,940	302,690	360,560	216,715	150,515	88,610	108,770	45,250	44,065	40,425	2,419	327,040
Did not work in 1949	1,816,065	1,470,360	304,015	127,335	93,485	32,780	15,120	10,495	5,640	5,125	2,705	2,295	1,300	2,415	1,315	1,600	2,405	632	41,690
Worked in 1949	2,559,565	46,995	2,446,075	268,700	199,975	190,160	203,445	274,770	291,720	349,535	210,810	146,055	85,875	104,490	42,875	41,280	36,385	2,647	66,495
1 to 13 weeks	223,620	8,740	215,945	154,860	35,760	13,185	5,540	2,970	1,150	1,065	535	400	170	295	205	245	185	349	3,935
14 to 26 weeks	234,245	4,840	224,495	51,945	70,985	46,775	26,465	13,250	6,530	3,375	1,530	1,025	570	665	370	440	470	925	4,910
27 to 39 weeks	226,680	2,590	221,965	13,875	29,350	36,355	41,210	40,265	26,050	15,910	6,840	3,910	1,885	1,880	710	820	605	1,868	4,325
40 to 49 weeks	448,075	3,195	436,745	9,610	15,735	26,960	37,265	64,875	82,045	90,835	43,505	25,530	14,335	13,590	4,585	4,045	3,840	2,890	8,135
50 to 52 weeks	1,421,945	27,630	1,349,125	38,410	48,145	66,885	92,965	152,610	175,945	238,150	158,420	115,190	69,115	88,060	37,005	35,730	31,295	3,207	45,190
Work in 1949 not rptd	301,175	23,025	59,295	10,695	8,125	6,345	4,700	5,675	5,330	3,880	3,200	2,165	1,435	1,865	1,060	1,185	1,635	1,977	218,855
Male																			
Total	2,327,805	244,420	1,921,530	150,845	146,900	125,945	125,265	182,760	224,830	316,190	200,685	140,610	82,670	103,130	42,755	41,440	37,500	3,007	161,855
Did not work in 1949	349,810	221,015	117,905	35,760	40,360	15,845	7,380	5,215	2,975	2,900	1,690	1,265	810	1,240	640	775	1,050	787	10,890
Worked in 1949	1,830,675	18,530	1,762,515	110,245	101,745	105,795	114,905	173,530	217,695	308,360	196,180	137,415	80,610	100,245	41,190	39,595	35,000	3,093	49,635
1 to 13 weeks	101,365	2,155	97,420	54,570	22,875	10,445	4,565	1,820	895	835	405	280	135	205	125	135	135	446	1,785
14 to 26 weeks	131,285	2,170	126,255	18,980	31,485	30,440	21,005	11,535	5,745	3,135	1,260	875	305	545	280	310	355	1,208	2,860
27 to 39 weeks	147,920	1,005	143,940	6,060	10,905	18,705	28,355	30,530	21,105	13,950	5,995	3,240	1,570	1,675	600	735	515	2,130	2,975
40 to 49 weeks	343,420	1,375	335,780	4,710	6,260	10,710	19,415	45,060	66,520	83,005	40,585	23,270	12,115	12,480	4,215	3,785	3,650	3,092	6,265
50 to 52 weeks	1,106,625	11,825	1,059,110	25,925	30,220	35,495	41,565	84,585	122,430	207,435	147,935	109,750	66,485	85,340	35,970	34,630	30,345	3,454	35,750
Work in 1949 not rptd	147,320	4,875	41,115	4,840	4,795	4,305	2,980	4,015	4,160	4,935	2,815	1,930	1,250	1,645	925	1,070	1,450	2,453	101,330
Female																			
Total	2,349,000	1,295,960	887,855	255,885	154,685	103,340	98,000	108,180	77,860	44,345	16,030	9,905	5,940	5,640	2,495	2,625	2,925	1,161	165,185
Did not work in 1949	1,466,255	1,249,345	186,110	91,575	53,125	16,935	7,740	5,280	2,665	2,225	1,015	1,030	490	1,175	675	825	1,355	514	30,800
Worked in 1949	728,890	28,465	683,565	158,455	98,230	84,365	88,540	101,240	74,025	41,175	14,630	8,640	5,265	4,245	1,685	1,685	1,385	1,504	16,860
1 to 13 weeks	127,255	6,585	118,520	100,290	12,885	2,740	975	550	255	230	110	120	35	90	80	110	50	295	2,150
14 to 26 weeks	102,960	2,670	98,240	32,965	39,500	16,335	5,460	1,815	785	440	270	150	65	120	90	130	115	704	2,050
27 to 39 weeks	78,760	1,585	75,825	7,815	18,445	17,650	12,855	9,835	4,945	1,960	845	670	315	205	110	85	90	1,330	1,350
40 to 49 weeks	104,655	1,820	100,965	4,900	9,475	16,250	17,850	19,815	15,525	7,830	2,920	2,260	2,220	1,110	370	260	180	2,051	1,870
50 to 52 weeks	315,260	15,805	290,015	12,485	17,925	31,390	51,400	69,225	52,515	30,715	10,485	5,440	2,630	2,720	1,035	1,100	950	2,230	9,440
Work in 1949 not rptd	153,855	18,150	18,180	5,855	3,330	2,040	1,720	1,660	1,170	945	385	235	185	220	135	115	185	986	117,525
URBAN AND RURAL NONFARM																			
Total	4,182,920	1,341,030	2,547,980	351,180	259,915	197,105	195,890	262,425	280,795	340,600	205,610	142,850	84,600	103,735	42,635	41,720	38,920	2,513	293,910
Did not work in 1949	1,598,580	1,294,655	269,145	112,070	84,325	28,900	13,030	9,055	4,835	4,470	2,340	1,950	1,120	2,135	1,170	1,445	2,300	633	36,780
Worked in 1949	2,314,035	28,885	2,227,680	230,570	168,875	162,825	178,915	248,485	271,225	330,810	200,365	138,895	82,090	99,920	40,495	39,175	35,035	2,724	57,470
1 to 13 weeks	205,270	6,850	194,970	138,665	33,075	12,270	5,085	2,070	1,030	960	460	355	155	265	195	220	165	352	3,450
14 to 26 weeks	214,035	3,110	206,445	46,555	65,360	43,300	24,790	12,510	6,065	3,370	1,380	955	335	625	350	405	445	934	4,480
27 to 39 weeks	209,260	1,875	203,520	12,430	26,560	33,375	38,355	37,570	24,490	15,055	6,495	3,670	1,795	1,740	640	760	585	1,883	3,865
40 to 49 weeks	425,080	2,520	415,050	8,365	14,040	24,610	34,230	61,135	78,940	88,035	42,090	24,620	13,875	13,140	4,405	3,860	3,705	2,913	7,510
50 to 52 weeks	1,260,390	14,530	1,207,695	24,555	29,840	49,270	76,455	135,200	160,700	223,390	149,940	109,295	65,930	84,150	34,905	33,930	30,135	3,286	38,165
Work in 1949 not rptd	270,305	19,490	31,155	8,540	6,715	5,380	3,945	4,885	4,735	5,320	2,905	1,390	1,680	970	1,100	1,585	2,120	199,660	
Male																			
Total	2,064,735	202,905	1,717,610	120,505	116,155	99,805	103,070	159,485	205,285	297,520	189,965	133,250	78,765	98,270	40,260	39,185	36,090	3,092	144,220
Did not work in 1949	300,415	190,990	99,985	29,940	35,465	13,415	5,920	4,225	2,350	2,420	1,390	1,005	655	1,015	545	650	990	783	9,440
Worked in 1949	1,629,605	7,810	1,582,705	87,005	76,885	82,875	94,780	151,915	199,305	290,665	186,025	130,460	76,905	95,770	37,545	37,700	33,700	3,170	42,090
1 to 13 weeks	89,855	1,295	87,080	47,895	21,000	9,685	4,175	1,560	780	745	360	240	120	175	120	110	115	455	1,480
14 to 26 weeks	118,255	1,245	114,440	16,310	28,190	27,805	19,525	10,755	5,305	2,940	1,130	815	275	510	260	285	335	1,229	2,570
27 to 39 weeks	136,275	650	132,990	5,160	9,275	16,670	26,335	28,820	20,035	13,205	5,680	3,050	1,495	1,550	540	680	495	2,157	2,635
40 to 49 weeks	324,540	975	317,790	3,750	4,955	9,110	17,225	42,590	63,770	80,420	39,215	22,410	11,685	12,055	4,040	3,600	3,525	3,112	5,775
50 to 52 weeks	963,580	3,545	930,405	13,890	15,465	19,605	27,520	68,050	109,415	193,355	139,640	103,045	63,330	81,480	33,910	32,870	29,230	2,569	29,630
Work in 1949 not rptd	131,715	4,105	34,920	3,560	3,805	3,515	2,370	3,345	3,630	4,435	2,550	1,785	1,205	1,485	845	990	1,400	2,619	92,690
Female																			
Total	2,118,185	1,138,125	830,370	230,675	143,760	97,300	92,820	102,940	75,510	43,080	15,645	9,600	5,835	5,465	2,375	2,535	2,830	1,209	149,690
Did not work in 1949	1,298,165	1,101,665	169,160	82,130	48,860	15,485	7,110	4,830	2,485	2,050	950	945	465	1,120	625	795	1,310	525	27,340
Worked in 1949	681,430	21,075	644,975	143,565	91,990	79,950	84,135	96,570	71,920	40,145	14,340	8,335	5,185	4,150	1,625	1,630	1,335	1,541	15,380
1 to 13 weeks	115,415	5,555	107,990	90,770	12,075	2,585	910	510	250	215	100	115	35	90	75	110			

DETAILED CHARACTERISTICS

Table 91.—INCOME IN 1949 OF PERSONS, BY WEEKS WORKED IN 1949 AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. Median not shown where base is less than 500]

Area, farm residence, weeks worked, and sex	Total, 14 years old and over	Persons without income	Persons with income																Income not reported
			Total	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over	Median income (dol.)	
STANDARD METROPOLITAN AREAS																			
DETROIT																			
Total	2,258,160	736,385	1,383,475	151,090	115,255	92,030	95,795	137,850	160,280	207,825	125,310	90,870	54,600	69,680	29,060	28,060	25,770	2,811	138,300
Did not work in 1949	850,990	715,680	117,560	48,085	33,535	12,905	6,245	4,440	2,520	2,555	1,300	1,075	630	1,260	640	925	1,445	659	17,750
Worked in 1949	1,281,400	11,250	1,241,660	99,585	79,015	77,100	87,870	131,110	155,365	202,080	122,420	88,610	53,155	67,390	27,900	26,525	23,535	2,970	28,490
1 to 13 weeks	87,755	1,110	85,170	59,905	15,655	4,790	1,950	960	485	470	250	200	80	110	115	120	80	355	1,475
14 to 26 weeks	109,415	1,330	105,830	20,505	32,170	23,095	13,925	7,440	3,800	2,205	765	625	205	360	205	240	290	1,005	2,255
27 to 39 weeks	113,460	850	110,680	5,120	12,020	15,840	20,385	22,110	15,585	9,795	4,080	2,340	1,110	1,140	420	315	2,045	1,935	4,075
40 to 49 weeks	274,475	1,170	269,230	3,780	6,180	11,905	16,265	35,765	54,220	65,000	29,825	17,620	10,490	10,025	3,250	2,560	2,345	3,050	4,775
50 to 52 weeks	696,290	6,790	670,750	10,275	12,990	21,470	35,345	64,835	81,275	124,610	87,500	67,825	41,270	55,755	23,910	23,185	20,505	3,438	18,750
Work in 1949 not rptd.	125,770	9,455	24,255	3,420	2,705	2,025	1,680	2,300	2,395	3,190	1,590	1,185	815	1,030	520	610	790	2,499	92,060
Male																			
Total	1,122,535	107,190	947,095	48,600	47,035	42,870	46,650	77,785	111,840	178,430	115,070	84,700	50,185	66,025	27,520	26,475	23,910	3,277	68,250
Did not work in 1949	443,605	39,035	10,930	12,560	5,200	2,460	1,865	1,155	1,270	755	525	335	610	320	440	610	842	4,060	
Worked in 1949	917,120	4,470	891,410	36,200	33,180	36,520	43,320	74,375	108,865	174,475	112,890	83,100	49,155	64,500	26,760	25,475	22,595	3,325	21,240
1 to 13 weeks	36,065	480	34,940	18,835	8,985	3,470	1,580	695	370	365	195	135	55	70	50	55	464	645	
14 to 26 weeks	59,370	650	57,445	6,870	12,340	14,055	10,475	6,260	3,275	1,935	665	555	160	310	175	160	210	1,338	1,275
27 to 39 weeks	76,645	310	74,995	2,190	3,770	7,040	13,375	17,165	13,495	9,040	3,775	2,125	1,950	1,060	365	260	2,324	1,340	
40 to 49 weeks	214,560	550	210,825	1,845	2,025	3,900	7,060	23,515	43,705	59,545	27,960	16,090	8,520	9,110	2,955	2,380	2,215	3,796	3,185
50 to 52 weeks	530,480	2,480	513,205	6,460	6,060	8,055	10,830	26,740	48,250	103,590	80,295	64,195	39,470	53,940	23,195	22,500	19,855	3,792	14,795
Work in 1949 not rptd.	61,810	2,310	16,650	1,470	1,295	1,150	870	1,545	1,820	2,685	1,425	1,075	695	915	440	560	705	3,033	42,950
Female																			
Total	1,135,625	629,195	436,380	102,490	68,220	49,160	49,145	60,065	48,440	29,395	10,240	6,170	4,415	3,655	1,540	1,585	1,860	1,483	70,050
Did not work in 1949	707,385	615,170	78,525	37,155	20,975	7,705	3,785	2,575	1,365	1,285	545	550	295	650	320	485	835	550	13,690
Worked in 1949	364,280	6,780	350,250	63,385	45,835	40,580	44,550	56,735	46,500	27,605	9,535	5,510	4,000	2,890	1,140	1,050	940	1,784	7,250
1 to 13 weeks	51,690	630	50,230	41,070	6,670	1,320	370	265	115	105	55	65	25	30	45	70	25	306	830
14 to 26 weeks	50,045	680	48,385	13,635	19,830	9,040	3,450	1,180	525	270	100	70	45	50	30	80	80	766	980
27 to 39 weeks	36,820	540	35,685	2,930	8,290	8,800	7,010	4,945	2,090	755	305	215	160	80	55	35	55	1,379	595
40 to 49 weeks	59,915	620	58,405	1,935	4,155	8,005	9,205	12,250	10,515	5,435	1,865	1,530	1,970	915	295	180	130	2,241	890
50 to 52 weeks	163,810	4,310	157,545	3,815	6,930	13,415	24,515	38,095	33,255	21,020	7,205	3,630	1,800	1,815	715	685	650	2,395	3,955
Work in 1949 not rptd.	63,960	7,245	7,605	1,950	1,410	875	810	755	505	165	110	110	120	115	80	50	85	1,253	49,110
FLINT																			
Total	195,435	58,375	112,845	12,065	9,400	7,210	6,915	9,205	11,550	20,140	13,070	8,225	4,815	5,330	1,925	1,630	1,365	3,002	24,215
Did not work in 1949	67,405	56,035	8,070	3,050	2,860	935	395	280	130	85	75	50	25	40	55	30	60	672	3,300
Worked in 1949	108,170	1,570	103,400	8,780	6,365	6,135	6,385	8,600	11,295	19,895	12,910	8,110	4,770	5,255	1,840	1,585	1,275	3,099	3,200
1 to 13 weeks	6,840	225	6,395	4,610	1,070	285	155	70	55	45	20	20	10	15	10	5	25	347	220
14 to 26 weeks	9,050	240	8,550	2,110	2,990	1,610	875	530	300	100	70	45	15	40	15	25	28	618	260
27 to 39 weeks	8,085	80	7,815	600	970	1,115	1,445	1,305	1,020	560	330	195	110	85	35	40	5	1,923	190
40 to 49 weeks	19,680	130	19,105	335	485	865	1,205	2,455	3,115	4,760	2,495	1,470	710	610	215	180	205	3,115	440
50 to 52 weeks	64,515	890	61,595	1,125	1,290	2,060	2,705	4,440	6,605	14,430	9,995	6,380	3,925	4,505	1,565	1,335	1,015	3,429	2,090
Work in 1949 not rptd.	19,860	770	1,375	235	175	140	135	125	125	160	85	65	20	35	30	15	30	2,010	17,715
Male																			
Total	98,080	8,620	82,815	4,715	4,115	3,565	3,765	5,445	7,740	18,655	12,470	7,830	4,675	5,165	1,840	1,540	1,295	3,323	6,645
Did not work in 1949	41,330	7,970	3,260	1,000	1,205	390	160	160	70	60	55	30	25	30	25	5	45	761	690
Worked in 1949	81,375	545	78,655	3,625	2,795	3,105	3,500	5,230	7,995	18,450	12,335	7,550	4,630	5,100	1,790	1,525	1,225	3,365	2,175
1 to 13 weeks	2,895	85	1,625	595	225	115	50	35	35	20	5	5	5	15	5	...	20	423	60
14 to 26 weeks	4,995	50	4,810	845	1,090	1,150	700	485	275	95	60	25	10	30	5	15	25	1,204	135
27 to 39 weeks	5,080	20	4,960	300	305	515	1,005	1,010	835	455	230	100	70	65	25	35	5	2,176	100
40 to 49 weeks	15,665	50	15,275	135	130	265	605	1,485	2,425	4,530	2,425	1,405	700	975	210	180	200	3,286	340
50 to 52 weeks	52,740	340	50,860	720	675	950	1,075	2,200	4,025	13,335	9,600	6,215	3,840	4,415	1,545	1,295	970	3,628	1,540
Work in 1949 not rptd.	4,785	105	900	90	115	70	105	55	75	145	80	50	20	35	25	10	25	2,600	3,780
Female																			
Total	97,355	49,755	30,030	7,350	5,285	3,645	3,150	3,760	3,810	1,485	600	395	140	165	85	90	70	1,326	17,570
Did not work in 1949	55,485	48,065	4,810	2,050	1,655	545	235	120	60	25	20	20	...	10	30	25	15	607	2,610
Worked in 1949	26,795	1,025	24,745	5,155	3,570	3,030	2,885	3,570	3,700	1,445	575	360	140	155	50	60	50	1,607	1,025
1 to 13 weeks	3,945	140	3,645	2,985	475	60	40	20	10	...	...	...	...	...	...	...	...	5	305
14 to 26 weeks	4,445	30	4,415	1,500	660	175	45	25	5	10	20	5	10	10	10	...	...	702	125
27 to 39 weeks	3,005	60	2,895	300	665	600	440	295	185	105	100	95	35	20	10	5	...	1,385	90
40 to 49 weeks	4,015	85	3,830	200	395	600	600	970	690	230	70	65	10	35	5	...	...	2,082	100
50 to 52 weeks	11,775	550	10,675	405	575	1,110	1,630	2,240	2,780	1,095	395	165	85	90	20	40	45	2,361	550
Work in 1949 not rptd.	15,075	665	475	145	60	70	30	70	50	15	5	15	...	...	...	...	5	...	13,935
GRAND RAPIDS</																			

Table 92.—INCOME IN 1949 OF PERSONS, BY CLASS OF WORKER AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

[Based on 20-percent sample. Median not shown where base is less than 500]

Area, farm residence, class of worker, and sex	Total (includes persons without income)	Persons with income														Income not reported		
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999		\$10,000 and over	Median income (dol.)
THE STATE																		
Total, 14 years old and over.....	4,676,805	2,809,385	406,730	301,585	229,285	223,265	290,940	302,690	360,540	216,715	150,515	88,610	108,770	45,250	44,065	40,425	2,419	327,040
Experienced civilian labor force.....	2,494,170	2,244,605	159,985	161,740	166,525	187,630	265,550	286,535	347,170	210,350	145,690	86,130	104,885	43,200	41,735	37,480	2,816	115,895
Private wage and salary workers.....	1,949,935	1,773,470	123,960	121,485	124,845	146,970	211,390	234,840	294,320	172,270	117,180	68,390	80,965	31,765	27,090	18,000	2,837	83,195
Government workers.....	203,210	189,155	8,755	9,690	11,215	13,005	25,230	28,980	29,460	23,005	15,475	9,780	8,180	2,890	2,395	1,095	2,960	7,030
Self-employed workers.....	314,910	273,495	23,025	28,860	29,530	27,150	28,580	22,500	23,175	14,985	12,970	7,935	15,695	8,510	12,205	18,375	2,493	24,180
Unpaid family workers.....	26,115	8,485	4,245	1,705	935	505	350	215	215	90	65	25	45	35	45	10	500	1,490
Not in exper. civilian labor force.....	2,182,635	564,780	246,745	139,845	62,760	35,635	25,390	16,155	13,370	6,365	4,825	2,480	3,885	2,050	2,330	2,945	627	211,145
Male, 14 years old and over.....																		
Experienced civilian labor force.....	1,852,235	1,708,290	81,650	91,235	97,280	108,900	170,540	216,605	307,960	196,455	137,640	81,045	100,960	41,625	40,220	36,175	3,143	85,070
Private wage and salary workers.....	1,434,835	1,336,620	58,030	61,275	65,560	78,310	132,100	179,100	264,760	163,860	113,170	66,665	79,040	30,925	26,340	17,395	3,177	59,085
Government workers.....	123,580	117,725	2,960	4,145	5,095	5,990	12,105	16,275	21,255	18,340	12,110	6,855	6,895	2,525	2,175	1,000	3,289	3,955
Self-employed workers.....	279,775	247,760	17,510	24,535	25,845	24,240	26,115	21,060	21,795	14,210	12,320	7,515	15,015	8,150	11,680	17,770	2,634	21,255
Unpaid family workers.....	14,045	6,185	3,150	1,280	690	360	220	170	150	45	40	10	10	25	10	491	775	5,490
Not in exper. civilian labor force.....	475,370	213,240	69,195	55,665	28,665	16,365	12,220	8,225	8,235	4,230	2,970	1,625	2,170	1,130	1,220	1,325	836	76,785
Female, 14 years old and over.....																		
Experienced civilian labor force.....	2,349,000	2,136,315	255,885	154,685	133,340	98,000	108,180	77,860	44,345	16,030	9,905	5,940	5,640	2,495	2,625	2,925	1,161	165,185
Private wage and salary workers.....	1,841,935	1,678,970	78,335	70,505	69,245	78,730	95,010	69,930	39,210	13,895	8,050	5,085	3,925	1,575	1,515	1,305	1,818	30,825
Government workers.....	515,100	436,850	65,930	60,210	59,195	68,660	79,290	55,740	29,560	8,410	4,010	1,725	1,925	840	750	605	1,741	24,110
Self-employed workers.....	79,630	71,430	5,795	5,545	6,120	7,015	13,125	12,705	8,205	4,665	3,365	2,925	1,285	365	220	92	3,428	3,075
Unpaid family workers.....	35,135	25,735	5,515	4,325	3,685	2,910	2,465	1,440	1,380	775	650	420	360	360	525	605	1,411	2,925
Not in exper. civilian labor force.....	12,070	2,300	1,095	425	245	145	130	45	65	45	25	15	35	10	20	...	565	715
Not in exper. civilian labor force.....	1,707,065	351,540	177,550	84,180	34,095	19,270	13,170	7,930	5,135	2,135	1,855	855	1,715	920	1,110	1,620	495	134,360
URBAN AND RURAL NONFARM																		
Total, 14 years old and over.....	4,182,920	2,547,980	351,180	259,915	197,105	195,890	262,425	280,795	340,600	205,610	142,850	84,600	103,735	42,635	41,720	38,920	2,513	293,910
Experienced civilian labor force.....	2,243,230	2,035,345	132,385	131,935	139,385	162,920	238,685	265,485	328,010	199,595	138,315	82,235	100,090	40,715	39,520	36,070	2,900	101,135
Private wage and salary workers.....	1,840,560	1,678,970	111,565	110,685	115,485	137,285	199,210	223,485	282,695	165,955	112,995	66,205	78,645	30,755	26,410	17,595	2,870	77,230
Government workers.....	192,050	179,220	8,105	8,950	10,495	11,900	22,700	27,260	28,405	22,475	15,090	9,605	8,045	2,810	2,320	1,060	3,004	6,410
Self-employed workers.....	201,630	174,595	11,800	11,870	13,015	13,555	16,615	14,615	16,765	11,105	10,195	6,410	13,360	7,130	10,755	17,405	3,174	16,910
Unpaid family workers.....	8,990	2,560	915	430	390	180	160	125	145	60	35	15	40	20	35	10	924	585
Not in exper. civilian labor force.....	1,939,690	512,635	218,795	127,980	57,720	32,970	23,740	15,130	12,590	6,015	4,535	2,365	3,645	1,920	2,200	2,890	647	192,775
Male, 14 years old and over.....																		
Experienced civilian labor force.....	2,064,735	1,717,610	120,505	116,155	99,720	103,070	159,485	205,285	297,520	189,965	133,250	78,785	98,270	40,260	39,185	36,090	3,092	144,220
Private wage and salary workers.....	1,639,355	1,524,775	60,480	65,970	73,540	87,965	148,085	197,495	289,715	185,955	130,460	77,210	96,250	39,190	38,045	34,815	3,223	72,665
Government workers.....	1,348,885	1,259,720	50,120	53,370	58,835	71,470	122,705	168,875	253,715	157,885	109,050	64,500	76,765	29,945	25,675	17,010	3,206	54,615
Self-employed workers.....	117,710	112,320	2,765	3,825	4,725	5,545	11,015	15,260	20,485	17,875	11,820	6,710	6,770	2,450	2,100	975	3,118	6,625
Unpaid family workers.....	170,125	151,385	7,115	8,170	9,745	10,870	14,295	13,275	15,425	10,365	9,565	6,000	12,705	6,785	10,250	16,820	3,996	14,245
Not in exper. civilian labor force.....	425,380	192,835	60,025	50,585	26,265	15,105	11,400	7,790	7,805	4,010	2,790	1,555	2,020	1,070	1,140	1,275	396	17,555
Female, 14 years old and over.....																		
Experienced civilian labor force.....	2,118,185	1,939,675	230,675	143,760	97,300	92,820	102,940	75,510	43,080	15,645	9,600	5,835	5,465	2,375	2,535	2,890	1,209	149,690
Private wage and salary workers.....	1,639,355	1,524,775	60,480	65,970	73,540	87,965	148,085	197,495	289,715	185,955	130,460	77,210	96,250	39,190	38,045	34,815	3,223	72,665
Government workers.....	491,675	419,250	61,445	57,315	56,550	65,815	76,505	54,610	28,980	8,270	3,945	1,705	1,880	810	735	585	1,760	22,615
Self-employed workers.....	74,340	66,900	5,340	5,125	5,770	6,355	11,685	12,000	7,920	4,600	3,270	2,895	1,275	360	220	85	2,465	2,785
Unpaid family workers.....	31,505	23,210	4,685	3,700	3,270	2,620	2,320	1,340	1,340	740	630	410	655	345	505	585	1,492	2,665
Not in exper. civilian labor force.....	6,355	1,210	435	225	155	100	90	40	55	30	10	15	30	10	15	...	878	405
Not in exper. civilian labor force.....	1,514,310	219,800	158,770	77,395	31,455	17,865	12,340	7,520	4,785	2,005	1,745	810	1,625	850	1,060	1,575	507	121,220
RURAL FARM																		
Total, 14 years old and over.....	493,885	261,405	55,550	41,670	32,180	27,375	28,515	21,895	19,940	11,105	7,665	4,010	5,035	2,615	2,345	1,505	1,524	33,130
Experienced civilian labor force.....	250,940	209,260	27,600	29,805	27,140	24,710	26,865	21,090	19,160	10,755	7,375	3,895	4,795	2,485	2,215	1,410	1,906	14,760
Private wage and salary workers.....	109,375	94,900	12,395	10,800	9,360	9,685	12,180	11,355	11,625	6,315	4,185	2,185	2,320	1,010	680	405	2,206	5,965
Government workers.....	11,160	9,935	650	740	720	1,105	2,530	2,720	1,055	530	385	175	135	80	75	35	3,246	620
Self-employed workers.....	113,280	98,900	11,225	16,990	16,515	13,595	11,965	7,885	6,410	3,880	2,775	1,525	2,335	1,380	1,450	970	1,674	7,270
Unpaid family workers.....	17,125	5,925	3,330	1,275	545	325	190	90	70	30	20	10	5	15	10	...	445	305
Not in exper. civilian labor force.....	242,945	52,145	27,950	11,865	5,040	2,665	1,650	845	780	350	290	115	240	130	130	95	466	18,370
Male, 14 years old and over.....																		
Experienced civilian labor force.....	263,070	203,920	30,340	30,745	26,140	22,195	23,275	19,545	18,675	10,720	7,360	3,905	4,860	2,490	2,255	1,410	1,832	17,635
Private wage and salary workers.....	212,880	183,510	21,170	25,665	23,740	20,935	22,455	19,110	18,245	10,500	7,180	3,835	4,710	2,435	2,175	1,360	2,006	12,405
Government workers.....	85,990	76,900	7,910	7,905	6,815	6,840	9,395	10,225	11,045	6,175	4,120	2,165	2,275	980	665	385	2,478	4,470
Self-employed workers.....	5,870	5,405	195	320	370	445	1,090	1,015	770	465	290	145	125	75	25	23	639	330
Unpaid family workers.....	109,650	96,375	10,395	16,365	16,100	13,370	11,820	7,785	6,370	3,845	2,755	1,515						

DETAILED CHARACTERISTICS

22-345

Table 92.—INCOME IN 1949 OF PERSONS, BY CLASS OF WORKER AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

[Based on 20-percent sample. Median not shown where base is less than 600]

Area, farm residence, class of worker, and sex	Total (includes persons without income)	Persons with income															Income not reported	
		Total	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$10,000 and over		Median income (dol.)
STANDARD METROPOLITAN AREAS—Con.																		
FLINT																		
Total, 14 years old and over.....	195,435	112,845	12,065	9,400	7,210	6,915	9,205	11,550	20,140	13,070	8,225	4,815	5,330	1,925	1,630	1,365	3,002	24,215
Experienced civilian labor force.....	110,770	99,230	6,540	5,420	5,655	6,070	8,630	11,250	19,910	12,940	8,120	4,755	5,240	1,870	1,555	1,275	3,152	5,185
Private wage and salary workers.....	94,525	85,520	5,565	4,490	4,605	5,055	7,255	9,650	18,140	11,545	7,260	4,330	4,495	1,585	1,030	515	3,169	4,075
Government workers.....	5,975	5,435	320	220	395	345	635	905	975	740	450	180	180	35	30	25	2,943	230
Self-employed workers.....	9,800	8,195	620	700	635	665	735	695	795	655	410	245	565	250	490	735	3,030	840
Unpaid family workers.....	470	80	35	10	20	5	5	...	...	...	...	...	...	...	...	...	...	40
Not in exper. civilian labor force.....	84,665	13,615	5,525	3,980	1,555	845	575	300	230	130	105	60	90	55	75	90	661	19,030
Male, 14 years old and over.....																		
Experienced civilian labor force.....	98,080	82,815	4,715	4,115	3,565	3,765	5,445	7,740	18,655	12,470	7,830	4,675	5,165	1,840	1,540	1,295	3,323	6,645
Private wage and salary workers.....	83,640	77,980	3,300	2,700	2,965	3,430	5,150	7,565	18,460	12,365	7,770	4,615	5,080	1,815	1,510	1,225	3,375	3,210
Government workers.....	72,350	67,870	2,755	2,145	2,370	2,740	4,265	6,510	17,035	11,225	7,085	4,260	4,425	1,550	1,010	495	3,386	2,475
Self-employed workers.....	2,975	2,900	100	60	110	130	240	400	705	525	295	125	140	20	30	20	3,291	50
Unpaid family workers.....	8,120	7,150	420	490	470	595	640	655	750	615	390	230	515	245	465	710	3,230	670
Not in exper. civilian labor force.....	14,440	4,835	1,415	1,415	600	335	295	175	165	105	60	60	85	25	30	70	854	3,435
Female, 14 years old and over.....																		
Experienced civilian labor force.....	97,355	30,030	7,350	5,285	3,645	3,150	3,760	3,810	1,485	600	395	140	165	85	90	70	1,326	17,570
Private wage and salary workers.....	27,130	21,250	3,240	2,720	2,690	2,640	3,480	3,685	1,420	575	350	140	160	55	45	50	1,874	1,975
Government workers.....	22,175	17,650	2,810	2,345	2,235	2,315	2,990	3,140	1,105	320	175	70	70	35	20	20	1,810	1,600
Self-employed workers.....	3,000	2,535	220	160	285	215	395	505	270	215	155	40	15	...	...	5	2,491	180
Unpaid family workers.....	1,680	1,045	200	210	165	110	95	40	45	40	20	15	50	5	25	25	1,341	170
Not in exper. civilian labor force.....	275	20	10	5	5	...	...	...	...	...	...	...	...	...	...	...	...	25
Total, 14 years old and over.....	70,225	8,780	4,110	2,565	955	510	280	125	65	25	45	...	5	30	45	20	555	15,595
GRAND RAPIDS																		
Total, 14 years old and over.....	213,325	131,115	20,475	15,545	10,535	10,960	13,535	13,685	15,570	9,655	7,045	3,710	4,630	1,800	1,900	2,070	2,297	16,100
Experienced civilian labor force.....	117,170	103,615	7,965	7,865	7,655	9,475	12,490	13,035	15,195	9,465	6,880	3,645	4,490	1,695	1,805	1,955	2,744	7,880
Private wage and salary workers.....	95,960	85,675	6,755	6,640	6,435	8,010	10,550	11,050	12,915	7,890	5,670	3,035	3,495	1,205	1,125	940	2,701	5,830
Government workers.....	6,345	5,810	280	285	240	355	725	925	1,060	825	565	220	160	70	30	30	3,045	310
Self-employed workers.....	14,215	11,930	870	885	955	1,095	1,210	1,050	1,210	790	640	390	825	420	605	985	2,952	1,695
Unpaid family workers.....	650	200	60	55	25	15	5	10	10	...	5	...	10	...	...	...	...	45
Not in exper. civilian labor force.....	96,155	27,500	12,510	7,680	2,880	1,485	1,045	650	375	190	165	65	140	105	95	115	581	8,220
Male, 14 years old and over.....																		
Experienced civilian labor force.....	102,975	85,080	6,885	6,765	5,100	5,190	7,945	10,475	13,865	8,920	6,545	3,505	4,425	1,700	1,805	1,945	3,006	8,445
Private wage and salary workers.....	84,240	76,200	3,905	3,880	3,950	4,655	7,480	10,185	13,680	8,855	6,475	3,465	4,350	1,650	1,760	1,910	3,148	5,825
Government workers.....	67,460	61,710	3,160	3,055	3,015	3,500	6,115	8,685	11,720	7,460	5,475	2,935	3,410	1,185	1,090	905	3,142	4,095
Self-employed workers.....	3,790	3,535	95	90	120	160	280	505	815	645	380	155	135	60	65	30	3,317	195
Unpaid family workers.....	12,710	10,830	610	705	800	980	1,080	990	1,140	750	615	375	805	405	600	975	3,110	1,520
Not in exper. civilian labor force.....	18,735	8,880	2,980	2,885	1,150	535	465	290	185	75	70	40	75	50	45	35	753	2,620
Female, 14 years old and over.....																		
Experienced civilian labor force.....	110,350	46,035	13,590	8,780	5,435	5,770	5,590	3,210	1,705	725	500	205	205	100	95	125	1,060	7,655
Private wage and salary workers.....	32,930	27,415	4,060	3,985	3,705	4,820	5,010	2,850	1,515	610	405	180	140	45	45	45	1,703	2,055
Government workers.....	28,500	23,965	3,595	3,585	3,420	4,510	4,435	2,365	1,195	390	195	100	85	20	35	35	1,653	1,735
Self-employed workers.....	2,555	2,275	185	195	120	195	445	420	245	180	185	65	25	10	5	...	2,497	115
Unpaid family workers.....	1,505	1,100	260	180	155	115	130	60	70	40	25	15	20	15	5	10	1,355	175
Not in exper. civilian labor force.....	370	75	20	25	10	...	...	5	5	...	...	...	10	...	...	...	...	30
Total, 14 years old and over.....	77,420	18,620	9,530	4,795	1,730	950	580	360	190	115	95	25	65	55	50	80	488	5,600

Table 93.—INCOME IN 1949 OF PERSONS, BY TYPE OF INCOME AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950

[Based on 20-percent sample. Median not shown where base is less than 500]

Area, farm residence, type of income, and sex	Total persons with income	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over	Median income (dol.)
THE STATE																
Total, 14 years old and over	2,809,385	406,730	301,585	229,285	223,265	290,940	302,690	360,540	216,715	150,515	88,610	108,770	45,250	44,065	40,425	2,419
Earnings only	2,117,455	270,590	180,025	162,400	174,350	248,385	260,470	307,305	171,825	116,230	65,875	78,885	31,110	27,835	22,170	2,544
Wages or salary only	1,846,320	239,500	151,060	134,175	149,870	219,225	236,380	282,355	156,505	103,065	57,935	64,680	23,595	17,980	9,995	2,562
Self-employment income only	200,925	26,230	24,690	23,115	19,245	18,785	13,840	15,650	9,685	8,925	5,270	10,910	5,690	7,945	10,945	2,191
Wages or salary and self-employment income	70,210	4,860	4,275	5,110	5,235	10,375	10,250	9,300	5,635	4,240	2,670	3,295	1,825	1,910	1,230	2,756
Earnings and income other than earnings	419,025	16,960	31,790	37,425	36,465	35,465	38,945	50,335	43,410	32,995	22,060	28,420	13,245	15,130	16,380	3,124
Wages or salary and other income	340,565	12,690	24,405	29,335	29,140	28,725	33,350	44,750	38,460	28,725	19,095	23,000	9,855	10,350	8,585	3,140
Self-employment income and other income	58,985	3,555	6,235	6,390	5,515	4,805	3,775	3,825	3,270	2,980	1,965	3,915	2,490	3,625	6,640	2,896
Wages or salary, self-empl. income, & oth. income	19,475	715	1,150	1,600	1,810	1,935	1,820	1,760	1,680	1,290	1,000	1,505	900	1,155	1,155	3,201
Other income, no earnings	272,905	119,180	89,770	29,460	12,450	7,090	3,275	2,900	1,480	1,290	675	1,465	895	1,100	1,875	596
Male, 14 years old and over																
Total, 14 years old and over	1,921,530	150,845	146,900	125,945	125,265	182,760	224,830	316,195	200,685	140,610	82,670	103,130	42,755	41,440	37,500	3,007
Earnings only	1,478,950	107,820	88,180	85,485	92,460	153,645	193,310	271,540	160,650	109,825	62,220	76,040	29,935	26,755	21,085	3,034
Wages or salary only	1,245,785	88,500	65,610	62,080	71,485	127,770	171,230	248,410	146,195	97,505	54,765	62,590	22,845	17,380	9,460	3,073
Self-employment income only	168,535	15,935	19,135	18,955	16,225	16,045	12,250	14,180	8,990	8,300	4,895	10,300	5,365	7,550	10,410	2,437
Wages or salary and self-employment income	64,630	3,385	3,435	4,450	4,750	9,830	9,830	8,950	5,465	4,020	2,560	3,190	1,725	1,825	1,215	2,829
Earnings and income other than earnings	340,305	8,715	20,005	26,385	27,020	26,175	30,150	43,405	39,300	30,230	20,100	26,505	12,430	14,210	15,675	3,365
Wages or salary and other income	272,690	5,955	14,755	20,075	20,845	20,395	25,135	38,345	34,765	26,290	17,390	21,480	9,280	9,745	8,235	3,381
Self-employment income and other income	49,915	2,220	4,380	4,905	4,535	3,995	3,325	3,430	2,950	2,710	1,745	3,645	2,315	3,400	6,360	3,223
Wages or salary, self-empl. income, & oth. income	17,700	540	870	1,405	1,640	1,785	1,690	1,630	1,585	1,230	965	1,380	835	1,065	1,080	3,282
Other income, no earnings	102,275	34,310	38,715	14,075	5,785	2,940	1,370	1,250	735	555	350	585	390	475	740	717
Female, 14 years old and over																
Total, 14 years old and over	887,855	255,885	154,685	103,340	98,000	108,180	77,860	44,345	16,030	9,905	5,940	5,640	2,495	2,625	2,925	1,161
Earnings only	638,505	162,770	91,845	76,915	81,890	94,740	67,160	33,765	11,175	6,405	3,655	2,845	1,175	1,080	1,085	1,420
Wages or salary only	600,535	151,000	85,450	72,095	78,385	91,455	65,150	33,945	10,310	5,560	3,170	2,130	750	600	535	1,443
Self-employment income only	32,390	10,295	5,555	4,160	3,020	2,740	1,590	1,470	695	625	375	610	325	395	535	1,041
Wages or salary and self-employment income	5,580	1,475	840	660	485	545	420	350	170	220	110	105	100	85	15	1,360
Earnings and income other than earnings	78,720	8,245	11,785	11,040	9,445	9,290	8,795	6,930	4,110	2,765	1,965	1,915	815	920	705	1,939
Wages or salary and other income	67,875	6,735	9,650	9,360	8,295	8,330	8,215	6,405	3,695	2,435	1,700	1,520	575	605	350	1,994
Self-employment income and other income	9,070	1,325	1,855	1,485	980	810	450	395	320	270	220	270	175	225	280	1,453
Wages or salary, self-empl. income, & oth. income	1,775	175	280	195	170	150	130	130	95	60	35	125	65	90	75	2,225
Other income, no earnings	170,630	84,870	51,055	15,385	6,665	4,150	1,905	1,650	745	735	325	880	505	625	1,135	504
URBAN AND RURAL NONFARM																
Total, 14 years old and over	2,547,980	351,180	259,915	197,105	195,890	262,425	280,795	340,600	205,610	142,850	84,600	103,735	42,635	41,720	38,920	2,513
Earnings only	1,914,865	230,185	150,005	137,335	152,280	224,495	242,440	290,635	162,860	110,205	62,650	75,020	29,150	26,130	21,275	2,630
Wages or salary only	1,742,050	212,145	137,750	124,335	139,910	206,370	225,900	272,620	152,010	100,355	56,685	63,290	23,170	17,685	9,815	2,612
Self-employment income only	125,225	14,685	10,030	10,455	9,805	10,370	8,595	11,105	7,370	7,025	4,335	9,345	4,750	6,960	10,395	2,923
Wages or salary and self-employment income	47,590	3,355	2,225	2,745	2,565	7,755	7,945	6,900	3,480	2,825	1,630	2,385	1,230	1,485	1,065	2,824
Earnings and income other than earnings	382,820	14,045	26,685	32,170	31,895	31,215	35,250	47,255	41,345	31,410	21,295	27,300	12,625	14,520	15,830	3,213
Wages or salary and other income	326,785	11,465	22,615	27,690	27,580	27,195	31,610	43,250	37,505	28,030	18,795	22,650	9,730	10,215	8,455	3,176
Self-employment income and other income	42,090	2,435	3,400	3,480	3,210	2,765	2,400	2,755	2,635	2,450	1,660	3,410	2,160	3,305	6,305	3,667
Wages or salary, self-empl. income, & oth. income	15,945	2,135	670	1,000	1,105	1,235	1,240	1,230	1,205	930	840	1,240	735	1,000	1,070	3,520
Other income, no earnings	250,295	106,950	83,225	27,400	11,715	6,715	3,105	2,730	1,405	1,235	655	1,415	860	1,070	1,815	609
Male, 14 years old and over																
Total, 14 years old and over	1,717,615	120,505	116,155	99,805	103,070	159,485	205,285	297,520	189,965	133,250	78,765	98,270	40,260	39,185	36,090	3,092
Earnings only	1,317,665	84,585	64,820	65,005	74,805	134,440	177,360	255,875	151,975	104,010	59,080	72,290	28,065	25,110	20,245	3,113
Wages or salary only	1,174,690	75,275	57,075	55,595	65,300	119,035	162,545	239,470	141,900	94,895	53,550	61,215	22,440	17,105	9,290	3,110
Self-employment income only	99,915	7,140	6,195	7,235	7,335	8,070	7,220	9,790	6,745	6,450	3,985	8,770	4,475	6,600	9,905	3,345
Wages or salary and self-employment income	43,060	2,170	1,550	2,175	2,170	7,335	7,595	6,615	3,330	2,665	1,945	2,305	1,150	1,405	1,050	2,904
Earnings and income other than earnings	308,665	6,730	16,095	22,010	22,945	22,315	26,680	40,495	37,310	28,715	19,350	25,435	11,830	13,610	15,145	3,464
Wages or salary and other income	261,465	5,235	13,520	18,850	19,585	19,130	23,555	36,980	33,865	25,625	17,095	21,140	9,160	9,615	8,110	3,417
Self-employment income and other income	34,750	1,175	2,080	2,330	2,410	2,090	2,005	2,405	2,330	2,210	1,445	3,165	1,995	3,080	6,030	4,124
Wages or salary, self-empl. income, & oth. income	12,450	320	495	830	950	1,095	1,120	1,110	1,115	880	810	1,130	675	915	1,005	3,637
Other income, no earnings	91,280	29,190	35,240	12,790	5,320	2,730	1,245	1,150	680	525	335	545	365	465	700	733
Female, 14 years old and over																
Total, 14 years old and over	830,370	230,675	143,760	97,300	92,820	102,940	75,510	43,080	15,645	9,605	5,835	5,465	2,375	2,535	2,830	1,209
Earnings only	597,200	145,600	89,185	72,530	77,475	90,055	65,080	34,760	10,885	6,195	3,370	2,730	1,085	1,020	1,030	1,467
Wages or salary only	567,360	136,870	80,675	68,740	74,610	87,335	63,355	33,160	10,110	5,460	3,155	2,075	750	580	525	1,481
Self-employment income only	25,310	7,545	3,835	3,260	2,470	2,300	1,375	1,315	625	575	305	575	275	360	490	1,198
Wages or salary and self-employment income	4,530	1,185	675	570	395	420	350	285	150	160	85	80	80	15	1,355	
Earnings and income other than earnings	74,155	7,315	10,590	10,160	8,950	8,900	8,570	6,740	4,035	2,695	1,945	1,865	795	910	685	2,004
Wages or salary and other income	65,320	6,230	9,595	8,840	7,995	8,065	8,055	6,270	3,640	2,405	1,700	1,510	795	600	345	2,031
Self-employment income and other income	7,340	960	1,320	1,150	800	695	395	305	305	245	215	165	225	27		

DETAILED CHARACTERISTICS

Table 93.—INCOME IN 1949 OF PERSONS, BY TYPE OF INCOME AND SEX, FOR THE STATE, FARM AND NONFARM, AND FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE: 1950—Con.

(Based on 20-percent sample. Median not shown where base is less than 500)

Area, farm residence, type of income, and sex	Total persons with income	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,499	\$4,500 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over	Median income (dol.)
STANDARD METROPOLITAN AREAS																
DETROIT																
Total, 14 years old and over.....	1,363,475	151,090	115,255	92,030	95,795	137,650	160,280	207,825	125,310	90,870	54,600	69,680	29,060	28,060	25,770	2,811
Earnings only.....	1,077,820	100,300	72,840	68,150	77,765	119,495	140,045	178,670	100,835	71,705	42,640	51,965	20,735	18,685	14,990	2,858
Wages or salary only.....	999,580	92,110	68,240	63,270	73,280	113,255	134,500	170,955	95,360	66,420	38,345	44,875	17,040	13,425	7,505	2,829
Self-employment income only.....	63,500	6,345	3,960	4,005	3,675	5,235	4,385	6,005	3,725	3,865	2,450	5,770	2,970	4,430	6,880	3,362
Wages or salary and self-employment income.....	14,740	1,040	640	875	810	1,005	1,160	1,710	1,750	1,420	845	1,320	725	830	605	3,536
Earnings and income other than earnings.....	196,780	4,880	9,320	11,535	12,285	14,770	18,535	27,545	23,625	18,495	12,610	16,885	7,880	8,735	9,680	3,491
Wages or salary and other income.....	172,200	4,020	8,045	10,205	10,950	13,115	16,975	25,785	21,970	17,015	11,440	14,545	6,290	6,520	5,325	3,442
Self-employment income and other income.....	19,425	740	1,150	1,060	1,065	1,325	1,255	1,385	1,065	1,100	755	1,715	1,240	1,770	3,800	4,303
Wages or salary, self-empl. income, & oth. income.....	5,155	120	125	270	270	330	305	375	590	380	415	625	350	445	555	4,253
Other income, no earnings.....	108,875	45,910	33,095	12,345	5,745	3,585	1,700	1,610	850	670	350	830	445	640	1,100	629
Male, 14 years old and over.....	947,095	48,600	47,035	42,870	46,650	77,785	111,840	178,430	115,070	84,700	50,185	66,025	27,520	26,475	23,910	3,277
Earnings only.....	750,950	35,725	29,485	30,700	35,980	65,965	97,010	154,245	93,390	67,495	38,750	50,015	19,955	17,970	14,265	3,251
Wages or salary only.....	685,530	31,655	26,645	27,315	32,685	61,000	92,265	147,380	88,390	62,595	35,685	43,285	16,480	13,030	7,120	3,242
Self-employment income only.....	52,495	3,385	2,430	2,770	2,655	4,150	3,735	5,280	3,330	3,535	2,255	5,445	2,800	4,170	6,555	3,777
Wages or salary and self-employment income.....	12,925	685	410	615	640	815	1,010	1,585	1,670	1,365	810	1,285	675	770	590	3,710
Earnings and income other than earnings.....	161,275	2,210	5,185	7,260	8,415	10,385	14,110	23,585	21,295	16,955	11,305	15,725	7,380	8,215	9,250	3,723
Wages or salary and other income.....	140,050	1,680	4,410	6,340	7,395	9,070	12,750	22,025	19,810	15,610	10,265	13,520	5,900	6,345	5,130	3,660
Self-employment income and other income.....	16,585	445	695	690	805	1,045	1,080	1,240	930	990	635	1,610	1,165	1,655	3,600	4,793
Wages or salary, self-empl. income, & oth. income.....	4,640	85	80	230	215	270	280	320	555	355	405	595	315	415	520	4,401
Other income, no earnings.....	34,870	10,665	12,365	4,910	2,255	1,435	720	600	385	250	130	285	185	290	395	774
Female, 14 years old and over.....	436,380	102,490	68,220	49,160	49,145	60,665	48,440	29,395	10,240	6,170	4,415	3,655	1,540	1,585	1,860	1,483
Earnings only.....	326,870	64,375	43,355	37,450	41,785	53,530	43,035	24,425	7,445	4,210	2,890	1,950	780	715	725	1,716
Wages or salary only.....	314,060	61,455	41,595	35,995	40,595	52,255	42,235	23,275	6,970	3,825	2,660	1,950	560	395	385	1,722
Self-employment income only.....	11,005	2,760	1,530	1,235	1,020	1,085	1,500	725	395	330	195	325	170	260	325	1,491
Wages or salary and self-employment income.....	1,815	360	230	260	170	190	150	125	80	55	35	35	50	60	15	1,669
Earnings and income other than earnings.....	35,505	2,670	4,135	4,275	3,870	4,395	4,425	3,960	2,330	1,540	1,305	1,160	500	520	430	2,320
Wages or salary and other income.....	32,150	2,340	3,635	3,865	3,555	4,045	4,225	3,760	2,160	1,405	1,175	1,025	390	375	195	2,331
Self-employment income and other income.....	2,840	295	455	370	260	280	175	145	135	110	120	105	75	115	200	2,071
Wages or salary, self-empl. income, & oth. income.....	515	35	45	40	55	60	25	55	35	25	10	30	35	30	35	2,950
Other income, no earnings.....	74,005	35,245	20,730	7,435	3,490	2,150	980	1,010	465	420	220	545	260	350	705	542
FLINT																
Total, 14 years old and over.....	112,845	12,065	9,400	7,210	6,915	9,205	11,550	20,140	13,070	8,225	4,815	5,330	1,925	1,630	1,365	3,002
Earnings only.....	88,675	8,875	6,020	5,500	5,670	8,010	9,885	17,515	10,710	6,235	3,540	3,740	1,295	945	735	3,011
Wages or salary only.....	80,400	7,955	5,395	4,875	4,995	7,295	9,215	16,685	9,955	5,690	3,285	3,205	1,030	555	265	3,014
Self-employment income only.....	5,700	625	510	470	550	520	490	545	410	270	105	340	165	270	430	2,679
Wages or salary and self-employment income.....	2,575	295	115	155	125	195	180	285	345	275	150	195	100	120	40	3,390
Earnings and income other than earnings.....	16,770	345	650	850	935	985	1,555	2,535	2,325	1,955	1,260	1,350	590	655	575	3,614
Wages or salary and other income.....	14,115	210	460	660	775	795	1,355	2,350	2,085	1,810	1,105	1,110	435	275	3,609	
Self-employment income and other income.....	1,815	115	160	155	110	145	110	120	140	105	85	145	55	155	215	3,469
Wages or salary, self-empl. income, & oth. income.....	840	20	30	35	50	45	90	65	100	40	70	100	45	65	85	3,925
Other income, no earnings.....	7,400	2,845	2,730	860	310	210	110	90	35	35	15	35	40	30	55	657
Male, 14 years old and over.....	82,815	4,715	4,115	3,565	3,765	5,445	7,740	18,655	12,470	7,830	4,675	5,165	1,840	1,540	1,295	3,323
Earnings only.....	65,245	3,575	2,640	2,640	2,970	4,530	6,480	16,280	10,235	5,985	3,455	3,645	1,265	690	303	3,000
Wages or salary only.....	58,210	2,990	2,175	2,190	2,425	3,925	5,885	15,495	9,505	5,460	3,205	3,145	1,005	550	255	3,307
Self-employment income only.....	4,710	355	330	340	435	435	445	505	385	250	100	320	160	250	395	3,015
Wages or salary and self-employment income.....	2,325	230	65	110	110	170	150	280	345	275	150	180	100	120	40	3,569
Earnings and income other than earnings.....	14,610	220	365	580	700	795	1,200	2,300	2,220	1,820	1,205	1,485	555	610	555	3,758
Wages or salary and other income.....	12,330	120	265	450	580	640	1,015	2,130	1,995	1,675	1,060	1,260	465	405	270	3,742
Self-employment income and other income.....	1,515	85	75	105	70	125	110	105	130	105	75	130	45	145	210	3,817
Wages or salary, self-empl. income, & oth. income.....	765	15	25	25	30	30	75	65	95	40	70	95	45	60	75	4,031
Other income, no earnings.....	2,960	920	1,180	345	95	120	60	75	15	25	15	35	20	5	50	737
Female, 14 years old and over.....	30,030	7,350	5,285	3,645	3,150	3,760	3,810	1,485	600	395	140	165	85	90	70	1,326
Earnings only.....	23,430	5,300	3,450	2,860	2,530	3,480	3,405	1,235	475	290	85	90	30	20	45	1,519
Wages or salary only.....	22,190	4,965	3,220	2,685	2,570	3,370	3,330	1,190	450	230	80	60	25	5	10	1,544
Self-employment income only.....	990	270	180	130	115	85	45	40	25	20	5	20	5	15	25	1,173
Wages or salary and self-employment income.....	250	65	50	45	15	25	30	5	...	...	...	15	...	...	...	...
Earnings and income other than earnings.....	2,160	125	285	270	235	190	355	235	105	135	55	70	35	45	20	2,434
Wages or salary and other income.....	1,785	90	195	210	195	155	340	220	90	135	45	50	25	30	5	2,570
Self-employment income and other income.....	300	30	85	50	40	20	...	15	10	...	10	15	10	10	5	...
Wages or salary, self-empl. income, & oth. income.....	75	5	5	10	...	15	15	...	5	...	...	5	...	5	10	...
Other income, no earnings.....	4,440	1,925	1,550	515	215	90	50	15	20	10	...	...	20	25	5	595
GRAND RAPIDS																
Total, 14 years old and over.....	131,115	20,475	15,545	10,535	10,960	13,535	13,685	15,570	9,655	7,045	3,710	4,630	1,800	1,900	2,070	2,297
Earnings only.....	94,415	12,975	8,550	7,125	8,555	11,225	11,305	12,695	7,380	5,310	2,650	3,345	1,155	1,095	1,050	2,446
Wages or salary only.....	83,745	11,710	7,730	6,275	7,635	10,050	10,375	11,560	6,735	4,665	2,330	2,705	790	665	520	2,424
Self-employment income only.....	8,680	1,065	715	715	755	960	735	900	480	460	265	525	260	360		

Table 94.—EXPERIENCED LABOR FORCE, 1950, BY WAGE OR SALARY INCOME IN 1949, BY SEX, FOR THE STATE (WITH COMPARATIVE DATA FOR 1940), FOR STANDARD METROPOLITAN AREAS OF 250,000 OR MORE, AND FOR CITIES OF 100,000 OR MORE

(Statistics for 1950 based on 20-percent sample. Median not shown where base is less than 500 for 1950 or 100 for 1940)

Area, census year, and sex	Total experienced labor force	Persons with less than \$100 of wages or salary		Persons with \$100 or more of wages or salary										Persons with \$5,000 and over			Median income (doll.)	Wages or salary income not reported	
		Total	Without wages or salary	\$1 to \$99	\$100 to \$399	\$400 to \$799	\$800 to \$1,199	\$1,200 to \$1,599	\$1,600 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 and over			
																			Total
THE STATE: 1950																			
Total, 14 years old and over.....	2,805,295	419,150	391,590	27,770	1,959,440	92,375	130,955	106,725	128,315	121,915	245,325	270,375	717,120	155,935	31,300	25,885	16,595	2,994	116,705
Male.....	1,862,600	292,980	278,755	14,525	1,479,200	47,050	72,910	58,650	69,365	66,175	136,450	202,430	698,730	151,460	30,465	25,170	16,145	3,214	90,420
Female.....	642,695	126,170	112,835	13,245	480,240	45,325	58,045	48,075	58,950	55,740	92,875	68,445	56,990	4,475	835	715	450	1,684	26,285
THE STATE: 1940																			
Total, 14 years old and over.....	2,090,188	432,775	(1)	(1)	1,562,916	238,884	328,176	306,936	319,313	171,974	110,877	47,241	43,093	16,422	(1)	(1)	(1)	1,092	74,497
Male.....	1,646,788	334,497	(1)	(1)	1,248,936	151,561	224,217	229,460	278,700	159,296	103,643	44,405	41,572	16,082	(1)	(1)	(1)	1,228	63,355
Female.....	443,400	98,278	(1)	(1)	313,980	87,323	103,959	77,476	40,613	12,678	7,234	2,836	1,521	340	(1)	(1)	(1)	707	11,142
STANDARD METROPOLITAN AREAS: 1950																			
Detroit.....	1,866,195	156,100	146,695	9,405	1,059,685	34,035	51,895	46,150	58,385	56,235	122,700	149,405	434,240	107,840	21,875	18,120	11,750	3,053	50,410
Male.....	935,385	102,715	96,255	4,460	794,965	15,265	24,075	23,115	28,895	28,240	70,720	106,350	394,235	104,070	21,285	17,715	11,415	3,511	37,705
Female.....	330,810	53,385	48,440	4,945	264,720	18,770	27,220	23,035	29,490	27,995	51,980	43,055	40,005	3,170	590	405	2,366	2,566	12,705
Flint.....	110,865	15,875	14,830	1,045	90,885	3,640	4,595	3,930	4,470	4,085	8,520	10,845	43,800	6,990	1,390	965	460	3,244	4,105
Male.....	83,685	9,820	9,350	470	71,255	1,800	2,260	2,050	2,389	2,205	4,980	7,230	41,530	6,815	1,360	940	445	3,612	2,610
Female.....	27,180	6,055	5,480	575	19,630	1,840	2,335	1,880	2,085	1,880	3,540	3,615	2,260	175	30	25	15	1,954	1,495
Grand Rapids.....	117,255	19,370	18,080	1,290	90,630	4,805	6,565	5,025	6,305	6,200	11,565	12,445	31,185	6,535	1,130	1,080	885	2,695	7,225
Male.....	84,295	13,580	12,980	600	65,365	2,375	3,110	2,490	2,945	2,820	6,700	9,645	28,890	6,390	1,100	1,035	865	3,180	5,350
Female.....	32,960	5,790	5,100	690	25,265	2,430	3,455	2,535	3,360	3,380	4,865	2,800	2,295	145	30	45	20	1,701	1,905
Detroit.....	834,020	96,485	90,775	5,710	687,440	21,380	33,975	30,830	39,620	38,290	84,450	102,845	272,260	63,790	13,170	10,815	5,905	2,953	30,095
Male.....	590,205	63,740	60,975	2,765	504,665	9,475	15,630	14,975	18,915	18,760	47,980	72,485	244,885	61,560	12,735	10,520	5,695	3,442	21,800
Female.....	223,815	32,745	29,800	2,945	182,775	11,905	18,345	15,855	20,705	19,530	36,470	30,360	27,375	2,230	435	295	210	2,068	8,295
Flint.....	70,930	8,870	8,275	595	59,375	2,255	2,950	2,575	3,145	2,765	5,755	7,260	27,865	4,805	1,000	720	340	3,214	2,685
Male.....	52,085	5,285	5,010	275	45,145	1,110	1,400	1,255	1,615	1,415	3,135	4,590	26,010	4,655	975	695	330	3,622	1,655
Female.....	18,845	3,585	3,265	320	14,230	1,145	1,550	1,320	1,530	1,350	2,620	2,710	1,855	150	25	25	10	2,042	1,030
Grand Rapids.....	75,935	10,705	9,885	820	60,750	3,145	4,350	3,555	4,435	4,260	7,925	8,305	20,495	4,280	790	730	465	2,663	4,480
Male.....	52,310	6,990	6,650	340	42,155	1,500	1,915	1,665	1,910	1,845	4,400	6,135	18,625	4,160	725	690	450	3,183	3,165
Female.....	23,625	3,715	3,235	480	18,595	1,645	2,435	1,890	2,525	2,415	3,525	2,170	1,870	120	25	40	15	1,733	1,315

1 Not available.