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Vocational Training

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INTRODUCTION

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GENERAL

This report presents detailed statistics for the population of the United States on field of vocational training, classified by various social and economic characteristics. The statistics are based on the 1970 Census of Population. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

A major portion of the information compiled from the 1970 Census of Population appears in Volume I, **Characteristics of the Population,** which focuses on the presentation of data for States, counties, places, and other areas of the United States. The present report is part of Volume II, **Subject Reports,** wherein most reports concentrate on the presentation of national and regional data for a particular subject. A list of Volume II subject reports from the 1970 census is presented on page II. For a description of Volumes I and II, as well as other elements of the data dissemination program of the 1970 Population and Housing Census, see Appendix E, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of changes were introduced in 1970 to improve the usefulness of the census results.

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and Appendixes A through E, which appear after the tables. The introduction contains information relating specifically to the principal subject of this report, including definitions of terms and a discussion of editing procedures. Appendix A provides general information concerning the presentation of data in this series of reports and the collection and processing procedures of the 1970 census. Appendix B describes the various area classifications (e.g., urban and rural residence, urbanized areas, etc.) and also explains the residence rules used in counting the population. Appendix C provides brief definitions and explanations of subjects covered in cross-classifications in this report and other reports in this series. Appendix D presents information on sources of error in the data, sampling variability, ratio estimation, and editing procedures. Appendix E summarizes the data dissemination program.

Content of the tables.—The tables in this report present data for persons with vocational training classified by field of training according to such characteristics as educational attainment, labor force status, occupation, earnings in 1969, and industry. In addition, for analytical purposes, comparable data are shown in each table for persons who have never completed a vocational training program. Each table also provides statistics for persons who have not completed 4 or more years of college, this being regarded as the most relevant universe for data on this subject.

There are six unique tables contained in this report (i.e., tables 1, 5, 9, 10, 14, and 18). Each of these tables, with the exception of table 9, is followed by three others with exactly the same format, but which present data for the white, Negro, and Spanish origin populations, respectively. For example, table 1 presents data on the labor force status of persons of all races by field of vocational training; table 2 contains comparable data for white persons; table 3, for Negro persons; and table 4, for persons of Spanish origin.

Sample size.—The statistics in this report are based on the 5-percent sample adjusted to represent the total population (see "Data Collection Procedures" in Appendix A). An explanation of the ratio estimation procedure and information on the sampling variability associated with the data are contained in Appendix D.

RELATED MATERIALS

1970 census reports.—Statistics on the number of persons 16 to 64 years of age with vocational training are presented for the United States, States, standard metropolitan statistical areas,

urbanized areas, and places of 50,000 or more in chapter C of the 1970 Census of Population, Volume I, **Characteristics of the Population.** Statistics in chapter D of Volume I, which are shown for the United States, regions, and States, include cross-classifications of persons 18 years old and over with vocational training by field, age, educational attainment, and several economic characteristics. Part 1 of Volume I includes chapters C and D for the United States as a whole; the remaining parts of Volume I are for each State, the District of Columbia, Puerto Rico, and selected outlying areas. Chapters C and D were originally published as paperbound Series PC(1)-C reports, **General Social and Economic Characteristics**, and Series PC(1)-D reports, **Detailed Characteristics**, respectively.

In addition to the present report, two other Volume II reports concentrate on subjects relating to education, namely, PC(2)-5A, **School Enrollment**, and PC(2)-5B, **Educational Attainment.** A few other Volume II reports are planned which contain limited amounts of specialized vocational training data.

Data from other sources.—In 1970, the questions on vocational training were asked of the general population for the first time in a decennial census. Data on vocational training have been collected by the Bureau of the Census through its Current Population Survey for other Federal agencies from time to time. These agencies have published data pertaining to persons with vocational training and institutions offering such training, as have some State agencies and private organizations. However, these data are only roughly comparable with data collected in the 1970 census.

Unpublished data.—For most of the Volume II reports, statistics in addition to those published in the report are available on a reimbursable basis from computer tape files. Data shown for the United States as a whole are available for regions, divisions, and States, and, in a number of instances, the data for some characteristics were tabulated in greater detail than shown in the reports. Requests for unpublished data, giving a specific description of the figures desired, should be made in writing to the Director, Bureau of the Census, Washington, D.C. 20233. Inquiries concerning unpublished data should be transmitted to the Bureau as soon as possible since tape files are not maintained indefinitely.

DEFINITIONS AND EXPLANATIONS OF PRINCIPAL SUBJECT

The definitions and explanations below relate only to the principal subject of this report. Brief definitions of other items that appear in cross-classifications in the tables of this report are presented in Appendix C.

Vocational training and field.—The data on vocational training were derived from answers to questions 27a and 27b (see facsimile of questionnaire items below).

These questions were asked of persons 14 years old and over in the 5-percent sample. Included as "vocational training" were formal vocational training programs completed in high school, through an apprenticeship program, in a school of business, in a nursing school or trade school, in a technical institute, in the Armed Forces, or in Job Corps Training. Persons were instructed to exclude as "vocational training" any programs or single courses which were not part of an organized program of study, on-the-job training, training in company schools, training by correspondence, and basic or officers' training in the Armed Forces. Persons who reported having completed a vocational training program were asked to designate their main field of vocational training.

Persons were instructed to include only programs that they had finished. Write-in entries for field of training such as medical school, law school, or other type of professional school were

27a. Has this person ever completed a vocational training program? *For example, in high school; as apprentice; in school of business, nursing, or trades; technical institute; or Armed Forces schools.*

○ Yes ○ No— *Skip to 28*

b. What was his main field of vocational training? *Fill one circle.*

○ Business, office work
○ Nursing, other health fields
○ Trades and crafts *(mechanic, electrician, beautician, etc.)*
○ Engineering or science technician; draftsman
○ Agriculture or home economics
○ Other field— *Specify*

not regarded as "vocational training" for the purposes of this inquiry.

Quality of the data.—At the time this report was published, the accuracy of reporting on vocational training was being evaluated in the Content Reinterview Study of the 1970 Census Evaluation Program. Following the 1970 census, a sample of persons was reinterviewed to determine whether the vocational training questions were understood and the instructions to the respondent were adequate and successfully followed. The analysis of the survey results will show the extent to which respondents reporting completion of a program in vocational training actually had attended and completed a formal program. In addition, the results will indicate the number of persons who at some time had taken training which should have been reported, but who did not report their training on the census form. Accuracy of reports on the field of training will also be analyzed in the study. Results from the Content Reinterview Study will be published in Series PHC(E), **Evaluation Reports.**

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 years old and over	**59 376 787**	**16 373 864**	**27.6**	**1 963 521**	**281 189**	**7 894 988**	**1 523 382**	**483 916**	**739 794**	**3 487 074**	**43 002 923**
Labor force	44 475 268	13 761 055	30.9	1 679 495	243 131	7 034 803	1 356 127	416 759	646 063	2 384 677	30 714 213
Armed Forces	1 684 684	795 181	47.2	88 296	26 014	384 503	93 234	22 045	61 687	119 402	889 503
Civilian labor force	42 790 584	12 965 874	30.3	1 591 199	217 117	6 650 300	1 262 893	394 714	584 376	2 265 275	29 824 710
Employed	40 985 223	12 519 674	30.5	1 548 918	210 547	6 429 753	1 226 443	383 682	561 336	2 158 995	28 465 549
Unemployed	1 805 361	446 200	24.7	42 281	6 570	220 547	36 450	11 032	23 040	106 280	1 359 161
Percent	4.2	3.4	...	2.7	3.0	3.3	2.9	2.8	3.9	4.7	4.6
Not in labor force	14 901 519	2 612 809	17.5	284 026	38 058	860 185	167 255	67 157	93 731	1 102 397	12 288 710
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 years old and over	**32 085 716**	**6 254 194**	**19.5**	**394 911**	**64 312**	**3 067 906**	**262 398**	**205 070**	**246 175**	**2 013 422**	**25 831 522**
Labor force	21 079 074	4 653 960	22.1	281 754	50 712	2 506 128	200 658	163 443	197 367	1 253 898	16 425 114
Armed Forces	358 978	139 205	38.8	8 878	3 304	66 872	9 884	3 803	11 224	35 240	219 773
Civilian labor force	20 720 096	4 514 755	21.8	272 876	47 408	2 439 256	190 774	159 640	186 143	1 218 658	16 205 341
Employed	19 629 830	4 320 366	22.0	262 923	45 483	2 337 643	182 786	154 130	176 622	1 160 779	15 309 464
Unemployed	1 090 266	194 389	17.8	9 953	1 925	101 613	7 988	5 510	9 521	57 879	895 877
Percent	5.3	4.3	...	3.6	4.1	4.2	4.2	3.5	5.1	4.7	5.5
Not in labor force	11 006 642	1 600 234	14.5	113 157	13 600	561 778	61 740	41 627	48 808	759 524	9 406 408
HIGH SCHOOL 4 YEARS											
Male, 16 years old and over	**18 836 246**	**7 123 851**	**37.8**	**941 949**	**124 145**	**3 817 229**	**689 374**	**207 492**	**327 893**	**1 015 769**	**11 712 395**
Labor force	16 620 009	6 494 609	39.1	844 067	111 730	3 601 845	636 091	192 445	302 804	805 627	10 125 400
Armed Forces	972 752	485 378	49.9	52 921	15 287	251 755	52 953	14 990	35 688	61 784	487 374
Civilian labor force	15 647 257	6 009 231	38.4	791 146	96 443	3 350 090	583 138	177 455	267 116	743 843	9 638 026
Employed	15 129 183	5 828 172	38.5	771 428	93 330	3 254 986	567 018	173 262	257 844	710 304	9 301 011
Unemployed	518 074	181 059	34.9	19 718	3 113	95 104	16 120	4 193	9 272	33 539	337 015
Percent	3.3	3.0	...	2.5	3.2	2.8	2.8	2.4	3.5	4.5	3.5
Not in labor force	2 216 237	629 242	28.4	97 882	12 415	215 384	53 283	15 047	25 089	210 142	1 586 995
COLLEGE 1 TO 3 YEARS											
Male, 16 years old and over	**8 454 825**	**2 995 819**	**35.4**	**626 661**	**92 732**	**1 009 853**	**571 610**	**71 354**	**165 726**	**457 883**	**5 459 006**
Labor force	6 776 185	2 612 486	38.6	553 674	80 689	926 830	519 378	60 871	145 892	325 152	4 163 699
Armed Forces	352 954	170 598	48.3	26 497	7 423	65 876	30 397	3 252	14 775	22 378	182 356
Civilian labor force	6 423 231	2 441 888	38.0	527 177	73 266	860 954	488 981	57 619	131 117	302 774	3 981 343
Employed	6 226 210	2 371 136	38.1	514 567	71 734	837 124	476 639	56 290	126 870	287 912	3 855 074
Unemployed	197 021	70 752	35.9	12 610	1 532	23 830	12 342	1 329	4 247	14 862	126 269
Percent	3.1	2.9	...	2.4	2.1	2.8	2.5	2.3	3.2	4.9	3.2
Not in labor force	1 678 640	383 333	22.8	72 987	12 043	83 023	52 232	10 483	19 834	132 731	1 295 307
COLLEGE 4 YEARS OR MORE											
Male, 16 years old and over	**7 862 942**	**1 771 404**	**22.5**	**327 364**	**129 289**	**352 229**	**384 458**	**53 871**	**184 778**	**339 415**	**6 091 538**
Labor force	7 134 842	1 604 099	22.5	302 178	117 843	333 455	352 338	48 384	167 212	282 689	5 530 743
Armed Forces	294 071	82 845	28.2	10 904	5 379	23 482	14 270	1 785	13 065	13 960	211 226
Civilian labor force	6 840 771	1 521 254	22.2	291 274	112 464	309 973	338 068	46 599	154 147	268 729	5 319 517
Employed	6 745 438	1 492 459	22.1	286 227	111 716	304 749	330 433	46 026	151 137	262 171	5 252 979
Unemployed	95 333	28 795	30.2	5 047	748	5 224	7 635	573	3 010	6 558	66 538
Percent	1.4	1.9	...	1.7	0.7	1.7	2.3	1.2	2.0	2.4	1.3
Not in labor force	728 100	167 305	23.0	25 186	11 446	18 774	32 120	5 487	17 566	56 726	560 795
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 to 19 years old	**7 607 486**	**826 719**	**10.9**	**56 770**	**9 100**	**263 022**	**50 589**	**38 818**	**28 887**	**379 533**	**6 780 767**
Labor force	3 636 242	503 222	13.8	42 421	6 577	198 478	34 904	25 740	20 758	174 344	3 133 020
Armed Forces	285 342	93 555	32.8	8 349	2 036	44 744	7 931	5 385	6 001	19 109	191 787
Civilian labor force	3 350 900	409 667	12.2	34 072	4 541	153 734	26 973	20 355	14 757	155 235	2 941 233
Employed	2 982 983	370 396	12.4	31 472	4 217	138 958	24 590	18 837	12 732	139 590	2 612 587
Unemployed	367 917	39 271	10.7	2 600	324	14 776	2 383	1 518	2 025	15 645	328 646
Percent	11.0	9.6	...	7.6	7.1	9.6	8.8	7.5	13.7	10.1	11.2
Not in labor force	3 971 244	323 497	8.1	14 349	2 523	64 544	15 685	13 078	8 129	205 189	3 647 747
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 to 19 years old	**5 388 715**	**411 406**	**7.6**	**17 560**	**3 236**	**132 712**	**17 703**	**20 872**	**13 434**	**205 889**	**4 977 309**
Labor force	2 278 983	205 537	9.0	11 375	2 121	86 375	10 349	11 145	8 793	75 379	2 073 446
Armed Forces	98 324	25 677	26.1	1 615	341	12 806	1 646	1 355	1 949	5 965	72 647
Civilian labor force	2 180 659	179 860	8.2	9 760	1 780	73 569	8 703	9 790	6 844	69 414	2 000 799
Employed	1 911 552	159 608	8.3	8 769	1 612	64 917	7 768	8 830	5 574	62 138	1 751 944
Unemployed	269 107	20 252	7.5	991	168	8 652	935	960	1 270	7 276	248 855
Percent	12.3	11.3	...	10.2	9.4	11.8	10.7	9.8	18.6	10.5	12.4
Not in labor force	3 109 732	205 869	6.6	6 185	1 115	46 337	7 354	9 727	4 641	130 510	2 903 863
HIGH SCHOOL 4 YEARS											
Male, 16 to 19 years old	**1 701 087**	**336 255**	**19.8**	**31 145**	**4 782**	**118 840**	**26 058**	**14 808**	**12 916**	**127 706**	**1 364 832**
Labor force	1 098 208	251 578	22.9	25 297	3 837	103 426	20 080	12 304	10 312	76 322	846 630
Armed Forces	167 349	62 108	37.1	5 937	1 496	30 129	5 618	3 727	3 793	11 408	105 241
Civilian labor force	930 859	189 470	20.4	19 360	2 341	73 297	14 462	8 577	6 519	64 914	741 389
Employed	847 953	173 474	20.5	18 118	2 206	67 504	13 199	8 085	5 907	58 455	674 479
Unemployed	82 906	15 996	19.3	1 242	135	5 793	1 263	492	612	6 459	66 910
Percent	8.9	8.4	...	6.4	5.8	7.9	8.7	5.7	9.4	10.0	9.0
Not in labor force	602 879	84 677	14.0	5 848	945	15 414	5 978	2 504	2 604	51 384	518 20[illegible]

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Male, 16 to 19 years old	**517 684**	**79 058**	**15.3**	**8 065**	**1 082**	**11 470**	**6 828**	**3 138**	**2 537**	**45 938**	**438 626**
Labor force	259 051	46 107	17.8	5 749	619	8 677	4 475	2 291	1 653	22 643	212 944
Armed Forces	19 669	5 770	29.3	797	199	1 809	667	303	259	1 736	13 899
Civilian labor force	239 382	40 337	16.9	4 952	420	6 868	3 808	1 988	1 394	20 907	199 045
Employed	223 478	37 314	16.7	4 585	399	6 537	3 623	1 922	1 251	18 997	186 164
Unemployed	15 904	3 023	19.0	367	21	331	185	66	143	1 910	12 881
Percent	6.6	7.5	...	7.4	5.0	4.8	4.9	3.3	10.3	9.1	6.5
Not in labor force	258 633	32 951	12.7	2 316	463	2 793	2 353	847	884	23 295	225 682
COLLEGE 4 YEARS OR MORE											
Male, 16 to 19 years old	**1 372**	**428**	**31.2**	**63**	**46**	**41**	**43**	**–**	**66**	**169**	**944**
Labor force	1 150	385	33.5	63	19	41	43	–	66	153	765
Armed Forces	452	112	24.8	19	–	22	–	–	46	25	340
Civilian labor force	698	273	39.1	44	19	19	43	–	20	128	425
Employed	698	273	39.1	44	19	19	43	–	20	128	425
Unemployed	–	–	–	–	–	–	–	–	–	–	–
Percent	–	–	...	–	–	–	–	–	–	–	–
Not in labor force	222	43	...	–	27	–	–	–	–	16	179
LESS THAN 4 YEARS OF COLLEGE											
Male, 20 to 24 years old	**6 966 430**	**2 000 466**	**28.7**	**232 327**	**49 310**	**876 668**	**217 414**	**53 141**	**116 334**	**455 272**	**4 965 964**
Labor force	5 629 642	1 744 782	31.0	208 967	43 733	808 101	194 983	46 958	103 036	339 004	3 884 860
Armed Forces	811 559	363 019	44.7	38 524	10 646	173 934	44 633	11 212	26 832	57 238	448 540
Civilian labor force	4 818 083	1 381 763	28.7	170 443	33 087	634 167	150 350	35 746	76 204	281 766	3 436 320
Employed	4 476 800	1 291 735	28.9	160 388	31 077	592 079	142 464	34 271	71 079	260 377	3 185 065
Unemployed	341 283	90 028	26.4	10 055	2 010	42 088	7 886	1 475	5 125	21 389	251 255
Percent	7.1	6.5	...	5.9	6.1	6.6	5.2	4.1	6.7	7.6	7.3
Not in labor force	1 336 788	255 684	19.1	23 360	5 577	68 567	22 431	6 183	13 298	116 268	1 081 104
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 20 to 24 years old	**1 662 287**	**342 422**	**20.6**	**17 105**	**5 395**	**163 284**	**16 822**	**8 104**	**20 700**	**111 012**	**1 319 865**
Labor force	1 358 481	286 053	21.1	15 025	4 569	143 485	14 828	7 252	17 634	83 260	1 072 428
Armed Forces	121 370	42 592	35.1	2 418	858	20 427	3 069	1 410	3 694	10 716	78 778
Civilian labor force	1 237 111	243 461	19.7	12 607	3 711	123 058	11 759	5 842	13 940	72 544	993 650
Employed	1 113 842	219 892	19.7	11 302	3 315	110 597	10 683	5 492	12 420	66 083	893 950
Unemployed	123 269	23 569	19.1	1 305	396	12 461	1 076	350	1 520	6 461	99 700
Percent	10.0	9.7	...	10.4	10.7	10.1	9.2	6.0	10.9	8.9	10.0
Not in labor force	303 806	56 369	18.6	2 080	826	19 799	1 994	852	3 066	27 752	247 437
HIGH SCHOOL 4 YEARS											
Male, 20 to 24 years old	**2 875 447**	**1 073 019**	**37.3**	**122 851**	**23 620**	**553 133**	**107 008**	**28 566**	**60 990**	**176 851**	**1 802 428**
Labor force	2 626 213	990 030	37.7	113 217	21 790	523 328	99 949	26 815	56 359	148 572	1 636 183
Armed Forces	467 677	223 212	47.7	21 165	5 958	117 454	23 726	7 679	15 195	32 035	244 465
Civilian labor force	2 158 536	766 818	35.5	92 052	15 832	405 874	76 223	19 136	41 164	116 537	1 391 718
Employed	2 019 354	720 690	35.7	86 554	14 710	381 881	72 182	18 427	38 653	108 283	1 298 664
Unemployed	139 182	46 128	33.1	5 498	1 122	23 993	4 041	709	2 511	8 254	93 054
Percent	6.4	6.0	...	6.0	7.1	5.9	5.3	3.7	6.1	7.1	6.7
Not in labor force	249 234	82 989	33.3	9 634	1 830	29 805	7 059	1 751	4 631	28 279	166 245
COLLEGE 1 TO 3 YEARS											
Male, 20 to 24 years old	**2 428 696**	**585 025**	**24.1**	**92 371**	**20 295**	**160 251**	**93 584**	**16 471**	**34 644**	**167 409**	**1 843 671**
Labor force	1 644 948	468 699	28.5	80 725	17 374	141 288	80 206	12 891	29 043	107 172	1 176 249
Armed Forces	222 512	97 215	43.7	14 941	3 830	36 053	17 838	2 123	7 943	14 487	125 297
Civilian labor force	1 422 436	371 484	26.1	65 784	13 544	105 235	62 368	10 768	21 100	92 685	1 050 952
Employed	1 343 604	351 153	26.1	62 532	13 052	99 601	59 599	10 352	20 006	86 011	992 451
Unemployed	78 832	20 331	25.8	3 252	492	5 634	2 769	416	1 094	6 674	58 501
Percent	5.5	5.5	...	4.9	3.6	5.4	4.4	3.9	5.2	7.2	5.6
Not in labor force	783 748	116 326	14.8	11 646	2 921	18 963	13 378	3 580	5 601	60 237	667 422
COLLEGE 4 YEARS OR MORE											
Male, 20 to 24 years old	**794 779**	**129 910**	**16.3**	**21 542**	**6 086**	**15 145**	**18 919**	**3 677**	**14 055**	**50 486**	**664 869**
Labor force	649 901	109 334	16.8	19 421	4 820	13 796	16 339	3 411	12 298	39 249	540 567
Armed Forces	111 149	25 792	23.2	4 649	1 356	5 572	3 306	818	3 981	6 110	85 357
Civilian labor force	538 752	83 542	15.5	14 772	3 464	8 224	13 033	2 593	8 317	33 139	455 210
Employed	519 441	79 788	15.4	14 295	3 403	7 797	12 678	2 559	8 027	31 029	439 653
Unemployed	19 311	3 754	19.4	477	61	427	355	34	290	2 110	15 557
Percent	3.6	4.5	...	3.2	1.8	5.2	2.7	1.3	3.5	6.4	3.4
Not in labor force	144 878	20 576	14.2	2 121	1 266	1 349	2 580	266	1 757	11 237	124 302
LESS THAN 4 YEARS OF COLLEGE											
Male, 25 to 34 years old	**9 801 042**	**3 377 560**	**34.5**	**400 847**	**71 980**	**1 732 986**	**390 976**	**67 111**	**170 337**	**543 323**	**6 423 482**
Labor force	9 190 894	3 207 961	34.9	386 543	67 477	1 675 497	376 532	64 421	162 869	474 622	5 982 933
Armed Forces	321 046	185 336	57.7	22 031	7 577	91 325	25 160	2 669	16 241	20 333	135 710
Civilian labor force	8 869 848	3 022 625	34.1	364 512	59 900	1 584 172	351 372	61 752	146 628	454 289	5 847 223
Employed	8 560 687	2 932 847	34.3	356 976	58 454	1 536 484	343 010	60 328	141 491	436 104	5 627 840
Unemployed	309 161	89 778	29.0	7 536	1 446	47 688	8 362	1 424	5 137	18 185	219 383
Percent	3.5	3.0	...	2.1	2.4	3.0	2.4	2.3	3.5	4.0	3.8
Not in labor force	610 148	169 599	27.8	14 304	4 503	57 489	14 444	2 690	7 468	68 701	440 549

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 25 to 34 years old	**3 434 288**	**760 626**	**22.1**	**34 659**	**9 662**	**395 318**	**32 333**	**11 623**	**36 502**	**240 529**	**2 673 662**
Labor force	3 088 790	695 437	22.5	32 553	8 831	373 917	30 645	10 812	34 572	204 107	2 393 353
Armed Forces	71 563	35 627	49.8	2 337	1 180	18 341	3 167	391	2 837	7 374	35 936
Civilian labor force	3 017 227	659 810	21.9	30 216	7 651	355 576	27 478	10 421	31 735	196 733	2 357 417
Employed	2 862 469	629 561	22.0	29 204	7 278	338 697	26 153	10 086	30 019	188 124	2 232 908
Unemployed	154 758	30 249	19.5	1 012	373	16 879	1 325	335	1 716	8 609	124 509
Percent	5.1	4.6	...	3.3	4.9	4.7	4.8	3.2	5.4	4.4	5.3
Not in labor force	345 498	65 189	18.9	2 106	831	21 401	1 688	811	1 930	36 422	280 309
HIGH SCHOOL 4 YEARS											
Male, 25 to 34 years old	**4 541 705**	**1 845 732**	**40.6**	**216 539**	**34 136**	**1 051 333**	**187 145**	**41 707**	**88 782**	**226 090**	**2 695 973**
Labor force	4 389 926	1 785 768	40.7	210 887	32 551	1 029 981	183 161	40 619	86 274	202 295	2 604 158
Armed Forces	189 861	113 615	59.8	14 515	4 207	58 531	14 746	1 890	9 905	9 821	76 246
Civilian labor force	4 200 065	1 672 153	39.8	196 372	28 344	971 450	168 415	38 729	76 369	192 474	2 527 912
Employed	4 083 832	1 629 403	39.9	192 432	27 692	947 201	164 814	37 842	74 084	185 338	2 454 429
Unemployed	116 233	42 750	36.8	3 940	652	24 249	3 601	887	2 285	7 136	73 483
Percent	2.8	2.6	...	2.0	2.3	2.5	2.1	2.3	3.0	3.7	2.9
Not in labor force	151 779	59 964	39.5	5 652	1 585	21 352	3 984	1 088	2 508	23 795	91 815
COLLEGE 1 TO 3 YEARS											
Male, 25 to 34 years old	**1 825 049**	**771 202**	**42.3**	**149 649**	**28 182**	**286 335**	**171 498**	**13 781**	**45 053**	**76 704**	**1 053 847**
Labor force	1 712 178	726 756	42.4	143 103	26 095	271 599	162 726	12 990	42 023	68 220	985 422
Armed Forces	59 622	36 094	60.5	5 179	2 190	14 453	7 247	388	3 499	3 138	23 528
Civilian labor force	1 652 556	690 662	41.8	137 924	23 905	257 146	155 479	12 602	38 524	65 082	961 894
Employed	1 614 386	673 883	41.7	135 340	23 484	250 586	152 043	12 400	37 388	62 642	940 503
Unemployed	38 170	16 779	44.0	2 584	421	6 560	3 436	202	1 136	2 440	21 391
Percent	2.3	2.4	...	1.9	1.8	2.6	2.2	1.6	2.9	3.7	2.2
Not in labor force	112 871	44 446	39.4	6 546	2 087	14 736	8 772	791	3 030	8 484	68 425
COLLEGE 4 YEARS OR MORE											
Male, 25 to 34 years old	**2 376 485**	**464 713**	**19.6**	**86 104**	**35 763**	**86 886**	**99 000**	**13 680**	**50 133**	**93 147**	**1 911 772**
Labor force	2 253 136	440 595	19.6	82 770	33 884	83 298	94 757	13 067	47 067	85 752	1 812 541
Armed Forces	117 138	34 090	29.1	3 871	2 796	10 010	6 552	608	5 333	4 920	83 048
Civilian labor force	2 135 998	406 505	19.0	78 899	31 088	73 288	88 205	12 459	41 734	80 832	1 729 493
Employed	2 106 618	398 224	18.9	77 519	30 822	71 877	86 244	12 201	40 718	78 843	1 708 394
Unemployed	29 380	8 281	28.2	1 380	266	1 411	1 961	258	1 016	1 989	21 099
Percent	1.4	2.0	...	1.7	0.9	1.9	2.2	2.1	2.4	2.5	1.2
Not in labor force	123 349	24 118	19.6	3 334	1 879	3 588	4 243	613	3 066	7 395	99 231
LESS THAN 4 YEARS OF COLLEGE											
Male, 35 to 44 years old	**9 294 112**	**3 244 639**	**34.9**	**364 401**	**54 315**	**1 734 147**	**326 500**	**93 656**	**143 142**	**528 478**	**6 049 473**
Labor force	8 757 409	3 102 232	35.4	353 384	51 379	1 683 475	319 985	90 510	137 922	465 577	5 655 177
Armed Forces	211 544	123 396	58.3	15 948	4 996	61 394	12 909	2 202	9 905	16 042	88 148
Civilian labor force	8 545 865	2 978 836	34.9	337 436	46 383	1 622 081	307 076	88 308	128 017	449 535	5 567 029
Employed	8 307 217	2 905 891	35.0	330 787	45 274	1 584 568	300 574	86 748	124 285	433 655	5 401 326
Unemployed	238 648	72 945	30.6	6 649	1 109	37 513	6 502	1 560	3 732	15 880	165 703
Percent	2.8	2.4	...	2.0	2.4	2.3	2.1	1.8	2.9	3.5	3.0
Not in labor force	536 703	142 407	26.5	11 017	2 936	50 672	6 515	3 146	5 220	62 901	394 296
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 35 to 44 years old	**4 428 409**	**1 126 684**	**25.4**	**57 229**	**12 997**	**623 429**	**46 231**	**34 179**	**46 239**	**306 380**	**3 301 725**
Labor force	4 048 672	1 047 236	25.9	54 508	11 689	596 492	44 156	32 233	43 720	264 438	3 001 436
Armed Forces	51 590	27 160	52.6	2 121	797	12 606	1 622	420	2 241	7 353	24 430
Civilian labor force	3 997 082	1 020 076	25.5	52 387	10 892	583 886	42 534	31 813	41 479	257 085	2 977 006
Employed	3 846 729	986 274	25.6	50 744	10 481	565 825	41 025	31 072	39 726	247 401	2 860 455
Unemployed	150 353	33 802	22.5	1 643	411	18 061	1 509	741	1 753	9 684	116 551
Percent	3.8	3.3	...	3.1	3.8	3.1	3.5	2.3	4.2	3.8	3.9
Not in labor force	379 737	79 448	20.9	2 721	1 308	26 937	2 075	1 946	2 519	41 942	300 289
HIGH SCHOOL 4 YEARS											
Male, 35 to 44 years old	**3 572 657**	**1 526 597**	**42.7**	**183 831**	**24 702**	**882 071**	**150 589**	**47 536**	**67 870**	**169 998**	**2 046 060**
Labor force	3 455 652	1 481 258	42.9	178 539	23 774	864 651	148 144	46 484	66 162	153 504	1 974 394
Armed Forces	122 426	72 252	59.0	9 515	3 173	38 458	7 488	1 456	5 549	6 613	50 174
Civilian labor force	3 333 226	1 409 006	42.3	169 024	20 601	826 193	140 656	45 028	60 613	146 891	1 924 220
Employed	3 267 330	1 380 711	42.3	166 107	20 189	811 081	137 854	44 356	59 252	141 872	1 886 619
Unemployed	65 896	28 295	42.9	2 917	412	15 112	2 802	672	1 361	5 019	37 601
Percent	2.0	2.0	...	1.7	2.0	1.8	2.0	1.5	2.2	3.4	2.0
Not in labor force	117 005	45 339	38.7	5 292	928	17 420	2 445	1 052	1 708	16 494	71 666
COLLEGE 1 TO 3 YEARS											
Male, 35 to 44 years old	**1 293 046**	**591 358**	**45.7**	**123 341**	**16 616**	**228 647**	**129 680**	**11 941**	**29 033**	**52 100**	**701 688**
Labor force	1 253 085	573 738	45.8	120 337	15 916	222 332	127 685	11 793	28 040	47 635	679 347
Armed Forces	37 528	23 984	63.9	4 312	1 026	10 330	3 799	326	2 115	2 076	13 544
Civilian labor force	1 215 557	549 754	45.2	116 025	14 890	212 002	123 886	11 467	25 925	45 559	665 803
Employed	1 193 158	538 906	45.2	113 936	14 604	207 662	121 695	11 320	25 307	44 382	654 252
Unemployed	22 399	10 848	48.4	2 089	286	4 340	2 191	147	618	1 177	11 551
Percent	1.8	2.0	...	1.8	1.9	2.0	1.8	1.3	2.4	2.6	1.7
Not in labor force	39 961	17 620	44.1	3 004	700	6 315	1 995	148	993	4 465	22 341

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Male, 35 to 44 years old	**1 967 619**	**482 065**	**24.5**	**89 933**	**33 890**	**115 234**	**114 969**	**13 469**	**44 914**	**69 656**	**1 485 554**
Labor force	1 935 241	471 760	24.4	88 622	33 121	113 879	113 354	13 236	44 025	65 523	1 463 481
Armed Forces	46 213	16 225	35.1	1 750	743	5 841	3 314	259	2 525	1 793	29 988
Civilian labor force	1 889 028	455 535	24.1	86 872	32 378	108 038	110 040	12 977	41 500	63 730	1 433 493
Employed	1 872 343	449 709	24.0	85 767	32 225	106 948	107 937	12 941	41 070	62 821	1 422 634
Unemployed	16 685	5 826	34.9	1 105	153	1 090	2 103	36	430	909	10 859
Percent	0.9	1.3	...	1.3	0.5	1.0	1.9	0.3	1.0	1.4	0.8
Not in labor force	32 378	10 305	31.8	1 311	769	1 355	1 615	233	889	4 133	22 073
LESS THAN 4 YEARS OF COLLEGE											
Male, 45 to 54 years old	**9 745 998**	**3 297 197**	**33.8**	**371 659**	**45 544**	**1 786 677**	**281 768**	**137 539**	**142 337**	**531 673**	**6 448 801**
Labor force	8 954 747	3 101 851	34.6	354 903	41 953	1 704 964	271 257	128 568	134 154	466 052	5 852 896
Armed Forces	46 699	25 779	55.2	2 802	661	11 557	2 200	498	2 441	5 620	20 920
Civilian labor force	8 908 048	3 076 072	34.5	352 101	41 292	1 693 407	269 057	128 070	131 713	460 432	5 831 976
Employed	8 661 541	2 998 293	34.6	345 970	40 442	1 651 689	263 084	125 131	128 020	443 957	5 663 248
Unemployed	246 507	77 779	31.6	6 131	850	41 718	5 973	2 939	3 693	16 475	168 728
Percent	2.8	2.5	...	1.7	2.1	2.5	2.2	2.3	2.8	3.6	2.9
Not in labor force	791 251	195 346	24.7	16 756	3 591	81 713	10 511	8 971	8 183	65 621	595 905
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 45 to 54 years old	**5 279 294**	**1 360 510**	**25.8**	**67 360**	**13 839**	**765 382**	**53 359**	**74 313**	**53 223**	**333 034**	**3 918 784**
Labor force	4 700 721	1 250 510	26.6	63 080	12 586	719 721	50 205	68 122	49 143	287 653	3 450 211
Armed Forces	12 108	6 517	53.8	245	99	2 178	288	181	378	3 148	5 591
Civilian labor force	4 688 613	1 243 993	26.5	62 835	12 487	717 543	49 917	67 941	48 765	284 505	3 444 620
Employed	4 527 082	1 205 757	26.6	61 465	12 266	696 536	48 495	66 230	47 357	273 408	3 321 325
Unemployed	161 531	38 236	23.7	1 370	221	21 007	1 422	1 711	1 408	11 097	123 295
Percent	3.4	3.1	...	2.2	1.8	2.9	2.8	2.5	2.9	3.9	3.6
Not in labor force	578 573	110 000	19.0	4 280	1 253	45 661	3 154	6 191	4 080	45 381	468 573
HIGH SCHOOL 4 YEARS											
Male, 45 to 54 years old	**3 311 487**	**1 404 490**	**42.4**	**183 198**	**20 738**	**811 227**	**129 501**	**50 180**	**58 821**	**150 825**	**1 906 997**
Labor force	3 153 016	1 342 645	42.6	176 331	19 048	783 584	124 948	47 872	56 359	134 503	1 810 371
Armed Forces	22 390	12 595	56.3	1 507	408	6 467	1 119	205	1 147	1 742	9 795
Civilian labor force	3 130 626	1 330 050	42.5	174 824	18 640	777 117	123 829	47 667	55 212	132 761	1 800 576
Employed	3 067 309	1 301 762	42.4	172 221	18 128	760 562	121 437	46 776	53 751	128 887	1 765 547
Unemployed	63 317	28 288	44.7	2 603	512	16 555	2 392	891	1 461	3 874	35 029
Percent	2.0	2.1	...	1.5	2.7	2.1	1.9	1.9	2.6	2.9	1.9
Not in labor force	158 471	61 845	39.0	6 867	1 690	27 643	4 553	2 308	2 462	16 322	96 626
COLLEGE 1 TO 3 YEARS											
Male, 45 to 54 years old	**1 155 217**	**532 197**	**46.1**	**121 101**	**10 967**	**210 068**	**98 908**	**13 046**	**30 293**	**47 814**	**623 020**
Labor force	1 101 010	508 696	46.2	115 492	10 319	201 659	96 104	12 574	28 652	43 896	592 314
Armed Forces	12 201	6 667	54.6	1 050	154	2 912	793	112	916	730	5 534
Civilian labor force	1 088 809	502 029	46.1	114 442	10 165	198 747	95 311	12 462	27 736	43 166	586 780
Employed	1 067 150	490 774	46.0	112 284	10 048	194 591	93 152	12 125	26 912	41 662	576 376
Unemployed	21 659	11 255	52.0	2 158	117	4 156	2 159	337	824	1 504	10 404
Percent	2.0	2.2	...	1.9	1.2	2.1	2.3	2.7	3.0	3.5	1.8
Not in labor force	54 207	23 501	43.4	5 609	648	8 409	2 804	472	1 641	3 918	30 706
COLLEGE 4 YEARS OR MORE											
Male, 45 to 54 years old	**1 392 183**	**371 129**	**26.7**	**66 444**	**23 550**	**95 518**	**87 034**	**11 493**	**35 615**	**51 475**	**1 021 054**
Labor force	1 357 557	360 022	26.5	64 391	23 079	93 146	85 042	11 319	34 516	48 529	997 535
Armed Forces	17 319	5 976	34.5	493	426	1 977	1 015	59	1 060	946	11 343
Civilian labor force	1 340 238	354 046	26.4	63 898	22 653	91 169	84 027	11 260	33 456	47 583	986 192
Employed	1 324 673	347 715	26.2	62 781	22 498	89 504	82 303	11 095	32 802	46 732	976 958
Unemployed	15 565	6 331	40.7	1 117	155	1 665	1 724	165	654	851	9 234
Percent	1.2	1.8	...	1.7	0.7	1.8	2.1	1.5	2.0	1.8	0.9
Not in labor force	34 626	11 107	32.1	2 053	471	2 372	1 992	174	1 099	2 946	23 519
LESS THAN 4 YEARS OF COLLEGE											
Male, 55 to 64 years old	**8 057 627**	**2 017 597**	**25.0**	**285 443**	**28 275**	**942 442**	**152 231**	**58 879**	**81 950**	**468 377**	**6 040 030**
Labor force	6 419 474	1 666 595	26.0	245 336	23 053	805 358	130 885	48 911	69 280	343 772	4 752 879
Armed Forces	6 422	2 938	45.7	510	74	1 239	232	79	187	617	3 484
Civilian labor force	6 413 052	1 663 657	25.9	244 826	22 979	804 119	130 653	48 832	69 093	343 155	4 749 395
Employed	6 207 571	1 612 295	26.0	239 890	22 509	777 629	127 069	47 459	66 781	330 958	4 595 276
Unemployed	205 481	51 362	25.0	4 936	470	26 490	3 584	1 373	2 312	12 197	154 119
Percent	3.2	3.1	...	2.0	2.0	3.3	2.7	2.8	3.3	3.6	3.2
Not in labor force	1 638 153	351 002	21.4	40 107	5 222	137 084	21 346	9 968	12 670	124 605	1 287 151
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 55 to 64 years old	**5 486 892**	**1 121 672**	**20.4**	**82 260**	**10 088**	**564 879**	**47 659**	**33 552**	**40 882**	**342 352**	**4 365 220**
Labor force	4 205 732	891 959	21.2	67 441	7 893	472 910	38 715	26 816	33 309	244 875	3 313 773
Armed Forces	2 954	1 089	36.9	68	29	461	77	46	67	341	1 865
Civilian labor force	4 202 778	890 870	21.2	67 373	7 864	472 449	38 638	26 770	33 242	244 534	3 311 908
Employed	4 047 717	859 986	21.2	65 828	7 640	455 715	37 678	25 840	32 068	235 217	3 187 731
Unemployed	155 061	30 884	19.9	1 545	224	16 734	960	930	1 174	9 317	124 177
Percent	3.7	3.5	...	2.3	2.8	3.5	2.5	3.5	3.5	3.8	3.7
Not in labor force	1 281 160	229 713	17.9	14 819	2 195	91 969	8 944	6 736	7 573	97 477	1 051 447

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Male, 55 to 64 years old	1 839 429	629 026	34.2	125 103	9 901	298 154	59 381	17 980	26 168	92 339	1 210 403
Labor force	1 582 759	544 251	34.4	110 172	8 163	262 674	52 147	15 678	22 820	72 597	1 038 508
Armed Forces	2 384	1 211	50.8	244	45	523	155	33	99	112	1 173
Civilian labor force	1 580 375	543 040	34.4	109 928	8 118	262 151	51 992	15 645	22 721	72 485	1 037 335
Employed	1 543 558	528 318	34.2	107 795	7 933	254 592	50 482	15 281	21 939	70 296	1 015 240
Unemployed	36 817	14 722	40.0	2 133	185	7 559	1 510	364	782	2 189	22 095
Percent	2.3	2.7	...	1.9	2.3	2.9	2.9	2.3	3.4	3.0	2.1
Not in labor force	256 670	84 775	33.0	14 931	1 738	35 480	7 234	2 302	3 348	19 742	171 895
COLLEGE 1 TO 3 YEARS											
Male, 55 to 64 years old	731 306	266 899	36.5	78 080	8 286	79 409	45 191	7 347	14 900	33 686	464 407
Labor force	630 983	230 385	36.5	67 723	6 997	69 774	40 023	6 417	13 151	26 300	400 598
Armed Forces	1 084	638	58.9	198	–	255	–	–	21	164	446
Civilian labor force	629 899	229 747	36.5	67 525	6 997	69 519	40 023	6 417	13 130	26 136	400 152
Employed	616 296	223 991	36.3	66 267	6 936	67 322	38 909	6 338	12 774	25 445	392 305
Unemployed	13 603	5 756	42.3	1 258	61	2 197	1 114	79	356	691	7 847
Percent	2.2	2.5	...	1.9	0.9	3.2	2.8	1.2	2.7	2.6	2.0
Not in labor force	100 323	36 514	36.4	10 357	1 289	9 635	5 168	930	1 749	7 386	63 809
COLLEGE 4 YEARS OR MORE											
Male, 55 to 64 years old	801 266	186 388	23.3	40 002	16 348	27 083	36 949	6 098	22 557	37 351	614 878
Labor force	716 640	164 374	22.9	35 795	14 768	24 012	33 008	5 348	20 503	30 940	552 266
Armed Forces	1 458	555	38.1	100	58	60	60	41	120	116	903
Civilian labor force	715 182	163 819	22.9	35 695	14 710	23 952	32 948	5 307	20 383	30 824	551 363
Employed	705 636	160 879	22.8	35 165	14 668	23 484	31 986	5 288	19 979	30 309	544 757
Unemployed	9 546	2 940	30.8	530	42	468	962	19	404	515	6 606
Percent	1.3	1.8	...	1.5	0.3	2.0	2.9	0.4	2.0	1.7	1.2
Not in labor force	84 626	22 014	26.0	4 207	1 580	3 071	3 941	750	2 054	6 411	62 612
LESS THAN 4 YEARS OF COLLEGE											
Male, 65 years old and over	7 904 092	1 609 686	20.4	252 074	22 665	559 046	103 904	34 772	56 807	580 418	6 294 406
Labor force	1 886 860	434 412	23.0	87 941	8 959	158 930	27 581	11 651	18 044	121 306	1 452 448
Armed Forces	2 072	1 158	55.9	132	24	310	169	–	80	443	914
Civilian labor force	1 884 788	433 254	23.0	87 809	8 935	158 620	27 412	11 651	17 964	120 863	1 451 534
Employed	1 788 424	408 217	22.8	83 435	8 574	148 346	25 652	10 908	16 948	114 354	1 380 207
Unemployed	96 364	25 037	26.0	4 374	361	10 274	1 760	743	1 016	6 509	71 327
Percent	5.1	5.8	...	5.0	4.0	6.5	6.4	6.4	5.7	5.4	4.9
Not in labor force	6 017 232	1 175 274	19.5	164 133	13 706	400 116	76 323	23 121	38 763	459 112	4 841 958
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 65 years old and over	6 405 831	1 130 874	17.7	118 738	9 095	422 902	48 291	22 427	35 195	474 226	5 274 957
Labor force	1 397 695	277 228	19.8	37 772	3 023	113 228	11 760	7 063	10 196	94 186	1 120 467
Armed Forces	1 069	543	50.8	74	–	53	15	–	58	343	526
Civilian labor force	1 396 626	276 685	19.8	37 698	3 023	113 175	11 745	7 063	10 138	93 843	1 119 941
Employed	1 320 439	259 288	19.6	35 611	2 891	105 356	10 984	6 580	9 458	88 408	1 061 151
Unemployed	76 187	17 397	22.8	2 087	132	7 819	761	483	680	5 435	58 790
Percent	5.5	6.3	...	5.5	4.4	6.9	6.5	6.8	6.7	5.8	5.2
Not in labor force	5 008 136	853 646	17.0	80 966	6 072	309 674	36 531	15 364	24 999	380 040	4 154 490
HIGH SCHOOL 4 YEARS											
Male, 65 years old and over	994 434	308 732	31.0	79 282	6 266	102 471	29 692	6 715	12 346	71 960	685 702
Labor force	314 235	99 079	31.5	29 624	2 567	34 201	7 662	2 673	4 518	17 834	215 156
Armed Forces	665	385	57.9	38	–	193	101	–	–	53	280
Civilian labor force	313 570	98 694	31.5	29 586	2 567	34 008	7 561	2 673	4 518	17 781	214 876
Employed	299 847	93 814	31.3	28 201	2 472	32 165	7 050	2 495	4 258	17 173	206 033
Unemployed	13 723	4 880	35.6	1 385	95	1 843	511	178	260	608	8 843
Percent	4.4	4.9	...	4.7	3.7	5.4	6.8	6.7	5.8	3.4	4.1
Not in labor force	680 199	209 653	30.8	49 658	3 699	68 270	22 030	4 042	7 828	54 126	470 546
COLLEGE 1 TO 3 YEARS											
Male, 65 years old and over	503 827	170 080	33.8	54 054	7 304	33 673	25 921	5 630	9 266	34 232	333 747
Labor force	174 930	58 105	33.2	20 545	3 369	11 501	8 159	1 915	3 330	9 286	116 825
Armed Forces	338	230	...	20	24	64	53	–	22	47	108
Civilian labor force	174 592	57 875	33.1	20 525	3 345	11 437	8 106	1 915	3 308	9 239	116 717
Employed	168 138	55 115	32.8	19 623	3 211	10 825	7 618	1 833	3 232	8 773	113 023
Unemployed	6 454	2 760	42.8	902	134	612	488	82	76	466	3 694
Percent	3.7	4.8	...	4.4	4.0	5.4	6.0	4.3	2.3	5.0	3.2
Not in labor force	328 897	111 975	34.0	33 509	3 935	22 172	17 762	3 715	5 936	24 946	216 922
COLLEGE 4 YEARS OR MORE											
Male, 65 years old and over	529 238	136 771	25.8	23 276	13 606	12 322	27 544	5 454	17 438	37 131	392 467
Labor force	221 217	57 629	26.1	11 116	8 152	5 283	9 795	2 003	8 737	12 543	163 588
Armed Forces	342	95	...	22	–	–	23	–	–	50	247
Civilian labor force	220 875	57 534	26.0	11 094	8 152	5 283	9 772	2 003	8 737	12 493	163 341
Employed	216 029	55 871	25.9	10 656	8 081	5 120	9 242	1 942	8 521	12 309	160 158
Unemployed	4 846	1 663	34.3	438	71	163	530	61	216	184	3 183
Percent	2.2	2.9	...	3.9	0.9	3.1	5.4	3.0	2.5	1.5	1.9
Not in labor force	308 021	79 142	25.7	12 160	5 454	7 039	17 749	3 451	8 701	24 588	228 879

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 years old and over	**68 399 505**	**14 684 007**	**21.5**	**6 062 250**	**2 440 453**	**1 846 258**	**87 903**	**241 389**	**454 792**	**3 550 962**	**53 715 498**
Labor force	27 516 767	7 682 968	27.9	3 300 856	1 447 383	1 017 418	52 155	113 508	217 308	1 534 340	19 833 799
Armed Forces	39 289	20 217	51.5	6 515	5 272	3 261	777	182	968	3 242	19 072
Civilian labor force	27 477 478	7 662 751	27.9	3 294 341	1 442 111	1 014 157	51 378	113 326	216 340	1 531 098	19 814 727
Employed	25 913 340	7 320 833	28.3	3 149 625	1 396 305	961 234	48 062	105 489	202 889	1 457 229	18 592 507
Unemployed	1 564 138	341 918	21.9	144 716	45 806	52 923	3 316	7 837	13 451	73 869	1 222 220
Percent	5.7	4.5	...	4.4	3.2	5.2	6.5	6.9	6.2	4.8	6.2
Not in labor force	40 882 738	7 001 039	17.1	2 761 394	993 070	828 840	35 748	127 881	237 484	2 016 622	33 881 699
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 years old and over	**34 248 021**	**4 440 177**	**13.0**	**1 122 033**	**528 688**	**679 776**	**20 110**	**99 525**	**111 647**	**1 878 398**	**29 807 844**
Labor force	10 864 167	1 908 837	17.6	500 067	284 786	347 573	8 986	42 759	51 117	673 549	8 955 330
Armed Forces	4 991	1 865	37.4	362	165	475	57	37	21	748	3 126
Civilian labor force	10 859 176	1 906 972	17.6	499 705	284 621	347 098	8 929	42 722	51 096	672 801	8 952 204
Employed	10 054 124	1 800 236	17.9	471 527	270 886	325 328	8 187	39 439	46 491	638 378	8 253 888
Unemployed	805 052	106 736	13.3	28 178	13 735	21 770	742	3 283	4 605	34 423	698 316
Percent	7.4	5.6	...	5.6	4.8	6.3	8.3	7.7	9.0	5.1	7.8
Not in labor force	23 383 854	2 531 340	10.8	621 966	243 902	332 203	11 124	56 766	60 530	1 204 849	20 852 514
HIGH SCHOOL 4 YEARS											
Female, 16 years old and over	**25 541 247**	**7 392 842**	**28.9**	**3 704 783**	**1 151 073**	**997 130**	**39 497**	**107 896**	**193 776**	**1 198 687**	**18 148 405**
Labor force	12 520 226	4 175 625	33.4	2 093 343	701 718	569 182	25 342	54 297	102 210	629 533	8 344 601
Armed Forces	26 057	13 575	52.1	5 178	2 703	2 395	494	145	658	2 002	12 482
Civilian labor force	12 494 169	4 162 050	33.3	2 088 165	699 015	566 787	24 848	54 152	101 552	627 531	8 332 119
Employed	11 899 881	3 984 345	33.5	1 999 715	677 356	539 888	23 309	50 500	95 513	598 064	7 915 536
Unemployed	594 288	177 705	29.9	88 450	21 659	26 899	1 539	3 652	6 039	29 467	416 583
Percent	4.8	4.3	...	4.2	3.1	4.7	6.2	6.7	5.9	4.7	5.0
Not in labor force	13 021 021	3 217 217	24.7	1 611 440	449 355	427 948	14 155	53 599	91 566	569 154	9 803 804
COLLEGE 1 TO 3 YEARS											
Female, 16 years old and over	**8 610 237**	**2 850 988**	**33.1**	**1 235 434**	**760 692**	**169 352**	**28 296**	**33 968**	**149 369**	**473 877**	**5 759 249**
Labor force	4 132 374	1 598 506	38.7	707 446	460 879	100 663	17 827	16 452	63 981	231 258	2 533 868
Armed Forces	8 241	4 777	58.0	975	2 404	391	226	–	289	492	3 464
Civilian labor force	4 124 133	1 593 729	38.6	706 471	458 475	100 272	17 601	16 452	63 692	230 766	2 530 404
Employed	3 959 335	1 536 252	38.8	678 383	448 063	96 018	16 566	15 550	60 885	220 787	2 423 083
Unemployed	164 798	57 477	34.9	28 088	10 412	4 254	1 035	902	2 807	9 979	107 321
Percent	4.0	3.6	...	4.0	2.3	4.2	5.9	5.5	4.4	4.3	4.2
Not in labor force	4 477 863	1 252 482	28.0	527 988	299 813	68 689	10 469	17 516	85 388	242 619	3 225 381
COLLEGE 4 YEARS OR MORE											
Female, 16 years old and over	**5 455 109**	**1 071 945**	**19.7**	**203 205**	**265 280**	**35 114**	**18 273**	**48 466**	**192 196**	**309 411**	**4 383 164**
Labor force	3 239 057	651 222	20.1	126 210	167 875	23 247	12 022	28 086	115 415	178 367	2 587 835
Armed Forces	7 179	2 657	37.0	301	1 447	222	132	20	221	314	4 522
Civilian labor force	3 231 878	648 565	20.1	125 909	166 428	23 025	11 890	28 066	115 194	178 053	2 583 313
Employed	3 161 170	632 384	20.0	122 207	163 619	22 024	11 484	27 453	112 633	172 964	2 528 786
Unemployed	70 708	16 181	22.9	3 702	2 809	1 001	406	613	2 561	5 089	54 527
Percent	2.2	2.5	...	2.9	1.7	4.3	3.4	2.2	2.2	2.9	2.1
Not in labor force	2 216 052	420 723	19.0	76 995	97 405	11 867	6 251	20 380	76 781	131 044	1 795 329
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 to 19 years old	**7 477 167**	**873 007**	**11.7**	**296 545**	**78 039**	**85 195**	**5 060**	**25 637**	**23 423**	**359 108**	**6 604 160**
Labor force	2 642 634	450 733	17.1	202 504	48 587	51 015	2 972	9 616	13 392	122 647	2 191 901
Armed Forces	8 830	3 706	42.0	1 744	662	651	45	41	126	437	5 124
Civilian labor force	2 633 804	447 027	17.0	200 760	47 925	50 364	2 927	9 575	13 266	122 210	2 186 777
Employed	2 332 434	406 106	17.4	184 822	43 655	45 298	2 668	8 345	12 021	109 297	1 926 328
Unemployed	301 370	40 921	13.6	15 938	4 270	5 066	259	1 230	1 245	12 913	260 449
Percent	11.4	9.2	...	7.9	8.9	10.1	8.8	12.8	9.4	10.6	11.9
Not in labor force	4 834 533	422 274	8.7	94 041	29 452	34 180	2 088	16 021	10 031	236 461	4 412 259
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 to 19 years old	**4 963 363**	**362 489**	**7.3**	**88 248**	**23 778**	**31 391**	**1 939**	**16 800**	**9 060**	**191 273**	**4 600 874**
Labor force	1 296 048	123 359	9.5	43 707	12 558	14 413	898	4 659	4 003	43 121	1 172 689
Armed Forces	817	184	22.5	23	46	97	–	–	–	18	633
Civilian labor force	1 295 231	123 175	9.5	43 684	12 512	14 316	898	4 659	4 003	43 103	1 172 056
Employed	1 111 659	108 547	9.8	39 336	10 644	12 421	788	4 045	3 425	37 888	1 003 112
Unemployed	183 572	14 628	8.0	4 348	1 868	1 895	110	614	578	5 215	168 944
Percent	14.2	11.9	...	10.0	14.9	13.2	12.2	13.2	14.4	12.1	14.4
Not in labor force	3 667 315	239 130	6.5	44 541	11 220	16 978	1 041	12 141	5 057	148 152	3 428 185
HIGH SCHOOL 4 YEARS											
Female, 16 to 19 years old	**1 983 226**	**419 583**	**21.2**	**179 635**	**42 768**	**49 711**	**2 275**	**7 680**	**11 489**	**126 025**	**1 563 643**
Labor force	1 101 071	276 316	25.1	137 942	28 426	33 836	1 504	4 285	7 792	62 531	824 755
Armed Forces	7 615	3 359	44.1	1 644	578	554	22	41	126	394	4 256
Civilian labor force	1 093 456	272 957	25.0	136 298	27 848	33 282	1 482	4 244	7 666	62 137	820 499
Employed	991 811	250 082	25.2	126 160	25 800	30 264	1 370	3 692	7 073	55 723	741 729
Unemployed	101 645	22 875	22.5	10 138	2 048	3 018	112	552	593	6 414	78 770
Percent	9.3	8.4	...	7.4	7.4	9.1	7.6	13.0	7.7	10.3	9.6
Not in labor force	882 155	143 267	16.2	41 693	14 342	15 875	771	3 395	3 697	63 494	738 888

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Female, 16 to 19 years old	**530 578**	**90 935**	**17.1**	**28 662**	**11 493**	**4 093**	**846**	**1 157**	**2 874**	**41 810**	**439 643**
Labor force	245 515	51 058	20.8	20 855	7 603	2 766	570	672	1 597	16 995	194 457
Armed Forces	398	163	...	77	38	–	23	–	–	25	235
Civilian labor force	245 117	50 895	20.8	20 778	7 565	2 766	547	672	1 597	16 970	194 222
Employed	228 964	47 477	20.7	19 326	7 211	2 613	510	608	1 523	15 686	181 487
Unemployed	16 153	3 418	21.2	1 452	354	153	37	64	74	1 284	12 735
Percent	6.6	6.7	...	7.0	4.7	5.5	6.8	9.5	4.6	7.6	6.6
Not in labor force	285 063	39 877	14.0	7 807	3 890	1 327	276	485	1 277	24 815	245 186
COLLEGE 4 YEARS OR MORE											
Female, 16 to 19 years old	**1 638**	**442**	**27.0**	**42**	**151**	**64**	–	**21**	**22**	**142**	**1 196**
Labor force	988	190	19.2	25	58	43	–	–	–	64	798
Armed Forces	26	–	–	–	–	–	–	–	–	–	26
Civilian labor force	962	190	19.8	25	58	43	–	–	–	64	772
Employed	877	173	19.7	25	41	43	–	–	–	64	704
Unemployed	85	17	...	–	17	–	–	–	–	–	68
Percent	8.8	...	...	–	...	–	–	–	–	–	8.8
Not in labor force	650	252	38.8	17	93	21	–	21	22	78	398
LESS THAN 4 YEARS OF COLLEGE											
Female, 20 to 24 years old	**7 623 430**	**1 962 234**	**25.7**	**824 862**	**345 113**	**311 391**	**13 263**	**28 188**	**55 595**	**383 822**	**5 661 196**
Labor force	4 118 960	1 321 313	32.1	575 284	249 513	197 596	9 528	15 738	36 079	237 575	2 797 647
Armed Forces	15 298	8 075	52.8	2 525	2 534	1 067	391	80	397	1 081	7 223
Civilian labor force	4 103 662	1 313 238	32.0	572 759	246 979	196 529	9 137	15 658	35 682	236 494	2 790 424
Employed	3 814 256	1 240 568	32.5	541 638	237 163	184 657	8 492	13 972	32 507	222 139	2 573 688
Unemployed	289 406	72 670	25.1	31 121	9 816	11 872	645	1 686	3 175	14 355	216 736
Percent	7.1	5.5	...	5.4	4.0	6.0	7.1	10.8	8.9	6.1	7.8
Not in labor force	3 504 470	640 921	18.3	249 578	95 600	113 795	3 735	12 450	19 516	146 247	2 863 549
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 20 to 24 years old	**1 754 908**	**243 046**	**13.8**	**53 855**	**29 224**	**54 012**	**1 177**	**6 591**	**7 581**	**90 606**	**1 511 862**
Labor force	674 447	135 832	20.1	30 326	16 511	29 386	552	3 191	4 273	51 593	538 615
Armed Forces	1 213	397	32.7	101	49	62	–	–	–	185	816
Civilian labor force	673 234	135 435	20.1	30 225	16 462	29 324	552	3 191	4 273	51 408	537 799
Employed	586 587	122 835	20.9	26 974	14 492	26 622	507	2 830	3 697	47 713	463 752
Unemployed	86 647	12 600	14.5	3 251	1 970	2 702	45	361	576	3 695	74 047
Percent	12.9	9.3	...	10.8	12.0	9.2	8.2	11.3	13.5	7.2	13.8
Not in labor force	1 080 461	107 214	9.9	23 529	12 713	24 626	625	3 400	3 308	39 013	973 247
HIGH SCHOOL 4 YEARS											
Female, 20 to 24 years old	**3 721 271**	**1 173 818**	**31.5**	**557 586**	**177 723**	**218 403**	**6 820**	**15 165**	**28 310**	**169 811**	**2 547 453**
Labor force	2 228 704	805 854	36.2	386 340	128 659	141 149	4 886	8 702	19 201	116 917	1 422 850
Armed Forces	10 134	5 460	53.9	2 046	1 359	821	257	80	244	653	4 674
Civilian labor force	2 218 570	800 394	36.1	384 294	127 300	140 328	4 629	8 622	18 957	116 264	1 418 176
Employed	2 075 189	756 059	36.4	363 510	122 030	132 534	4 235	7 605	17 015	109 130	1 319 130
Unemployed	143 381	44 335	30.9	20 784	5 270	7 794	394	1 017	1 942	7 134	99 046
Percent	6.5	5.5	...	5.4	4.1	5.6	8.5	11.8	10.2	6.1	7.0
Not in labor force	1 492 567	367 964	24.7	171 246	49 064	77 254	1 934	6 463	9 109	52 894	1 124 603
COLLEGE 1 TO 3 YEARS											
Female, 20 to 24 years old	**2 147 251**	**545 370**	**25.4**	**213 421**	**138 166**	**38 976**	**5 266**	**6 432**	**19 704**	**123 405**	**1 601 881**
Labor force	1 215 809	379 627	31.2	158 618	104 343	27 061	4 090	3 845	12 605	69 065	836 182
Armed Forces	3 951	2 218	56.1	378	1 126	184	134	–	153	243	1 733
Civilian labor force	1 211 858	377 409	31.1	158 240	103 217	26 877	3 956	3 845	12 452	68 822	834 449
Employed	1 152 480	361 674	31.4	151 154	100 641	25 501	3 750	3 537	11 795	65 296	790 806
Unemployed	59 378	15 735	26.5	7 086	2 576	1 376	206	308	657	3 526	43 643
Percent	4.9	4.2	...	4.5	2.5	5.1	5.2	8.0	5.3	5.1	5.2
Not in labor force	931 442	165 743	17.8	54 803	33 823	11 915	1 176	2 587	7 099	54 340	765 699
COLLEGE 4 YEARS OR MORE											
Female, 20 to 24 years old	**731 079**	**105 742**	**14.5**	**14 657**	**22 343**	**3 203**	**2 007**	**3 991**	**19 300**	**40 241**	**625 337**
Labor force	581 858	84 824	14.6	11 836	19 005	2 578	1 576	3 268	15 976	30 585	497 034
Armed Forces	2 198	635	28.9	98	332	44	22	–	45	94	1 563
Civilian labor force	579 660	84 189	14.5	11 738	18 673	2 534	1 554	3 268	15 931	30 491	495 471
Employed	561 235	81 224	14.5	11 179	18 464	2 489	1 477	3 090	15 518	29 007	480 011
Unemployed	18 425	2 965	16.1	559	209	45	77	178	413	1 484	15 460
Percent	3.2	3.5	...	4.8	1.1	1.8	5.0	5.4	2.6	4.9	3.1
Not in labor force	149 221	20 918	14.0	2 821	3 338	625	431	723	3 324	9 656	128 303
LESS THAN 4 YEARS OF COLLEGE											
Female, 25 to 34 years old	**11 118 177**	**2 807 976**	**25.3**	**1 227 643**	**550 724**	**398 161**	**18 767**	**44 376**	**70 294**	**498 011**	**8 310 201**
Labor force	4 809 268	1 512 741	31.5	616 660	319 842	201 336	11 599	20 055	37 628	305 621	3 296 527
Armed Forces	6 738	4 068	60.4	916	1 202	844	199	–	178	729	2 670
Civilian labor force	4 802 530	1 508 673	31.4	615 744	318 640	200 492	11 400	20 055	37 450	304 892	3 293 857
Employed	4 525 629	1 439 436	31.8	586 234	308 464	189 531	10 531	18 318	34 941	291 417	3 086 193
Unemployed	276 901	69 237	25.0	29 510	10 176	10 961	869	1 737	2 509	13 475	207 664
Percent	5.8	4.6	...	4.8	3.2	5.5	7.6	8.7	6.7	4.4	6.3
Not in labor force	6 308 909	1 295 235	20.5	610 983	230 882	196 825	7 168	24 321	32 666	192 390	5 013 674

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 25 to 34 years old	**3 654 418**	**498 262**	**13.6**	**118 654**	**62 518**	**101 421**	**2 525**	**12 885**	**13 729**	**186 530**	**3 156 156**
Labor force	1 452 495	277 948	19.1	60 693	37 854	52 364	1 132	5 986	7 229	112 690	1 174 547
Armed Forces	1 018	450	44.2	16	34	187	44	–	–	169	568
Civilian labor force	1 451 477	277 498	19.1	60 677	37 820	52 177	1 088	5 986	7 229	112 521	1 173 979
Employed	1 325 298	258 495	19.5	56 212	35 132	48 037	970	5 228	6 282	106 634	1 066 803
Unemployed	126 179	19 003	15.1	4 465	2 688	4 140	118	758	947	5 887	107 176
Percent	8.7	6.8	...	7.4	7.1	7.9	10.8	12.7	13.1	5.2	9.1
Not in labor force	2 201 923	220 314	10.0	57 961	24 664	49 057	1 393	6 899	6 500	73 840	1 981 609
HIGH SCHOOL 4 YEARS											
Female, 25 to 34 years old	**5 788 748**	**1 693 452**	**29.3**	**846 760**	**280 458**	**256 015**	**9 547**	**25 860**	**37 911**	**236 901**	**4 095 296**
Labor force	2 574 851	891 562	34.6	417 825	163 285	126 687	6 345	11 145	20 041	146 234	1 683 289
Armed Forces	3 829	2 337	61.0	666	459	554	126	–	114	418	1 492
Civilian labor force	2 571 022	889 225	34.6	417 159	162 826	126 133	6 219	11 145	19 927	145 816	1 681 797
Employed	2 450 110	850 923	34.7	397 682	157 790	120 236	5 756	10 331	18 896	140 232	1 599 187
Unemployed	120 912	38 302	31.7	19 477	5 036	5 897	463	814	1 031	5 584	82 610
Percent	4.7	4.3	...	4.7	3.1	4.7	7.4	7.3	5.2	3.8	4.9
Not in labor force	3 213 897	801 890	25.0	428 935	117 173	129 328	3 202	14 715	17 870	90 667	2 412 007
COLLEGE 1 TO 3 YEARS											
Female, 25 to 34 years old	**1 675 011**	**616 262**	**36.8**	**262 229**	**207 748**	**40 725**	**6 695**	**5 631**	**18 654**	**74 580**	**1 058 749**
Labor force	781 922	343 231	43.9	138 142	118 703	22 285	4 122	2 924	10 358	46 697	438 691
Armed Forces	1 891	1 281	67.7	234	709	103	29	–	64	142	610
Civilian labor force	780 031	341 950	43.8	137 908	117 994	22 182	4 093	2 924	10 294	46 555	438 081
Employed	750 221	330 018	44.0	132 340	115 542	21 258	3 805	2 759	9 763	44 551	420 203
Unemployed	29 810	11 932	40.0	5 568	2 452	924	288	165	531	2 004	17 878
Percent	3.8	3.5	...	4.0	2.1	4.2	7.0	5.6	5.2	4.3	4.1
Not in labor force	893 089	273 031	30.6	124 087	89 045	18 440	2 573	2 707	8 296	27 883	620 058
COLLEGE 4 YEARS OR MORE											
Female, 25 to 34 years old	**1 560 757**	**261 399**	**16.7**	**44 075**	**71 555**	**7 838**	**5 254**	**11 992**	**44 657**	**76 028**	**1 299 358**
Labor force	919 997	170 344	18.5	28 533	45 880	5 680	3 392	6 934	27 126	52 799	749 653
Armed Forces	2 420	847	35.0	83	426	137	53	–	107	41	1 573
Civilian labor force	917 577	169 497	18.5	28 450	45 454	5 543	3 339	6 934	27 019	52 758	748 080
Employed	895 080	164 927	18.4	27 568	44 599	5 251	3 255	6 818	26 257	51 179	730 153
Unemployed	22 497	4 570	20.3	882	855	292	84	116	762	1 579	17 927
Percent	2.5	2.7	...	3.1	1.9	5.3	2.5	1.7	2.8	3.0	2.4
Not in labor force	640 760	91 055	14.2	15 542	25 675	2 158	1 862	5 058	17 531	23 229	549 705
LESS THAN 4 YEARS OF COLLEGE											
Female, 35 to 44 years old	**10 801 119**	**2 433 662**	**22.5**	**1 035 141**	**468 249**	**314 267**	**17 012**	**41 190**	**62 538**	**495 265**	**8 367 457**
Labor force	5 370 731	1 439 947	26.8	591 301	300 592	191 192	10 785	21 983	36 693	287 401	3 930 784
Armed Forces	4 526	2 455	54.2	646	527	400	142	43	132	565	2 071
Civilian labor force	5 366 205	1 437 492	26.8	590 655	300 065	190 792	10 643	21 940	36 561	286 836	3 928 713
Employed	5 120 277	1 383 131	27.0	568 102	291 854	182 131	9 975	20 775	34 604	275 690	3 737 146
Unemployed	245 928	54 361	22.1	22 553	8 211	8 661	668	1 165	1 957	11 146	191 567
Percent	4.6	3.8	...	3.8	2.7	4.5	6.3	5.3	5.4	3.9	4.9
Not in labor force	5 430 388	993 715	18.3	443 840	167 657	123 075	6 227	19 207	25 845	207 864	4 436 673
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 35 to 44 years old	**4 436 443**	**616 179**	**13.9**	**144 998**	**85 378**	**120 229**	**3 387**	**13 811**	**15 684**	**232 692**	**3 820 264**
Labor force	2 094 310	373 546	17.8	87 669	59 362	74 826	2 052	7 524	9 606	132 507	1 720 764
Armed Forces	1 005	558	55.5	139	16	88	13	19	–	283	447
Civilian labor force	2 093 305	372 988	17.8	87 530	59 346	74 738	2 039	7 505	9 606	132 224	1 720 317
Employed	1 964 660	354 965	18.1	83 381	56 950	70 723	1 821	7 038	8 668	126 384	1 609 695
Unemployed	128 645	18 023	14.0	4 149	2 396	4 015	218	467	938	5 840	110 622
Percent	6.1	4.8	...	4.7	4.0	5.4	10.7	6.2	9.8	4.4	6.4
Not in labor force	2 342 133	242 633	10.4	57 329	26 016	45 403	1 335	6 287	6 078	100 185	2 099 500
HIGH SCHOOL 4 YEARS											
Female, 35 to 44 years old	**5 062 246**	**1 344 016**	**26.5**	**687 732**	**225 133**	**167 559**	**7 855**	**21 654**	**31 086**	**202 997**	**3 718 230**
Labor force	2 615 092	787 831	30.1	388 480	145 161	99 752	5 218	11 522	18 320	119 378	1 827 261
Armed Forces	2 577	1 349	52.3	409	155	288	89	24	102	282	1 228
Civilian labor force	2 612 515	786 482	30.1	388 071	145 006	99 464	5 129	11 498	18 218	119 096	1 826 033
Employed	2 517 015	758 784	30.1	373 959	141 144	95 394	4 886	10 921	17 466	115 014	1 758 231
Unemployed	95 500	27 698	29.0	14 112	3 862	4 070	243	577	752	4 082	67 802
Percent	3.7	3.5	...	3.6	2.7	4.1	4.7	5.0	4.1	3.4	3.7
Not in labor force	2 447 154	556 185	22.7	299 252	79 972	67 807	2 637	10 132	12 766	83 619	1 890 969
COLLEGE 1 TO 3 YEARS											
Female, 35 to 44 years old	**1 302 430**	**473 467**	**36.4**	**202 411**	**157 738**	**26 479**	**5 770**	**5 725**	**15 768**	**59 576**	**828 963**
Labor force	661 329	278 570	42.1	115 152	96 069	16 614	3 515	2 937	8 767	35 516	382 759
Armed Forces	944	548	58.1	98	356	24	40	–	30	–	396
Civilian labor force	660 385	278 022	42.1	115 054	95 713	16 590	3 475	2 937	8 737	35 516	382 363
Employed	638 602	269 382	42.2	110 762	93 760	16 014	3 268	2 816	8 470	34 292	369 220
Unemployed	21 783	8 640	39.7	4 292	1 953	576	207	121	267	1 224	13 143
Percent	3.3	3.1	...	3.7	2.0	3.5	6.0	4.1	3.1	3.4	3.4
Not in labor force	641 101	194 897	30.4	87 259	61 669	9 865	2 255	2 788	7 001	24 060	446 204

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Female, 35 to 44 years old	**1 059 196**	**205 793**	**19.4**	**39 934**	**62 431**	**6 363**	**4 085**	**9 656**	**29 144**	**54 180**	**853 403**
Labor force	629 835	131 221	20.8	25 302	38 687	4 535	2 865	5 815	19 600	34 417	498 614
Armed force	1 169	563	48.2	85	362	17	41	–	13	45	606
Civilian labor force	628 666	130 658	20.8	25 217	38 325	4 518	2 824	5 815	19 587	34 372	498 008
Employed	616 159	127 735	20.7	24 505	37 595	4 385	2 696	5 699	19 240	33 615	488 424
Unemployed	12 507	2 923	23.4	712	730	133	128	116	347	757	9 584
Percent	2.0	2.2	...	2.8	1.9	2.9	4.5	2.0	1.8	2.2	1.9
Not in labor force	429 361	74 572	17.4	14 632	23 744	1 828	1 220	3 841	9 544	19 763	354 789
LESS THAN 4 YEARS OF COLLEGE											
Female, 45 to 54 years old	**11 153 541**	**2 670 224**	**23.9**	**1 189 427**	**425 803**	**391 888**	**17 531**	**49 026**	**68 939**	**527 610**	**8 483 317**
Labor force	5 776 841	1 639 634	28.4	747 803	291 418	234 591	11 028	27 138	41 846	285 810	4 137 207
Armed Forces	2 554	1 306	51.1	464	327	198	–	18	114	185	1 248
Civilian labor force	5 774 287	1 638 328	28.4	747 339	291 091	234 393	11 028	27 120	41 732	285 625	4 135 959
Employed	5 543 076	1 583 768	28.6	723 785	283 879	224 512	10 589	26 016	39 570	275 417	3 959 308
Unemployed	231 211	54 560	23.6	23 554	7 212	9 881	439	1 104	2 162	10 208	176 651
Percent	4.0	3.3	...	3.2	2.5	4.2	4.0	4.1	5.2	3.6	4.3
Not in labor force	5 376 700	1 030 590	19.2	441 624	134 385	157 297	6 503	21 888	27 093	241 800	4 346 110
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 45 to 54 years old	**5 393 723**	**769 511**	**14.3**	**171 896**	**106 768**	**165 186**	**3 992**	**21 497**	**19 444**	**280 728**	**4 624 212**
Labor force	2 550 107	453 080	17.8	106 457	75 054	98 924	2 333	11 805	11 395	147 112	2 097 027
Armed Forces	478	138	28.9	44	–	25	–	18	–	51	340
Civilian labor force	2 549 629	452 942	17.8	106 413	75 054	98 899	2 333	11 787	11 395	147 061	2 096 687
Employed	2 418 648	434 083	17.9	102 385	72 663	93 879	2 311	11 166	10 582	141 097	1 984 565
Unemployed	130 981	18 859	14.4	4 028	2 391	5 020	22	621	813	5 964	112 122
Percent	5.1	4.2	...	3.8	3.2	5.1	0.9	5.3	7.1	4.1	5.3
Not in labor force	2 843 616	316 431	11.1	65 439	31 714	66 262	1 659	9 692	8 049	133 616	2 527 185
HIGH SCHOOL 4 YEARS											
Female, 45 to 54 years old	**4 573 984**	**1 405 451**	**30.7**	**756 705**	**201 460**	**195 887**	**8 040**	**21 678**	**30 600**	**191 081**	**3 168 533**
Labor force	2 555 112	877 158	34.3	478 875	137 955	116 805	5 083	12 091	19 317	107 032	1 677 954
Armed Forces	1 379	707	51.3	252	152	118	–	–	72	113	672
Civilian labor force	2 553 733	876 451	34.3	478 623	137 803	116 687	5 083	12 091	19 245	106 919	1 677 282
Employed	2 472 750	850 139	34.4	464 578	134 851	112 423	4 841	11 671	18 314	103 461	1 622 611
Unemployed	80 983	26 312	32.5	14 045	2 952	4 264	242	420	931	3 458	54 671
Percent	3.2	3.0	...	2.9	2.1	3.7	4.8	3.5	4.8	3.2	3.3
Not in labor force	2 018 872	528 293	26.2	277 830	63 505	79 082	2 957	9 587	11 283	84 049	1 490 579
COLLEGE 1 TO 3 YEARS											
Female, 45 to 54 years old	**1 185 834**	**495 262**	**41.8**	**260 826**	**117 575**	**30 815**	**5 499**	**5 851**	**18 895**	**55 801**	**690 572**
Labor force	671 622	309 396	46.1	162 471	78 409	18 862	3 612	3 242	11 134	31 666	362 226
Armed Forces	697	461	66.1	168	175	55	–	–	42	21	236
Civilian labor force	670 925	308 935	46.0	162 303	78 234	18 807	3 612	3 242	11 092	31 645	361 990
Employed	651 678	299 546	46.0	156 822	76 365	18 210	3 437	3 179	10 674	30 859	352 132
Unemployed	19 247	9 389	48.8	5 481	1 869	597	175	63	418	786	9 858
Percent	2.9	3.0	...	3.4	2.4	3.2	4.8	1.9	3.8	2.5	2.7
Not in labor force	514 212	185 866	36.1	98 355	39 166	11 953	1 887	2 609	7 761	24 135	328 346
COLLEGE 4 YEARS OR MORE											
Female, 45 to 54 years old	**842 867**	**199 553**	**23.7**	**48 382**	**54 293**	**8 092**	**3 880**	**8 877**	**30 858**	**45 171**	**643 314**
Labor force	567 844	135 765	23.9	32 945	37 735	5 695	2 504	6 387	22 412	28 087	432 079
Armed Forces	1 062	487	45.9	35	307	18	16	–	35	76	575
Civilian labor force	566 782	135 278	23.9	32 910	37 428	5 677	2 488	6 387	22 377	28 011	431 504
Employed	558 285	132 491	23.7	32 194	36 877	5 423	2 435	6 294	21 978	27 290	425 794
Unemployed	8 497	2 787	32.8	716	551	254	53	93	399	721	5 710
Percent	1.5	2.1	...	2.2	1.5	4.5	2.1	1.5	1.8	2.6	1.3
Not in labor force	275 023	63 788	23.2	15 437	16 558	2 397	1 376	2 490	8 446	17 084	211 235
LESS THAN 4 YEARS OF COLLEGE											
Female, 55 to 64 years old	**9 134 977**	**2 010 585**	**22.0**	**852 968**	**327 221**	**216 399**	**8 633**	**30 239**	**72 837**	**502 288**	**7 124 392**
Labor force	3 738 172	1 038 031	27.8	456 626	192 225	114 195	4 610	15 554	36 405	218 416	2 700 141
Armed Forces	949	466	49.1	200	–	101	–	–	–	165	483
Civilian labor force	3 737 223	1 037 565	27.8	456 426	192 225	114 094	4 610	15 554	36 405	218 251	2 699 658
Employed	3 593 112	1 004 182	27.9	441 701	188 027	109 460	4 468	14 949	34 833	210 744	2 588 930
Unemployed	144 111	33 383	23.2	14 725	4 198	4 634	142	605	1 572	7 507	110 728
Percent	3.9	3.2	...	3.2	2.2	4.1	3.1	3.9	4.3	3.4	4.1
Not in labor force	5 396 805	972 554	18.0	396 342	134 996	102 204	4 023	14 685	36 432	283 872	4 424 251
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 55 to 64 years old	**5 731 384**	**849 800**	**14.8**	**262 116**	**108 368**	**118 958**	**3 354**	**15 601**	**19 328**	**322 075**	**4 881 584**
Labor force	2 121 839	409 855	19.3	129 151	64 475	61 907	1 535	7 736	10 139	134 912	1 711 984
Armed Forces	276	73	...	39	–	16	–	–	–	18	203
Civilian labor force	2 121 563	409 782	19.3	129 112	64 475	61 891	1 535	7 736	10 139	134 894	1 711 781
Employed	2 025 879	394 674	19.5	124 135	62 933	59 006	1 496	7 457	9 592	130 055	1 631 205
Unemployed	95 684	15 108	15.8	4 977	1 542	2 885	39	279	547	4 839	80 576
Percent	4.5	3.7	...	3.9	2.4	4.7	2.5	3.6	5.4	3.6	4.7
Not in labor force	3 609 545	439 945	12.2	132 965	43 893	57 051	1 819	7 865	9 189	187 163	3 169 600

Table 1. **Labor Force Status of All Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

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		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Female, 55 to 64 years old	**2 513 736**	**814 056**	**32.4**	**428 029**	**139 132**	**79 596**	**2 817**	**10 290**	**24 818**	**129 374**	**1 699 680**
Labor force	1 187 824	442 085	37.2	236 732	82 027	42 619	1 713	5 800	12 823	60 371	745 739
Armed Forces	421	329	78.1	161	–	60	–	–	–	108	92
Civilian labor force	1 187 403	441 756	37.2	236 571	82 027	42 559	1 713	5 800	12 823	60 263	745 647
Employed	1 150 809	428 900	37.3	229 703	80 195	41 191	1 693	5 594	12 261	58 263	721 909
Unemployed	36 594	12 856	35.1	6 868	1 832	1 368	20	206	562	2 000	23 738
Percent	3.1	2.9	...	2.9	2.2	3.2	1.2	3.6	4.4	3.3	3.2
Not in labor force	1 325 912	371 971	28.1	191 297	57 105	36 977	1 104	4 490	11 995	69 003	953 941
COLLEGE 1 TO 3 YEARS											
Female, 55 to 64 years old	**889 857**	**346 729**	**39.0**	**162 823**	**79 721**	**17 845**	**2 462**	**4 348**	**28 691**	**50 839**	**543 128**
Labor force	428 509	186 091	43.4	90 743	45 723	9 669	1 362	2 018	13 443	23 133	242 418
Armed Forces	252	64	...	–	–	25	–	–	–	39	188
Civilian labor force	428 257	186 027	43.4	90 743	45 723	9 644	1 362	2 018	13 443	23 094	242 230
Employed	416 424	180 608	43.4	87 863	44 899	9 263	1 279	1 898	12 980	22 426	235 816
Unemployed	11 833	5 419	45.8	2 880	824	381	83	120	463	668	6 414
Percent	2.8	2.9	...	3.2	1.8	4.0	6.1	5.9	3.4	2.9	2.6
Not in labor force	461 348	160 638	34.8	72 080	33 998	8 176	1 100	2 330	15 248	27 706	300 710
COLLEGE 4 YEARS OR MORE											
Female, 55 to 64 years old	**692 171**	**164 759**	**23.8**	**36 318**	**33 243**	**5 441**	**1 830**	**7 430**	**35 065**	**45 432**	**527 412**
Labor force	427 598	101 242	23.7	22 088	21 312	3 535	1 183	4 267	23 506	25 351	326 356
Armed Forces	157	67	...	–	20	6	–	20	21	–	90
Civilian labor force	427 441	101 175	23.7	22 088	21 292	3 529	1 183	4 247	23 485	25 351	326 266
Employed	422 434	99 570	23.6	21 590	21 069	3 391	1 140	4 208	23 124	25 048	322 864
Unemployed	5 007	1 605	32.1	498	223	138	43	39	361	303	3 402
Percent	1.2	1.6	...	2.3	1.0	3.9	3.6	0.9	1.5	1.2	1.0
Not in labor force	264 573	63 517	24.0	14 230	11 931	1 906	647	3 163	11 559	20 081	201 056
LESS THAN 4 YEARS OF COLLEGE											
Female, 65 years old and over	**11 091 094**	**1 926 319**	**17.4**	**635 664**	**245 304**	**128 957**	**7 637**	**22 733**	**101 166**	**784 858**	**9 164 775**
Labor force	1 060 161	280 569	26.5	110 678	45 206	27 493	1 633	3 424	15 265	76 870	779 592
Armed Forces	394	141	...	20	20	–	–	–	21	80	253
Civilian labor force	1 059 767	280 428	26.5	110 658	45 186	27 493	1 633	3 424	15 244	76 790	779 339
Employed	984 556	263 642	26.8	103 343	43 263	25 645	1 339	3 114	14 413	72 525	720 914
Unemployed	75 211	16 786	22.3	7 315	1 923	1 848	294	310	831	4 265	58 425
Percent	7.1	6.0	...	6.6	4.3	6.7	18.0	9.1	5.5	5.6	7.5
Not in labor force	10 030 933	1 645 750	16.4	524 986	200 098	101 464	6 004	19 309	85 901	707 988	8 385 183
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 65 years old and over	**8 313 782**	**1 100 890**	**13.2**	**282 266**	**112 654**	**88 579**	**3 736**	**12 340**	**26 821**	**574 494**	**7 212 892**
Labor force	674 921	135 217	20.0	42 064	18 972	15 753	484	1 858	4 472	51 614	539 704
Armed Forces	184	65	...	–	20	–	–	–	21	24	119
Civilian labor force	674 737	135 152	20.0	42 064	18 952	15 753	484	1 858	4 451	51 590	539 585
Employed	621 393	126 637	20.4	39 104	18 072	14 640	294	1 675	4 245	48 607	494 756
Unemployed	53 344	8 515	16.0	2 960	880	1 113	190	183	206	2 983	44 829
Percent	7.9	6.3	...	7.0	4.6	7.1	39.3	9.8	4.6	5.8	8.3
Not in labor force	7 638 861	965 673	12.6	240 202	93 682	72 826	3 252	10 482	22 349	522 880	6 673 188
HIGH SCHOOL 4 YEARS											
Female, 65 years old and over	**1 898 036**	**542 466**	**28.6**	**248 336**	**84 399**	**29 959**	**2 143**	**5 569**	**29 562**	**142 498**	**1 355 570**
Labor force	257 572	94 819	36.8	47 149	16 205	8 334	593	752	4 716	17 070	162 753
Armed Forces	102	34	...	–	–	–	–	–	–	34	68
Civilian labor force	257 470	94 785	36.8	47 149	16 205	8 334	593	752	4 716	17 036	162 685
Employed	242 197	89 458	36.9	44 123	15 546	7 846	528	686	4 488	16 241	152 739
Unemployed	15 273	5 327	34.9	3 026	659	488	65	66	228	795	9 946
Percent	5.9	5.6	...	6.4	4.1	5.9	11.0	8.8	4.8	4.7	6.1
Not in labor force	1 640 464	447 647	27.3	201 187	68 194	21 625	1 550	4 817	24 846	125 428	1 192 817
COLLEGE 1 TO 3 YEARS											
Female, 65 years old and over	**879 276**	**282 963**	**32.2**	**105 062**	**48 251**	**10 419**	**1 758**	**4 824**	**44 783**	**67 866**	**596 313**
Labor force	127 668	50 533	39.6	21 465	10 029	3 406	556	814	6 077	8 186	77 135
Armed Forces	108	42	...	20	–	–	–	–	–	22	66
Civilian labor force	127 560	50 491	39.6	21 445	10 029	3 406	556	814	6 077	8 164	77 069
Employed	120 966	47 547	39.3	20 116	9 645	3 159	517	753	5 680	7 677	73 419
Unemployed	6 594	2 944	44.6	1 329	384	247	39	61	397	487	3 650
Percent	5.2	5.8	...	6.2	3.8	7.3	7.0	7.5	6.5	6.0	4.7
Not in labor force	751 608	232 430	30.9	83 597	38 222	7 013	1 202	4 010	38 706	59 680	519 178
COLLEGE 4 YEARS OR MORE											
Female, 65 years old and over	**567 401**	**134 257**	**23.7**	**19 797**	**21 264**	**4 113**	**1 217**	**6 499**	**33 150**	**48 217**	**433 144**
Labor force	110 937	27 636	24.9	5 481	5 198	1 181	502	1 415	6 795	7 064	83 301
Armed Forces	147	58	...	–	–	–	–	–	–	58	89
Civilian labor force	110 790	27 578	24.9	5 481	5 198	1 181	502	1 415	6 795	7 006	83 212
Employed	107 100	26 264	24.5	5 146	4 974	1 042	481	1 344	6 516	6 761	80 836
Unemployed	3 690	1 314	35.6	335	224	139	21	71	279	245	2 376
Percent	3.3	4.8	...	6.1	4.3	11.8	4.2	5.0	4.1	3.5	2.9
Not in labor force	456 464	106 621	23.4	14 316	16 066	2 932	715	5 084	26 355	41 153	349 843

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 years old and over	**52 430 534**	**14 790 189**	**28.2**	**1 835 356**	**245 916**	**7 282 213**	**1 434 580**	**443 176**	**670 276**	**2 878 672**	**37 640 345**
Labor force	39 661 521	12 514 355	31.6	1 567 106	212 859	6 507 903	1 279 204	383 863	587 548	1 975 872	27 147 166
Armed Forces	1 477 366	700 873	47.4	75 603	23 170	343 570	85 832	18 264	54 689	99 745	776 493
Civilian labor force	38 184 155	11 813 482	30.9	1 491 503	189 689	6 164 333	1 193 372	365 599	532 859	1 876 127	26 370 673
Employed	36 668 511	11 437 459	31.2	1 453 943	184 340	5 973 362	1 160 509	356 343	513 299	1 795 663	25 231 052
Unemployed	1 515 644	376 023	24.8	37 560	5 349	190 971	32 863	9 256	19 560	80 464	1 139 621
Percent	4.0	3.2	...	2.5	2.8	3.1	2.8	2.5	3.7	4.3	4.3
Not in labor force	12 769 013	2 275 834	17.8	268 250	33 057	774 310	155 376	59 313	82 728	902 800	10 493 179
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 years old and over	**27 312 912**	**5 483 934**	**20.1**	**369 471**	**53 036**	**2 788 333**	**241 442**	**183 921**	**217 181**	**1 630 550**	**21 828 978**
Labor force	18 069 636	4 105 373	22.7	261 456	41 791	2 282 083	184 585	147 856	174 761	1 012 841	13 964 263
Armed Forces	301 435	118 916	39.4	7 218	2 824	58 610	8 765	2 914	9 568	29 017	182 519
Civilian labor force	17 768 201	3 986 457	22.4	254 238	38 967	2 223 473	175 820	144 942	165 193	983 824	13 781 744
Employed	16 877 568	3 828 265	22.7	245 545	37 438	2 137 368	168 894	140 480	157 508	941 032	13 049 303
Unemployed	890 633	158 192	17.8	8 693	1 529	86 105	6 926	4 462	7 685	42 792	732 441
Percent	5.0	4.0	...	3.4	3.9	3.9	3.9	3.1	4.7	4.3	5.3
Not in labor force	9 243 276	1 378 561	14.9	108 015	11 245	506 250	56 857	36 065	42 420	617 709	7 864 715
HIGH SCHOOL 4 YEARS											
Male, 16 years old and over	**17 219 982**	**6 535 800**	**38.0**	**878 698**	**109 315**	**3 558 369**	**650 435**	**192 825**	**299 915**	**846 243**	**10 684 182**
Labor force	15 249 764	5 985 831	39.3	787 154	98 507	3 365 759	601 067	179 200	277 830	676 314	9 263 933
Armed Forces	854 485	427 638	50.0	45 243	13 691	224 604	48 739	12 585	31 620	51 156	426 847
Civilian labor force	14 395 279	5 558 193	38.6	741 911	84 816	3 141 155	552 328	166 615	246 210	625 158	8 837 086
Employed	13 947 163	5 402 386	38.7	724 473	82 210	3 057 083	537 734	163 040	238 080	599 766	8 544 777
Unemployed	448 116	155 807	34.8	17 438	2 606	84 072	14 594	3 575	8 130	25 392	292 309
Percent	3.1	2.8	...	2.4	3.1	2.7	2.6	2.1	3.3	4.1	3.3
Not in labor force	1 970 218	549 969	27.9	91 544	10 808	192 610	49 368	13 625	22 085	169 929	1 420 249
COLLEGE 1 TO 3 YEARS											
Male, 16 years old and over	**7 897 640**	**2 770 455**	**35.1**	**587 187**	**83 565**	**935 511**	**542 703**	**66 430**	**153 180**	**401 879**	**5 127 185**
Labor force	6 342 121	2 423 151	38.2	518 496	72 561	860 061	493 552	56 807	134 957	286 717	3 918 970
Armed Forces	321 446	154 319	48.0	23 142	6 655	60 356	28 328	2 765	13 501	19 572	167 127
Civilian labor force	6 020 675	2 268 832	37.7	495 354	65 906	799 705	465 224	54 042	121 456	267 145	3 751 843
Employed	5 843 780	2 206 808	37.8	483 925	64 692	778 911	453 881	52 823	117 711	254 865	3 636 972
Unemployed	176 895	62 024	35.1	11 429	1 214	20 794	11 343	1 219	3 745	12 280	114 871
Percent	2.9	2.7	...	2.3	1.8	2.6	2.4	2.3	3.1	4.6	3.1
Not in labor force	1 555 519	347 304	22.3	68 691	11 004	75 450	49 151	9 623	18 223	115 162	1 208 215
COLLEGE 4 YEARS OR MORE											
Male, 16 years old and over	**7 507 846**	**1 661 891**	**22.1**	**311 022**	**119 355**	**333 721**	**362 612**	**49 629**	**174 188**	**311 364**	**5 845 955**
Labor force	6 821 217	1 507 084	22.1	287 255	108 593	316 228	332 024	44 575	158 032	260 377	5 314 133
Armed Forces	283 544	79 019	27.9	10 358	5 124	22 690	13 445	1 574	12 826	13 002	204 525
Civilian labor force	6 537 673	1 428 065	21.8	276 897	103 469	293 538	318 579	43 001	145 206	247 375	5 109 608
Employed	6 447 239	1 401 285	21.7	272 017	102 819	288 661	311 401	42 463	142 296	241 628	5 045 954
Unemployed	90 434	26 780	29.6	4 880	650	4 877	7 178	538	2 910	5 747	63 654
Percent	1.4	1.9	...	1.8	0.6	1.7	2.3	1.3	2.0	2.3	1.2
Not in labor force	686 629	154 807	22.5	23 767	10 762	17 493	30 588	5 054	16 156	50 987	531 822
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 to 19 years old	**6 575 600**	**691 270**	**10.5**	**48 265**	**7 240**	**221 303**	**43 331**	**34 094**	**23 929**	**313 108**	**5 884 330**
Labor force	3 259 684	433 711	13.3	36 616	5 368	172 628	30 813	23 250	17 600	147 436	2 825 973
Armed Forces	252 768	81 185	32.1	7 053	1 949	38 697	7 203	4 659	5 352	16 272	171 583
Civilian labor force	3 006 916	352 526	11.7	29 563	3 419	133 931	23 610	18 591	12 248	131 164	2 654 390
Employed	2 698 466	322 303	11.9	27 600	3 178	122 608	21 718	17 379	10 685	119 135	2 376 163
Unemployed	308 450	30 223	9.8	1 963	241	11 323	1 892	1 212	1 563	12 029	278 227
Percent	10.3	8.6	...	6.6	7.0	8.5	8.0	6.5	12.8	9.2	10.5
Not in labor force	3 315 916	257 559	7.8	11 649	1 872	48 675	12 518	10 844	6 329	165 672	3 058 357
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 to 19 years old	**4 570 487**	**333 029**	**7.3**	**14 242**	**2 287**	**106 994**	**14 231**	**17 734**	**10 357**	**167 184**	**4 237 458**
Labor force	2 027 607	173 118	8.5	9 395	1 549	72 718	8 841	9 944	6 920	63 751	1 854 489
Armed Forces	84 851	21 711	25.6	1 321	341	10 609	1 505	1 144	1 702	5 089	63 140
Civilian labor force	1 942 756	151 407	7.8	8 074	1 208	62 109	7 336	8 800	5 218	58 662	1 791 349
Employed	1 718 788	136 513	7.9	7 361	1 088	55 867	6 621	8 068	4 364	53 144	1 582 275
Unemployed	223 968	14 894	6.7	713	120	6 242	715	732	854	5 518	209 074
Percent	11.5	9.8	...	8.8	9.9	10.1	9.7	8.3	16.4	9.4	11.7
Not in labor force	2 542 880	159 911	6.3	4 847	738	34 276	5 390	7 790	3 437	103 433	2 382 969
HIGH SCHOOL 4 YEARS											
Male, 16 to 19 years old	**1 526 365**	**288 558**	**18.9**	**27 093**	**4 048**	**104 143**	**23 006**	**13 425**	**11 189**	**105 654**	**1 237 807**
Labor force	991 152	219 467	22.1	22 182	3 285	92 148	18 003	11 170	9 086	63 593	771 685
Armed Forces	149 950	54 573	36.4	5 049	1 409	26 571	5 122	3 277	3 391	9 754	95 377
Civilian labor force	841 202	164 894	19.6	17 133	1 876	65 577	12 881	7 893	5 695	53 839	676 308
Employed	770 662	152 109	19.7	16 211	1 776	60 788	11 819	7 479	5 129	48 907	618 553
Unemployed	70 540	12 785	18.1	922	100	4 789	1 062	414	566	4 932	57 755
Percent	8.4	7.8	...	5.4	5.3	7.3	8.2	5.2	9.9	9.2	8.5
Not in labor force	535 213	69 091	12.9	4 911	763	11 995	5 003	2 255	2 103	42 061	466 122

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Male, 16 to 19 years old	**478 748**	**69 683**	**14.6**	**6 930**	**905**	**10 166**	**6 094**	**2 935**	**2 383**	**40 270**	**409 065**
Labor force	240 925	41 126	17.1	5 039	534	7 762	3 969	2 136	1 594	20 092	199 799
Armed Forces	17 967	4 901	27.3	683	199	1 517	576	238	259	1 429	13 066
Civilian labor force	222 958	36 225	16.2	4 356	335	6 245	3 393	1 898	1 335	18 663	186 733
Employed	209 016	33 681	16.1	4 028	314	5 953	3 278	1 832	1 192	17 084	175 335
Unemployed	13 942	2 544	18.2	328	21	292	115	66	143	1 579	11 398
Percent	6.3	7.0	...	7.5	...	4.7	3.4	3.5	10.7	8.5	6.1
Not in labor force	237 823	28 557	12.0	1 891	371	2 404	2 125	799	789	20 178	209 266
COLLEGE 4 YEARS OR MORE											
Male, 16 to 19 years old	**1 263**	**408**	**32.3**	**63**	**46**	**41**	**23**	**–**	**66**	**169**	**855**
Labor force	1 103	365	33.1	63	19	41	23	–	66	153	738
Armed Forces	425	112	26.4	19	–	22	–	–	46	25	313
Civilian labor force	678	253	37.3	44	19	19	23	–	20	128	425
Employed	678	253	37.3	44	19	19	23	–	20	128	425
Unemployed	–	–	–	–	–	–	–	–	–	–	–
Percent	–	–	...	–	–	–	–	–	–	–	–
Not in labor force	160	43	...	–	27	–	–	–	–	16	117
LESS THAN 4 YEARS OF COLLEGE											
Male, 20 to 24 years old	**6 078 166**	**1 745 421**	**28.7**	**206 032**	**43 708**	**783 923**	**197 623**	**46 974**	**103 513**	**363 648**	**4 332 745**
Labor force	4 958 119	1 543 923	31.1	186 763	39 099	730 458	178 511	41 893	92 600	274 599	3 414 196
Armed Forces	720 860	323 353	44.9	33 389	9 733	157 242	41 255	9 538	24 242	47 954	397 507
Civilian labor force	4 237 259	1 220 570	28.8	153 374	29 366	573 216	137 256	32 355	68 358	226 645	3 016 689
Employed	3 959 100	1 148 945	29.0	144 892	27 775	539 277	130 313	31 285	63 966	211 437	2 810 155
Unemployed	278 159	71 625	25.7	8 482	1 591	33 939	6 943	1 070	4 392	15 208	206 534
Percent	6.6	5.9	...	5.5	5.4	5.9	5.1	3.3	6.4	6.7	6.8
Not in labor force	1 120 047	201 498	18.0	19 269	4 609	53 465	19 112	5 081	10 913	89 049	918 549
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 20 to 24 years old	**1 303 125**	**271 687**	**20.8**	**13 377**	**4 043**	**135 113**	**13 805**	**6 542**	**16 427**	**82 380**	**1 031 438**
Labor force	1 100 789	235 196	21.4	12 062	3 573	122 469	12 335	5 955	14 449	64 353	865 593
Armed Forces	99 728	35 259	35.4	1 652	619	17 500	2 595	1 074	3 020	8 799	64 469
Civilian labor force	1 001 061	199 937	20.0	10 410	2 954	104 969	9 740	4 881	11 429	55 554	801 124
Employed	909 508	183 322	20.2	9 447	2 670	96 026	8 899	4 692	10 241	51 347	726 186
Unemployed	91 553	16 615	18.1	963	284	8 943	841	189	1 188	4 207	74 938
Percent	9.1	8.3	...	9.3	9.6	8.5	8.6	3.9	10.4	7.6	9.4
Not in labor force	202 336	36 491	18.0	1 315	470	12 644	1 470	587	1 978	18 027	165 845
HIGH SCHOOL 4 YEARS											
Male, 20 to 24 years old	**2 517 847**	**941 260**	**37.4**	**108 084**	**20 944**	**500 920**	**96 807**	**25 171**	**54 972**	**134 362**	**1 576 587**
Labor force	2 324 565	878 519	37.8	100 421	19 472	477 143	91 119	23 805	51 204	115 355	1 446 046
Armed Forces	414 520	197 808	47.7	18 218	5 476	105 759	21 875	6 539	13 785	26 156	216 712
Civilian labor force	1 910 045	680 711	35.6	82 203	13 996	371 384	69 244	17 266	37 419	89 199	1 229 334
Employed	1 794 165	643 096	35.8	77 613	13 083	351 050	65 677	16 757	35 205	83 711	1 151 069
Unemployed	115 880	37 615	32.5	4 590	913	20 334	3 567	509	2 214	5 488	78 265
Percent	6.1	5.5	...	5.6	6.5	5.5	5.2	2.9	5.9	6.2	6.4
Not in labor force	193 282	62 741	32.5	7 663	1 472	23 777	5 688	1 366	3 768	19 007	130 541
COLLEGE 1 TO 3 YEARS											
Male, 20 to 24 years old	**2 257 194**	**532 474**	**23.6**	**84 571**	**18 721**	**147 890**	**87 011**	**15 261**	**32 114**	**146 906**	**1 724 720**
Labor force	1 532 765	430 208	28.1	74 280	16 054	130 846	75 057	12 133	26 947	94 891	1 102 557
Armed Forces	206 612	90 286	43.7	13 519	3 638	33 983	16 785	1 925	7 437	12 999	116 326
Civilian labor force	1 326 153	339 922	25.6	60 761	12 416	96 863	58 272	10 208	19 510	81 892	986 231
Employed	1 255 427	322 527	25.7	57 832	12 022	92 201	55 737	9 836	18 520	76 379	932 900
Unemployed	70 726	17 395	24.6	2 929	394	4 662	2 535	372	990	5 513	53 331
Percent	5.3	5.1	...	4.8	3.2	4.8	4.4	3.6	5.1	6.7	5.4
Not in labor force	724 429	102 266	14.1	10 291	2 667	17 044	11 954	3 128	5 167	52 015	622 163
COLLEGE 4 YEARS OR MORE											
Male, 20 to 24 years old	**761 576**	**122 004**	**16.0**	**20 434**	**5 715**	**14 593**	**17 496**	**3 469**	**13 457**	**46 840**	**639 572**
Labor force	624 918	102 956	16.5	18 391	4 540	13 368	15 121	3 217	11 861	36 458	521 962
Armed Forces	107 988	24 634	22.8	4 443	1 310	5 401	3 172	719	3 879	5 710	83 354
Civilian labor force	516 930	78 322	15.2	13 948	3 230	7 967	11 949	2 498	7 982	30 748	438 608
Employed	498 446	74 833	15.0	13 471	3 169	7 560	11 594	2 464	7 711	28 864	423 613
Unemployed	18 484	3 489	18.9	477	61	407	355	34	271	1 884	14 995
Percent	3.6	4.5	...	3.4	1.9	5.1	3.0	1.4	3.4	6.1	3.4
Not in labor force	136 658	19 048	13.9	2 043	1 175	1 225	2 375	252	1 596	10 382	117 610
LESS THAN 4 YEARS OF COLLEGE											
Male, 25 to 34 years old	**8 529 923**	**3 019 330**	**35.4**	**364 223**	**60 536**	**1 584 826**	**364 809**	**60 254**	**153 776**	**430 906**	**5 510 593**
Labor force	8 083 419	2 893 115	35.8	352 922	57 263	1 540 919	352 155	58 202	148 064	383 590	5 190 304
Armed Forces	271 763	161 051	59.3	18 352	6 542	80 775	23 095	1 915	13 737	16 635	110 712
Civilian labor force	7 811 656	2 732 064	35.0	334 570	50 721	1 460 144	329 060	56 287	134 327	366 955	5 079 592
Employed	7 558 112	2 657 886	35.2	328 072	49 694	1 419 892	321 686	55 068	130 042	353 432	4 900 226
Unemployed	253 544	74 178	29.3	6 498	1 027	40 252	7 374	1 219	4 285	13 523	179 366
Percent	3.2	2.7	...	1.9	2.0	2.8	2.2	2.2	3.2	3.7	3.5
Not in labor force	446 504	126 215	28.3	11 301	3 273	43 907	12 654	2 052	5 712	47 316	320 289

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 25 to 34 years old	**2 789 665**	**644 487**	**23.1**	**30 357**	**7 145**	**350 961**	**29 000**	**10 027**	**32 170**	**184 827**	**2 145 178**
Labor force	2 554 627	601 111	23.5	28 771	6 711	336 590	27 649	9 527	31 045	160 818	1 953 516
Armed Forces	59 662	31 198	52.3	2 086	1 024	16 492	2 835	290	2 447	6 024	28 464
Civilian labor force	2 494 965	569 913	22.8	26 685	5 687	320 098	24 814	9 237	28 598	154 794	1 925 052
Employed	2 372 858	546 370	23.0	25 852	5 432	306 777	23 673	8 959	27 200	148 477	1 826 488
Unemployed	122 107	23 543	19.3	833	255	13 321	1 141	278	1 398	6 317	98 564
Percent	4.9	4.1	...	3.1	4.5	4.2	4.6	3.0	4.9	4.1	5.1
Not in labor force	235 038	43 376	18.5	1 586	434	14 371	1 351	500	1 125	24 009	191 662
HIGH SCHOOL 4 YEARS											
Male, 25 to 34 years old	**4 063 246**	**1 669 945**	**41.1**	**196 481**	**28 882**	**970 355**	**174 743**	**37 796**	**80 276**	**181 412**	**2 393 301**
Labor force	3 949 041	1 625 182	41.2	192 119	27 808	953 839	171 317	36 857	78 436	164 806	2 323 859
Armed Forces	160 697	98 662	61.4	12 215	3 667	51 532	13 490	1 379	8 200	8 179	62 035
Civilian labor force	3 788 344	1 526 520	40.3	179 904	24 141	902 307	157 827	35 478	70 236	156 627	2 261 824
Employed	3 690 042	1 489 952	40.4	176 431	23 646	880 929	154 605	34 739	68 317	151 285	2 200 090
Unemployed	98 302	36 568	37.2	3 473	495	21 378	3 222	739	1 919	5 342	61 734
Percent	2.6	2.4	...	1.9	2.1	2.4	2.0	2.1	2.7	3.4	2.7
Not in labor force	114 205	44 763	39.2	4 362	1 074	16 516	3 426	939	1 840	16 606	69 442
COLLEGE 1 TO 3 YEARS											
Male, 25 to 34 years old	**1 677 012**	**704 898**	**42.0**	**137 385**	**24 509**	**263 510**	**161 066**	**12 431**	**41 330**	**64 667**	**972 114**
Labor force	1 579 751	666 822	42.2	132 032	22 744	250 490	153 189	11 818	38 583	57 966	912 929
Armed Forces	51 404	31 191	60.7	4 051	1 851	12 751	6 770	246	3 090	2 432	20 213
Civilian labor force	1 528 347	635 631	41.6	127 981	20 893	237 739	146 419	11 572	35 493	55 534	892 716
Employed	1 495 212	621 564	41.6	125 789	20 616	232 186	143 408	11 370	34 525	53 670	873 648
Unemployed	33 135	14 067	42.5	2 192	277	5 553	3 011	202	968	1 864	19 068
Percent	2.2	2.2	...	1.7	1.3	2.3	2.1	1.7	2.7	3.4	2.1
Not in labor force	97 261	38 076	39.1	5 353	1 765	13 020	7 877	613	2 747	6 701	59 185
COLLEGE 4 YEARS OR MORE											
Male, 25 to 34 years old	**2 244 931**	**425 289**	**18.9**	**80 545**	**31 416**	**82 293**	**88 996**	**12 652**	**46 510**	**82 877**	**1 819 642**
Labor force	2 135 657	405 281	19.0	77 899	29 754	78 952	85 588	12 112	43 983	76 993	1 730 376
Armed Forces	112 566	32 387	28.8	3 708	2 626	9 697	6 151	517	5 217	4 471	80 179
Civilian labor force	2 023 091	372 894	18.4	74 191	27 128	69 255	79 437	11 595	38 766	72 522	1 650 197
Employed	1 995 692	365 391	18.3	72 874	26 916	67 985	77 660	11 350	37 796	70 810	1 630 301
Unemployed	27 399	7 503	27.4	1 317	212	1 270	1 777	245	970	1 712	19 896
Percent	1.4	2.0	...	1.8	0.8	1.8	2.2	2.1	2.5	2.4	1.2
Not in labor force	109 274	20 008	18.3	2 646	1 662	3 341	3 408	540	2 527	5 884	89 266
LESS THAN 4 YEARS OF COLLEGE											
Male, 35 to 44 years old	**8 151 510**	**2 924 453**	**35.9**	**336 308**	**46 120**	**1 595 455**	**307 258**	**86 180**	**128 216**	**424 916**	**5 227 057**
Labor force	7 751 620	2 816 536	36.3	326 997	43 857	1 555 478	301 865	83 761	124 219	380 359	4 935 084
Armed Forces	182 382	108 112	59.3	13 700	4 263	54 709	11 808	1 747	8 795	13 090	74 270
Civilian labor force	7 569 238	2 708 424	35.8	313 297	39 594	1 500 769	290 057	82 014	115 424	367 269	4 860 814
Employed	7 372 613	2 647 014	35.9	307 451	38 644	1 467 999	284 144	80 731	112 391	355 654	4 725 599
Unemployed	196 625	61 410	31.2	5 846	950	32 770	5 913	1 283	3 033	11 615	135 215
Percent	2.6	2.3	...	1.9	2.4	2.2	2.0	1.6	2.6	3.2	2.8
Not in labor force	399 890	107 917	27.0	9 311	2 263	39 977	5 393	2 419	3 997	44 557	291 973
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 35 to 44 years old	**3 673 978**	**973 405**	**26.5**	**51 819**	**10 481**	**560 652**	**41 891**	**30 277**	**40 457**	**237 828**	**2 700 573**
Labor force	3 400 671	915 593	26.9	49 567	9 545	540 419	40 338	28 877	38 634	208 213	2 485 078
Armed Forces	43 890	23 883	54.4	1 806	731	11 628	1 507	313	2 000	5 898	20 007
Civilian labor force	3 356 781	891 710	26.6	47 761	8 814	528 791	38 831	28 564	36 634	202 315	2 465 071
Employed	3 236 878	864 112	26.7	46 273	8 445	513 260	37 486	28 010	35 215	195 423	2 372 766
Unemployed	119 903	27 598	23.0	1 488	369	15 531	1 345	554	1 419	6 892	92 305
Percent	3.6	3.1	...	3.1	4.2	2.9	3.5	1.9	3.9	3.4	3.7
Not in labor force	273 307	57 812	21.2	2 252	936	20 233	1 553	1 400	1 823	29 615	215 495
HIGH SCHOOL 4 YEARS											
Male, 35 to 44 years old	**3 277 526**	**1 407 306**	**42.9**	**170 888**	**21 245**	**824 352**	**142 553**	**44 817**	**61 590**	**141 861**	**1 870 220**
Labor force	3 184 697	1 371 754	43.1	166 429	20 486	809 873	140 508	43 946	60 246	130 266	1 812 943
Armed Forces	106 123	63 541	59.9	8 233	2 743	34 074	6 950	1 190	4 998	5 353	42 582
Civilian labor force	3 078 574	1 308 213	42.5	158 196	17 743	775 799	133 558	42 756	55 248	124 913	1 770 361
Employed	3 021 731	1 284 172	42.5	155 652	17 398	762 526	131 119	42 174	54 111	121 192	1 737 559
Unemployed	56 843	24 041	42.3	2 544	345	13 273	2 439	582	1 137	3 721	32 802
Percent	1.8	1.8	...	1.6	1.9	1.7	1.8	1.4	2.1	3.0	1.9
Not in labor force	92 829	35 552	38.3	4 459	759	14 479	2 045	871	1 344	11 595	57 277
COLLEGE 1 TO 3 YEARS											
Male, 35 to 44 years old	**1 200 006**	**543 742**	**45.3**	**113 601**	**14 394**	**210 451**	**122 814**	**11 086**	**26 169**	**45 227**	**656 264**
Labor force	1 166 252	529 189	45.4	111 001	13 826	205 186	121 019	10 938	25 339	41 880	637 063
Armed Forces	32 369	20 688	63.9	3 661	789	9 007	3 351	244	1 797	1 839	11 681
Civilian labor force	1 133 883	508 501	44.8	107 340	13 037	196 179	117 668	10 694	23 542	40 041	625 382
Employed	1 114 004	498 730	44.8	105 526	12 801	192 213	115 539	10 547	23 065	39 039	615 274
Unemployed	19 879	9 771	49.2	1 814	236	3 966	2 129	147	477	1 002	10 108
Percent	1.8	1.9	...	1.7	1.8	2.0	1.8	1.4	2.0	2.5	1.6
Not in labor force	33 754	14 553	43.1	2 600	568	5 265	1 795	148	830	3 347	19 201

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Male, 35 to 44 years old	**1 871 871**	**450 514**	**24.1**	**84 701**	**30 944**	**109 002**	**108 612**	**12 430**	**42 027**	**62 798**	**1 421 357**
Labor force	1 843 699	441 833	24.0	83 492	30 257	107 817	107 163	12 222	41 227	59 655	1 401 866
Armed Forces	43 864	15 400	35.1	1 573	704	5 556	3 083	259	2 504	1 721	28 464
Civilian labor force	1 799 835	426 433	23.7	81 919	29 553	102 261	104 080	11 963	38 723	57 934	1 373 402
Employed	1 784 313	421 209	23.6	80 883	29 444	101 238	102 162	11 927	38 328	57 227	1 363 104
Unemployed	15 522	5 224	33.7	1 036	109	1 023	1 918	36	395	707	10 298
Percent	0.9	1.2	...	1.3	0.4	1.0	1.8	0.3	1.0	1.2	0.7
Not in labor force	28 172	8 681	30.8	1 209	687	1 185	1 449	208	800	3 143	19 491
LESS THAN 4 YEARS OF COLLEGE											
Male, 45 to 54 years old	**8 706 013**	**3 029 461**	**34.8**	**354 080**	**40 830**	**1 664 911**	**271 128**	**128 154**	**131 097**	**439 261**	**5 676 552**
Labor force	8 071 095	2 865 630	35.5	338 354	37 670	1 594 091	261 484	120 020	124 080	389 931	5 205 465
Armed Forces	42 246	23 615	55.9	2 570	585	10 733	2 178	349	2 316	4 884	18 631
Civilian labor force	8 028 849	2 842 015	35.4	335 784	37 085	1 583 358	259 306	119 671	121 764	385 047	5 186 834
Employed	7 817 488	2 773 804	35.5	330 088	36 335	1 545 440	253 800	117 127	118 423	372 591	5 043 684
Unemployed	211 361	68 211	32.3	5 696	750	37 918	5 506	2 544	3 341	12 456	143 150
Percent	2.6	2.4	...	1.7	2.0	2.4	2.1	2.1	2.7	3.2	2.8
Not in labor force	634 918	163 831	25.8	15 726	3 160	70 820	9 644	8 134	7 017	49 330	471 087
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 45 to 54 years old	**4 486 519**	**1 197 809**	**26.7**	**62 806**	**11 929**	**694 181**	**49 659**	**67 689**	**46 892**	**264 653**	**3 288 710**
Labor force	4 040 876	1 110 464	27.5	58 985	10 884	656 371	47 081	62 152	43 616	231 375	2 930 412
Armed Forces	10 025	5 484	54.7	211	80	1 932	288	70	294	2 609	4 541
Civilian labor force	4 030 851	1 104 980	27.4	58 774	10 804	654 439	46 793	62 082	43 322	228 766	2 925 871
Employed	3 897 729	1 072 966	27.5	57 599	10 644	635 528	45 578	60 661	42 080	220 876	2 824 763
Unemployed	133 122	32 014	24.0	1 175	160	18 911	1 215	1 421	1 242	7 890	101 108
Percent	3.3	2.9	...	2.0	1.5	2.9	2.6	2.3	2.9	3.4	3.5
Not in labor force	445 643	87 345	19.6	3 821	1 045	37 810	2 578	5 537	3 276	33 278	358 298
HIGH SCHOOL 4 YEARS											
Male, 45 to 54 years old	**3 125 303**	**1 331 234**	**42.6**	**176 079**	**18 867**	**774 051**	**125 742**	**48 128**	**55 726**	**132 641**	**1 794 069**
Labor force	2 984 648	1 275 725	42.7	169 486	17 371	748 437	121 391	45 938	53 439	119 663	1 708 923
Armed Forces	20 458	11 670	57.0	1 349	351	5 994	1 097	167	1 147	1 565	8 788
Civilian labor force	2 964 190	1 264 055	42.6	168 137	17 020	742,443	120 294	45 771	52 292	118 098	1 700 135
Employed	2 906 001	1 238 000	42.6	165 636	16 547	727 129	118 011	44 941	50 976	114 760	1 668 001
Unemployed	58 189	26 055	44.8	2 501	473	15 314	2 283	830	1 316	3 338	32 134
Percent	2.0	2.1	...	1.5	2.8	2.1	1.9	1.8	2.5	2.8	1.9
Not in labor force	140 655	55 509	39.5	6 593	1 496	25 614	4 351	2 190	2 287	12 978	85 146
COLLEGE 1 TO 3 YEARS											
Male, 45 to 54 years old	**1 094 191**	**500 418**	**45.7**	**115 195**	**10 034**	**196 679**	**95 727**	**12 337**	**28 479**	**41 967**	**593 773**
Labor force	1 045 571	479 441	45.9	109 883	9 415	189 283	93 012	11 930	27 025	38 893	566 130
Armed Forces	11 763	6 461	54.9	1 010	154	2 807	793	112	875	710	5 302
Civilian labor force	1 033 808	472 980	45.8	108 873	9 261	186 476	92 219	11 818	26 150	38 183	560 828
Employed	1 013 758	462 838	45.7	106 853	9 144	182 783	90 211	11 525	25 367	36 955	550 920
Unemployed	20 050	10 142	50.6	2 020	117	3 693	2 008	293	783	1 228	9 908
Percent	1.9	2.1	...	1.9	1.3	2.0	2.2	2.5	3.0	3.2	1.8
Not in labor force	48 620	20 977	43.1	5 312	619	7 396	2 715	407	1 454	3 074	27 643
COLLEGE 4 YEARS OR MORE											
Male, 45 to 54 years old	**1 340 448**	**353 712**	**26.4**	**63 703**	**22 534**	**90 760**	**84 204**	**10 345**	**33 829**	**48 337**	**986 736**
Labor force	1 307 855	343 375	26.3	61 771	22 088	88 599	82 324	10 192	32 839	45 562	964 480
Armed Forces	16 966	5 880	34.7	493	426	1 954	979	59	1 060	909	11 086
Civilian labor force	1 290 889	337 495	26.1	61 278	21 662	86 645	81 345	10 133	31 779	44 653	953 394
Employed	1 275 909	331 432	26.0	60 196	21 507	85 056	79 667	9 990	31 125	43 891	944 477
Unemployed	14 980	6 063	40.5	1 082	155	1 589	1 678	143	654	762	8 917
Percent	1.2	1.8	...	1.8	0.7	1.8	2.1	1.4	2.1	1.7	0.9
Not in labor force	32 593	10 337	31.7	1 932	446	2 161	1 880	153	990	2 775	22 256
LESS THAN 4 YEARS OF COLLEGE											
Male, 55 to 64 years old	**7 240 568**	**1 872 356**	**25.9**	**278 088**	**26 135**	**891 735**	**148 352**	**54 700**	**75 800**	**397 546**	**5 368 212**
Labor force	5 827 001	1 555 677	26.7	239 192	21 271	763 123	127 610	45 695	64 248	294 538	4 271 324
Armed Forces	5 475	2 483	45.4	428	74	1 104	139	56	167	515	2 992
Civilian labor force	5 821 526	1 553 194	26.7	238 764	21 197	762 019	127 471	45 639	64 081	294 023	4 268 332
Employed	5 640 152	1 506 278	26.7	234 026	20 753	737 123	123 972	44 411	62 024	283 969	4 133 874
Unemployed	181 374	46 916	25.9	4 738	444	24 896	3 499	1 228	2 057	10 054	134 458
Percent	3.1	3.0	...	2.0	2.1	3.3	2.7	2.7	3.2	3.4	3.2
Not in labor force	1 413 567	316 679	22.4	38 896	4 864	128 612	20 742	9 005	11 552	103 008	1 096 888
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 55 to 64 years old	**4 779 604**	**1 016 208**	**21.3**	**79 927**	**8 932**	**530 907**	**45 719**	**30 685**	**37 554**	**282 484**	**3 763 396**
Labor force	3 702 932	814 116	22.0	65 550	6 909	445 373	37 122	24 727	30 657	203 778	2 888 816
Armed Forces	2 325	885	38.1	68	29	396	35	23	47	287	1 440
Civilian labor force	3 700 607	813 231	22.0	65 482	6 880	444 977	37 087	24 704	30 610	203 491	2 887 376
Employed	3 567 425	785 836	22.0	64 048	6 656	429 407	36 179	23 880	29 579	196 087	2 781 589
Unemployed	133 182	27 395	20.6	1 434	224	15 570	908	824	1 031	7 404	105 787
Percent	3.6	3.4	...	2.2	3.3	3.5	2.4	3.3	3.4	3.6	3.7
Not in labor force	1 076 672	202 092	18.8	14 377	2 023	85 534	8 597	5 958	6 897	78 706	874 580

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Male, 55 to 64 years old	**1 757 520**	**601 290**	**34.2**	**122 054**	**9 298**	**286 057**	**58 210**	**17 091**	**24 449**	**84 131**	**1 156 230**
Labor force	1 516 441	521 327	34.4	107 570	7 658	252 135	51 190	14 956	21 304	66 514	995 114
Armed Forces	2 157	1 036	48.0	162	45	481	104	33	99	112	1 121
Civilian labor force	1 514 284	520 291	34.4	107 408	7 613	251 654	51 086	14 923	21 205	66 402	993 993
Employed	1 479 047	506 199	34.2	105 348	7 428	244 381	49 576	14 576	20 487	64 403	972 848
Unemployed	35 237	14 092	40.0	2 060	185	7 273	1 510	347	718	1 999	21 145
Percent	2.3	2.7	...	1.9	2.4	2.9	3.0	2.3	3.4	3.0	2.1
Not in labor force	241 079	79 963	33.2	14 484	1 640	33 922	7 020	2 135	3 145	17 617	161 116
COLLEGE 1 TO 3 YEARS											
Male, 55 to 64 years old	**703 444**	**254 858**	**36.2**	**76 107**	**7 905**	**74 771**	**44 423**	**6 924**	**13 797**	**30 931**	**448 586**
Labor force	607 628	220 234	36.2	66 072	6 704	65 615	39 298	6 012	12 287	24 246	387 394
Armed Forces	993	562	56.6	198	–	227	–	–	21	116	431
Civilian labor force	606 635	219 672	36.2	65 874	6 704	65 388	39 298	6 012	12 266	24 130	386 963
Employed	593 680	214 243	36.1	64 630	6 669	63 335	38 217	5 955	11 958	23 479	379 437
Unemployed	12 955	5 429	41.9	1 244	35	2 053	1 081	57	308	651	7 526
Percent	2.1	2.5	...	1.9	0.5	3.1	2.8	0.9	2.5	2.7	1.9
Not in labor force	95 816	34 624	36.1	10 035	1 201	9 156	5 125	912	1 510	6 685	61 192
COLLEGE 4 YEARS OR MORE											
Male, 55 to 64 years old	**775 651**	**178 992**	**23.1**	**38 909**	**15 633**	**25 587**	**36 132**	**5 601**	**21 621**	**35 509**	**596 659**
Labor force	694 272	158 123	22.8	34 878	14 154	22 632	32 237	4 933	19 712	29 577	536 149
Armed Forces	1 416	534	37.7	100	58	60	60	20	120	116	882
Civilian labor force	692 856	157 589	22.7	34 778	14 096	22 572	32 177	4 913	19 592	29 461	535 267
Employed	683 570	154 732	22.6	34 248	14 054	22 147	31 238	4 894	19 188	28 963	528 838
Unemployed	9 286	2 857	30.8	530	42	425	939	19	404	498	6 429
Percent	1.3	1.8	...	1.5	0.3	1.9	2.9	0.4	2.1	1.7	1.2
Not in labor force	81 379	20 869	25.6	4 031	1 479	2 955	3 895	668	1 909	5 932	60 510
LESS THAN 4 YEARS OF COLLEGE											
Male, 65 years old and over	**7 148 754**	**1 507 898**	**21.1**	**248 360**	**21 347**	**540 060**	**102 079**	**32 820**	**53 945**	**509 287**	**5 640 856**
Labor force	1 710 583	405 763	23.7	86 262	8 331	151 206	26 766	11 042	16 737	105 419	1 304 820
Armed Forces	1 872	1 074	57.4	111	24	310	154	–	80	395	798
Civilian labor force	1 708 711	404 689	23.7	86 151	8 307	150 896	26 612	11 042	16 657	105 024	1 304 022
Employed	1 622 580	381 229	23.5	81 814	7 961	141 023	24 876	10 342	15 768	99 445	1 241 351
Unemployed	86 131	23 460	27.2	4 337	346	9 873	1 736	700	889	5 579	62 671
Percent	5.0	5.8	...	5.0	4.2	6.5	6.5	6.3	5.3	5.3	4.8
Not in labor force	5 438 171	1 102 135	20.3	162 098	13 016	388 854	75 313	21 778	37 208	403 868	4 336 036
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 65 years old and over	**5 709 534**	**1 047 309**	**18.3**	**116 943**	**8 219**	**409 525**	**47 137**	**20 967**	**33 324**	**411 194**	**4 662 225**
Labor force	1 242 134	255 775	20.6	37 126	2 620	108 143	11 219	6 674	9 440	80 553	986 359
Armed Forces	954	496	52.0	74	–	53	–	–	58	311	458
Civilian labor force	1 241 180	255 279	20.6	37 052	2 620	108 090	11 219	6 674	9 382	80 242	985 901
Employed	1 174 382	239 146	20.4	34 965	2 503	100 503	10 458	6 210	8 829	75 678	935 236
Unemployed	66 798	16 133	24.2	2 087	117	7 587	761	464	553	4 564	50 665
Percent	5.4	6.3	...	5.6	4.5	7.0	6.8	7.0	5.9	5.7	5.1
Not in labor force	4 467 400	791 534	17.7	79 817	5 599	301 382	35 918	14 293	23 884	330 641	3 675 866
HIGH SCHOOL 4 YEARS											
Male, 65 years old and over	**952 175**	**296 207**	**31.1**	**78 019**	**6 031**	**98 491**	**29 374**	**6 397**	**11 713**	**66 182**	**655 968**
Labor force	299 220	93 857	31.4	28 947	2 427	32 184	7 539	2 528	4 115	16 117	205 363
Armed Forces	580	348	60.0	17	–	193	101	–	–	37	232
Civilian labor force	298 640	93 509	31.3	28 930	2 427	31 991	7 438	2 528	4 115	16 080	205 131
Employed	285 515	88 858	31.1	27 582	2 332	30 280	6 927	2 374	3 855	15 508	196 657
Unemployed	13 125	4 651	35.4	1 348	95	1 711	511	154	260	572	8 474
Percent	4.4	5.0	...	4.7	3.9	5.3	6.9	6.1	6.3	3.6	4.1
Not in labor force	652 955	202 350	31.0	49 072	3 604	66 307	21 835	3 869	7 598	50 065	450 605
COLLEGE 1 TO 3 YEARS											
Male, 65 years old and over	**487 045**	**164 382**	**33.8**	**53 398**	**7 097**	**32 044**	**25 568**	**5 456**	**8 908**	**31 911**	**322 663**
Labor force	169 229	56 131	33.2	20 189	3 284	10 879	8 008	1 840	3 182	8 749	113 098
Armed Forces	338	230	...	20	24	64	53	–	22	47	108
Civilian labor force	168 891	55 901	33.1	20 169	3 260	10 815	7 955	1 840	3 160	8 702	112 990
Employed	162 683	53 225	32.7	19 267	3 126	10 240	7 491	1 758	3 084	8 259	109 458
Unemployed	6 208	2 676	43.1	902	134	575	464	82	76	443	3 532
Percent	3.7	4.8	...	4.5	4.1	5.3	5.8	4.5	2.4	5.1	3.1
Not in labor force	317 816	108 251	34.1	33 209	3 813	21 165	17 560	3 616	5 726	23 162	209 565
COLLEGE 4 YEARS OR MORE											
Male, 65 years old and over	**512 106**	**130 972**	**25.6**	**22 667**	**13 067**	**11 445**	**27 149**	**5 132**	**16 678**	**34 834**	**381 134**
Labor force	213 713	55 151	25.8	10 761	7 781	4 819	9 568	1 899	8 344	11 979	158 562
Armed Forces	319	72	...	22	–	–	–	–	–	50	247
Civilian labor force	213 394	55 079	25.8	10 739	7 781	4 819	9 568	1 899	8 344	11 929	158 315
Employed	208 631	53 435	25.6	10 301	7 710	4 656	9 057	1 838	8 128	11 745	155 196
Unemployed	4 763	1 644	34.5	438	71	163	511	61	216	184	3 119
Percent	2.2	3.0	...	4.1	0.9	3.4	5.3	3.2	2.6	1.5	2.0
Not in labor force	298 393	75 821	25.4	11 906	5 286	6 626	17 581	3 233	8 334	22 855	222 572

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 years old and over	**60 367 458**	**13 056 987**	**21.6**	**5 650 234**	**2 128 744**	**1 634 333**	**79 566**	**196 101**	**408 677**	**2 959 332**	**47 310 471**
Labor force	23 813 429	6 669 820	28.0	3 006 273	1 222 089	879 760	46 680	88 198	189 445	1 237 375	17 143 609
Armed Forces	33 283	17 458	52.5	5 512	4 743	2 752	737	182	930	2 602	15 825
Civilian labor force	23 780 146	6 652 362	28.0	3 000 761	1 217 346	877 008	45 943	88 016	188 515	1 234 773	17 127 784
Employed	22 512 407	6 378 967	28.3	2 877 139	1 182 994	834 359	43 033	82 718	177 591	1 181 133	16 133 440
Unemployed	1 267 739	273 395	21.6	123 622	34 352	42 649	2 910	5 298	10 924	53 640	994 344
Percent	5.3	4.1	...	4.1	2.8	4.9	6.3	6.0	5.8	4.3	5.8
Not in labor force	36 554 029	6 387 167	17.5	2 643 961	906 655	754 573	32 886	107 903	219 232	1 721 957	30 166 862
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 years old and over	**28 978 620**	**3 769 147**	**13.0**	**1 047 093**	**416 336**	**585 238**	**17 454**	**78 854**	**93 395**	**1 530 777**	**25 209 473**
Labor force	8 835 511	1 555 681	17.6	455 049	209 992	290 758	7 651	32 318	41 191	518 722	7 279 830
Armed Forces	4 225	1 592	37.7	317	165	340	36	37	21	676	2 633
Civilian labor force	8 831 286	1 554 089	17.6	454 732	209 827	290 418	7 615	32 281	41 170	518 046	7 277 197
Employed	8 204 045	1 474 534	18.0	431 362	201 040	273 513	6 985	30 062	37 687	493 885	6 729 511
Unemployed	627 241	79 555	12.7	23 370	8 787	16 905	630	2 219	3 483	24 161	547 686
Percent	7.1	5.1	...	5.1	4.2	5.8	8.3	6.9	8.5	4.7	7.5
Not in labor force	20 143 109	2 213 466	11.0	592 044	206 344	294 480	9 803	46 536	52 204	1 012 055	17 929 643
HIGH SCHOOL 4 YEARS											
Female, 16 years old and over	**23 414 008**	**6 685 364**	**28.6**	**3 462 342**	**1 008 269**	**900 943**	**36 186**	**88 505**	**175 982**	**1 013 137**	**16 728 644**
Labor force	11 233 123	3 687 065	32.8	1 914 620	594 142	502 910	23 014	42 728	90 323	519 328	7 546 058
Armed Forces	21 676	11 454	52.8	4 385	2 257	2 038	494	145	620	1 515	10 222
Civilian labor force	11 211 447	3 675 611	32.8	1 910 235	591 885	500 872	22 520	42 583	89 703	517 813	7 535 836
Employed	10 715 070	3 530 917	33.0	1 834 314	575 394	478 780	21 199	40 130	84 809	496 291	7 184 153
Unemployed	496 377	144 694	29.2	75 921	16 491	22 092	1 321	2 453	4 894	21 522	351 683
Percent	4.4	3.9	...	4.0	2.8	4.4	5.9	5.8	5.5	4.2	4.7
Not in labor force	12 180 885	2 998 299	24.6	1 547 722	414 127	398 033	13 172	45 777	85 659	493 809	9 182 586
COLLEGE 1 TO 3 YEARS											
Female, 16 years old and over	**7 974 830**	**2 602 476**	**32.6**	**1 140 799**	**704 139**	**148 152**	**25 926**	**28 742**	**139 300**	**415 418**	**5 372 354**
Labor force	3 744 795	1 427 074	38.1	636 604	417 955	86 092	16 015	13 152	57 931	199 325	2 317 721
Armed Forces	7 382	4 412	59.8	810	2 321	374	207	–	289	411	2 970
Civilian labor force	3 737 413	1 422 662	38.1	635 794	415 634	85 718	15 808	13 152	57 642	198 914	2 314 751
Employed	3 593 292	1 373 516	38.2	611 463	406 560	82 066	14 849	12 526	55 095	190 957	2 219 776
Unemployed	144 121	49 146	34.1	24 331	9 074	3 652	959	626	2 547	7 957	94 975
Percent	3.9	3.5	...	3.8	2.2	4.3	6.1	4.8	4.4	4.0	4.1
Not in labor force	4 230 035	1 175 402	27.8	504 195	286 184	62 060	9 911	15 590	81 369	216 093	3 054 633
COLLEGE 4 YEARS OR MORE											
Female, 16 years old and over	**5 054 869**	**961 928**	**19.0**	**186 243**	**241 688**	**29 892**	**15 904**	**41 699**	**177 489**	**269 013**	**4 092 941**
Labor force	2 934 152	569 634	19.4	112 574	149 430	19 317	10 266	22 860	104 224	150 963	2 364 518
Armed Forces	6 945	2 587	37.2	247	1 447	206	132	20	221	314	4 358
Civilian labor force	2 927 207	567 047	19.4	112 327	147 983	19 111	10 134	22 840	104 003	150 649	2 360 160
Employed	2 862 894	552 984	19.3	109 058	145 446	18 259	9 792	22 339	101 561	146 529	2 309 910
Unemployed	64 313	14 063	21.9	3 269	2 537	852	342	501	2 442	4 120	50 250
Percent	2.2	2.5	...	2.9	1.7	4.5	3.4	2.2	2.3	2.7	2.1
Not in labor force	2 120 717	392 294	18.5	73 669	92 258	10 575	5 638	18 839	73 265	118 050	1 728 423
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 to 19 years old	**6 427 088**	**729 886**	**11.4**	**251 930**	**65 252**	**76 139**	**4 233**	**19 707**	**19 555**	**293 070**	**5 697 202**
Labor force	2 367 089	391 373	16.5	177 374	42 042	46 439	2 548	7 990	11 738	103 242	1 975 716
Armed Forces	7 287	3 271	44.9	1 566	622	583	45	41	88	326	4 016
Civilian labor force	2 359 802	388 102	16.4	175 808	41 420	45 856	2 503	7 949	11 650	102 916	1 971 700
Employed	2 115 525	357 290	16.9	163 303	38 557	41 658	2 281	7 133	10 717	93 641	1 758 235
Unemployed	244 277	30 812	12.6	12 505	2 863	4 198	222	816	933	9 275	213 465
Percent	10.4	7.9	...	7.1	6.9	9.2	8.9	10.3	8.0	9.0	10.8
Not in labor force	4 059 999	338 513	8.3	74 556	23 210	29 700	1 685	11 717	7 817	189 828	3 721 486
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 to 19 years old	**4 196 487**	**292 572**	**7.0**	**71 562**	**17 203**	**26 606**	**1 600**	**12 833**	**7 307**	**155 461**	**3 903 915**
Labor force	1 153 902	104 206	9.0	36 594	9 735	12 785	770	3 863	3 396	37 063	1 049 696
Armed Forces	740	184	24.9	23	46	97	–	–	–	18	556
Civilian labor force	1 153 162	104 022	9.0	36 571	9 689	12 688	770	3 863	3 396	37 045	1 049 140
Employed	1 004 946	93 797	9.3	33 464	8 678	11 269	660	3 503	2 973	33 250	911 149
Unemployed	148 216	10 225	6.9	3 107	1 011	1 419	110	360	423	3 795	137 991
Percent	12.9	9.8	...	8.5	10.4	11.2	14.3	9.3	12.5	10.2	13.2
Not in labor force	3 042 585	188 366	6.2	34 968	7 468	13 821	830	8 970	3 911	118 398	2 854 219
HIGH SCHOOL 4 YEARS											
Female, 16 to 19 years old	**1 751 052**	**358 882**	**20.5**	**155 938**	**37 205**	**45 815**	**1 932**	**5 944**	**9 895**	**102 153**	**1 392 170**
Labor force	988 557	242 222	24.5	122 469	25 155	31 147	1 334	3 603	6 989	51 525	746 335
Armed Forces	6 200	2 924	47.2	1 466	538	486	22	41	88	283	3 276
Civilian labor force	982 357	239 298	24.4	121 003	24 617	30 661	1 312	3 562	6 901	51 242	743 059
Employed	900 074	221 263	24.6	112 721	23 013	27 966	1 200	3 147	6 445	46 771	678 811
Unemployed	82 283	18 035	21.9	8 282	1 604	2 695	112	415	456	4 471	64 248
Percent	8.4	7.5	...	6.8	6.5	8.8	8.5	11.7	6.6	8.7	8.6
Not in labor force	762 495	116 660	15.3	33 469	12 050	14 668	598	2 341	2 906	50 628	645 835

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Female, 16 to 19 years old	**479 549**	**78 432**	**16.4**	**24 430**	**10 844**	**3 718**	**701**	**930**	**2 353**	**35 456**	**401 117**
Labor force	224 630	44 945	20.0	18 311	7 152	2 507	444	524	1 353	14 654	179 685
Armed Forces	347	163	...	77	38	–	23	–	–	25	184
Civilian labor force	224 283	44 782	20.0	18 234	7 114	2 507	421	524	1 353	14 629	179 501
Employed	210 505	42 230	20.1	17 118	6 866	2 423	421	483	1 299	13 620	168 275
Unemployed	13 778	2 552	18.5	1 116	248	84	–	41	54	1 009	11 226
Percent	6.1	5.7	...	6.1	3.5	3.4	–	7.8	4.0	6.9	6.3
Not in labor force	254 919	33 487	13.1	6 119	3 692	1 211	257	406	1 000	20 802	221 432
COLLEGE 4 YEARS OR MORE											
Female, 16 to 19 years old	**1 405**	**361**	**25.7**	**25**	**130**	**42**	**–**	**21**	**22**	**121**	**1 044**
Labor force	880	168	19.1	25	58	21	–	–	–	64	712
Armed Forces	26	–	–	–	–	–	–	–	–	–	26
Civilian labor force	854	168	19.7	25	58	21	–	–	–	64	686
Employed	790	151	19.1	25	41	21	–	–	–	64	639
Unemployed	64	17	...	–	17	–	–	–	–	–	47
Percent	7.5	...	...	–	...	–	–	–	–	–	6.9
Not in labor force	525	193	36.8	–	72	21	–	21	22	57	332
LESS THAN 4 YEARS OF COLLEGE											
Female, 20 to 24 years old	**6 600 186**	**1 682 353**	**25.5**	**712 558**	**300 860**	**286 116**	**11 760**	**21 390**	**47 612**	**302 057**	**4 917 833**
Labor force	3 554 471	1 129 899	31.8	492 166	217 381	180 897	8 371	11 633	30 776	188 675	2 424 572
Armed Forces	13 006	6 902	53.1	2 101	2 184	922	372	80	397	846	6 104
Civilian labor force	3 541 465	1 122 997	31.7	490 065	215 197	179 975	7 999	11 553	30 379	187 829	2 418 468
Employed	3 319 288	1 069 455	32.2	466 640	208 214	170 564	7 489	10 567	27 849	178 132	2 249 833
Unemployed	222 177	53 542	24.1	23 425	6 983	9 411	510	986	2 530	9 697	168 635
Percent	6.3	4.8	...	4.8	3.2	5.2	6.4	8.5	8.3	5.2	7.0
Not in labor force	3 045 715	552 454	18.1	220 392	83 479	105 219	3 389	9 757	16 836	113 382	2 493 261
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 20 to 24 years old	**1 380 873**	**183 365**	**13.3**	**38 996**	**18 844**	**47 203**	**979**	**4 479**	**5 717**	**67 147**	**1 197 508**
Labor force	513 335	101 258	19.7	21 626	10 018	25 556	421	2 026	3 146	38 465	412 077
Armed Forces	1 007	344	34.2	80	49	62	–	–	–	153	663
Civilian labor force	512 328	100 914	19.7	21 546	9 969	25 494	421	2 026	3 146	38 312	411 414
Employed	452 953	93 151	20.6	19 660	8 998	23 550	398	1 840	2 734	35 971	359 802
Unemployed	59 375	7 763	13.1	1 886	971	1 944	23	186	412	2 341	51 612
Percent	11.6	7.7	...	8.8	9.7	7.6	5.5	9.2	13.1	6.1	12.5
Not in labor force	867 538	82 107	9.5	17 370	8 826	21 647	558	2 453	2 571	28 682	785 431
HIGH SCHOOL 4 YEARS											
Female, 20 to 24 years old	**3 267 197**	**1 014 712**	**31.1**	**486 860**	**152 225**	**203 110**	**6 106**	**11 547**	**24 502**	**130 362**	**2 252 485**
Labor force	1 937 736	691 251	35.7	332 711	109 480	130 583	4 366	6 530	16 454	91 127	1 246 485
Armed Forces	8 356	4 438	53.1	1 643	1 073	676	257	80	244	465	3 918
Civilian labor force	1 929 380	686 813	35.6	331 068	108 407	129 907	4 109	6 450	16 210	90 662	1 242 567
Employed	1 817 716	653 750	36.0	315 282	104 562	123 613	3 807	5 817	14 721	85 948	1 163 966
Unemployed	111 664	33 063	29.6	15 786	3 845	6 294	302	633	1 489	4 714	78 601
Percent	5.8	4.8	...	4.8	3.5	4.8	7.3	9.8	9.2	5.2	6.3
Not in labor force	1 329 461	323 461	24.3	154 149	42 745	72 527	1 740	5 017	8 048	39 235	1 006 000
COLLEGE 1 TO 3 YEARS											
Female, 20 to 24 years old	**1 952 116**	**484 276**	**24.8**	**186 702**	**129 791**	**35 803**	**4 675**	**5 364**	**17 393**	**104 548**	**1 467 840**
Labor force	1 103 400	337 390	30.6	137 829	97 883	24 758	3 584	3 077	11 176	59 083	766 010
Armed Forces	3 643	2 120	58.2	378	1 062	184	115	–	153	228	1 523
Civilian labor force	1 099 757	335 270	30.5	137 451	96 821	24 574	3 469	3 077	11 023	58 855	764 487
Employed	1 048 619	322 554	30.8	131 698	94 654	23 401	3 284	2 910	10 394	56 213	726 065
Unemployed	51 138	12 716	24.9	5 753	2 167	1 173	185	167	629	2 642	38 422
Percent	4.6	3.8	...	4.2	2.2	4.8	5.3	5.4	5.7	4.5	5.0
Not in labor force	848 716	146 886	17.3	48 873	31 908	11 045	1 091	2 287	6 217	45 465	701 830
COLLEGE 4 YEARS OR MORE											
Female, 20 to 24 years old	**681 065**	**93 887**	**13.8**	**12 465**	**19 854**	**2 888**	**1 739**	**3 507**	**17 916**	**35 518**	**587 178**
Labor force	543 391	75 934	14.0	10 145	16 867	2 313	1 418	2 893	14 810	27 488	467 457
Armed Forces	2 137	604	28.3	67	332	44	22	–	45	94	1 533
Civilian labor force	541 254	75 330	13.9	10 078	16 535	2 269	1 396	2 893	14 765	27 394	465 924
Employed	524 202	72 628	13.9	9 631	16 326	2 224	1 319	2 715	14 352	26 061	451 574
Unemployed	17 052	2 702	15.8	447	209	45	77	178	413	1 333	14 350
Percent	3.2	3.6	...	4.4	1.3	2.0	5.5	6.2	2.8	4.9	3.1
Not in labor force	137 674	17 953	13.0	2 320	2 987	575	321	614	3 106	8 030	119 721
LESS THAN 4 YEARS OF COLLEGE											
Female, 25 to 34 years old	**9 602 345**	**2 413 020**	**25.1**	**1 100 807**	**463 793**	**349 017**	**16 500**	**33 611**	**59 880**	**389 412**	**7 189 325**
Labor force	3 958 769	1 240 377	31.3	524 871	254 754	170 104	10 052	13 521	31 021	236 054	2 718 392
Armed Forces	5 506	3 308	60.1	609	1 082	656	178	–	178	605	2 198
Civilian labor force	3 953 263	1 237 069	31.3	524 262	253 672	169 448	9 874	13 521	30 843	235 449	2 716 194
Employed	3 743 727	1 185 421	31.7	500 184	246 676	161 262	9 125	12 545	29 009	226 620	2 558 306
Unemployed	209 536	51 648	24.6	24 078	6 996	8 186	749	976	1 834	8 829	157 888
Percent	5.3	4.2	...	4.6	2.8	4.8	7.6	7.2	5.9	3.7	5.8
Not in labor force	5 643 576	1 172 643	20.8	575 936	209 039	178 913	6 448	20 090	28 859	153 358	4 470 933

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 25 to 34 years old	**2 901 343**	**385 790**	**13.3**	**101 104**	**41 008**	**85 234**	**2 093**	**9 010**	**10 377**	**136 964**	**2 515 553**
Labor force	1 085 511	206 859	19.1	49 047	22 796	42 977	909	3 679	5 278	82 173	878 652
Armed Forces	768	306	39.8	16	34	86	23	–	–	147	462
Civilian labor force	1 084 743	206 553	19.0	49 031	22 762	42 891	886	3 679	5 278	82 026	878 190
Employed	996 220	194 155	19.5	45 649	21 394	39 848	805	3 305	4 643	78 511	802 065
Unemployed	88 523	12 398	14.0	3 382	1 368	3 043	81	374	635	3 515	76 125
Percent	8.2	6.0	...	6.9	6.0	7.1	9.1	10.2	12.0	4.3	8.7
Not in labor force	1 815 832	178 931	9.9	52 057	18 212	42 257	1 184	5 331	5 099	54 791	1 636 901
HIGH SCHOOL 4 YEARS											
Female, 25 to 34 years old	**5 183 907**	**1 482 345**	**28.6**	**767 778**	**233 649**	**229 097**	**8 557**	**20 184**	**33 243**	**189 837**	**3 701 562**
Labor force	2 198 380	742 240	33.8	360 420	127 442	108 889	5 639	7 809	16 890	115 151	1 456 140
Armed Forces	3 150	1 898	60.3	473	358	467	126	–	114	360	1 252
Civilian labor force	2 195 230	740 342	33.7	359 947	127 084	108 422	5 513	7 809	16 776	114 791	1 454 888
Employed	2 099 249	711 052	33.9	343 878	123 577	104 051	5 115	7 332	15 974	111 125	1 388 197
Unemployed	95 981	29 290	30.5	16 069	3 507	4 371	398	477	802	3 666	66 691
Percent	4.4	4.0	...	4.5	2.8	4.0	7.2	6.1	4.8	3.2	4.6
Not in labor force	2 985 527	740 105	24.8	407 358	106 207	120 208	2 918	12 375	16 353	74 686	2 245 422
COLLEGE 1 TO 3 YEARS											
Female, 25 to 34 years old	**1 517 095**	**544 885**	**35.9**	**231 925**	**189 136**	**34 686**	**5 850**	**4 417**	**16 260**	**62 611**	**972 210**
Labor force	674 878	291 278	43.2	115 404	104 516	18 238	3 504	2 033	8 853	38 730	383 600
Armed Forces	1 588	1 104	69.5	120	690	103	29	–	64	98	484
Civilian labor force	673 290	290 174	43.1	115 284	103 826	18 135	3 475	2 033	8 789	38 632	383 116
Employed	648 258	280 214	43.2	110 657	101 705	17 363	3 205	1 908	8 392	36 984	368 044
Unemployed	25 032	9 960	39.8	4 627	2 121	772	270	125	397	1 648	15 072
Percent	3.7	3.4	...	4.0	2.0	4.3	7.8	6.1	4.5	4.3	3.9
Not in labor force	842 217	253 607	30.1	116 521	84 620	16 448	2 346	2 384	7 407	23 881	588 610
COLLEGE 4 YEARS OR MORE											
Female, 25 to 34 years old	**1 422 930**	**222 693**	**15.7**	**37 573**	**62 114**	**6 635**	**3 933**	**10 271**	**39 652**	**62 515**	**1 200 237**
Labor force	813 600	140 582	17.3	23 167	38 495	4 721	2 380	5 601	23 395	42 823	673 018
Armed Forces	2 336	831	35.6	83	426	121	53	–	107	41	1 505
Civilian labor force	811 264	139 751	17.2	23 084	38 069	4 600	2 327	5 601	23 288	42 782	671 513
Employed	791 386	136 129	17.2	22 380	37 392	4 361	2 265	5 535	22 589	41 607	655 257
Unemployed	19 878	3 622	18.2	704	677	239	62	66	699	1 175	16 256
Percent	2.5	2.6	...	3.0	1.8	5.2	2.7	1.2	3.0	2.7	2.4
Not in labor force	609 330	82 111	13.5	14 406	23 619	1 914	1 553	4 670	16 257	19 692	527 219
LESS THAN 4 YEARS OF COLLEGE											
Female, 35 to 44 years old	**9 408 207**	**2 114 454**	**22.5**	**963 319**	**392 491**	**263 310**	**15 501**	**32 921**	**53 740**	**393 172**	**7 293 753**
Labor force	4 554 896	1 212 392	26.6	536 427	240 800	154 428	9 574	16 776	30 629	223 758	3 342 504
Armed Forces	3 994	2 241	56.1	565	508	334	142	43	132	517	1 753
Civilian labor force	4 550 902	1 210 151	26.6	535 862	240 292	154 094	9 432	16 733	30 497	223 241	3 340 751
Employed	4 354 080	1 167 259	26.8	516 044	234 333	147 796	8 878	15 973	28 982	215 253	3 186 821
Unemployed	196 822	42 892	21.8	19 818	5 959	6 298	554	760	1 515	7 988	153 930
Percent	4.3	3.5	...	3.7	2.5	4.1	5.9	4.5	5.0	3.6	4.6
Not in labor force	4 853 311	902 062	18.6	426 892	151 691	108 882	5 927	16 145	23 111	169 414	3 951 249
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 35 to 44 years old	**3 573 769**	**488 811**	**13.7**	**132 418**	**59 378**	**98 893**	**2 875**	**10 530**	**11 796**	**172 921**	**3 084 958**
Labor force	1 631 240	288 413	17.7	78 460	39 637	59 215	1 679	5 565	7 224	96 633	1 342 827
Armed Forces	862	500	58.0	115	16	54	13	19	–	283	362
Civilian labor force	1 630 378	287 913	17.7	78 345	39 621	59 161	1 666	5 546	7 224	96 350	1 342 465
Employed	1 534 831	275 376	17.9	74 860	38 176	56 536	1 501	5 249	6 529	92 525	1 259 455
Unemployed	95 547	12 537	13.1	3 485	1 445	2 625	165	297	695	3 825	83 010
Percent	5.9	4.4	...	4.4	3.6	4.4	9.9	5.4	9.6	4.0	6.2
Not in labor force	1 942 529	200 398	10.3	53 958	19 741	39 678	1 196	4 965	4 572	76 288	1 742 131
HIGH SCHOOL 4 YEARS											
Female, 35 to 44 years old	**4 640 407**	**1 202 465**	**25.9**	**646 876**	**190 653**	**142 832**	**7 228**	**17 602**	**27 656**	**169 618**	**3 437 942**
Labor force	2 340 246	684 236	29.2	356 973	117 791	82 281	4 656	8 897	15 810	97 828	1 656 010
Armed Forces	2 267	1 231	54.3	390	136	256	89	24	102	234	1 036
Civilian labor force	2 337 979	683 005	29.2	356 583	117 655	82 025	4 567	8 873	15 708	97 594	1 654 974
Employed	2 255 679	660 027	29.3	343 917	114 844	78 847	4 385	8 493	15 135	94 406	1 595 652
Unemployed	82 300	22 978	27.9	12 666	2 811	3 178	182	380	573	3 188	59 322
Percent	3.5	3.4	...	3.6	2.4	3.9	4.0	4.3	3.6	3.3	3.6
Not in labor force	2 300 161	518 229	22.5	289 903	72 862	60 551	2 572	8 705	11 846	71 790	1 781 932
COLLEGE 1 TO 3 YEARS											
Female, 35 to 44 years old	**1 194 031**	**423 178**	**35.4**	**184 025**	**142 460**	**21 585**	**5 398**	**4 789**	**14 288**	**50 633**	**770 853**
Labor force	583 410	239 743	41.1	100 994	83 372	12 932	3 239	2 314	7 595	29 297	343 667
Armed Forces	865	510	59.0	60	356	24	40	–	30	–	355
Civilian labor force	582 545	239 233	41.1	100 934	83 016	12 908	3 199	2 314	7 565	29 297	343 312
Employed	563 570	231 856	41.1	97 267	81 313	12 413	2 992	2 231	7 318	28 322	331 714
Unemployed	18 975	7 377	38.9	3 667	1 703	495	207	83	247	975	11 598
Percent	3.3	3.1	...	3.6	2.1	3.8	6.5	3.6	3.3	3.3	3.4
Not in labor force	610 621	183 435	30.0	83 031	59 088	8 653	2 159	2 475	6 693	21 336	427 186

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Female, 35 to 44 years old	**961 452**	**178 494**	**18.6**	**35 761**	**56 095**	**4 904**	**3 586**	**7 700**	**25 828**	**44 620**	**782 958**
Labor force	549 235	109 557	19.9	21 858	33 495	3 346	2 480	4 222	16 871	27 285	439 678
Armed force	1 104	540	48.9	62	362	17	41	–	13	45	564
Civilian labor force	548 131	109 017	19.9	21 796	33 133	3 329	2 439	4 222	16 858	27 240	439 114
Employed	536 930	106 635	19.9	21 183	32 481	3 214	2 329	4 168	16 552	26 708	430 295
Unemployed	11 201	2 382	21.3	613	652	115	110	54	306	532	8 819
Percent	2.0	2.2	...	2.8	2.0	3.5	4.5	1.3	1.8	2.0	2.0
Not in labor force	412 217	68 937	16.7	13 903	22 600	1 558	1 106	3 478	8 957	17 335	343 280
LESS THAN 4 YEARS OF COLLEGE											
Female, 45 to 54 years old	**9 960 050**	**2 434 076**	**24.4**	**1 152 727**	**374 134**	**347 902**	**16 354**	**41 685**	**62 037**	**439 237**	**7 525 974**
Labor force	5 099 428	1 478 238	29.0	719 250	251 091	203 327	10 263	22 150	37 312	234 845	3 621 190
Armed Forces	2 215	1 151	52.0	451	327	156	–	18	114	85	1 064
Civilian labor force	5 097 213	1 477 087	29.0	718 799	250 764	203 171	10 263	22 132	37 198	234 760	3 620 126
Employed	4 897 527	1 428 371	29.2	696 376	244 622	194 434	9 824	21 182	35 334	226 599	3 469 156
Unemployed	199 686	48 716	24.4	22 423	6 142	8 737	439	950	1 864	8 161	150 970
Percent	3.9	3.3	...	3.1	2.4	4.3	4.3	4.3	5.0	3.5	4.2
Not in labor force	4 860 622	955 838	19.7	433 477	123 043	144 575	6 091	19 535	24 725	204 392	3 904 784
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 45 to 54 years old	**4 504 286**	**644 524**	**14.3**	**164 159**	**82 012**	**141 758**	**3 349**	**17 711**	**16 193**	**219 342**	**3 859 762**
Labor force	2 076 488	372 559	17.9	100 674	55 881	83 051	1 975	9 280	9 313	112 385	1 703 929
Armed Forces	412	120	29.1	44	–	25	–	18	–	33	292
Civilian labor force	2 076 076	372 439	17.9	100 630	55 881	83 026	1 975	9 262	9 313	112 352	1 703 637
Employed	1 969 317	356 676	18.1	96 793	53 899	78 714	1 953	8 682	8 713	107 922	1 612 641
Unemployed	106 759	15 763	14.8	3 837	1 982	4 312	22	580	600	4 430	90 996
Percent	5.1	4.2	...	3.8	3.5	5.2	1.1	6.3	6.4	3.9	5.3
Not in labor force	2 427 798	271 965	11.2	63 485	26 131	58 707	1 374	8 431	6 880	106 957	2 155 833
HIGH SCHOOL 4 YEARS											
Female, 45 to 54 years old	**4 330 324**	**1 322 272**	**30.5**	**737 697**	**182 236**	**178 951**	**7 767**	**18 837**	**28 261**	**168 523**	**3 008 052**
Labor force	2 394 645	816 327	34.1	463 693	122 700	103 998	4 866	10 089	17 670	93 311	1 578 318
Armed Forces	1 180	600	50.8	252	152	93	–	–	72	31	580
Civilian labor force	2 393 465	815 727	34.1	463 441	122 548	103 905	4 866	10 089	17 598	93 280	1 577 738
Employed	2 318 395	791 409	34.1	449 970	120 057	100 032	4 624	9 764	16 752	90 210	1 526 986
Unemployed	75 070	24 318	32.4	13 471	2 491	3 873	242	325	846	3 070	50 752
Percent	3.1	3.0	...	2.9	2.0	3.7	5.0	3.2	4.8	3.3	3.2
Not in labor force	1 935 679	505 945	26.1	274 004	59 536	74 953	2 901	8 748	10 591	75 212	1 429 734
COLLEGE 1 TO 3 YEARS											
Female, 45 to 54 years old	**1 125 440**	**467 280**	**41.5**	**250 871**	**109 886**	**27 193**	**5 238**	**5 137**	**17 583**	**51 372**	**658 160**
Labor force	628 295	289 352	46.1	154 883	72 510	16 278	3 422	2 781	10 329	29 149	338 943
Armed Forces	623	431	69.2	155	175	38	–	–	42	21	192
Civilian labor force	627 672	288 921	46.0	154 728	72 335	16 240	3 422	2 781	10 287	29 128	338 751
Employed	609 815	280 286	46.0	149 613	70 666	15 688	3 247	2 736	9 869	28 467	329 529
Unemployed	17 857	8 635	48.4	5 115	1 669	552	175	45	418	661	9 222
Percent	2.8	3.0	...	3.3	2.3	3.4	5.1	1.6	4.1	2.3	2.7
Not in labor force	497 145	177 928	35.8	95 988	37 376	10 915	1 816	2 356	7 254	22 223	319 217
COLLEGE 4 YEARS OR MORE											
Female, 45 to 54 years old	**786 468**	**182 959**	**23.3**	**45 701**	**51 367**	**6 751**	**3 718**	**7 606**	**28 660**	**39 156**	**603 509**
Labor force	519 710	122 340	23.5	30 576	35 346	4 641	2 375	5 205	20 469	23 728	397 370
Armed Forces	1 038	487	46.9	35	307	18	16	–	35	76	551
Civilian labor force	518 672	121 853	23.5	30 541	35 039	4 623	2 359	5 205	20 434	23 652	396 819
Employed	510 731	119 254	23.3	29 869	34 488	4 369	2 330	5 112	20 050	23 036	391 477
Unemployed	7 941	2 599	32.7	672	551	254	29	93	384	616	5 342
Percent	1.5	2.1	...	2.2	1.6	5.5	1.2	1.8	1.9	2.6	1.3
Not in labor force	266 758	60 619	22.7	15 125	16 021	2 110	1 343	2 401	8 191	15 428	206 139
LESS THAN 4 YEARS OF COLLEGE											
Female, 55 to 64 years old	**8 221 605**	**1 868 146**	**22.7**	**839 353**	**301 221**	**193 575**	**8 027**	**26 419**	**68 412**	**431 139**	**6 353 459**
Labor force	3 334 803	957 464	28.7	447 355	174 924	99 911	4 339	13 221	33 476	184 238	2 377 339
Armed Forces	937	466	49.7	200	–	101	–	–	–	165	471
Civilian labor force	3 333 866	956 998	28.7	447 155	174 924	99 810	4 339	13 221	33 476	184 073	2 376 868
Employed	3 206 750	926 814	28.9	432 953	171 243	95 644	4 197	12 671	32 023	178 083	2 279 936
Unemployed	127 116	30 184	23.7	14 202	3 681	4 166	142	550	1 453	5 990	96 932
Percent	3.8	3.2	...	3.2	2.1	4.2	3.3	4.2	4.3	3.3	4.1
Not in labor force	4 886 802	910 682	18.6	391 998	126 297	93 664	3 688	13 198	34 936	246 901	3 976 120
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 55 to 64 years old	**4 957 534**	**756 614**	**15.3**	**258 574**	**93 894**	**104 467**	**3 091**	**13 310**	**17 323**	**265 955**	**4 200 920**
Labor force	1 797 235	360 057	20.0	127 082	55 027	53 143	1 435	6 304	8 806	108 260	1 437 178
Armed Forces	264	73	...	39	–	16	–	–	–	18	191
Civilian labor force	1 796 971	359 984	20.0	127 043	55 027	53 127	1 435	6 304	8 806	108 242	1 436 987
Employed	1 715 548	346 934	20.2	122 272	53 810	50 553	1 396	6 046	8 294	104 563	1 368 614
Unemployed	81 423	13 050	16.0	4 771	1 217	2 574	39	258	512	3 679	68 373
Percent	4.5	3.6	...	3.8	2.2	4.8	2.7	4.1	5.8	3.4	4.8
Not in labor force	3 160 299	396 557	12.5	131 492	38 867	51 324	1 656	7 006	8 517	157 695	2 763 742

Table 2. **Labor Force Status of White Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Female, 55 to 64 years old	**2 408 401**	**779 710**	**32.4**	**421 363**	**131 346**	**73 401**	**2 573**	**9 340**	**23 616**	**118 071**	**1 628 691**
Labor force	1 129 103	420 772	37.3	232 100	76 647	38 454	1 599	5 188	11 960	54 824	708 331
Armed Forces	421	329	78.1	161	–	60	–	–	–	108	92
Civilian labor force	1 128 682	420 443	37.3	231 939	76 647	38 394	1 599	5 188	11 960	54 716	708 239
Employed	1 094 199	408 468	37.3	225 261	74 987	37 165	1 579	5 000	11 460	53 016	685 731
Unemployed	34 483	11 975	34.7	6 678	1 660	1 229	20	188	500	1 700	22 508
Percent	3.1	2.8	...	2.9	2.2	3.2	1.3	3.6	4.2	3.1	3.2
Not in labor force	1 279 298	358 938	28.1	189 263	54 699	34 947	974	4 152	11 656	63 247	920 360
COLLEGE 1 TO 3 YEARS											
Female, 55 to 64 years old	**855 670**	**331 822**	**38.8**	**159 416**	**75 981**	**15 707**	**2 363**	**3 769**	**27 473**	**47 113**	**523 848**
Labor force	408 465	176 635	43.2	88 173	43 250	8 314	1 305	1 729	12 710	21 154	231 830
Armed Forces	252	64	...	–	–	25	–	–	–	39	188
Civilian labor force	408 213	176 571	43.3	88 173	43 250	8 289	1 305	1 729	12 710	21 115	231 642
Employed	397 003	171 412	43.2	85 420	42 446	7 926	1 222	1 625	12 269	20 504	225 591
Unemployed	11 210	5 159	46.0	2 753	804	363	83	104	441	611	6 051
Percent	2.7	2.9	...	3.1	1.9	4.4	6.4	6.0	3.5	2.9	2.6
Not in labor force	447 205	155 187	34.7	71 243	32 731	7 393	1 058	2 040	14 763	25 959	292 018
COLLEGE 4 YEARS OR MORE											
Female, 55 to 64 years old	**657 878**	**155 494**	**23.6**	**35 326**	**31 683**	**5 011**	**1 783**	**6 688**	**33 223**	**41 780**	**502 384**
Labor force	401 494	94 618	23.6	21 350	20 169	3 226	1 158	3 715	22 065	22 935	306 876
Armed Forces	157	67	...	–	20	6	–	20	21	–	90
Civilian labor force	401 337	94 551	23.6	21 350	20 149	3 220	1 158	3 695	22 044	22 935	306 786
Employed	396 706	93 069	23.5	20 852	19 926	3 121	1 115	3 656	21 683	22 716	303 637
Unemployed	4 631	1 482	32.0	498	223	99	43	39	361	219	3 149
Percent	1.2	1.6	...	2.3	1.1	3.1	3.7	1.1	1.6	1.0	1.0
Not in labor force	256 384	60 876	23.7	13 976	11 514	1 785	625	2 973	11 158	18 845	195 508
LESS THAN 4 YEARS OF COLLEGE											
Female, 65 years old and over	**10 147 977**	**1 815 052**	**17.9**	**629 540**	**230 993**	**118 274**	**7 191**	**20 368**	**97 441**	**711 245**	**8 332 925**
Labor force	943 973	260 077	27.6	108 830	41 097	24 654	1 533	2 907	14 493	66 563	683 896
Armed Forces	338	119	...	20	20	–	–	–	21	58	219
Civilian labor force	943 635	259 958	27.5	108 810	41 077	24 654	1 533	2 907	14 472	66 505	683 677
Employed	875 510	244 357	27.9	101 639	39 349	23 001	1 239	2 647	13 677	62 805	631 153
Unemployed	68 125	15 601	22.9	7 171	1 728	1 653	294	260	795	3 700	52 524
Percent	7.2	6.0	...	6.6	4.2	6.7	19.2	8.9	5.5	5.6	7.7
Not in labor force	9 204 004	1 554 975	16.9	520 710	189 896	93 620	5 658	17 461	82 948	644 682	7 649 029
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 65 years old and over	**7 464 328**	**1 017 471**	**13.6**	**280 280**	**103 997**	**81 077**	**3 467**	**10 981**	**24 682**	**512 987**	**6 446 857**
Labor force	577 800	122 329	21.2	41 566	16 898	14 031	462	1 601	4 028	43 743	455 471
Armed Forces	172	65	...	–	20	–	–	–	21	24	107
Civilian labor force	577 628	122 264	21.2	41 566	16 878	14 031	462	1 601	4 007	43 719	455 364
Employed	530 230	114 445	21.6	38 664	16 085	13 043	272	1 437	3 801	41 143	415 785
Unemployed	47 398	7 819	16.5	2 902	793	988	190	164	206	2 576	39 579
Percent	8.2	6.4	...	7.0	4.7	7.0	41.1	10.2	5.1	5.9	8.7
Not in labor force	6 886 528	895 142	13.0	238 714	87 099	67 046	3 005	9 380	20 654	469 244	5 991 386
HIGH SCHOOL 4 YEARS											
Female, 65 years old and over	**1 832 720**	**524 978**	**28.6**	**245 830**	**80 955**	**27 737**	**2 023**	**5 051**	**28 809**	**134 573**	**1 307 742**
Labor force	244 456	90 017	36.8	46 254	14 927	7 558	554	612	4 550	15 562	154 439
Armed Forces	102	34	...	–	–	–	–	–	–	34	68
Civilian labor force	244 354	89 983	36.8	46 254	14 927	7 558	554	612	4 550	15 528	154 371
Employed	229 758	84 948	37.0	43 285	14 354	7 106	489	577	4 322	14 815	144 810
Unemployed	14 596	5 035	34.5	2 969	573	452	65	35	228	713	9 561
Percent	6.0	5.6	...	6.4	3.8	6.0	11.7	5.7	5.0	4.6	6.2
Not in labor force	1 588 264	434 961	27.4	199 576	66 028	20 179	1 469	4 439	24 259	119 011	1 153 303
COLLEGE 1 TO 3 YEARS											
Female, 65 years old and over	**850 929**	**272 603**	**32.0**	**103 430**	**46 041**	**9 460**	**1 701**	**4 336**	**43 950**	**63 685**	**578 326**
Labor force	121 717	47 731	39.2	21 010	9 272	3 065	517	694	5 915	7 258	73 986
Armed Forces	64	20	...	20	–	–	–	–	–	–	44
Civilian labor force	121 653	47 711	39.2	20 990	9 272	3 065	517	694	5 915	7 258	73 942
Employed	115 522	44 964	38.9	19 690	8 910	2 852	478	633	5 554	6 847	70 558
Unemployed	6 131	2 747	44.8	1 300	362	213	39	61	361	411	3 384
Percent	5.0	5.8	...	6.2	3.9	6.9	7.5	8.8	6.1	5.7	4.6
Not in labor force	729 212	224 872	30.8	82 420	36 769	6 395	1 184	3 642	38 035	56 427	504 340
COLLEGE 4 YEARS OR MORE											
Female, 65 years old and over	**543 671**	**128 040**	**23.6**	**19 392**	**20 445**	**3 661**	**1 145**	**5 906**	**32 188**	**45 303**	**415 631**
Labor force	105 842	26 435	25.0	5 453	5 000	1 049	455	1 224	6 614	6 640	79 407
Armed Forces	147	58	...	–	–	–	–	–	–	58	89
Civilian labor force	105 695	26 377	25.0	5 453	5 000	1 049	455	1 224	6 614	6 582	79 318
Employed	102 149	25 118	24.6	5 118	4 792	949	434	1 153	6 335	6 337	77 031
Unemployed	3 546	1 259	35.5	335	208	100	21	71	279	245	2 287
Percent	3.4	4.8	...	6.1	4.2	9.5	4.6	5.8	4.2	3.7	2.9
Not in labor force	437 829	101 605	23.2	13 939	15 445	2 612	690	4 682	25 574	38 663	336 224

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 years old and over	**6 236 002**	**1 390 433**	**22.3**	**105 914**	**31 763**	**524 606**	**70 262**	**34 579**	**60 307**	**563 002**	**4 845 569**
Labor force	4 314 765	1 088 779	25.2	93 097	27 295	449 608	61 160	27 935	50 777	378 907	3 225 986
Armed Forces	172 710	78 868	45.7	10 661	2 349	34 353	6 229	3 176	5 518	16 582	93 842
Civilian labor force	4 142 055	1 009 911	24.4	82 436	24 946	415 255	54 931	24 759	45 259	362 325	3 132 144
Employed	3 880 521	947 425	24.4	78 280	23 777	390 049	51 700	23 147	42 142	338 330	2 933 096
Unemployed	261 534	62 486	23.9	4 156	1 169	25 206	3 231	1 612	3 117	23 995	199 048
Percent	6.3	6.2	...	5.0	4.7	6.1	5.9	6.5	6.9	6.6	6.4
Not in labor force	1 921 237	301 654	15.7	12 817	4 468	74 998	9 102	6 644	9 530	184 095	1 619 583
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 years old and over	**4 383 609**	**702 848**	**16.0**	**22 035**	**10 506**	**248 181**	**18 376**	**18 468**	**25 993**	**359 289**	**3 680 761**
Labor force	2 771 031	499 829	18.0	17 612	8 335	198 809	14 213	13 625	20 181	227 054	2 271 202
Armed Forces	46 911	16 724	35.7	1 290	377	6 933	1 001	683	1 153	5 287	30 187
Civilian labor force	2 724 120	483 105	17.7	16 322	7 958	191 876	13 212	12 942	19 028	221 767	2 241 015
Employed	2 541 866	450 253	17.7	15 124	7 594	178 506	12 194	11 983	17 338	207 514	2 091 613
Unemployed	182 254	32 852	18.0	1 198	364	13 370	1 018	959	1 690	14 253	149 402
Percent	6.7	6.8	...	7.3	4.6	7.0	7.7	7.4	8.9	6.4	6.7
Not in labor force	1 612 578	203 019	12.6	4 423	2 171	49 372	4 163	4 843	5 812	132 235	1 409 559
HIGH SCHOOL 4 YEARS											
Male, 16 years old and over	**1 408 792**	**505 739**	**35.9**	**53 189**	**13 174**	**216 879**	**31 547**	**12 376**	**24 053**	**154 521**	**903 053**
Labor force	1 195 320	436 735	36.5	47 876	11 717	197 590	28 416	11 309	21 571	118 256	758 585
Armed Forces	102 016	50 021	49.0	6 746	1 299	23 475	3 752	2 208	3 483	9 058	51 995
Civilian labor force	1 093 304	386 714	35.4	41 130	10 418	174 115	24 664	9 101	18 088	109 198	706 590
Employed	1 030 777	364 548	35.4	39 067	9 931	164 839	23 286	8 536	17 152	101 737	666 229
Unemployed	62 527	22 166	35.5	2 063	487	9 276	1 378	565	936	7 461	40 361
Percent	5.7	5.7	...	5.0	4.7	5.3	5.6	6.2	5.2	6.8	5.7
Not in labor force	213 472	69 004	32.3	5 313	1 457	19 289	3 131	1 067	2 482	36 265	144 468
COLLEGE 1 TO 3 YEARS											
Male, 16 years old and over	**443 601**	**181 846**	**41.0**	**30 690**	**8 083**	**59 546**	**20 339**	**3 735**	**10 261**	**49 192**	**261 755**
Labor force	348 414	152 215	43.7	27 609	7 243	53 209	18 531	3 001	9 025	33 597	196 199
Armed Forces	23 783	12 123	51.0	2 625	673	3 945	1 476	285	882	2 237	11 660
Civilian labor force	324 631	140 092	43.2	24 984	6 570	49 264	17 055	2 716	8 143	31 360	184 539
Employed	307 878	132 624	43.1	24 089	6 252	46 704	16 220	2 628	7 652	29 079	175 254
Unemployed	16 753	7 468	44.6	895	318	2 560	835	88	491	2 281	9 285
Percent	5.2	5.3	...	3.6	4.8	5.2	4.9	3.2	6.0	7.3	5.0
Not in labor force	95 187	29 631	31.1	3 081	840	6 337	1 808	734	1 236	15 595	65 556
COLLEGE 4 YEARS OR MORE											
Male, 16 years old and over	**224 814**	**70 568**	**31.4**	**8 680**	**4 626**	**14 909**	**8 888**	**3 273**	**7 333**	**22 859**	**154 246**
Labor force	199 132	61 971	31.1	8 165	4 181	13 894	8 237	2 992	6 466	18 036	137 161
Armed Forces	7 339	2 725	37.1	384	119	607	670	127	96	722	4 614
Civilian labor force	191 793	59 246	30.9	7 781	4 062	13 287	7 567	2 865	6 370	17 314	132 547
Employed	188 876	57 982	30.7	7 701	4 007	13 045	7 444	2 843	6 308	16 634	130 894
Unemployed	2 917	1 264	43.3	80	55	242	123	22	62	680	1 653
Percent	1.5	2.1	...	1.0	1.4	1.8	1.6	0.8	1.0	3.9	1.2
Not in labor force	25 682	8 597	33.5	515	445	1 015	651	281	867	4 823	17 085
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 to 19 years old	**934 358**	**124 210**	**13.3**	**8 030**	**1 673**	**38 346**	**6 021**	**4 282**	**4 456**	**61 402**	**810 148**
Labor force	339 221	63 578	18.7	5 508	1 070	23 632	3 493	2 253	2 869	24 753	275 643
Armed Forces	28 561	11 079	38.8	1 219	45	5 407	618	665	532	2 593	17 482
Civilian labor force	310 660	52 499	16.9	4 289	1 025	18 225	2 875	1 588	2 337	22 160	258 161
Employed	255 154	43 907	17.2	3 672	942	14 981	2 384	1 305	1 875	18 748	211 247
Unemployed	55 506	8 592	15.5	617	83	3 244	491	283	462	3 412	46 914
Percent	17.9	16.4	...	14.4	8.1	17.8	17.1	17.8	19.8	15.4	18.2
Not in labor force	595 137	60 632	10.2	2 522	603	14 714	2 528	2 029	1 587	36 649	534 505
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 to 19 years old	**749 867**	**73 456**	**9.8**	**3 182**	**870**	**24 117**	**2 976**	**2 893**	**2 893**	**36 525**	**676 411**
Labor force	229 806	30 393	13.2	1 936	541	12 692	1 347	1 092	1 745	11 040	199 413
Armed Forces	11 936	3 616	30.3	294	–	1 953	141	190	204	834	8 320
Civilian labor force	217 870	26 777	12.3	1 642	541	10 739	1 206	902	1 541	10 206	191 093
Employed	175 224	21 614	12.3	1 364	493	8 459	986	697	1 125	8 490	153 610
Unemployed	42 646	5 163	12.1	278	48	2 280	220	205	416	1 716	37 483
Percent	19.6	19.3	...	16.9	8.9	21.2	18.2	22.7	27.0	16.8	19.6
Not in labor force	520 061	43 063	8.3	1 246	329	11 425	1 629	1 801	1 148	25 485	476 998
HIGH SCHOOL 4 YEARS											
Male, 16 to 19 years old	**153 152**	**42 584**	**27.8**	**3 749**	**626**	**13 068**	**2 547**	**1 215**	**1 451**	**19 928**	**110 568**
Labor force	94 834	28 848	30.4	2 882	444	10 131	1 773	1 035	1 065	11 518	65 986
Armed Forces	15 118	6 659	44.0	811	45	3 162	427	410	328	1 476	8 459
Civilian labor force	79 716	22 189	27.8	2 071	399	6 969	1 346	625	737	10 042	57 527
Employed	68 408	19 150	28.0	1 751	364	6 044	1 145	547	691	8 608	49 258
Unemployed	11 308	3 039	26.9	320	35	925	201	78	46	1 434	8 269
Percent	14.2	13.7	...	15.5	...	13.3	14.9	12.5	6.2	14.3	14.4
Not in labor force	58 318	13 736	23.6	867	182	2 937	774	180	386	8 410	44 582

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Male, 16 to 19 years old	**31 339**	**8 170**	**26.1**	**1 099**	**177**	**1 161**	**498**	**174**	**112**	**4 949**	**23 169**
Labor force	14 581	4 337	29.7	690	85	809	373	126	59	2 195	10 244
Armed Forces	1 507	804	53.4	114	–	292	50	65	–	283	703
Civilian labor force	13 074	3 533	27.0	576	85	517	323	61	59	1 912	9 541
Employed	11 522	3 143	27.3	557	85	478	253	61	59	1 650	8 379
Unemployed	1 552	390	25.1	19	–	39	70	–	–	262	1 162
Percent	11.9	11.0	...	3.3	–	7.5	...	–	–	13.7	12.2
Not in labor force	16 758	3 833	22.9	409	92	352	125	48	53	2 754	12 925
COLLEGE 4 YEARS OR MORE											
Male, 16 to 19 years old	**62**	–	–	–	–	–	–	–	–	–	**62**
Labor force	27	–	–	–	–	–	–	–	–	–	27
Armed Forces	27	–	–	–	–	–	–	–	–	–	27
Civilian labor force	–	–	–	–	–	–	–	–	–	–	–
Employed	–	–	–	–	–	–	–	–	–	–	–
Unemployed	–	–	–	–	–	–	–	–	–	–	–
Percent	–	–	...	–	–	–	–	–	–	–	–
Not in labor force	35	–	–	–	–	–	–	–	–	–	35
LESS THAN 4 YEARS OF COLLEGE											
Male, 20 to 24 years old	**786 444**	**225 887**	**28.7**	**22 977**	**4 870**	**81 282**	**16 381**	**5 425**	**11 098**	**83 854**	**560 557**
Labor force	601 257	178 172	29.6	19 630	4 063	68 071	13 937	4 482	9 168	58 821	423 085
Armed Forces	77 455	34 055	44.0	4 567	710	14 497	2 811	1 427	2 154	7 889	43 400
Civilian labor force	523 802	144 117	27.5	15 063	3 353	53 574	11 126	3 055	7 014	50 932	379 685
Employed	466 484	127 678	27.4	13 670	2 968	46 459	10 282	2 670	6 319	45 310	338 806
Unemployed	57 318	16 439	28.7	1 393	385	7 115	844	385	695	5 622	40 879
Percent	10.9	11.4	...	9.2	11.5	13.3	7.6	12.6	9.9	11.0	10.8
Not in labor force	185 187	47 715	25.8	3 347	807	13 211	2 444	943	1 930	25 033	137 472
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 20 to 24 years old	**331 710**	**64 755**	**19.5**	**3 465**	**1 236**	**25 452**	**2 734**	**1 366**	**3 742**	**26 760**	**266 955**
Labor force	238 209	46 247	19.4	2 737	902	18 871	2 226	1 122	2 767	17 622	191 962
Armed Forces	17 906	6 181	34.5	648	159	2 548	432	231	476	1 687	11 725
Civilian labor force	220 303	40 066	18.2	2 089	743	16 323	1 794	891	2 291	15 935	180 237
Employed	190 857	33 646	17.6	1 767	645	13 102	1 582	750	1 978	13 822	157 211
Unemployed	29 446	6 420	21.8	322	98	3 221	212	141	313	2 113	23 026
Percent	13.4	16.0	...	15.4	13.2	19.7	11.8	15.8	13.7	13.3	12.8
Not in labor force	93 501	18 508	19.8	728	334	6 581	508	244	975	9 138	74 993
HIGH SCHOOL 4 YEARS											
Male, 20 to 24 years old	**322 307**	**117 989**	**36.6**	**13 247**	**2 314**	**46 021**	**8 879**	**3 050**	**5 323**	**39 155**	**204 318**
Labor force	274 140	100 318	36.6	11 621	2 019	40 952	7 759	2 740	4 660	30 567	173 822
Armed Forces	46 950	22 653	48.2	2 750	380	10 440	1 677	1 076	1 236	5 094	24 297
Civilian labor force	227 190	77 665	34.2	8 871	1 639	30 512	6 082	1 664	3 424	25 473	149 525
Employed	206 209	70 190	34.0	8 059	1 450	27 424	5 645	1 464	3 146	23 002	136 019
Unemployed	20 981	7 475	35.6	812	189	3 088	437	200	278	2 471	13 506
Percent	9.2	9.6	...	9.2	11.5	10.1	7.2	12.0	8.1	9.7	9.0
Not in labor force	48 167	17 671	36.7	1 626	295	5 069	1 120	310	663	8 588	30 496
COLLEGE 1 TO 3 YEARS											
Male, 20 to 24 years old	**132 427**	**43 143**	**32.6**	**6 265**	**1 320**	**9 809**	**4 768**	**1 009**	**2 033**	**17 939**	**89 284**
Labor force	88 908	31 607	35.6	5 272	1 142	8 248	3 952	620	1 741	10 632	57 301
Armed Forces	12 599	5 221	41.4	1 169	171	1 509	702	120	442	1 108	7 378
Civilian labor force	76 309	26 386	34.6	4 103	971	6 739	3 250	500	1 299	9 524	49 923
Employed	69 418	23 842	34.3	3 844	873	5 933	3 055	456	1 195	8 486	45 576
Unemployed	6 891	2 544	36.9	259	98	806	195	44	104	1 038	4 347
Percent	9.0	9.6	...	6.3	10.1	12.0	6.0	8.8	8.0	10.9	8.7
Not in labor force	43 519	11 536	26.5	993	178	1 561	816	389	292	7 307	31 983
COLLEGE 4 YEARS OR MORE											
Male, 20 to 24 years old	**21 950**	**5 632**	**25.7**	**670**	**179**	**406**	**740**	**154**	**425**	**3 058**	**16 318**
Labor force	17 095	4 545	26.6	631	162	282	651	140	331	2 348	12 550
Armed Forces	2 331	944	40.5	185	23	128	134	78	61	335	1 387
Civilian labor force	14 764	3 601	24.4	446	139	154	517	62	270	2 013	11 163
Employed	14 165	3 376	23.8	446	139	154	517	62	251	1 807	10 789
Unemployed	599	225	37.6	–	–	–	–	–	19	206	374
Percent	4.1	6.2	...	–	–	–	–	–	...	10.2	3.4
Not in labor force	4 855	1 087	22.4	39	17	124	89	14	94	710	3 768
LESS THAN 4 YEARS OF COLLEGE											
Male, 25 to 34 years old	**1 141 157**	**308 861**	**27.1**	**30 771**	**10 517**	**123 482**	**20 642**	**5 886**	**14 131**	**103 432**	**832 296**
Labor force	995 088	270 656	27.2	28 539	9 379	111 842	19 313	5 328	12 564	83 691	724 432
Armed Forces	39 582	19 540	49.4	2 852	942	8 483	1 746	576	1 991	2 950	20 042
Civilian labor force	955 506	251 116	26.3	25 687	8 437	103 359	17 567	4 752	10 573	80 741	704 390
Employed	905 976	237 416	26.2	24 816	8 018	97 048	16 700	4 606	9 801	76 427	668 560
Unemployed	49 530	13 700	27.7	871	419	6 311	867	146	772	4 314	35 830
Percent	5.2	5.5	...	3.4	5.0	6.1	4.9	3.1	7.3	5.3	5.1
Not in labor force	146 069	38 205	26.2	2 232	1 138	11 640	1 329	558	1 567	19 741	107 864

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 25 to 34 years old	**595 801**	**104 223**	**17.5**	**3 780**	**2 393**	**38 001**	**2 849**	**1 364**	**3 658**	**52 178**	**491 578**
Labor force	494 774	84 286	17.0	3 339	2 035	31 813	2 558	1 095	2 955	40 491	410 488
Armed Forces	9 088	3 445	37.9	166	156	1 440	271	59	304	1 049	5 643
Civilian labor force	485 686	80 841	16.6	3 173	1 879	30 373	2 287	1 036	2 651	39 442	404 845
Employed	456 369	74 943	16.4	2 994	1 761	27 447	2 103	1 002	2 354	37 282	381 426
Unemployed	29 317	5 898	20.1	179	118	2 926	184	34	297	2 160	23 419
Percent	6.0	7.3	...	5.6	6.3	9.6	8.0	3.3	11.2	5.5	5.8
Not in labor force	101 027	19 937	19.7	441	358	6 188	291	269	703	11 687	81 090
HIGH SCHOOL 4 YEARS											
Male, 25 to 34 years old	**427 364**	**152 484**	**35.7**	**17 503**	**4 832**	**68 116**	**10 276**	**3 533**	**7 421**	**40 803**	**274 880**
Labor force	393 738	139 040	35.3	16 391	4 353	64 044	9 790	3 403	6 792	34 267	254 698
Armed Forces	24 965	12 753	51.1	1 868	500	6 053	1 134	438	1 460	1 300	12 212
Civilian labor force	368 773	126 287	34.2	14 523	3 853	57 991	8 656	2 965	5 332	32 967	242 486
Employed	352 581	120 730	34.2	14 098	3 696	55 438	8 297	2 853	5 025	31 323	231 851
Unemployed	16 192	5 557	34.3	425	157	2 553	359	112	307	1 644	10 635
Percent	4.4	4.4	...	2.9	4.1	4.4	4.1	3.8	5.8	5.0	4.4
Not in labor force	33 626	13 444	40.0	1 112	479	4 072	486	130	629	6 536	20 182
COLLEGE 1 TO 3 YEARS											
Male, 25 to 34 years old	**117 992**	**52 154**	**44.2**	**9 488**	**3 292**	**17 365**	**7 517**	**989**	**3 052**	**10 451**	**65 838**
Labor force	106 576	47 330	44.4	8 809	2 991	15 985	6 965	830	2 817	8 933	59 246
Armed Forces	5 529	3 342	60.4	818	286	990	341	79	227	601	2 187
Civilian labor force	101 047	43 988	43.5	7 991	2 705	14 995	6 624	751	2 590	8 332	57 059
Employed	97 026	41 743	43.0	7 724	2 561	14 163	6 300	751	2 422	7 822	55 283
Unemployed	4 021	2 245	55.8	267	144	832	324	–	168	510	1 776
Percent	4.0	5.1	...	3.3	5.3	5.5	4.9	–	6.5	6.1	3.1
Not in labor force	11 416	4 824	42.3	679	301	1 380	552	159	235	1 518	6 592
COLLEGE 4 YEARS OR MORE											
Male, 25 to 34 years old	**74 312**	**22 225**	**29.9**	**2 634**	**1 570**	**3 590**	**3 580**	**657**	**2 245**	**7 949**	**52 087**
Labor force	67 836	19 962	29.4	2 377	1 436	3 459	3 379	626	1 960	6 725	47 874
Armed Forces	2 932	1 064	36.3	59	57	297	268	49	35	299	1 868
Civilian labor force	64 904	18 898	29.1	2 318	1 379	3 162	3 111	577	1 925	6 426	46 006
Employed	63 786	18 383	28.8	2 275	1 346	3 021	3 073	577	1 900	6 191	45 403
Unemployed	1 118	515	46.1	43	33	141	38	–	25	235	603
Percent	1.7	2.7	...	1.9	2.4	4.5	1.2	–	1.3	3.7	1.3
Not in labor force	6 476	2 263	34.9	257	134	131	201	31	285	1 224	4 213
LESS THAN 4 YEARS OF COLLEGE											
Male, 35 to 44 years old	**1 028 636**	**278 783**	**27.1**	**22 808**	**7 380**	**118 036**	**14 432**	**6 296**	**13 226**	**96 605**	**749 853**
Labor force	903 547	246 908	27.3	21 146	6 745	108 413	13 440	5 667	12 083	79 414	656 639
Armed Forces	22 749	12 126	53.3	1 771	576	5 264	939	355	825	2 396	10 623
Civilian labor force	880 798	234 782	26.7	19 375	6 169	103 149	12 501	5 312	11 258	77 018	646 016
Employed	843 515	224 843	26.7	18 655	6 010	99 453	11 992	5 035	10 636	73 062	618 672
Unemployed	37 283	9 939	26.7	720	159	3 696	509	277	622	3 956	27 344
Percent	4.2	4.2	...	3.7	2.6	3.6	4.1	5.2	5.5	5.1	4.2
Not in labor force	125 089	31 875	25.5	1 662	635	9 623	992	629	1 143	17 191	93 214
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 35 to 44 years old	**699 482**	**140 473**	**20.1**	**4 717**	**2 332**	**55 908**	**3 835**	**3 501**	**5 285**	**64 895**	**559 009**
Labor force	601 756	120 107	20.0	4 248	1 960	49 776	3 355	3 024	4 609	53 135	481 649
Armed Forces	5 833	2 526	43.3	168	43	751	115	88	153	1 208	3 307
Civilian labor force	595 923	117 581	19.7	4 080	1 917	49 025	3 240	2 936	4 456	51 927	478 342
Employed	568 768	112 263	19.7	3 925	1 875	47 134	3 097	2 749	4 165	49 318	456 505
Unemployed	27 155	5 318	19.6	155	42	1 891	143	187	291	2 609	21 837
Percent	4.6	4.5	...	3.8	2.2	3.9	4.4	6.4	6.5	5.0	4.6
Not in labor force	97 726	20 366	20.8	469	372	6 132	480	477	676	11 760	77 360
HIGH SCHOOL 4 YEARS											
Male, 35 to 44 years old	**253 616**	**100 383**	**39.6**	**10 447**	**3 006**	**47 418**	**5 994**	**2 271**	**5 575**	**25 672**	**153 233**
Labor force	231 430	91 433	39.5	9 614	2 837	44 818	5 594	2 119	5 251	21 200	139 997
Armed Forces	13 136	7 019	53.4	1 119	317	3 426	441	246	459	1 011	6 117
Civilian labor force	218 294	84 414	38.7	8 495	2 520	41 392	5 153	1 873	4 792	20 189	133 880
Employed	210 343	80 765	38.4	8 184	2 453	39 909	4 849	1 783	4 591	18 996	129 578
Unemployed	7 951	3 649	45.9	311	67	1 483	304	90	201	1 193	4 302
Percent	3.6	4.3	...	3.7	2.7	3.6	5.9	4.8	4.2	5.9	3.2
Not in labor force	22 186	8 950	40.3	833	169	2 600	400	152	324	4 472	13 236
COLLEGE 1 TO 3 YEARS											
Male, 35 to 44 years old	**75 538**	**37 927**	**50.2**	**7 644**	**2 042**	**14 710**	**4 603**	**524**	**2 366**	**6 038**	**37 611**
Labor force	70 361	35 368	50.3	7 284	1 948	13 819	4 491	524	2 223	5 079	34 993
Armed Forces	3 780	2 581	68.3	484	216	1 087	383	21	213	177	1 199
Civilian labor force	66 581	32 787	49.2	6 800	1 732	12 732	4 108	503	2 010	4 902	33 794
Employed	64 404	31 815	49.4	6 546	1 682	12 410	4 046	503	1 880	4 748	32 589
Unemployed	2 177	972	44.6	254	50	322	62	–	130	154	1 205
Percent	3.3	3.0	...	3.7	2.9	2.5	1.5	–	6.5	3.1	3.6
Not in labor force	5 177	2 559	49.4	360	94	891	112	–	143	959	2 618

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Male, 35 to 44 years old	**59 452**	**19 881**	**33.4**	**2 655**	**1 358**	**4 886**	**2 657**	**786**	**1 950**	**5 589**	**39 571**
Labor force	56 660	18 544	32.7	2 635	1 318	4 716	2 515	761	1 909	4 690	38 116
Armed Forces	1 726	598	34.6	140	39	159	209	–	–	51	1 128
Civilian labor force	54 934	17 946	32.7	2 495	1 279	4 557	2 306	761	1 909	4 639	36 988
Employed	54 297	17 619	32.4	2 472	1 257	4 533	2 221	761	1 891	4 484	36 678
Unemployed	637	327	51.3	23	22	24	85	–	18	155	310
Percent	1.2	1.8	...	0.9	1.7	0.5	3.7	–	0.9	3.3	0.8
Not in labor force	2 792	1 337	47.9	20	40	170	142	25	41	899	1 455
LESS THAN 4 YEARS OF COLLEGE											
Male, 45 to 54 years old	**936 005**	**236 573**	**25.3**	**13 777**	**4 294**	**105 489**	**8 381**	**7 984**	**9 778**	**86 870**	**699 432**
Labor force	791 868	207 737	26.2	12 907	3 918	95 542	7 717	7 220	8 727	71 706	584 131
Armed Forces	3 567	1 690	47.4	172	76	636	22	130	16	638	1 877
Civilian labor force	788 301	206 047	26.1	12 735	3 842	94 906	7 695	7 090	8 711	71 068	582 254
Employed	756 823	197 546	26.1	12 361	3 760	91 695	7 260	6 740	8 462	67 268	559 277
Unemployed	31 478	8 501	27.0	374	82	3 211	435	350	249	3 800	22 977
Percent	4.0	4.1	...	2.9	2.1	3.4	5.7	4.9	2.9	5.3	3.9
Not in labor force	144 137	28 836	20.0	870	376	9 947	664	764	1 051	15 164	115 301
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 45 to 54 years old	**733 708**	**150 210**	**20.5**	**3 839**	**1 828**	**64 565**	**3 306**	**5 902**	**5 785**	**64 985**	**583 498**
Labor force	610 436	129 142	21.2	3 419	1 640	57 417	2 837	5 295	5 057	53 477	481 294
Armed Forces	1 629	776	47.6	14	19	194	–	92	16	441	853
Civilian labor force	608 807	128 366	21.1	3 405	1 621	57 223	2 837	5 203	5 041	53 036	480 441
Employed	583 104	122 653	21.0	3 229	1 578	55 379	2 630	4 936	4 918	49 983	460 451
Unemployed	25 703	5 713	22.2	176	43	1 844	207	267	123	3 053	19 990
Percent	4.2	4.5	...	5.2	2.7	3.2	7.3	5.1	2.4	5.8	4.2
Not in labor force	123 272	21 068	17.1	420	188	7 148	469	607	728	11 508	102 204
HIGH SCHOOL 4 YEARS											
Male, 45 to 54 years old	**152 623**	**60 211**	**39.5**	**5 410**	**1 658**	**29 747**	**2 816**	**1 469**	**2 472**	**16 639**	**92 412**
Labor force	136 612	54 675	40.0	5 199	1 499	27 889	2 687	1 377	2 313	13 711	81 937
Armed Forces	1 618	787	48.6	118	57	375	22	38	–	177	831
Civilian labor force	134 994	53 888	39.9	5 081	1 442	27 514	2 665	1 339	2 313	13 534	81 106
Employed	130 611	52 086	39.9	4 979	1 403	26 569	2 588	1 278	2 228	13 041	78 525
Unemployed	4 383	1 802	41.1	102	39	945	77	61	85	493	2 581
Percent	3.2	3.3	...	2.0	2.7	3.4	2.9	4.6	3.7	3.6	3.2
Not in labor force	16 011	5 536	34.6	211	159	1 858	129	92	159	2 928	10 475
COLLEGE 1 TO 3 YEARS											
Male, 45 to 54 years old	**49 674**	**26 152**	**52.6**	**4 528**	**808**	**11 177**	**2 259**	**613**	**1 521**	**5 246**	**23 522**
Labor force	44 820	23 920	53.4	4 289	779	10 236	2 193	548	1 357	4 518	20 900
Armed Forces	320	127	...	40	–	67	–	–	–	20	193
Civilian labor force	44 500	23 793	53.5	4 249	779	10 169	2 193	548	1 357	4 498	20 707
Employed	43 108	22 807	52.9	4 153	779	9 747	2 042	526	1 316	4 244	20 301
Unemployed	1 392	986	70.8	96	–	422	151	22	41	254	406
Percent	3.1	4.1	...	2.3	–	4.1	6.9	4.0	3.0	5.6	2.0
Not in labor force	4 854	2 232	46.0	239	29	941	66	65	164	728	2 622
COLLEGE 4 YEARS OR MORE											
Male, 45 to 54 years old	**35 953**	**12 870**	**35.8**	**1 731**	**617**	**4 116**	**1 228**	**1 024**	**1 423**	**2 731**	**23 083**
Labor force	34 493	12 324	35.7	1 683	592	3 941	1 168	1 003	1 354	2 583	22 169
Armed Forces	300	96	...	–	–	23	36	–	–	37	204
Civilian labor force	34 193	12 228	35.8	1 683	592	3 918	1 132	1 003	1 354	2 546	21 965
Employed	33 850	12 069	35.7	1 669	592	3 862	1 132	981	1 354	2 479	21 781
Unemployed	343	159	...	14	–	56	–	22	–	67	184
Percent	1.0	1.3	...	0.8	–	1.4	–	2.2	–	2.6	0.8
Not in labor force	1 460	546	37.4	48	25	175	60	21	69	148	914
LESS THAN 4 YEARS OF COLLEGE											
Male, 55 to 64 years old	**732 005**	**127 375**	**17.4**	**5 047**	**1 916**	**42 935**	**3 125**	**3 346**	**5 227**	**65 779**	**604 630**
Labor force	526 982	96 894	18.4	4 222	1 602	35 768	2 585	2 518	4 305	45 894	430 088
Armed Forces	663	325	49.0	59	–	66	93	23	–	84	338
Civilian labor force	526 319	96 569	18.3	4 163	1 602	35 702	2 492	2 495	4 305	45 810	429 750
Employed	504 940	92 574	18.3	4 002	1 576	34 360	2 407	2 367	4 115	43 747	412 366
Unemployed	21 379	3 995	18.7	161	26	1 342	85	128	190	2 063	17 384
Percent	4.1	4.1	...	3.9	1.6	3.8	3.4	5.1	4.4	4.5	4.0
Not in labor force	205 023	30 481	14.9	825	314	7 167	540	828	922	19 885	174 542
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 55 to 64 years old	**643 417**	**95 550**	**14.9**	**1 794**	**1 092**	**29 472**	**1 756**	**2 441**	**2 963**	**56 032**	**547 867**
Labor force	455 595	70 534	15.5	1 483	920	23 997	1 409	1 750	2 382	38 593	385 061
Armed Forces	434	148	34.1	–	–	47	42	23	–	36	286
Civilian labor force	455 161	70 386	15.5	1 483	920	23 950	1 367	1 727	2 382	38 557	384 775
Employed	435 619	67 160	15.4	1 395	920	22 926	1 315	1 621	2 259	36 724	368 459
Unemployed	19 542	3 226	16.5	88	–	1 024	52	106	123	1 833	16 316
Percent	4.3	4.6	...	5.9	–	4.3	3.8	6.1	5.2	4.8	4.2
Not in labor force	187 822	25 016	13.3	311	172	5 475	347	691	581	17 439	162 806

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Male, 55 to 64 years old	**66 124**	**22 258**	**33.7**	**2 057**	**547**	**9 503**	**860**	**609**	**1 337**	**7 345**	**43 866**
Labor force	52 714	18 309	34.7	1 730	469	8 199	690	490	1 192	5 539	34 405
Armed Forces	181	129	...	59	–	19	51	–	–	–	52
Civilian labor force	52 533	18 180	34.6	1 671	469	8 180	639	490	1 192	5 539	34 353
Employed	51 269	17 702	34.5	1 598	469	7 984	639	490	1 173	5 349	33 567
Unemployed	1 264	478	37.8	73	–	196	–	–	19	190	786
Percent	2.4	2.6	...	4.4	–	2.4	–	–	1.6	3.4	2.3
Not in labor force	13 410	3 949	29.4	327	78	1 304	170	119	145	1 806	9 461
COLLEGE 1 TO 3 YEARS											
Male, 55 to 64 years old	**22 464**	**9 567**	**42.6**	**1 196**	**277**	**3 960**	**509**	**296**	**927**	**2 402**	**12 897**
Labor force	18 673	8 051	43.1	1 009	213	3 572	486	278	731	1 762	10 622
Armed Forces	48	48	...	–	–	–	–	–	–	48	–
Civilian labor force	18 625	8 003	43.0	1 009	213	3 572	486	278	731	1 714	10 622
Employed	18 052	7 712	42.7	1 009	187	3 450	453	256	683	1 674	10 340
Unemployed	573	291	50.8	–	26	122	33	22	48	40	282
Percent	3.1	3.6	...	–	...	3.4	6.8	...	6.6	2.3	2.7
Not in labor force	3 791	1 516	40.0	187	64	388	23	18	196	640	2 275
COLLEGE 4 YEARS OR MORE											
Male, 55 to 64 years old	**19 530**	**5 643**	**28.9**	**710**	**457**	**1 163**	**502**	**417**	**696**	**1 698**	**13 887**
Labor force	17 121	4 781	27.9	640	356	1 094	456	374	600	1 261	12 340
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	17 121	4 781	27.9	640	356	1 094	456	374	600	1 261	12 340
Employed	16 965	4 743	28.0	640	356	1 073	456	374	600	1 244	12 222
Unemployed	156	38	...	–	–	21	–	–	–	17	118
Percent	0.9	0.8	...	–	–	1.9	–	–	–	1.3	1.0
Not in labor force	2 409	862	35.8	70	101	69	46	43	96	437	1 547
LESS THAN 4 YEARS OF COLLEGE											
Male, 65 years old and over	**677 397**	**88 744**	**13.1**	**2 504**	**1 113**	**15 036**	**1 280**	**1 360**	**2 391**	**65 060**	**588 653**
Labor force	156 802	24 834	15.8	1 145	518	6 340	675	467	1 061	14 628	131 968
Armed Forces	133	53	...	21	–	–	–	–	–	32	80
Civilian labor force	156 669	24 781	15.8	1 124	518	6 340	675	467	1 061	14 596	131 888
Employed	147 629	23 461	15.9	1 104	503	6 053	675	424	934	13 768	124 168
Unemployed	9 040	1 320	14.6	20	15	287	–	43	127	828	7 720
Percent	5.8	5.3	...	1.8	2.9	4.5	–	9.2	12.0	5.7	5.9
Not in labor force	520 595	63 910	12.3	1 359	595	8 696	605	893	1 330	50 432	456 685
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 65 years old and over	**629 624**	**74 181**	**11.8**	**1 258**	**755**	**10 666**	**920**	**1 001**	**1 667**	**57 914**	**555 443**
Labor force	140 455	19 120	13.6	450	337	4 243	481	247	666	12 696	121 335
Armed Forces	85	32	...	–	–	–	–	–	–	32	53
Civilian labor force	140 370	19 088	13.6	450	337	4 243	481	247	666	12 664	121 282
Employed	131 925	17 974	13.6	450	322	4 059	481	228	539	11 895	113 951
Unemployed	8 445	1 114	13.2	–	15	184	–	19	127	769	7 331
Percent	6.0	5.8	...	–	...	4.3	–	...	19.1	6.1	6.0
Not in labor force	489 169	55 061	11.3	808	418	6 423	439	754	1 001	45 218	434 108
HIGH SCHOOL 4 YEARS											
Male, 65 years old and over	**33 606**	**9 830**	**29.3**	**776**	**191**	**3 006**	**175**	**229**	**474**	**4 979**	**23 776**
Labor force	11 852	4 112	34.7	439	96	1 557	123	145	298	1 454	7 740
Armed Forces	48	21	...	21	–	–	–	–	–	–	27
Civilian labor force	11 804	4 091	34.7	418	96	1 557	123	145	298	1 454	7 713
Employed	11 356	3 925	34.6	398	96	1 471	123	121	298	1 418	7 431
Unemployed	448	166	37.1	20	–	86	–	24	–	36	282
Percent	3.8	4.1	...	4.8	–	5.5	–	...	–	2.5	3.7
Not in labor force	21 754	5 718	26.3	337	95	1 449	52	84	176	3 525	16 036
COLLEGE 1 TO 3 YEARS											
Male, 65 years old and over	**14 167**	**4 733**	**33.4**	**470**	**167**	**1 364**	**185**	**130**	**250**	**2 167**	**9 434**
Labor force	4 495	1 602	35.6	256	85	540	71	75	97	478	2 893
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	4 495	1 602	35.6	256	85	540	71	75	97	478	2 893
Employed	4 348	1 562	35.9	256	85	523	71	75	97	455	2 786
Unemployed	147	40	...	–	–	17	–	–	–	23	107
Percent	3.3	2.5	...	–	–	3.1	–	–	–	4.8	3.7
Not in labor force	9 672	3 131	32.4	214	82	824	114	55	153	1 689	6 541
COLLEGE 4 YEARS OR MORE											
Male, 65 years old and over	**13 555**	**4 317**	**31.8**	**280**	**445**	**748**	**181**	**235**	**594**	**1 834**	**9 238**
Labor force	5 900	1 815	30.8	199	317	402	68	88	312	429	4 085
Armed Forces	23	23	...	–	–	–	23	–	–	–	–
Civilian labor force	5 877	1 792	30.5	199	317	402	45	88	312	429	4 085
Employed	5 813	1 792	30.8	199	317	402	45	88	312	429	4 021
Unemployed	64	–	–	–	–	–	–	–	–	–	64
Percent	1.1	–	...	–	–	–	–	–	–	–	1.6
Not in labor force	7 655	2 502	32.7	81	128	346	113	147	282	1 405	5 153

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 years old and over	**7 266 382**	**1 454 390**	**20.0**	**348 078**	**284 402**	**182 166**	**7 347**	**40 158**	**39 622**	**552 617**	**5 811 992**
Labor force	3 380 122	911 498	27.0	253 499	208 396	120 405	4 827	22 783	24 317	277 271	2 468 624
Armed Forces	5 230	2 413	46.1	909	433	468	21	–	38	544	2 817
Civilian labor force	3 374 892	909 085	26.9	252 590	207 963	119 937	4 806	22 783	24 279	276 727	2 465 807
Employed	3 097 656	844 850	27.3	233 268	197 083	110 351	4 400	20 439	21 917	257 392	2 252 806
Unemployed	277 236	64 235	23.2	19 322	10 880	9 586	406	2 344	2 362	19 335	213 001
Percent	8.2	7.1	...	7.6	5.2	8.0	8.4	10.3	9.7	7.0	8.6
Not in labor force	3 886 260	542 892	14.0	94 579	76 006	61 761	2 520	17 375	15 305	275 346	3 343 368
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 years old and over	**4 866 831**	**624 082**	**12.8**	**66 363**	**106 411**	**84 535**	**2 536**	**18 442**	**16 657**	**329 138**	**4 242 749**
Labor force	1 898 006	330 270	17.4	40 584	71 373	51 765	1 284	9 408	9 198	146 658	1 567 736
Armed Forces	665	273	41.1	45	–	135	21	–	–	72	392
Civilian labor force	1 897 341	329 997	17.4	40 539	71 373	51 630	1 263	9 408	9 198	146 586	1 567 344
Employed	1 730 282	304 179	17.6	36 006	66 610	47 139	1 151	8 428	8 145	136 700	1 426 103
Unemployed	167 059	25 818	15.5	4 533	4 763	4 491	112	980	1 053	9 886	141 241
Percent	8.8	7.8	...	11.2	6.7	8.7	8.9	10.4	11.4	6.7	9.0
Not in labor force	2 968 825	293 812	9.9	25 779	35 038	32 770	1 252	9 034	7 459	182 480	2 675 013
HIGH SCHOOL 4 YEARS											
Female, 16 years old and over	**1 871 777**	**622 625**	**33.3**	**205 881**	**130 112**	**80 576**	**2 931**	**17 063**	**15 163**	**170 899**	**1 249 152**
Labor force	1 153 519	436 100	37.8	154 798	99 713	56 759	2 083	10 376	10 388	101 983	717 419
Armed Forces	3 867	1 879	48.6	717	369	316	–	–	38	439	1 988
Civilian labor force	1 149 652	434 221	37.8	154 081	99 344	56 443	2 083	10 376	10 350	101 544	715 431
Employed	1 058 348	403 358	38.1	142 608	94 481	51 914	1 865	9 252	9 301	93 937	654 990
Unemployed	91 304	30 863	33.8	11 473	4 863	4 529	218	1 124	1 049	7 607	60 441
Percent	7.9	7.1	...	7.4	4.9	8.0	10.5	10.8	10.1	7.5	8.4
Not in labor force	718 258	186 525	26.0	51 083	30 399	23 817	848	6 687	4 775	68 916	531 733
COLLEGE 1 TO 3 YEARS											
Female, 16 years old and over	**527 774**	**207 683**	**39.4**	**75 834**	**47 879**	**17 055**	**1 880**	**4 653**	**7 802**	**52 580**	**320 091**
Labor force	328 597	145 128	44.2	58 117	37 310	11 881	1 460	2 999	4 731	28 630	183 469
Armed Forces	698	261	37.4	147	64	17	–	–	–	33	437
Civilian labor force	327 899	144 867	44.2	57 970	37 246	11 864	1 460	2 999	4 731	28 597	183 032
Employed	309 026	137 313	44.4	54 654	35 992	11 298	1 384	2 759	4 471	26 755	171 713
Unemployed	18 873	7 554	40.0	3 316	1 254	566	76	240	260	1 842	11 319
Percent	5.8	5.2	...	5.7	3.4	4.8	5.2	8.0	5.5	6.4	6.2
Not in labor force	199 177	62 555	31.4	17 717	10 569	5 174	420	1 654	3 071	23 950	136 622
COLLEGE 4 YEARS OR MORE											
Female, 16 years old and over	**302 028**	**79 392**	**26.3**	**11 531**	**11 878**	**4 091**	**689**	**5 574**	**10 436**	**35 193**	**222 636**
Labor force	240 696	59 847	24.9	9 658	9 600	3 213	539	4 603	8 493	23 741	180 849
Armed Forces	234	70	...	54	–	16	–	–	–	–	164
Civilian labor force	240 462	59 777	24.9	9 604	9 600	3 197	539	4 603	8 493	23 741	180 685
Employed	236 003	58 317	24.7	9 349	9 450	3 087	517	4 551	8 432	22 931	177 686
Unemployed	4 459	1 460	32.7	255	150	110	22	52	61	810	2 999
Percent	1.9	2.4	...	2.7	1.6	3.4	4.1	1.1	0.7	3.4	1.7
Not in labor force	61 332	19 545	31.9	1 873	2 278	878	150	971	1 943	11 452	41 787
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 to 19 years old	**952 457**	**132 428**	**13.9**	**40 844**	**11 894**	**8 267**	**809**	**5 526**	**3 507**	**61 581**	**820 029**
Labor force	247 701	54 612	22.0	23 261	6 087	4 015	406	1 390	1 510	17 943	193 089
Armed Forces	1 377	391	28.4	157	40	45	–	–	38	111	986
Civilian labor force	246 324	54 221	22.0	23 104	6 047	3 970	406	1 390	1 472	17 832	192 103
Employed	192 693	44 568	23.1	19 831	4 680	3 114	369	1 021	1 160	14 393	148 125
Unemployed	53 631	9 653	18.0	3 273	1 367	856	37	369	312	3 439	43 978
Percent	21.8	17.8	...	14.2	22.6	21.6	9.1	26.5	21.2	19.3	22.9
Not in labor force	704 756	77 816	11.0	17 583	5 807	4 252	403	4 136	1 997	43 638	626 940
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 to 19 years old	**700 215**	**65 415**	**9.3**	**15 486**	**6 187**	**4 487**	**339**	**3 778**	**1 593**	**33 545**	**634 800**
Labor force	128 352	17 923	14.0	6 720	2 671	1 482	128	721	607	5 594	110 429
Armed Forces	77	–	–	–	–	–	–	–	–	–	77
Civilian labor force	128 275	17 923	14.0	6 720	2 671	1 482	128	721	607	5 594	110 352
Employed	95 247	13 679	14.4	5 511	1 837	1 006	128	491	452	4 254	81 568
Unemployed	33 028	4 244	12.8	1 209	834	476	–	230	155	1 340	28 784
Percent	25.7	23.7	...	18.0	31.2	32.1	–	31.9	25.5	24.0	26.1
Not in labor force	571 863	47 492	8.3	8 766	3 516	3 005	211	3 057	986	27 951	524 371
HIGH SCHOOL 4 YEARS											
Female, 16 to 19 years old	**209 317**	**56 119**	**26.8**	**21 892**	**5 119**	**3 466**	**325**	**1 540**	**1 475**	**22 302**	**153 198**
Labor force	102 319	31 490	30.8	14 404	3 026	2 335	152	540	725	10 308	70 829
Armed Forces	1 267	391	30.9	157	40	45	–	–	38	111	876
Civilian labor force	101 052	31 099	30.8	14 247	2 986	2 290	152	540	687	10 197	69 953
Employed	82 656	26 497	32.1	12 500	2 559	1 979	152	424	550	8 333	56 159
Unemployed	18 396	4 602	25.0	1 747	427	311	–	116	137	1 864	13 794
Percent	18.2	14.8	...	12.3	14.3	13.6	–	21.5	19.9	18.3	19.7
Not in labor force	106 998	24 629	23.0	7 488	2 093	1 131	173	1 000	750	11 994	82 369

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Female, 16 to 19 years old	**42 925**	**10 894**	**25.4**	**3 466**	**588**	**314**	**145**	**208**	**439**	**5 734**	**32 031**
Labor force	17 030	5 199	30.5	2 137	390	198	126	129	178	2 041	11 831
Armed Forces	33	–	–	–	–	–	–	–	–	–	33
Civilian labor force	16 997	5 199	30.6	2 137	390	198	126	129	178	2 041	11 798
Employed	14 790	4 392	29.7	1 820	284	129	89	106	158	1 806	10 398
Unemployed	2 207	807	36.6	317	106	69	37	23	20	235	1 400
Percent	13.0	15.5	...	14.8	...	...	...	...	...	11.5	11.9
Not in labor force	25 895	5 695	22.0	1 329	198	116	19	79	261	3 693	20 200
COLLEGE 4 YEARS OR MORE											
Female, 16 to 19 years old	**207**	**81**	...	**17**	**21**	**22**	–	–	–	**21**	**126**
Labor force	82	22	...	–	–	22	–	–	–	–	60
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	82	22	...	–	–	22	–	–	–	–	60
Employed	61	22	...	–	–	22	–	–	–	–	39
Unemployed	21	–	–	–	–	–	–	–	–	–	21
Percent	...	–	...	–	–	–	–	–	–	–	...
Not in labor force	125	59	...	17	21	–	–	–	–	21	66
LESS THAN 4 YEARS OF COLLEGE											
Female, 20 to 24 years old	**919 589**	**250 873**	**27.3**	**99 274**	**40 339**	**21 059**	**1 223**	**6 437**	**7 005**	**75 536**	**668 716**
Labor force	512 622	172 523	33.7	73 883	29 568	14 296	923	3 921	4 712	45 220	340 099
Armed Forces	1 976	1 041	52.7	369	292	145	–	–	–	235	935
Civilian labor force	510 646	171 482	33.6	73 514	29 276	14 151	923	3 921	4 712	44 985	339 164
Employed	447 348	153 525	34.3	66 392	26 596	11 851	788	3 238	4 110	40 550	293 823
Unemployed	63 298	17 957	28.4	7 122	2 680	2 300	135	683	602	4 435	45 341
Percent	12.4	10.5	...	9.7	9.2	16.3	14.6	17.4	12.8	9.9	13.4
Not in labor force	406 967	78 350	19.3	25 391	10 771	6 763	300	2 516	2 293	30 316	328 617
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 20 to 24 years old	**343 656**	**55 087**	**16.0**	**13 816**	**9 881**	**5 771**	**198**	**1 964**	**1 599**	**21 858**	**288 569**
Labor force	151 220	32 585	21.5	8 242	6 238	3 551	131	1 106	1 046	12 271	118 635
Armed Forces	147	53	...	21	–	–	–	–	–	32	94
Civilian labor force	151 073	32 532	21.5	8 221	6 238	3 551	131	1 106	1 046	12 239	118 541
Employed	125 133	27 881	22.3	6 935	5 258	2 856	109	931	882	10 910	97 252
Unemployed	25 940	4 651	17.9	1 286	980	695	22	175	164	1 329	21 289
Percent	17.2	14.3	...	15.6	15.7	19.6	...	15.8	15.7	10.9	18.0
Not in labor force	192 436	22 502	11.7	5 574	3 643	2 220	67	858	553	9 587	169 934
HIGH SCHOOL 4 YEARS											
Female, 20 to 24 years old	**415 517**	**144 373**	**34.7**	**63 412**	**23 712**	**12 955**	**607**	**3 451**	**3 472**	**36 764**	**271 144**
Labor force	269 084	104 807	38.9	48 534	18 125	9 001	436	2 093	2 510	24 108	164 277
Armed Forces	1 579	909	57.6	348	228	145	–	–	–	188	670
Civilian labor force	267 505	103 898	38.8	48 186	17 897	8 856	436	2 093	2 510	23 920	163 607
Employed	237 644	93 281	39.3	43 531	16 545	7 418	344	1 726	2 100	21 617	144 363
Unemployed	29 861	10 617	35.6	4 655	1 352	1 438	92	367	410	2 303	19 244
Percent	11.2	10.2	...	9.7	7.6	16.2	21.1	17.5	16.3	9.6	11.8
Not in labor force	146 433	39 566	27.0	14 878	5 587	3 954	171	1 358	962	12 656	106 867
COLLEGE 1 TO 3 YEARS											
Female, 20 to 24 years old	**160 416**	**51 413**	**32.0**	**22 046**	**6 746**	**2 333**	**418**	**1 022**	**1 934**	**16 914**	**109 003**
Labor force	92 318	35 131	38.1	17 107	5 205	1 744	356	722	1 156	8 841	57 187
Armed Forces	250	79	...	–	64	–	–	–	–	15	171
Civilian labor force	92 068	35 052	38.1	17 107	5 141	1 744	356	722	1 156	8 826	57 016
Employed	84 571	32 363	38.3	15 926	4 793	1 577	335	581	1 128	8 023	52 208
Unemployed	7 497	2 689	35.9	1 181	348	167	21	141	28	803	4 808
Percent	8.1	7.7	...	6.9	6.8	9.6	...	19.5	2.4	9.1	8.4
Not in labor force	68 098	16 282	23.9	4 939	1 541	589	62	300	778	8 073	51 816
COLLEGE 4 YEARS OR MORE											
Female, 20 to 24 years old	**36 068**	**7 973**	**22.1**	**1 615**	**1 007**	**224**	**123**	**334**	**830**	**3 840**	**28 095**
Labor force	28 440	5 953	20.9	1 299	840	191	73	248	752	2 550	22 487
Armed Forces	61	31	...	31	–	–	–	–	–	–	30
Civilian labor force	28 379	5 922	20.9	1 268	840	191	73	248	752	2 550	22 457
Employed	27 287	5 702	20.9	1 176	840	191	73	248	752	2 422	21 585
Unemployed	1 092	220	20.1	92	–	–	–	–	–	128	872
Percent	3.8	3.7	...	7.3	–	–	–	–	–	5.0	3.9
Not in labor force	7 628	2 020	26.5	316	167	33	50	86	78	1 290	5 608
LESS THAN 4 YEARS OF COLLEGE											
Female, 25 to 34 years old	**1 358 160**	**349 762**	**25.8**	**108 572**	**78 772**	**41 174**	**1 858**	**9 440**	**8 718**	**101 228**	**1 008 398**
Labor force	781 807	245 924	31.5	80 636	59 952	27 296	1 309	5 992	5 818	64 921	535 883
Armed Forces	1 139	715	62.8	307	101	188	21	–	–	98	424
Civilian labor force	780 668	245 209	31.4	80 329	59 851	27 108	1 288	5 992	5 818	64 823	535 459
Employed	717 004	228 610	31.9	75 204	56 849	24 553	1 168	5 292	5 168	60 376	488 394
Unemployed	63 664	16 599	26.1	5 125	3 002	2 555	120	700	650	4 447	47 065
Percent	8.2	6.8	...	6.4	5.0	9.4	9.3	11.7	11.2	6.9	8.8
Not in labor force	576 353	103 838	18.0	27 936	18 820	13 878	549	3 448	2 900	36 307	472 515

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 25 to 34 years old	**688 680**	**103 591**	**15.0**	**15 920**	**19 985**	**13 764**	**403**	**3 294**	**3 063**	**47 162**	**585 089**
Labor force	343 796	66 055	19.2	10 713	14 001	8 227	194	2 084	1 818	29 018	277 741
Armed Forces	222	144	...	–	–	101	21	–	–	22	78
Civilian labor force	343 574	65 911	19.2	10 713	14 001	8 126	173	2 084	1 818	28 996	277 663
Employed	307 908	59 724	19.4	9 689	12 747	7 196	136	1 741	1 531	26 684	248 184
Unemployed	35 666	6 187	17.3	1 024	1 254	930	37	343	287	2 312	29 479
Percent	10.4	9.4	...	9.6	9.0	11.4	...	16.5	15.8	8.0	10.6
Not in labor force	344 884	37 536	10.9	5 207	5 984	5 537	209	1 210	1 245	18 144	307 348
HIGH SCHOOL 4 YEARS											
Female, 25 to 34 years old	**540 307**	**186 963**	**34.6**	**68 072**	**42 847**	**22 728**	**846**	**5 124**	**4 005**	**43 341**	**353 344**
Labor force	345 647	135 306	39.1	50 856	33 431	15 744	653	3 080	2 806	28 736	210 341
Armed Forces	659	439	66.6	193	101	87	–	–	–	58	220
Civilian labor force	344 988	134 867	39.1	50 663	33 330	15 657	653	3 080	2 806	28 678	210 121
Employed	321 424	126 311	39.3	47 403	31 913	14 184	588	2 763	2 577	26 883	195 113
Unemployed	23 564	8 556	36.3	3 260	1 417	1 473	65	317	229	1 795	15 008
Percent	6.8	6.3	...	6.4	4.3	9.4	10.0	10.3	8.2	6.3	7.1
Not in labor force	194 660	51 657	26.5	17 216	9 416	6 984	193	2 044	1 199	14 605	143 003
COLLEGE 1 TO 3 YEARS											
Female, 25 to 34 years old	**129 173**	**59 208**	**45.8**	**24 580**	**15 940**	**4 682**	**609**	**1 022**	**1 650**	**10 725**	**69 965**
Labor force	92 364	44 563	48.2	19 067	12 520	3 325	462	828	1 194	7 167	47 801
Armed Forces	258	132	...	114	–	–	–	–	–	18	126
Civilian labor force	92 106	44 431	48.2	18 953	12 520	3 325	462	828	1 194	7 149	47 675
Employed	87 672	42 575	48.6	18 112	12 189	3 173	444	788	1 060	6 809	45 097
Unemployed	4 434	1 856	41.9	841	331	152	18	40	134	340	2 578
Percent	4.8	4.2	...	4.4	2.6	4.6	3.9	4.8	11.2	4.8	5.4
Not in labor force	36 809	14 645	39.8	5 513	3 420	1 357	147	194	456	3 558	22 164
COLLEGE 4 YEARS OR MORE											
Female, 25 to 34 years old	**90 472**	**23 670**	**26.2**	**3 779**	**3 237**	**744**	**314**	**1 204**	**3 087**	**11 305**	**66 802**
Labor force	75 865	18 845	24.8	3 242	2 675	664	253	1 083	2 669	8 259	57 020
Armed Forces	84	16	...	–	–	16	–	–	–	–	68
Civilian labor force	75 781	18 829	24.8	3 242	2 675	648	253	1 083	2 669	8 259	56 952
Employed	74 131	18 252	24.6	3 166	2 603	634	231	1 068	2 644	7 906	55 879
Unemployed	1 650	577	35.0	76	72	14	22	15	25	353	1 073
Percent	2.2	3.1	...	2.3	2.7	2.2	...	1.4	0.9	4.3	1.9
Not in labor force	14 607	4 825	33.0	537	562	80	61	121	418	3 046	9 782
LESS THAN 4 YEARS OF COLLEGE											
Female, 35 to 44 years old	**1 236 034**	**279 149**	**22.6**	**56 140**	**69 269**	**42 913**	**1 337**	**6 982**	**7 311**	**95 197**	**956 885**
Labor force	735 875	201 592	27.4	44 508	55 306	31 817	1 113	4 526	5 083	59 239	534 283
Armed Forces	391	111	...	63	–	48	–	–	–	–	280
Civilian labor force	735 484	201 481	27.4	44 445	55 306	31 769	1 113	4 526	5 083	59 239	534 003
Employed	690 392	190 978	27.7	42 193	53 155	29 599	999	4 139	4 688	56 205	499 414
Unemployed	45 092	10 503	23.3	2 252	2 151	2 170	114	387	395	3 034	34 589
Percent	6.1	5.2	...	5.1	3.9	6.8	10.2	8.6	7.8	5.1	6.5
Not in labor force	500 159	77 557	15.5	11 632	13 963	11 096	224	2 456	2 228	35 958	422 602
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 35 to 44 years old	**791 776**	**117 955**	**14.9**	**10 537**	**24 770**	**18 857**	**492**	**2 947**	**3 476**	**56 876**	**673 821**
Labor force	431 032	79 129	18.4	7 980	18 792	14 189	373	1 767	2 111	33 917	351 903
Armed Forces	143	58	...	24	–	34	–	–	–	–	85
Civilian labor force	430 889	79 071	18.4	7 956	18 792	14 155	373	1 767	2 111	33 917	351 818
Employed	400 138	73 956	18.5	7 397	17 884	12 885	320	1 597	1 890	31 983	326 182
Unemployed	30 751	5 115	16.6	559	908	1 270	53	170	221	1 934	25 636
Percent	7.1	6.5	...	7.0	4.8	9.0	...	9.6	10.5	5.7	7.3
Not in labor force	360 744	38 826	10.8	2 557	5 978	4 668	119	1 180	1 365	22 959	321 918
HIGH SCHOOL 4 YEARS											
Female, 35 to 44 years old	**354 743**	**119 650**	**33.7**	**31 079**	**31 422**	**20 211**	**554**	**3 286**	**2 747**	**30 351**	**235 093**
Labor force	237 675	89 553	37.7	24 944	25 254	14 752	510	2 238	2 110	19 745	148 122
Armed Forces	187	33	...	19	–	14	–	–	–	–	154
Civilian labor force	237 488	89 520	37.7	24 925	25 254	14 738	510	2 238	2 110	19 745	147 968
Employed	225 670	85 253	37.8	23 776	24 261	13 919	449	2 041	1 956	18 851	140 417
Unemployed	11 818	4 267	36.1	1 149	993	819	61	197	154	894	7 551
Percent	5.0	4.8	...	4.6	3.9	5.6	12.0	8.8	7.3	4.5	5.1
Not in labor force	117 068	30 097	25.7	6 135	6 168	5 459	44	1 048	637	10 606	86 971
COLLEGE 1 TO 3 YEARS											
Female, 35 to 44 years old	**89 515**	**41 544**	**46.4**	**14 524**	**13 077**	**3 845**	**291**	**749**	**1 088**	**7 970**	**47 971**
Labor force	67 168	32 910	49.0	11 584	11 260	2 876	230	521	862	5 577	34 258
Armed Forces	61	20	...	20	–	–	–	–	–	–	41
Civilian labor force	67 107	32 890	49.0	11 564	11 260	2 876	230	521	862	5 577	34 217
Employed	64 584	31 769	49.2	11 020	11 010	2 795	230	501	842	5 371	32 815
Unemployed	2 523	1 121	44.4	544	250	81	–	20	20	206	1 402
Percent	3.8	3.4	...	4.7	2.2	2.8	–	3.8	2.3	3.7	4.1
Not in labor force	22 347	8 634	38.6	2 940	1 817	969	61	228	226	2 393	13 713

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Female, 35 to 44 years old	**75 771**	**20 165**	**26.6**	**2 959**	**3 548**	**1 086**	**112**	**1 678**	**2 359**	**8 423**	**55 606**
Labor force	66 126	16 760	25.3	2 646	3 155	967	87	1 446	2 115	6 344	49 366
Armed force	65	23	...	23	–	–	–	–	–	–	42
Civilian labor force	66 061	16 737	25.3	2 623	3 155	967	87	1 446	2 115	6 344	49 324
Employed	65 274	16 374	25.1	2 580	3 077	949	87	1 409	2 094	6 178	48 900
Unemployed	787	363	46.1	43	78	18	–	37	21	166	424
Percent	1.2	2.2	...	1.6	2.5	1.9	–	2.6	1.0	2.6	0.9
Not in labor force	9 645	3 405	35.3	313	393	119	25	232	244	2 079	6 240
LESS THAN 4 YEARS OF COLLEGE											
Female, 45 to 54 years old	**1 083 687**	**210 947**	**19.5**	**28 132**	**47 517**	**38 293**	**1 157**	**6 292**	**5 811**	**83 745**	**872 740**
Labor force	617 411	144 095	23.3	22 263	37 351	27 307	745	4 402	3 853	48 174	473 316
Armed Forces	301	155	...	13	–	42	–	–	–	100	146
Civilian labor force	617 110	143 940	23.3	22 250	37 351	27 265	745	4 402	3 853	48 074	473 170
Employed	587 776	138 539	23.6	21 242	36 383	26 204	745	4 283	3 605	46 077	449 237
Unemployed	29 334	5 401	18.4	1 008	968	1 061	–	119	248	1 997	23 933
Percent	4.8	3.8	...	4.5	2.6	3.9	–	2.7	6.4	4.2	5.1
Not in labor force	466 276	66 852	14.3	5 869	10 166	10 986	412	1 890	1 958	35 571	399 424
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 45 to 54 years old	**829 134**	**117 195**	**14.1**	**6 455**	**23 696**	**21 324**	**643**	**3 296**	**3 050**	**58 731**	**711 939**
Labor force	445 632	75 644	17.0	4 873	18 505	14 534	358	2 262	1 938	33 174	369 988
Armed Forces	52	18	...	–	–	–	–	–	–	18	34
Civilian labor force	445 580	75 626	17.0	4 873	18 505	14 534	358	2 262	1 938	33 156	369 954
Employed	422 754	72 660	17.2	4 682	18 130	13 850	358	2 221	1 747	31 672	350 094
Unemployed	22 826	2 966	13.0	191	375	684	–	41	191	1 484	19 860
Percent	5.1	3.9	...	3.9	2.0	4.7	–	1.8	9.9	4.5	5.4
Not in labor force	383 502	41 551	10.8	1 582	5 191	6 790	285	1 034	1 112	25 557	341 951
HIGH SCHOOL 4 YEARS											
Female, 45 to 54 years old	**204 222**	**71 098**	**34.8**	**14 445**	**17 324**	**13 871**	**253**	**2 358**	**1 874**	**20 973**	**133 124**
Labor force	135 243	52 035	38.5	11 704	13 790	10 547	197	1 734	1 344	12 719	83 208
Armed Forces	175	107	...	–	–	25	–	–	–	82	68
Civilian labor force	135 068	51 928	38.4	11 704	13 790	10 522	197	1 734	1 344	12 637	83 140
Employed	129 828	50 149	38.6	11 196	13 374	10 190	197	1 656	1 287	12 249	79 679
Unemployed	5 240	1 779	34.0	508	416	332	–	78	57	388	3 461
Percent	3.9	3.4	...	4.3	3.0	3.2	–	4.5	4.2	3.1	4.2
Not in labor force	68 979	19 063	27.6	2 741	3 534	3 324	56	624	530	8 254	49 916
COLLEGE 1 TO 3 YEARS											
Female, 45 to 54 years old	**50 331**	**22 654**	**45.0**	**7 232**	**6 497**	**3 098**	**261**	**638**	**887**	**4 041**	**27 677**
Labor force	36 536	16 416	44.9	5 686	5 056	2 226	190	406	571	2 281	20 120
Armed Forces	74	30	...	13	–	17	–	–	–	–	44
Civilian labor force	36 462	16 386	44.9	5 673	5 056	2 209	190	406	571	2 281	20 076
Employed	35 194	15 730	44.7	5 364	4 879	2 164	190	406	571	2 156	19 464
Unemployed	1 268	656	51.7	309	177	45	–	–	–	125	612
Percent	3.5	4.0	...	5.4	3.5	2.0	–	–	–	5.5	3.0
Not in labor force	13 795	6 238	45.2	1 546	1 441	872	71	232	316	1 760	7 557
COLLEGE 4 YEARS OR MORE											
Female, 45 to 54 years old	**47 749**	**13 890**	**29.1**	**2 053**	**2 209**	**1 180**	**68**	**1 155**	**1 760**	**5 465**	**33 859**
Labor force	41 839	11 251	26.9	1 837	1 798	975	54	1 104	1 563	3 920	30 588
Armed Forces	24	–	–	–	–	–	–	–	–	–	24
Civilian labor force	41 815	11 251	26.9	1 837	1 798	975	54	1 104	1 563	3 920	30 564
Employed	41 376	11 113	26.9	1 793	1 798	975	54	1 104	1 548	3 841	30 263
Unemployed	439	138	31.4	44	–	–	–	–	15	79	301
Percent	1.0	1.2	...	2.4	–	–	–	–	1.0	2.0	1.0
Not in labor force	5 910	2 639	44.7	216	411	205	14	51	197	1 545	3 271
LESS THAN 4 YEARS OF COLLEGE											
Female, 55 to 64 years old	**846 815**	**130 414**	**15.4**	**10 766**	**24 116**	**20 724**	**591**	**3 281**	**3 936**	**67 000**	**716 401**
Labor force	376 079	73 915	19.7	7 426	16 305	13 109	271	2 054	2 710	32 040	302 164
Armed Forces	12	–	–	–	–	–	–	–	–	–	12
Civilian labor force	376 067	73 915	19.7	7 426	16 305	13 109	271	2 054	2 710	32 040	302 152
Employed	360 416	70 908	19.7	7 015	15 788	12 660	271	1 999	2 591	30 584	289 508
Unemployed	15 651	3 007	19.2	411	517	449	–	55	119	1 456	12 644
Percent	4.2	4.1	...	5.5	3.2	3.4	–	2.7	4.4	4.5	4.2
Not in labor force	470 736	56 499	12.0	3 340	7 811	7 615	320	1 227	1 226	34 960	414 237
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 55 to 64 years old	**724 329**	**87 535**	**12.1**	**2 739**	**13 966**	**13 455**	**248**	**1 888**	**1 953**	**53 286**	**636 794**
Labor force	306 233	46 747	15.3	1 620	9 195	8 164	100	1 230	1 318	25 120	259 486
Armed Forces	12	–	–	–	–	–	–	–	–	–	12
Civilian labor force	306 221	46 747	15.3	1 620	9 195	8 164	100	1 230	1 318	25 120	259 474
Employed	292 938	44 750	15.3	1 414	8 870	7 853	100	1 209	1 283	24 021	248 188
Unemployed	13 283	1 997	15.0	206	325	311	–	21	35	1 099	11 286
Percent	4.3	4.3	...	12.7	3.5	3.8	–	1.7	2.7	4.4	4.3
Not in labor force	418 096	40 788	9.8	1 119	4 771	5 291	148	658	635	28 166	377 308

Table 3. **Labor Force Status of Negro Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Female, 55 to 64 years old	**92 196**	**29 654**	**32.2**	**5 194**	**6 881**	**5 338**	**244**	**847**	**974**	**10 176**	**62 542**
Labor force	51 893	18 680	36.0	3 629	4 906	3 707	114	551	770	5 003	33 213
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	51 893	18 680	36.0	3 629	4 906	3 707	114	551	770	5 003	33 213
Employed	50 068	17 911	35.8	3 532	4 734	3 587	114	533	708	4 703	32 157
Unemployed	1 825	769	42.1	97	172	120	–	18	62	300	1 056
Percent	3.5	4.1	...	2.7	3.5	3.2	–	3.3	8.1	6.0	3.2
Not in labor force	40 303	10 974	27.2	1 565	1 975	1 631	130	296	204	5 173	29 329
COLLEGE 1 TO 3 YEARS											
Female, 55 to 64 years old	**30 290**	**13 225**	**43.7**	**2 833**	**3 269**	**1 931**	**99**	**546**	**1 009**	**3 538**	**17 065**
Labor force	17 953	8 488	47.3	2 177	2 204	1 238	57	273	622	1 917	9 465
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	17 953	8 488	47.3	2 177	2 204	1 238	57	273	622	1 917	9 465
Employed	17 410	8 247	47.4	2 069	2 184	1 220	57	257	600	1 860	9 163
Unemployed	543	241	44.4	108	20	18	–	16	22	57	302
Percent	3.0	2.8	...	5.0	0.9	1.5	–	...	3.5	3.0	3.2
Not in labor force	12 337	4 737	38.4	656	1 065	693	42	273	387	1 621	7 600
COLLEGE 4 YEARS OR MORE											
Female, 55 to 64 years old	**30 351**	**8 096**	**26.7**	**802**	**1 247**	**403**	**25**	**657**	**1 547**	**3 415**	**22 255**
Labor force	23 677	5 890	24.9	606	976	282	25	531	1 226	2 244	17 787
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	23 677	5 890	24.9	606	976	282	25	531	1 226	2 244	17 787
Employed	23 317	5 767	24.7	606	976	243	25	531	1 226	2 160	17 550
Unemployed	360	123	...	–	–	39	–	–	–	84	237
Percent	1.5	2.1	...	–	–	...	–	–	–	3.7	1.3
Not in labor force	6 674	2 206	33.1	196	271	121	–	126	321	1 171	4 468
LESS THAN 4 YEARS OF COLLEGE											
Female, 65 years old and over	**869 640**	**100 817**	**11.6**	**4 350**	**12 495**	**9 736**	**372**	**2 200**	**3 334**	**68 330**	**768 823**
Labor force	108 627	18 837	17.3	1 522	3 827	2 565	60	498	631	9 734	89 790
Armed Forces	34	–	–	–	–	–	–	–	–	–	34
Civilian labor force	108 593	18 837	17.3	1 522	3 827	2 565	60	498	631	9 734	89 756
Employed	102 027	17 722	17.4	1 391	3 632	2 370	60	467	595	9 207	84 305
Unemployed	6 566	1 115	17.0	131	195	195	–	31	36	527	5 451
Percent	6.0	5.9	...	8.6	5.1	7.6	–	6.2	5.7	5.4	6.1
Not in labor force	761 013	81 980	10.8	2 828	8 668	7 171	312	1 702	2 703	58 596	679 033
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 65 years old and over	**789 041**	**77 304**	**9.8**	**1 410**	**7 926**	**6 877**	**213**	**1 275**	**1 923**	**57 680**	**711 737**
Labor force	91 741	12 187	13.3	436	1 971	1 618	–	238	360	7 564	79 554
Armed Forces	12	–	–	–	–	–	–	–	–	–	12
Civilian labor force	91 729	12 187	13.3	436	1 971	1 618	–	238	360	7 564	79 542
Employed	86 164	11 529	13.4	378	1 884	1 493	–	238	360	7 176	74 635
Unemployed	5 565	658	11.8	58	87	125	–	–	–	388	4 907
Percent	6.1	5.4	...	13.3	4.4	7.7	–	–	–	5.1	6.2
Not in labor force	697 300	65 117	9.3	974	5 955	5 259	213	1 037	1 563	50 116	632 183
HIGH SCHOOL 4 YEARS											
Female, 65 years old and over	**55 475**	**14 768**	**26.6**	**1 787**	**2 807**	**2 007**	**102**	**457**	**616**	**6 992**	**40 707**
Labor force	11 658	4 229	36.3	727	1 181	673	21	140	123	1 364	7 429
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	11 658	4 229	36.3	727	1 181	673	21	140	123	1 364	7 429
Employed	11 058	3 956	35.8	670	1 095	637	21	109	123	1 301	7 102
Unemployed	600	273	45.5	57	86	36	–	31	–	63	327
Percent	5.1	6.5	...	7.8	7.3	5.3	–	...	–	4.6	4.4
Not in labor force	43 817	10 539	24.1	1 060	1 626	1 334	81	317	493	5 628	33 278
COLLEGE 1 TO 3 YEARS											
Female, 65 years old and over	**25 124**	**8 745**	**34.8**	**1 153**	**1 762**	**852**	**57**	**468**	**795**	**3 658**	**16 379**
Labor force	5 228	2 421	46.3	359	675	274	39	120	148	806	2 807
Armed Forces	22	–	–	–	–	–	–	–	–	–	22
Civilian labor force	5 206	2 421	46.5	359	675	274	39	120	148	806	2 785
Employed	4 805	2 237	46.6	343	653	240	39	120	112	730	2 568
Unemployed	401	184	45.9	16	22	34	–	–	36	76	217
Percent	7.7	7.6	...	...	3.3	...	–	–	...	9.4	7.8
Not in labor force	19 896	6 324	31.8	794	1 087	578	18	348	647	2 852	13 572
COLLEGE 4 YEARS OR MORE											
Female, 65 years old and over	**21 410**	**5 517**	**25.8**	**306**	**609**	**432**	**47**	**546**	**853**	**2 724**	**15 893**
Labor force	4 667	1 126	24.1	28	156	112	47	191	168	424	3 541
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	4 667	1 126	24.1	28	156	112	47	191	168	424	3 541
Employed	4 557	1 087	23.9	28	156	73	47	191	168	424	3 470
Unemployed	110	39	...	–	–	39	–	–	–	–	71
Percent	2.4	3.5	...	–	–	...	–	–	–	–	2.0
Not in labor force	16 743	4 391	26.2	278	453	320	–	355	685	2 300	12 352

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 years old and over	**2 500 002**	**514 657**	**20.6**	**70 361**	**11 988**	**261 685**	**41 285**	**11 550**	**27 425**	**90 363**	**1 985 345**
Labor force	1 940 580	445 481	23.0	63 577	10 745	236 267	37 539	9 987	24 089	63 277	1 495 099
Armed Forces	65 347	27 123	41.5	4 266	1 206	13 404	2 319	558	2 127	3 243	38 224
Civilian labor force	1 875 233	418 358	22.3	59 311	9 539	222 863	35 220	9 429	21 962	60 034	1 456 875
Employed	1 768 505	399 201	22.6	57 192	9 207	212 683	33 929	8 890	20 776	56 524	1 369 304
Unemployed	106 728	19 157	17.9	2 119	332	10 180	1 291	539	1 186	3 510	87 571
Percent	5.7	4.6	...	3.6	3.5	4.6	3.7	5.7	5.4	5.8	6.0
Not in labor force	559 422	69 176	12.4	6 784	1 243	25 418	3 746	1 563	3 336	27 086	490 246
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 years old and over	**1 720 890**	**227 683**	**13.2**	**15 220**	**3 415**	**122 492**	**9 550**	**6 107**	**11 836**	**59 063**	**1 493 207**
Labor force	1 257 240	183 299	14.6	12 886	2 848	106 067	7 974	5 012	10 097	38 415	1 073 941
Armed Forces	18 693	5 528	29.6	515	200	2 816	443	58	530	966	13 165
Civilian labor force	1 238 547	177 771	14.4	12 371	2 648	103 251	7 531	4 954	9 567	37 449	1 060 776
Employed	1 159 359	167 631	14.5	11 680	2 371	97 752	7 042	4 626	8 906	35 254	991 728
Unemployed	79 188	10 140	12.8	691	277	5 499	489	328	661	2 195	69 048
Percent	6.4	5.7	...	5.6	10.5	5.3	6.5	6.6	6.9	5.9	6.5
Not in labor force	463 650	44 384	9.6	2 334	567	16 425	1 576	1 095	1 739	20 648	419 266
HIGH SCHOOL 4 YEARS											
Male, 16 years old and over	**559 742**	**199 077**	**35.6**	**33 646**	**5 225**	**107 978**	**16 163**	**3 854**	**10 261**	**21 950**	**360 665**
Labor force	498 480	182 824	36.7	30 755	4 779	101 557	15 025	3 591	9 197	17 920	315 656
Armed Forces	36 121	16 127	44.6	2 469	647	8 658	1 229	415	1 122	1 587	19 994
Civilian labor force	462 359	166 697	36.1	28 286	4 132	92 899	13 796	3 176	8 075	16 333	295 662
Employed	441 311	160 201	36.3	27 286	4 077	89 298	13 297	3 043	7 787	15 413	281 110
Unemployed	21 048	6 496	30.9	1 000	55	3 601	499	133	288	920	14 552
Percent	4.6	3.9	...	3.5	1.3	3.9	3.6	4.2	3.6	5.6	4.9
Not in labor force	61 262	16 253	26.5	2 891	446	6 421	1 138	263	1 064	4 030	45 009
COLLEGE 1 TO 3 YEARS											
Male, 16 years old and over	**219 370**	**87 897**	**40.1**	**21 495**	**3 348**	**31 215**	**15 572**	**1 589**	**5 328**	**9 350**	**131 473**
Labor force	184 860	79 358	42.9	19 936	3 118	28 643	14 540	1 384	4 795	6 942	105 502
Armed Forces	10 533	5 468	51.9	1 282	359	1 930	647	85	475	690	5 065
Civilian labor force	174 327	73 890	42.4	18 654	2 759	26 713	13 893	1 299	4 320	6 252	100 437
Employed	167 835	71 369	42.5	18 226	2 759	25 633	13 590	1 221	4 083	5 857	96 466
Unemployed	6 492	2 521	38.8	428	–	1 080	303	78	237	395	3 971
Percent	3.7	3.4	...	2.3	–	4.0	2.2	6.0	5.5	6.3	4.0
Not in labor force	34 510	8 539	24.7	1 559	230	2 572	1 032	205	533	2 408	25 971
COLLEGE 4 YEARS OR MORE											
Male, 16 years old and over	**124 014**	**39 800**	**32.1**	**9 300**	**4 363**	**6 390**	**8 209**	**845**	**4 420**	**6 273**	**84 214**
Labor force	111 538	36 512	32.7	8 703	4 033	5 907	7 634	715	4 082	5 438	75 026
Armed Forces	3 216	1 120	34.8	155	79	264	185	60	130	247	2 096
Civilian labor force	108 322	35 392	32.7	8 548	3 954	5 643	7 449	655	3 952	5 191	72 930
Employed	105 891	34 367	32.5	8 206	3 939	5 544	7 171	655	3 819	5 033	71 524
Unemployed	2 431	1 025	42.2	342	15	99	278	–	133	158	1 406
Percent	2.2	2.9	...	4.0	0.4	1.8	3.7	–	3.4	3.0	1.9
Not in labor force	12 476	3 288	26.4	597	330	483	575	130	338	835	9 188
LESS THAN 4 YEARS OF COLLEGE											
Male, 16 to 19 years old	**363 717**	**36 485**	**10.0**	**3 273**	**530**	**13 923**	**2 432**	**881**	**1 642**	**13 804**	**327 232**
Labor force	166 617	21 252	12.8	2 043	440	9 416	1 544	572	1 110	6 127	145 365
Armed Forces	11 962	3 376	28.2	346	89	1 801	251	57	277	555	8 586
Civilian labor force	154 655	17 876	11.6	1 697	351	7 615	1 293	515	833	5 572	136 779
Employed	132 442	15 322	11.6	1 498	303	6 538	1 149	413	599	4 822	117 120
Unemployed	22 213	2 554	11.5	199	48	1 077	144	102	234	750	19 659
Percent	14.4	14.3	...	11.7	...	14.1	11.1	19.8	28.1	13.5	14.4
Not in labor force	197 100	15 233	7.7	1 230	90	4 507	888	309	532	7 677	181 867
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 16 to 19 years old	**295 846**	**23 184**	**7.8**	**1 375**	**320**	**8 734**	**1 382**	**598**	**920**	**9 855**	**272 662**
Labor force	122 440	11 539	9.4	730	299	5 188	708	312	615	3 687	110 901
Armed Forces	5 581	1 094	19.6	–	63	554	158	–	67	252	4 487
Civilian labor force	116 859	10 445	8.9	730	236	4 634	550	312	548	3 435	106 414
Employed	99 130	8 734	8.8	650	188	3 852	505	210	365	2 964	90 396
Unemployed	17 729	1 711	9.7	80	48	782	45	102	183	471	16 018
Percent	15.2	16.4	...	11.0	...	16.9	8.2	...	33.4	13.7	15.1
Not in labor force	173 406	11 645	6.7	645	21	3 546	674	286	305	6 168	161 761
HIGH SCHOOL 4 YEARS											
Male, 16 to 19 years old	**56 966**	**11 237**	**19.7**	**1 551**	**190**	**4 808**	**772**	**255**	**553**	**3 108**	**45 729**
Labor force	37 800	8 437	22.3	1 120	141	3 992	602	232	404	1 946	29 363
Armed Forces	5 642	1 935	34.3	259	26	1 139	93	57	163	198	3 707
Civilian labor force	32 158	6 502	20.2	861	115	2 853	509	175	241	1 748	25 656
Employed	28 241	5 757	20.4	766	115	2 558	410	175	212	1 521	22 484
Unemployed	3 917	745	19.0	95	–	295	99	–	29	227	3 172
Percent	12.2	11.5	...	11.0	–	10.3	19.4	–	...	13.0	12.4
Not in labor force	19 166	2 800	14.6	431	49	816	170	23	149	1 162	16 366

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Male, 16 to 19 years old	**10 905**	**2 064**	**18.9**	**347**	**20**	**381**	**278**	**28**	**169**	**841**	**8 841**
Labor force	6 377	1 276	20.0	193	–	236	234	28	91	494	5 101
Armed Forces	739	347	47.0	87	–	108	–	–	47	105	392
Civilian labor force	5 638	929	16.5	106	–	128	234	28	44	389	4 709
Employed	5 071	831	16.4	82	–	128	234	28	22	337	4 240
Unemployed	567	98	17.3	24	–	–	–	–	22	52	469
Percent	10.1	10.5	...	...	–	–	–	–	...	...	10.0
Not in labor force	4 528	788	17.4	154	20	145	44	–	78	347	3 740
COLLEGE 4 YEARS OR MORE											
Male, 16 to 19 years old	**21**	**21**	...	**21**	–	–	–	–	–	–	–
Labor force	21	21	...	21	–	–	–	–	–	–	–
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	21	21	...	21	–	–	–	–	–	–	–
Employed	21	21	...	21	–	–	–	–	–	–	–
Unemployed	–	–	–	–	–	–	–	–	–	–	–
Percent	–	–	...	–	–	–	–	–	–	–	–
Not in labor force	–	–	–	–	–	–	–	–	–	–	–
LESS THAN 4 YEARS OF COLLEGE											
Male, 20 to 24 years old	**352 205**	**81 752**	**23.2**	**11 925**	**2 197**	**39 314**	**8 107**	**1 620**	**5 259**	**13 330**	**270 453**
Labor force	291 403	70 727	24.3	10 605	2 003	34 855	7 140	1 397	4 576	10 151	220 676
Armed Forces	31 509	12 678	40.2	1 913	482	6 298	1 277	294	974	1 440	18 831
Civilian labor force	259 894	58 049	22.3	8 692	1 521	28 557	5 863	1 103	3 602	8 711	201 845
Employed	239 032	53 650	22.4	8 256	1 421	26 177	5 653	966	3 386	7 791	185 382
Unemployed	20 862	4 399	21.1	436	100	2 380	210	137	216	920	16 463
Percent	8.0	7.6	...	5.0	6.6	8.3	3.6	12.4	6.0	10.6	8.2
Not in labor force	60 802	11 025	18.1	1 320	194	4 459	967	223	683	3 179	49 777
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 20 to 24 years old	**161 520**	**22 261**	**13.8**	**1 769**	**437**	**11 449**	**1 365**	**629**	**1 482**	**5 130**	**139 259**
Labor force	132 979	18 516	13.9	1 603	379	9 673	1 240	554	1 199	3 868	114 463
Armed Forces	7 135	2 132	29.9	178	36	1 136	149	41	263	329	5 003
Civilian labor force	125 844	16 384	13.0	1 425	343	8 537	1 091	513	936	3 539	109 460
Employed	114 209	14 760	12.9	1 289	278	7 711	1 017	480	873	3 112	99 449
Unemployed	11 635	1 624	14.0	136	65	826	74	33	63	427	10 011
Percent	9.2	9.9	...	9.5	...	9.7	6.8	6.4	6.7	12.1	9.1
Not in labor force	28 541	3 745	13.1	166	58	1 776	125	75	283	1 262	24 796
HIGH SCHOOL 4 YEARS											
Male, 20 to 24 years old	**126 072**	**41 569**	**33.0**	**6 708**	**1 043**	**22 074**	**3 587**	**674**	**2 389**	**5 094**	**84 503**
Labor force	111 643	37 678	33.7	6 033	970	20 397	3 189	570	2 148	4 371	73 965
Armed Forces	18 442	7 880	42.7	1 049	230	4 341	758	234	465	803	10 562
Civilian labor force	93 201	29 798	32.0	4 984	740	16 056	2 431	336	1 683	3 568	63 403
Employed	86 254	27 763	32.2	4 723	705	14 878	2 358	310	1 621	3 168	58 491
Unemployed	6 947	2 035	29.3	261	35	1 178	73	26	62	400	4 912
Percent	7.5	6.8	...	5.2	4.7	7.3	3.0	...	3.7	11.2	7.7
Not in labor force	14 429	3 891	27.0	675	73	1 677	398	104	241	723	10 538
COLLEGE 1 TO 3 YEARS											
Male, 20 to 24 years old	**64 613**	**17 922**	**27.7**	**3 448**	**717**	**5 791**	**3 155**	**317**	**1 388**	**3 106**	**46 691**
Labor force	46 781	14 533	31.1	2 969	654	4 785	2 711	273	1 229	1 912	32 248
Armed Forces	5 932	2 666	44.9	686	216	821	370	19	246	308	3 266
Civilian labor force	40 849	11 867	29.1	2 283	438	3 964	2 341	254	983	1 604	28 982
Employed	38 569	11 127	28.8	2 244	438	3 588	2 278	176	892	1 511	27 442
Unemployed	2 280	740	32.5	39	–	376	63	78	91	93	1 540
Percent	5.6	6.2	...	1.7	–	9.5	2.7	...	9.3	5.8	5.3
Not in labor force	17 832	3 389	19.0	479	63	1 006	444	44	159	1 194	14 443
COLLEGE 4 YEARS OR MORE											
Male, 20 to 24 years old	**11 249**	**2 515**	**22.4**	**405**	**114**	**287**	**603**	**62**	**238**	**806**	**8 734**
Labor force	8 741	2 083	23.8	318	47	270	548	62	149	689	6 658
Armed Forces	854	362	42.4	24	–	87	21	40	72	118	492
Civilian labor force	7 887	1 721	21.8	294	47	183	527	22	77	571	6 166
Employed	7 537	1 553	20.6	294	47	183	473	22	77	457	5 984
Unemployed	350	168	...	–	–	–	54	–	–	114	182
Percent	4.4	9.8	...	–	–	–	10.2	–	–	20.0	3.0
Not in labor force	2 508	432	17.2	87	67	17	55	–	89	117	2 076
LESS THAN 4 YEARS OF COLLEGE											
Male, 25 to 34 years old	**571 749**	**141 040**	**24.7**	**21 107**	**4 042**	**73 266**	**14 004**	**2 460**	**7 519**	**18 642**	**430 709**
Labor force	526 828	132 431	25.1	20 340	3 785	69 730	13 210	2 328	7 072	15 966	394 397
Armed Forces	12 080	6 317	52.3	1 210	332	2 804	553	110	591	717	5 763
Civilian labor force	514 748	126 114	24.5	19 130	3 453	66 926	12 657	2 218	6 481	15 249	388 634
Employed	491 580	121 245	24.7	18 528	3 368	64 246	12 255	2 129	6 167	14 552	370 335
Unemployed	23 168	4 869	21.0	602	85	2 680	402	89	314	697	18 299
Percent	4.5	3.9	...	3.1	2.5	4.0	3.2	4.0	4.8	4.6	4.7
Not in labor force	44 921	8 609	19.2	767	257	3 536	794	132	447	2 676	36 312

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 25 to 34 years old	**328 838**	**44 171**	**13.4**	**3 067**	**746**	**24 620**	**2 037**	**1 015**	**2 758**	**9 928**	**284 667**
Labor force	296 837	40 137	13.5	2 990	677	22 954	1 821	997	2 603	8 095	256 700
Armed Forces	2 990	1 091	36.5	147	61	496	136	17	115	119	1 899
Civilian labor force	293 847	39 046	13.3	2 843	616	22 458	1 685	980	2 488	7 976	254 801
Employed	277 809	36 770	13.2	2 712	531	21 154	1 529	960	2 304	7 580	241 039
Unemployed	16 038	2 276	14.2	131	85	1 304	156	20	184	396	13 762
Percent	5.5	5.8	...	4.6	13.8	5.8	9.3	2.0	7.4	5.0	5.4
Not in labor force	32 001	4 034	12.6	77	69	1 666	216	18	155	1 833	27 967
HIGH SCHOOL 4 YEARS											
Male, 25 to 34 years old	**175 663**	**67 148**	**38.2**	**10 881**	**2 057**	**37 746**	**5 999**	**995**	**3 414**	**6 056**	**108 515**
Labor force	167 561	64 257	38.3	10 461	1 971	36 454	5 745	972	3 217	5 437	103 304
Armed Forces	6 952	3 805	54.7	753	189	1 736	291	70	374	392	3 147
Civilian labor force	160 609	60 452	37.6	9 708	1 782	34 718	5 454	902	2 843	5 045	100 157
Employed	155 423	58 742	37.8	9 364	1 782	33 770	5 298	833	2 790	4 905	96 681
Unemployed	5 186	1 710	33.0	344	–	948	156	69	53	140	3 476
Percent	3.2	2.8	...	3.5	–	2.7	2.9	7.6	1.9	2.8	3.5
Not in labor force	8 102	2 891	35.7	420	86	1 292	254	23	197	619	5 211
COLLEGE 1 TO 3 YEARS											
Male, 25 to 34 years old	**67 248**	**29 721**	**44.2**	**7 159**	**1 239**	**10 900**	**5 968**	**450**	**1 347**	**2 658**	**37 527**
Labor force	62 430	28 037	44.9	6 889	1 137	10 322	5 644	359	1 252	2 434	34 393
Armed Forces	2 138	1 421	66.5	310	82	572	126	23	102	206	717
Civilian labor force	60 292	26 616	44.1	6 579	1 055	9 750	5 518	336	1 150	2 228	33 676
Employed	58 348	25 733	44.1	6 452	1 055	9 322	5 428	336	1 073	2 067	32 615
Unemployed	1 944	883	45.4	127	–	428	90	–	77	161	1 061
Percent	3.2	3.3	...	1.9	–	4.4	1.6	–	6.7	7.2	3.2
Not in labor force	4 818	1 684	35.0	270	102	578	324	91	95	224	3 134
COLLEGE 4 YEARS OR MORE											
Male, 25 to 34 years old	**42 481**	**12 779**	**30.1**	**2 855**	**1 570**	**2 083**	**2 947**	**288**	**1 126**	**1 910**	**29 702**
Labor force	38 542	11 671	30.3	2 680	1 462	1 847	2 694	271	1 044	1 673	26 871
Armed Forces	1 606	554	34.5	92	79	137	140	–	39	67	1 052
Civilian labor force	36 936	11 117	30.1	2 588	1 383	1 710	2 554	271	1 005	1 606	25 819
Employed	36 116	10 809	29.9	2 419	1 368	1 710	2 450	271	1 005	1 586	25 307
Unemployed	820	308	37.6	169	15	–	104	–	–	20	512
Percent	2.2	2.8	...	6.5	1.1	–	4.1	–	–	1.2	2.0
Not in labor force	3 939	1 108	28.1	175	108	236	253	17	82	237	2 831
LESS THAN 4 YEARS OF COLLEGE											
Male, 35 to 44 years old	**487 366**	**118 737**	**24.4**	**16 302**	**2 846**	**66 894**	**8 857**	**2 612**	**5 425**	**15 801**	**368 629**
Labor force	450 037	112 109	24.9	15 757	2 563	63 921	8 623	2 419	5 106	13 720	337 928
Armed Forces	8 307	4 171	50.2	643	259	2 228	218	97	240	486	4 136
Civilian labor force	441 730	107 938	24.4	15 114	2 304	61 693	8 405	2 322	4 866	13 234	333 792
Employed	424 270	104 541	24.6	14 786	2 205	59 610	8 145	2 210	4 729	12 856	319 729
Unemployed	17 460	3 397	19.5	328	99	2 083	260	112	137	378	14 063
Percent	4.0	3.1	...	2.2	4.3	3.4	3.1	4.8	2.8	2.9	4.2
Not in labor force	37 329	6 628	17.8	545	283	2 973	234	193	319	2 081	30 701
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 35 to 44 years old	**342 748**	**55 860**	**16.3**	**3 749**	**997**	**34 215**	**1 990**	**1 248**	**2 532**	**11 129**	**286 888**
Labor force	311 792	51 594	16.5	3 565	855	32 319	1 913	1 095	2 351	9 496	260 198
Armed Forces	2 240	981	43.8	146	40	513	–	–	61	221	1 259
Civilian labor force	309 552	50 613	16.4	3 419	815	31 806	1 913	1 095	2 290	9 275	258 939
Employed	295 209	48 579	16.5	3 314	736	30 517	1 809	1 000	2 190	9 013	246 630
Unemployed	14 343	2 034	14.2	105	79	1 289	104	95	100	262	12 309
Percent	4.6	4.0	...	3.1	9.7	4.1	5.4	8.7	4.4	2.8	4.8
Not in labor force	30 956	4 266	13.8	184	142	1 896	77	153	181	1 633	26 690
HIGH SCHOOL 4 YEARS											
Male, 35 to 44 years old	**103 244**	**41 630**	**40.3**	**6 839**	**1 131**	**24 320**	**3 164**	**894**	**1 799**	**3 483**	**61 614**
Labor force	98 443	39 955	40.6	6 575	1 015	23 516	3 086	871	1 720	3 172	58 488
Armed Forces	4 656	2 328	50.0	369	182	1 342	67	54	120	194	2 328
Civilian labor force	93 787	37 627	40.1	6 206	833	22 174	3 019	817	1 600	2 978	56 160
Employed	91 528	36 681	40.1	6 090	813	21 554	2 955	800	1 563	2 906	54 847
Unemployed	2 259	946	41.9	116	20	620	64	17	37	72	1 313
Percent	2.4	2.5	...	1.9	2.4	2.8	2.1	2.1	2.3	2.4	2.3
Not in labor force	4 801	1 675	34.9	264	116	804	78	23	79	311	3 126
COLLEGE 1 TO 3 YEARS											
Male, 35 to 44 years old	**41 374**	**21 247**	**51.4**	**5 714**	**718**	**8 359**	**3 703**	**470**	**1 094**	**1 189**	**20 127**
Labor force	39 802	20 560	51.7	5 617	693	8 086	3 624	453	1 035	1 052	19 242
Armed Forces	1 411	862	61.1	128	37	373	151	43	59	71	549
Civilian labor force	38 391	19 698	51.3	5 489	656	7 713	3 473	410	976	981	18 693
Employed	37 533	19 281	51.4	5 382	656	7 539	3 381	410	976	937	18 252
Unemployed	858	417	48.6	107	–	174	92	–	–	44	441
Percent	2.2	2.1	...	1.9	–	2.3	2.6	–	–	4.5	2.4
Not in labor force	1 572	687	43.7	97	25	273	79	17	59	137	885

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Male, 35 to 44 years old	**35 855**	**11 966**	**33.4**	**2 734**	**1 296**	**2 014**	**2 436**	**211**	**1 596**	**1 679**	**23 889**
Labor force	34 738	11 613	33.4	2 671	1 273	1 932	2 356	165	1 575	1 641	23 125
Armed Forces	624	185	29.6	39	–	40	24	20	–	62	439
Civilian labor force	34 114	11 428	33.5	2 632	1 273	1 892	2 332	145	1 575	1 579	22 686
Employed	33 796	11 289	33.4	2 569	1 273	1 854	2 314	145	1 555	1 579	22 507
Unemployed	318	139	...	63	–	38	18	–	20	–	179
Percent	0.9	1.2	...	2.4	–	2.0	0.8	–	1.3	–	0.8
Not in labor force	1 117	353	31.6	63	23	82	80	46	21	38	764
LESS THAN 4 YEARS OF COLLEGE											
Male, 45 to 54 years old	**335 031**	**77 843**	**23.2**	**9 744**	**1 525**	**43 562**	**5 177**	**2 404**	**4 452**	**10 979**	**257 188**
Labor force	300 320	72 293	24.1	9 267	1 433	40 626	4 977	2 338	4 113	9 539	228 027
Armed Forces	1 114	391	35.1	109	20	152	20	–	45	45	723
Civilian labor force	299 206	71 902	24.0	9 158	1 413	40 474	4 957	2 338	4 068	9 494	227 304
Employed	287 106	69 525	24.2	8 916	1 413	39 203	4 808	2 269	3 912	9 004	217 581
Unemployed	12 100	2 377	19.6	242	–	1 271	149	69	156	490	9 723
Percent	4.0	3.3	...	2.6	–	3.1	3.0	3.0	3.8	5.2	4.3
Not in labor force	34 711	5 550	16.0	477	92	2 936	200	66	339	1 440	29 161
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 45 to 54 years old	**253 412**	**42 332**	**16.7**	**2 482**	**445**	**25 806**	**1 723**	**1 574**	**2 316**	**7 986**	**211 080**
Labor force	223 429	38 636	17.3	2 258	427	23 778	1 637	1 527	2 163	6 846	184 793
Armed Forces	482	125	25.9	20	–	36	–	–	24	45	357
Civilian labor force	222 947	38 511	17.3	2 238	427	23 742	1 637	1 527	2 139	6 801	184 436
Employed	213 071	37 067	17.4	2 151	427	23 015	1 551	1 479	2 072	6 372	176 004
Unemployed	9 876	1 444	14.6	87	–	727	86	48	67	429	8 432
Percent	4.4	3.7	...	3.9	–	3.1	5.3	3.1	3.1	6.3	4.6
Not in labor force	29 983	3 696	12.3	224	18	2 028	86	47	153	1 140	26 287
HIGH SCHOOL 4 YEARS											
Male, 45 to 54 years old	**60 429**	**24 169**	**40.0**	**4 154**	**592**	**13 430**	**1 681**	**708**	**1 324**	**2 280**	**36 260**
Labor force	56 827	22 762	40.1	3 988	518	12 761	1 606	689	1 178	2 022	34 065
Armed Forces	382	157	...	39	20	78	20	–	–	–	225
Civilian labor force	56 445	22 605	40.0	3 949	498	12 683	1 586	689	1 178	2 022	33 840
Employed	54 717	21 900	40.0	3 873	498	12 224	1 541	668	1 114	1 982	32 817
Unemployed	1 728	705	40.8	76	–	459	45	21	64	40	1 023
Percent	3.1	3.1	...	1.9	–	3.6	2.8	3.0	5.4	2.0	3.0
Not in labor force	3 602	1 407	39.1	166	74	669	75	19	146	258	2 195
COLLEGE 1 TO 3 YEARS											
Male, 45 to 54 years old	**21 190**	**11 342**	**53.5**	**3 108**	**488**	**4 326**	**1 773**	**122**	**812**	**713**	**9 848**
Labor force	20 064	10 895	54.3	3 021	488	4 087	1 734	122	772	671	9 169
Armed Forces	250	109	...	50	–	38	–	–	21	–	141
Civilian labor force	19 814	10 786	54.4	2 971	488	4 049	1 734	122	751	671	9 028
Employed	19 318	10 558	54.7	2 892	488	3 964	1 716	122	726	650	8 760
Unemployed	496	228	46.0	79	–	85	18	–	25	21	268
Percent	2.5	2.1	...	2.7	–	2.1	1.0	–	3.3	3.1	3.0
Not in labor force	1 126	447	39.7	87	–	239	39	–	40	42	679
COLLEGE 4 YEARS OR MORE											
Male, 45 to 54 years old	**19 449**	**7 327**	**37.7**	**1 954**	**823**	**1 340**	**1 592**	**122**	**765**	**731**	**12 122**
Labor force	18 798	7 205	38.3	1 913	805	1 318	1 592	122	765	690	11 593
Armed Forces	86	19	...	–	–	–	–	–	19	–	67
Civilian labor force	18 712	7 186	38.4	1 913	805	1 318	1 592	122	746	690	11 526
Employed	18 203	6 951	38.2	1 874	805	1 275	1 508	122	701	666	11 252
Unemployed	509	235	46.2	39	–	43	84	–	45	24	274
Percent	2.7	3.3	...	2.0	–	3.3	5.3	–	6.0	3.5	2.4
Not in labor force	651	122	18.7	41	18	22	–	–	–	41	529
LESS THAN 4 YEARS OF COLLEGE											
Male, 55 to 64 years old	**208 223**	**35 108**	**16.9**	**4 566**	**458**	**17 190**	**1 848**	**1 142**	**2 122**	**7 782**	**173 115**
Labor force	160 902	29 161	18.1	4 140	350	14 943	1 651	831	1 732	5 514	131 741
Armed Forces	284	147	...	45	–	102	–	–	–	–	137
Civilian labor force	160 618	29 014	18.1	4 095	350	14 841	1 651	831	1 732	5 514	131 604
Employed	153 172	27 981	18.3	3 911	350	14 443	1 544	801	1 625	5 307	125 191
Unemployed	7 446	1 033	13.9	184	–	398	107	30	107	207	6 413
Percent	4.6	3.6	...	4.5	–	2.7	6.5	3.6	6.2	3.8	4.9
Not in labor force	47 321	5 947	12.6	426	108	2 247	197	311	390	2 268	41 374
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 55 to 64 years old	**176 356**	**22 831**	**12.9**	**1 562**	**193**	**12 142**	**627**	**679**	**1 241**	**6 387**	**153 525**
Labor force	132 962	18 157	13.7	1 354	133	10 265	500	445	997	4 463	114 805
Armed Forces	223	86	...	24	–	62	–	–	–	–	137
Civilian labor force	132 739	18 071	13.6	1 330	133	10 203	500	445	997	4 463	114 668
Employed	126 131	17 384	13.8	1 262	133	9 867	476	415	933	4 298	108 747
Unemployed	6 608	687	10.4	68	–	336	24	30	64	165	5 921
Percent	5.0	3.8	...	5.1	–	3.3	4.8	6.7	6.4	3.7	5.2
Not in labor force	43 394	4 674	10.8	208	60	1 877	127	234	244	1 924	38 720

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Male, 55 to 64 years old	**23 393**	**8 415**	**36.0**	**1 950**	**190**	**3 951**	**666**	**310**	**425**	**923**	**14 978**
Labor force	20 635	7 715	37.4	1 844	142	3 726	642	257	363	741	12 920
Armed Forces	22	22	...	–	–	22	–	–	–	–	–
Civilian labor force	20 613	7 693	37.3	1 844	142	3 704	642	257	363	741	12 920
Employed	20 061	7 485	37.3	1 780	142	3 642	599	257	342	723	12 576
Unemployed	552	208	37.7	64	–	62	43	–	21	18	344
Percent	2.7	2.7	...	3.5	–	1.7	6.7	–	...	2.4	2.7
Not in labor force	2 758	700	25.4	106	48	225	24	53	62	182	2 058
COLLEGE 1 TO 3 YEARS											
Male, 55 to 64 years old	**8 474**	**3 862**	**45.6**	**1 054**	**75**	**1 097**	**555**	**153**	**456**	**472**	**4 612**
Labor force	7 305	3 289	45.0	942	75	952	509	129	372	310	4 016
Armed Forces	39	39	...	21	–	18	–	–	–	–	–
Civilian labor force	7 266	3 250	44.7	921	75	934	509	129	372	310	4 016
Employed	6 980	3 112	44.6	869	75	934	469	129	350	286	3 868
Unemployed	286	138	...	52	–	–	40	–	22	24	148
Percent	3.9	4.2	...	5.6	–	–	7.9	–	...	...	3.7
Not in labor force	1 169	573	49.0	112	–	145	46	24	84	162	596
COLLEGE 4 YEARS OR MORE											
Male, 55 to 64 years old	**8 907**	**3 053**	**34.3**	**782**	**317**	**529**	**242**	**119**	**542**	**522**	**5 854**
Labor force	7 941	2 788	35.1	763	296	510	242	95	488	394	5 153
Armed Forces	20	–	–	–	–	–	–	–	–	–	20
Civilian labor force	7 921	2 788	35.2	763	296	510	242	95	488	394	5 133
Employed	7 656	2 662	34.8	723	296	492	242	95	420	394	4 994
Unemployed	265	126	...	40	–	18	–	–	68	–	139
Percent	3.3	4.5	...	5.2	–	3.5	–	–	13.9	–	2.7
Not in labor force	966	265	27.4	19	21	19	–	24	54	128	701
LESS THAN 4 YEARS OF COLLEGE											
Male, 65 years old and over	**181 711**	**23 692**	**13.0**	**3 444**	**390**	**7 536**	**860**	**431**	**1 006**	**10 025**	**158 019**
Labor force	44 473	7 508	16.9	1 425	171	2 776	394	102	380	2 260	36 965
Armed Forces	91	43	...	–	24	19	–	–	–	–	48
Civilian labor force	44 382	7 465	16.8	1 425	147	2 757	394	102	380	2 260	36 917
Employed	40 903	6 937	17.0	1 297	147	2 466	375	102	358	2 192	33 966
Unemployed	3 479	528	15.2	128	–	291	19	–	22	68	2 951
Percent	7.8	7.1	...	9.0	–	10.6	...	–	...	3.0	8.0
Not in labor force	137 238	16 184	11.8	2 019	219	4 760	466	329	626	7 765	121 054
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male, 65 years old and over	**162 170**	**17 044**	**10.5**	**1 216**	**277**	**5 526**	**426**	**364**	**587**	**8 648**	**145 126**
Labor force	36 801	4 720	12.8	386	78	1 890	155	82	169	1 960	32 081
Armed Forces	42	19	...	–	–	19	–	–	–	–	23
Civilian labor force	36 759	4 701	12.8	386	78	1 871	155	82	169	1 960	32 058
Employed	33 800	4 337	12.8	302	78	1 636	155	82	169	1 915	29 463
Unemployed	2 959	364	12.3	84	–	235	–	–	–	45	2 595
Percent	8.0	7.7	...	...	–	12.6	–	–	–	2.3	8.1
Not in labor force	125 369	12 324	9.8	830	199	3 636	271	282	418	6 688	113 045
HIGH SCHOOL 4 YEARS											
Male, 65 years old and over	**13 975**	**4 909**	**35.1**	**1 563**	**22**	**1 649**	**294**	**18**	**357**	**1 006**	**9 066**
Labor force	5 571	2 020	36.3	734	22	711	155	–	167	231	3 551
Armed Forces	25	–	–	–	–	–	–	–	–	–	25
Civilian labor force	5 546	2 020	36.4	734	22	711	155	–	167	231	3 526
Employed	5 087	1 873	36.8	690	22	672	136	–	145	208	3 214
Unemployed	459	147	32.0	44	–	39	19	–	22	23	312
Percent	8.3	7.3	...	6.0	–	5.5	...	–	...	...	8.8
Not in labor force	8 404	2 889	34.4	829	–	938	139	18	190	775	5 515
COLLEGE 1 TO 3 YEARS											
Male, 65 years old and over	**5 566**	**1 739**	**31.2**	**665**	**91**	**361**	**140**	**49**	**62**	**371**	**3 827**
Labor force	2 101	768	36.6	305	71	175	84	20	44	69	1 333
Armed Forces	24	24	...	–	24	–	–	–	–	–	–
Civilian labor force	2 077	744	35.8	305	47	175	84	20	44	69	1 333
Employed	2 016	727	36.1	305	47	158	84	20	44	69	1 289
Unemployed	61	17	...	–	–	17	–	–	–	–	44
Percent	2.9	2.3	...	–	–	...	–	–	–	–	3.3
Not in labor force	3 465	971	28.0	360	20	186	56	29	18	302	2 494
COLLEGE 4 YEARS OR MORE											
Male, 65 years old and over	**6 052**	**2 139**	**35.3**	**549**	**243**	**137**	**389**	**43**	**153**	**625**	**3 913**
Labor force	2 757	1 131	41.0	337	150	30	202	–	61	351	1 626
Armed Forces	26	–	–	–	–	–	–	–	–	–	26
Civilian labor force	2 731	1 131	41.4	337	150	30	202	–	61	351	1 600
Employed	2 562	1 082	42.2	306	150	30	184	–	61	351	1 480
Unemployed	169	49	...	31	–	–	18	–	–	–	120
Percent	6.2	4.3	...	...	–	–	...	–	–	–	7.5
Not in labor force	3 295	1 008	30.6	212	93	107	187	43	92	274	2 287

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 years old and over	**2 750 212**	**450 666**	**16.4**	**186 034**	**66 390**	**78 666**	**3 509**	**9 427**	**17 361**	**89 279**	**2 299 546**
Labor force	1 059 816	262 729	24.8	117 146	43 217	47 548	2 292	4 369	9 083	39 074	797 087
Armed Forces	1 662	689	41.5	234	180	99	23	–	35	118	973
Civilian labor force	1 058 154	262 040	24.8	116 912	43 037	47 449	2 269	4 369	9 048	38 956	796 114
Employed	970 844	245 729	25.3	109 458	41 276	44 357	2 056	4 121	8 059	36 402	725 115
Unemployed	87 310	16 311	18.7	7 454	1 761	3 092	213	248	989	2 554	70 999
Percent	8.3	6.2	...	6.4	4.1	6.5	9.4	5.7	10.9	6.6	8.9
Not in labor force	1 690 396	187 937	11.1	68 888	23 173	31 118	1 217	5 058	8 278	50 205	1 502 459
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 years old and over	**1 888 875**	**169 219**	**9.0**	**39 487**	**21 942**	**35 925**	**1 317**	**4 490**	**6 043**	**60 015**	**1 719 656**
Labor force	594 271	83 334	14.0	22 065	12 981	20 424	666	1 867	3 123	22 208	510 937
Armed Forces	320	72	...	–	–	30	23	–	–	19	248
Civilian labor force	593 951	83 262	14.0	22 065	12 981	20 394	643	1 867	3 123	22 189	510 689
Employed	535 854	76 803	14.3	20 280	12 154	18 734	565	1 703	2 651	20 716	459 051
Unemployed	58 097	6 459	11.1	1 785	827	1 660	78	164	472	1 473	51 638
Percent	9.8	7.8	...	8.1	6.4	8.1	12.1	8.8	15.1	6.6	10.1
Not in labor force	1 294 604	85 885	6.6	17 422	8 961	15 501	651	2 623	2 920	37 807	1 208 719
HIGH SCHOOL 4 YEARS											
Female, 16 years old and over	**685 917**	**213 163**	**31.1**	**112 696**	**29 776**	**36 583**	**1 086**	**3 970**	**7 661**	**21 391**	**472 754**
Labor force	363 785	133 859	36.8	71 861	19 868	22 952	803	1 939	4 030	12 406	229 926
Armed Forces	1 116	471	42.2	193	100	44	–	–	35	99	645
Civilian labor force	362 669	133 388	36.8	71 668	19 768	22 908	803	1 939	3 995	12 307	229 281
Employed	338 551	125 493	37.1	67 177	18 985	21 643	711	1 855	3 555	11 567	213 058
Unemployed	24 118	7 895	32.7	4 491	783	1 265	92	84	440	740	16 223
Percent	6.7	5.9	...	6.3	4.0	5.5	11.5	4.3	11.0	6.0	7.1
Not in labor force	322 132	79 304	24.6	40 835	9 908	13 631	283	2 031	3 631	8 985	242 828
COLLEGE 1 TO 3 YEARS											
Female, 16 years old and over	**175 420**	**68 284**	**38.9**	**33 851**	**14 672**	**6 158**	**1 106**	**967**	**3 657**	**7 873**	**107 136**
Labor force	101 760	45 536	44.7	23 220	10 368	4 172	823	563	1 930	4 460	56 224
Armed Forces	226	146	...	41	80	25	–	–	–	–	80
Civilian labor force	101 534	45 390	44.7	23 179	10 288	4 147	823	563	1 930	4 460	56 144
Employed	96 439	43 433	45.0	22 001	10 137	3 980	780	563	1 853	4 119	53 006
Unemployed	5 095	1 957	38.4	1 178	151	167	43	–	77	341	3 138
Percent	5.0	4.3	...	5.1	1.5	4.0	5.2	–	4.0	7.6	5.6
Not in labor force	73 660	22 748	30.9	10 631	4 304	1 986	283	404	1 727	3 413	50 912
COLLEGE 4 YEARS OR MORE											
Female, 16 years old and over	**76 605**	**22 837**	**29.8**	**5 442**	**5 403**	**831**	**723**	**639**	**5 612**	**4 187**	**53 768**
Labor force	50 389	15 392	30.5	3 846	3 754	570	452	416	3 762	2 592	34 997
Armed Forces	176	41	...	–	41	–	–	–	–	–	135
Civilian labor force	50 213	15 351	30.6	3 846	3 713	570	452	416	3 762	2 592	34 862
Employed	48 390	14 712	30.4	3 761	3 594	482	410	386	3 545	2 534	33 678
Unemployed	1 823	639	35.1	85	119	88	42	30	217	58	1 184
Percent	3.6	4.2	...	2.2	3.2	15.4	9.3	7.2	5.8	2.2	3.4
Not in labor force	26 216	7 445	28.4	1 596	1 649	261	271	223	1 850	1 595	18 771
LESS THAN 4 YEARS OF COLLEGE											
Female, 16 to 19 years old	**367 649**	**42 304**	**11.5**	**17 210**	**3 974**	**5 048**	**193**	**1 462**	**1 122**	**13 295**	**325 345**
Labor force	112 355	21 005	18.7	10 823	2 152	3 017	116	860	623	3 414	91 350
Armed Forces	343	158	...	104	29	25	–	–	–	–	185
Civilian labor force	112 012	20 847	18.6	10 719	2 123	2 992	116	860	623	3 414	91 165
Employed	96 475	18 581	19.3	9 781	1 841	2 655	98	745	446	3 015	77 894
Unemployed	15 537	2 266	14.6	938	282	337	18	115	177	399	13 271
Percent	13.9	10.9	...	8.8	13.3	11.3	...	13.4	28.4	11.7	14.6
Not in labor force	255 294	21 299	8.3	6 387	1 822	2 031	77	602	499	9 881	233 995
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 16 to 19 years old	**287 985**	**22 213**	**7.7**	**6 858**	**1 611**	**2 534**	**72**	**964**	**691**	**9 483**	**265 772**
Labor force	67 362	7 462	11.1	3 129	672	1 269	36	451	341	1 564	59 900
Armed Forces	30	–	–	–	–	–	–	–	–	–	30
Civilian labor force	67 332	7 462	11.1	3 129	672	1 269	36	451	341	1 564	59 870
Employed	56 298	6 544	11.6	2 821	566	1 172	18	359	208	1 400	49 754
Unemployed	11 034	918	8.3	308	106	97	18	92	133	164	10 116
Percent	16.4	12.3	...	9.8	15.8	7.6	...	20.4	...	10.5	16.9
Not in labor force	220 623	14 751	6.7	3 729	939	1 265	36	513	350	7 919	205 872
HIGH SCHOOL 4 YEARS											
Female, 16 to 19 years old	**67 905**	**17 476**	**25.7**	**9 185**	**1 952**	**2 390**	**80**	**436**	**324**	**3 109**	**50 429**
Labor force	38 569	11 917	30.9	6 892	1 194	1 655	58	370	205	1 543	26 652
Armed Forces	292	158	...	104	29	25	–	–	–	–	134
Civilian labor force	38 277	11 759	30.7	6 788	1 165	1 630	58	370	205	1 543	26 518
Employed	34 239	10 476	30.6	6 180	989	1 390	58	347	161	1 351	23 763
Unemployed	4 038	1 283	31.8	608	176	240	–	23	44	192	2 755
Percent	10.5	10.9	...	9.0	15.1	14.7	–	...	...	12.4	10.4
Not in labor force	29 336	5 559	18.9	2 293	758	735	22	66	119	1 566	23 777

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 1 TO 3 YEARS											
Female, 16 to 19 years old	**11 759**	**2 615**	**22.2**	**1 167**	**411**	**124**	**41**	**62**	**107**	**703**	**9 144**
Labor force	6 424	1 626	25.3	802	286	93	22	39	77	307	4 798
Armed Forces	21	–	–	–	–	–	–	–	–	–	21
Civilian labor force	6 403	1 626	25.4	802	286	93	22	39	77	307	4 777
Employed	5 938	1 561	26.3	780	286	93	22	39	77	264	4 377
Unemployed	465	65	14.0	22	–	–	–	–	–	43	400
Percent	7.3	4.0	...	2.7	–	–	–	–	–	...	8.4
Not in labor force	5 335	989	18.5	365	125	31	19	23	30	396	4 346
COLLEGE 4 YEARS OR MORE											
Female, 16 to 19 years old	–	–	–	–	–	–	–	–	–	–	–
Labor force	–	–	–	–	–	–	–	–	–	–	–
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	–	–	–	–	–	–	–	–	–	–	–
Employed	–	–	–	–	–	–	–	–	–	–	–
Unemployed	–	–	–	–	–	–	–	–	–	–	–
Percent	–	–	...	–	–	–	–	–	–	–	–
Not in labor force	–	–	–	–	–	–	–	–	–	–	–
LESS THAN 4 YEARS OF COLLEGE											
Female, 20 to 24 years old	**399 315**	**88 755**	**22.2**	**43 020**	**13 021**	**16 822**	**580**	**1 204**	**2 555**	**11 553**	**310 560**
Labor force	190 943	59 087	30.9	30 012	8 832	10 537	464	504	1 676	7 062	131 856
Armed Forces	757	293	38.7	110	80	–	–	–	–	103	464
Civilian labor force	190 186	58 794	30.9	29 902	8 752	10 537	464	504	1 676	6 959	131 392
Employed	173 736	54 520	31.4	27 615	8 358	9 930	440	481	1 496	6 200	119 216
Unemployed	16 450	4 274	26.0	2 287	394	607	24	23	180	759	12 176
Percent	8.6	7.3	...	7.6	4.5	5.8	5.2	4.6	10.7	10.9	9.3
Not in labor force	208 372	29 668	14.2	13 008	4 189	6 285	116	700	879	4 491	178 704
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 20 to 24 years old	**186 642**	**19 040**	**10.2**	**5 725**	**2 838**	**5 188**	**19**	**443**	**643**	**4 184**	**167 602**
Labor force	63 869	9 952	15.6	3 307	1 522	2 607	19	130	394	1 973	53 917
Armed Forces	94	19	...	–	–	–	–	–	–	19	75
Civilian labor force	63 775	9 933	15.6	3 307	1 522	2 607	19	130	394	1 954	53 842
Employed	56 234	8 987	16.0	2 980	1 398	2 397	19	130	375	1 688	47 247
Unemployed	7 541	946	12.5	327	124	210	–	–	19	266	6 595
Percent	11.8	9.5	...	9.9	8.1	8.1	–	–	...	13.6	12.2
Not in labor force	122 773	9 088	7.4	2 418	1 316	2 581	–	313	249	2 211	113 685
HIGH SCHOOL 4 YEARS											
Female, 20 to 24 years old	**160 062**	**52 793**	**33.0**	**28 764**	**7 106**	**9 969**	**280**	**604**	**1 275**	**4 795**	**107 269**
Labor force	94 220	36 565	38.8	20 074	5 015	6 778	228	285	809	3 376	57 655
Armed Forces	562	232	41.3	89	59	–	–	–	–	84	330
Civilian labor force	93 658	36 333	38.8	19 985	4 956	6 778	228	285	809	3 292	57 325
Employed	86 489	33 810	39.1	18 517	4 777	6 405	204	262	667	2 978	52 679
Unemployed	7 169	2 523	35.2	1 468	179	373	24	23	142	314	4 646
Percent	7.7	6.9	...	7.3	3.6	5.5	...	...	17.6	9.5	8.1
Not in labor force	65 842	16 228	24.6	8 690	2 091	3 191	52	319	466	1 419	49 614
COLLEGE 1 TO 3 YEARS											
Female, 20 to 24 years old	**52 611**	**16 922**	**32.2**	**8 531**	**3 077**	**1 665**	**281**	**157**	**637**	**2 574**	**35 689**
Labor force	32 854	12 570	38.3	6 631	2 295	1 152	217	89	473	1 713	20 284
Armed Forces	101	42	...	21	21	–	–	–	–	–	59
Civilian labor force	32 753	12 528	38.2	6 610	2 274	1 152	217	89	473	1 713	20 225
Employed	31 013	11 723	37.8	6 118	2 183	1 128	217	89	454	1 534	19 290
Unemployed	1 740	805	46.3	492	91	24	–	–	19	179	935
Percent	5.3	6.4	...	7.4	4.0	2.1	–	–	4.0	10.4	4.6
Not in labor force	19 757	4 352	22.0	1 900	782	513	64	68	164	861	15 405
COLLEGE 4 YEARS OR MORE											
Female, 20 to 24 years old	**10 243**	**2 067**	**20.2**	**438**	**383**	**91**	**88**	**49**	**335**	**683**	**8 176**
Labor force	7 079	1 548	21.9	353	321	41	43	–	258	532	5 531
Armed Forces	31	–	–	–	–	–	–	–	–	–	31
Civilian labor force	7 048	1 548	22.0	353	321	41	43	–	258	532	5 500
Employed	6 794	1 468	21.6	328	297	41	43	–	242	517	5 326
Unemployed	254	80	...	25	24	–	–	–	16	15	174
Percent	3.6	5.2	...	...	...	–	–	–	...	2.8	3.2
Not in labor force	3 164	519	16.4	85	62	50	45	49	77	151	2 645
LESS THAN 4 YEARS OF COLLEGE											
Female, 25 to 34 years old	**643 577**	**128 626**	**20.0**	**59 271**	**19 731**	**24 047**	**1 270**	**2 181**	**5 012**	**17 114**	**514 951**
Labor force	259 223	74 816	28.9	34 861	12 792	13 346	833	996	2 491	9 497	184 407
Armed Forces	275	110	...	20	33	19	23	–	–	15	165
Civilian labor force	258 948	74 706	28.8	34 841	12 759	13 327	810	996	2 491	9 482	184 242
Employed	240 099	70 644	29.4	33 053	12 232	12 555	740	958	2 165	8 941	169 455
Unemployed	18 849	4 062	21.6	1 788	527	772	70	38	326	541	14 787
Percent	7.3	5.4	...	5.1	4.1	5.8	8.6	3.8	13.1	5.7	8.0
Not in labor force	384 354	53 810	14.0	24 410	6 939	10 701	437	1 185	2 521	7 617	330 544

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 25 to 34 years old	**383 695**	**36 860**	**9.6**	**9 950**	**4 970**	**9 464**	**402**	**922**	**1 385**	**9 767**	**346 835**
Labor force	129 820	20 689	15.9	5 659	3 138	5 385	211	492	758	5 046	109 131
Armed Forces	69	23	...	–	–	–	23	–	–	–	46
Civilian labor force	129 751	20 666	15.9	5 659	3 138	5 385	188	492	758	5 046	109 085
Employed	118 160	19 082	16.1	5 230	2 894	4 945	188	473	663	4 689	99 078
Unemployed	11 591	1 584	13.7	429	244	440	–	19	95	357	10 007
Percent	8.9	7.7	...	7.6	7.8	8.2	–	3.9	12.5	7.1	9.2
Not in labor force	253 875	16 171	6.4	4 291	1 832	4 079	191	430	627	4 721	237 704
HIGH SCHOOL 4 YEARS											
Female, 25 to 34 years old	**208 535**	**69 077**	**33.1**	**37 426**	**9 864**	**12 418**	**358**	**1 068**	**2 428**	**5 515**	**139 458**
Labor force	100 843	39 647	39.3	21 465	6 342	6 762	250	367	1 125	3 336	61 196
Armed Forces	153	34	...	–	–	19	–	–	–	15	119
Civilian labor force	100 690	39 613	39.3	21 465	6 342	6 743	250	367	1 125	3 321	61 077
Employed	94 839	37 586	39.6	20 258	6 103	6 467	223	348	952	3 235	57 253
Unemployed	5 851	2 027	34.6	1 207	239	276	27	19	173	86	3 824
Percent	5.8	5.1	...	5.6	3.8	4.1	...	...	15.4	2.6	6.3
Not in labor force	107 692	29 430	27.3	15 961	3 522	5 656	108	701	1 303	2 179	78 262
COLLEGE 1 TO 3 YEARS											
Female, 25 to 34 years old	**51 347**	**22 689**	**44.2**	**11 895**	**4 897**	**2 165**	**510**	**191**	**1 199**	**1 832**	**28 658**
Labor force	28 560	14 480	50.7	7 737	3 312	1 199	372	137	608	1 115	14 080
Armed Forces	53	53	...	20	33	–	–	–	–	–	–
Civilian labor force	28 507	14 427	50.6	7 717	3 279	1 199	372	137	608	1 115	14 080
Employed	27 100	13 976	51.6	7 565	3 235	1 143	329	137	550	1 017	13 124
Unemployed	1 407	451	32.1	152	44	56	43	–	58	98	956
Percent	4.9	3.1	...	2.0	1.3	4.7	...	–	9.5	8.8	6.8
Not in labor force	22 787	8 209	36.0	4 158	1 585	966	138	54	591	717	14 578
COLLEGE 4 YEARS OR MORE											
Female, 25 to 34 years old	**26 848**	**7 329**	**27.3**	**2 041**	**1 883**	**165**	**281**	**138**	**1 406**	**1 415**	**19 519**
Labor force	17 606	4 899	27.8	1 257	1 344	102	188	119	967	922	12 707
Armed Forces	108	22	...	–	22	–	–	–	–	–	86
Civilian labor force	17 498	4 877	27.9	1 257	1 322	102	188	119	967	922	12 621
Employed	16 813	4 660	27.7	1 237	1 264	86	165	119	910	879	12 153
Unemployed	685	217	31.7	20	58	16	23	–	57	43	468
Percent	3.9	4.4	...	1.6	4.4	...	...	–	5.9	4.7	3.7
Not in labor force	9 242	2 430	26.3	784	539	63	93	19	439	493	6 812
LESS THAN 4 YEARS OF COLLEGE											
Female, 35 to 44 years old	**532 675**	**86 855**	**16.3**	**35 633**	**14 604**	**15 413**	**686**	**1 954**	**3 623**	**14 942**	**445 820**
Labor force	242 887	55 028	22.7	22 980	10 254	10 074	486	1 017	2 159	8 058	187 859
Armed Forces	188	43	...	–	38	5	–	–	–	–	145
Civilian labor force	242 699	54 985	22.7	22 980	10 216	10 069	486	1 017	2 159	8 058	187 714
Employed	224 889	52 157	23.2	21 767	9 810	9 423	442	997	2 001	7 717	172 732
Unemployed	17 810	2 828	15.9	1 213	406	646	44	20	158	341	14 982
Percent	7.3	5.1	...	5.3	4.0	6.4	9.1	2.0	7.3	4.2	8.0
Not in labor force	289 788	31 827	11.0	12 653	4 350	5 339	200	937	1 464	6 884	257 961
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 35 to 44 years old	**371 174**	**34 565**	**9.3**	**8 196**	**5 211**	**8 207**	**291**	**690**	**1 419**	**10 551**	**336 609**
Labor force	151 909	20 769	13.7	5 353	3 411	5 209	184	295	815	5 502	131 140
Armed Forces	88	5	...	–	–	5	–	–	–	–	83
Civilian labor force	151 821	20 764	13.7	5 353	3 411	5 204	184	295	815	5 502	131 057
Employed	138 498	19 247	13.9	4 981	3 161	4 745	162	275	676	5 247	119 251
Unemployed	13 323	1 517	11.4	372	250	459	22	20	139	255	11 806
Percent	8.8	7.3	...	6.9	7.3	8.8	...	...	17.1	4.6	9.0
Not in labor force	219 265	13 796	6.3	2 843	1 800	2 998	107	395	604	5 049	205 469
HIGH SCHOOL 4 YEARS											
Female, 35 to 44 years old	**131 247**	**39 123**	**29.8**	**21 404**	**5 833**	**6 201**	**165**	**928**	**1 316**	**3 276**	**92 124**
Labor force	72 238	25 137	34.8	13 436	4 150	4 084	112	536	881	1 938	47 101
Armed Forces	74	12	...	–	12	–	–	–	–	–	62
Civilian labor force	72 164	25 125	34.8	13 436	4 138	4 084	112	536	881	1 938	47 039
Employed	68 394	24 039	35.1	12 776	3 982	3 920	90	536	862	1 873	44 355
Unemployed	3 770	1 086	28.8	660	156	164	22	–	19	65	2 684
Percent	5.2	4.3	...	4.9	3.8	4.0	...	–	2.2	3.4	5.7
Not in labor force	59 009	13 986	23.7	7 968	1 683	2 117	53	392	435	1 338	45 023
COLLEGE 1 TO 3 YEARS											
Female, 35 to 44 years old	**30 254**	**13 167**	**43.5**	**6 033**	**3 560**	**1 005**	**230**	**336**	**888**	**1 115**	**17 087**
Labor force	18 740	9 122	48.7	4 191	2 693	781	190	186	463	618	9 618
Armed Forces	26	26	...	–	26	–	–	–	–	–	–
Civilian labor force	18 714	9 096	48.6	4 191	2 667	781	190	186	463	618	9 618
Employed	17 997	8 871	49.3	4 010	2 667	758	190	186	463	597	9 126
Unemployed	717	225	31.4	181	–	23	–	–	–	21	492
Percent	3.8	2.5	...	4.3	–	2.9	–	–	–	3.4	5.1
Not in labor force	11 514	4 045	35.1	1 842	867	224	40	150	425	497	7 469

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
COLLEGE 4 YEARS OR MORE											
Female, 35 to 44 years old	**18 673**	**6 378**	**34.2**	**1 720**	**1 702**	**318**	**312**	**196**	**1 345**	**785**	**12 295**
Labor force	13 029	4 507	34.6	1 311	1 107	233	179	132	992	553	8 522
Armed force	37	19	...	–	19	–	–	–	–	–	18
Civilian labor force	12 992	4 488	34.5	1 311	1 088	233	179	132	992	553	8 504
Employed	12 538	4 354	34.7	1 291	1 070	196	179	132	933	553	8 184
Unemployed	454	134	29.5	20	18	37	–	–	59	–	320
Percent	3.5	3.0	...	1.5	1.7	...	–	–	5.9	–	3.8
Not in labor force	5 644	1 871	33.2	409	595	85	133	64	353	232	3 773
LESS THAN 4 YEARS OF COLLEGE											
Female, 45 to 54 years old	**360 280**	**54 387**	**15.1**	**18 644**	**8 895**	**10 767**	**295**	**1 628**	**2 441**	**11 717**	**305 893**
Labor force	162 996	34 438	21.1	12 386	6 170	7 311	178	718	1 430	6 245	128 558
Armed Forces	74	60	...	–	–	25	–	–	35	–	14
Civilian labor force	162 922	34 378	21.1	12 386	6 170	7 286	178	718	1 395	6 245	128 544
Employed	151 724	32 613	21.5	11 617	6 093	6 764	178	685	1 312	5 964	119 111
Unemployed	11 198	1 765	15.8	769	77	522	–	33	83	281	9 433
Percent	6.9	5.1	...	6.2	1.2	7.2	–	4.6	5.9	4.5	7.3
Not in labor force	197 284	19 949	10.1	6 258	2 725	3 456	117	910	1 011	5 472	177 335
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 45 to 54 years old	**273 903**	**25 675**	**9.4**	**4 546**	**4 317**	**6 152**	**130**	**739**	**868**	**8 923**	**248 228**
Labor force	111 741	14 915	13.3	2 818	2 784	3 919	60	298	581	4 455	96 826
Armed Forces	39	25	...	–	–	25	–	–	–	–	14
Civilian labor force	111 702	14 890	13.3	2 818	2 784	3 894	60	298	581	4 455	96 812
Employed	103 128	14 029	13.6	2 648	2 740	3 561	60	265	517	4 238	89 099
Unemployed	8 574	861	10.0	170	44	333	–	33	64	217	7 713
Percent	7.7	5.8	...	6.0	1.6	8.6	–	...	11.0	4.9	8.0
Not in labor force	162 162	10 760	6.6	1 728	1 533	2 233	70	441	287	4 468	151 402
HIGH SCHOOL 4 YEARS											
Female, 45 to 54 years old	**70 434**	**21 607**	**30.7**	**10 194**	**3 191**	**3 932**	**121**	**684**	**1 216**	**2 269**	**48 827**
Labor force	41 432	14 631	35.3	6 961	2 301	2 836	96	324	672	1 441	26 801
Armed Forces	35	35	...	–	–	–	–	–	35	–	–
Civilian labor force	41 397	14 596	35.3	6 961	2 301	2 836	96	324	637	1 441	26 801
Employed	39 186	13 887	35.4	6 537	2 268	2 667	96	324	618	1 377	25 299
Unemployed	2 211	709	32.1	424	33	169	–	–	19	64	1 502
Percent	5.3	4.9	...	6.1	1.4	6.0	–	–	3.0	4.4	5.6
Not in labor force	29 002	6 976	24.1	3 233	890	1 096	25	360	544	828	22 026
COLLEGE 1 TO 3 YEARS											
Female, 45 to 54 years old	**15 943**	**7 105**	**44.6**	**3 904**	**1 387**	**683**	**44**	**205**	**357**	**525**	**8 838**
Labor force	9 823	4 892	49.8	2 607	1 085	556	22	96	177	349	4 931
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	9 823	4 892	49.8	2 607	1 085	556	22	96	177	349	4 931
Employed	9 410	4 697	49.9	2 432	1 085	536	22	96	177	349	4 713
Unemployed	413	195	47.2	175	–	20	–	–	–	–	218
Percent	4.2	4.0	...	6.7	–	3.6	–	–	–	–	4.4
Not in labor force	6 120	2 213	36.2	1 297	302	127	22	109	180	176	3 907
COLLEGE 4 YEARS OR MORE											
Female, 45 to 54 years old	**10 433**	**3 834**	**36.7**	**854**	**882**	**120**	**23**	**145**	**1 209**	**601**	**6 599**
Labor force	7 892	2 966	37.6	778	691	101	23	122	928	323	4 926
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	7 892	2 966	37.6	778	691	101	23	122	928	323	4 926
Employed	7 662	2 818	36.8	778	672	66	23	92	864	323	4 844
Unemployed	230	148	...	–	19	35	–	30	64	–	82
Percent	2.9	5.0	...	–	2.7	...	–	...	6.9	–	1.7
Not in labor force	2 541	868	34.2	76	191	19	–	23	281	278	1 673
LESS THAN 4 YEARS OF COLLEGE											
Female, 55 to 64 years old	**234 277**	**29 273**	**12.5**	**8 478**	**4 260**	**4 758**	**203**	**641**	**1 442**	**9 491**	**205 004**
Labor force	73 861	14 703	19.9	5 098	2 582	2 773	100	238	532	3 380	59 158
Armed Forces	25	25	...	–	–	25	–	–	–	–	–
Civilian labor force	73 836	14 678	19.9	5 098	2 582	2 748	100	238	532	3 380	59 158
Employed	68 490	13 932	20.3	4 753	2 566	2 587	79	219	488	3 240	54 558
Unemployed	5 346	746	14.0	345	16	161	21	19	44	140	4 600
Percent	7.2	5.1	...	6.8	0.6	5.9	...	...	8.3	4.1	7.8
Not in labor force	160 416	14 570	9.1	3 380	1 678	1 985	103	403	910	6 111	145 846
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 55 to 64 years old	**197 590**	**16 800**	**8.5**	**2 737**	**2 048**	**3 096**	**203**	**497**	**667**	**7 552**	**180 790**
Labor force	56 302	7 499	13.3	1 501	1 186	1 820	100	182	159	2 551	48 803
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	56 302	7 499	13.3	1 501	1 186	1 820	100	182	159	2 551	48 803
Employed	51 926	7 100	13.7	1 364	1 186	1 722	79	182	137	2 430	44 826
Unemployed	4 376	399	9.1	137	–	98	21	–	22	121	3 977
Percent	7.8	5.3	...	9.1	–	5.4	...	–	...	4.7	8.1
Not in labor force	141 288	9 301	6.6	1 236	862	1 276	103	315	508	5 001	131 987

Table 4. **Labor Force Status of Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
HIGH SCHOOL 4 YEARS											
Female, 55 to 64 years old	**29 350**	**9 037**	**30.8**	**4 303**	**1 288**	**1 335**	**–**	**128**	**573**	**1 410**	**20 313**
Labor force	13 532	5 016	37.1	2 634	769	713	–	40	279	581	8 516
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	13 532	5 016	37.1	2 634	769	713	–	40	279	581	8 516
Employed	12 819	4 813	37.5	2 534	769	670	–	21	257	562	8 006
Unemployed	713	203	28.5	100	–	43	–	19	22	19	510
Percent	5.3	4.0	...	3.8	–	6.0	–	...	...	3.3	6.0
Not in labor force	15 818	4 021	25.4	1 669	519	622	–	88	294	829	11 797
COLLEGE 1 TO 3 YEARS											
Female, 55 to 64 years old	**7 337**	**3 436**	**46.8**	**1 438**	**924**	**327**	**–**	**16**	**202**	**529**	**3 901**
Labor force	4 027	2 188	54.3	963	627	240	–	16	94	248	1 839
Armed Forces	25	25	...	–	–	25	–	–	–	–	–
Civilian labor force	4 002	2 163	54.0	963	627	215	–	16	94	248	1 839
Employed	3 745	2 019	53.9	855	611	195	–	16	94	248	1 726
Unemployed	257	144	...	108	16	20	–	–	–	–	113
Percent	6.4	6.7	...	11.2	2.6	...	–	–	–	–	6.1
Not in labor force	3 310	1 248	37.7	475	297	87	–	–	108	281	2 062
COLLEGE 4 YEARS OR MORE											
Female, 55 to 64 years old	**6 340**	**1 807**	**28.5**	**218**	**415**	**63**	**19**	**43**	**744**	**305**	**4 533**
Labor force	3 880	1 217	31.4	96	271	63	19	43	504	221	2 663
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	3 880	1 217	31.4	96	271	63	19	43	504	221	2 663
Employed	3 737	1 177	31.5	96	271	63	–	43	483	221	2 560
Unemployed	143	40	...	–	–	–	19	–	21	–	103
Percent	3.7	3.3	...	–	–	–	...	–	4.2	–	3.9
Not in labor force	2 460	590	24.0	122	144	–	–	–	240	84	1 870
LESS THAN 4 YEARS OF COLLEGE											
Female, 65 years old and over	**212 439**	**20 466**	**9.6**	**3 778**	**1 905**	**1 811**	**282**	**357**	**1 166**	**11 167**	**191 973**
Labor force	17 551	3 652	20.8	986	435	490	115	36	172	1 418	13 899
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	17 551	3 652	20.8	986	435	490	115	36	172	1 418	13 899
Employed	15 431	3 282	21.3	872	376	443	79	36	151	1 325	12 149
Unemployed	2 120	370	17.5	114	59	47	36	–	21	93	1 750
Percent	12.1	10.1	...	11.6	13.6	9.6	...	–	...	6.6	12.6
Not in labor force	194 888	16 814	8.6	2 792	1 470	1 321	167	321	994	9 749	178 074
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female, 65 years old and over	**187 886**	**14 066**	**7.5**	**1 475**	**947**	**1 284**	**200**	**235**	**370**	**9 555**	**173 820**
Labor force	13 268	2 048	15.4	298	268	215	56	19	75	1 117	11 220
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	13 268	2 048	15.4	298	268	215	56	19	75	1 117	11 220
Employed	11 610	1 814	15.6	256	209	192	39	19	75	1 024	9 796
Unemployed	1 658	234	14.1	42	59	23	17	–	–	93	1 424
Percent	12.5	11.4	...	...	...	...	...	–	–	8.3	12.7
Not in labor force	174 618	12 018	6.9	1 177	679	1 069	144	216	295	8 438	162 600
HIGH SCHOOL 4 YEARS											
Female, 65 years old and over	**18 384**	**4 050**	**22.0**	**1 420**	**542**	**338**	**82**	**122**	**529**	**1 017**	**14 334**
Labor force	2 951	946	32.1	399	97	124	59	17	59	191	2 005
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	2 951	946	32.1	399	97	124	59	17	59	191	2 005
Employed	2 585	882	34.1	375	97	124	40	17	38	191	1 703
Unemployed	366	64	...	24	–	–	19	–	21	–	302
Percent	12.4	6.8	...	...	–	–	...	–	...	–	15.1
Not in labor force	15 433	3 104	20.1	1 021	445	214	23	105	470	826	12 329
COLLEGE 1 TO 3 YEARS											
Female, 65 years old and over	**6 169**	**2 350**	**38.1**	**883**	**416**	**189**	**–**	**–**	**267**	**595**	**3 819**
Labor force	1 332	658	49.4	289	70	151	–	–	38	110	674
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	1 332	658	49.4	289	70	151	–	–	38	110	674
Employed	1 236	586	47.4	241	70	127	–	–	38	110	650
Unemployed	96	72	...	48	–	24	–	–	–	–	24
Percent	7.2	10.9	...	...	–	...	–	–	–	–	3.6
Not in labor force	4 837	1 692	35.0	594	346	38	–	–	229	485	3 145
COLLEGE 4 YEARS OR MORE											
Female, 65 years old and over	**4 068**	**1 422**	**35.0**	**171**	**138**	**74**	**–**	**68**	**573**	**398**	**2 646**
Labor force	903	255	28.2	51	20	30	–	–	113	41	648
Armed Forces	–	–	–	–	–	–	–	–	–	–	–
Civilian labor force	903	255	28.2	51	20	30	–	–	113	41	648
Employed	846	235	27.8	31	20	30	–	–	113	41	611
Unemployed	57	20	...	20	–	–	–	–	–	–	37
Percent	6.3	...	...	...	–	–	–	–	–	–	5.7
Not in labor force	3 165	1 167	36.9	120	118	44	–	68	460	357	1 998

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 years old and over	**40 985 223**	**12 519 674**	**30.5**	**1 548 918**	**210 547**	**6 429 753**	**1 226 443**	**383 682**	**561 336**	**2 158 995**	**28 465 549**
Professional, technical, and kindred workers	2 870 478	1 379 150	48.0	201 907	58 052	397 839	470 978	15 164	79 526	155 684	1 491 328
Managers and administrators, exc. farm	3 987 658	1 331 130	33.4	350 831	25 246	557 033	141 220	34 726	67 805	154 269	2 656 528
Sales workers	2 719 694	790 270	29.1	239 275	14 968	272 680	69 265	17 425	44 501	132 156	1 929 424
Clerical and kindred workers	3 302 749	1 014 317	30.7	328 620	17 107	357 007	69 454	18 549	50 927	172 653	2 288 432
Craftsmen, foremen, and kindred workers	9 907 141	3 942 846	39.8	159 495	25 132	2 807 345	266 669	60 809	122 809	500 587	5 964 295
Operatives, except transport	6 413 849	1 578 356	24.6	93 143	15 787	914 732	94 462	46 891	68 934	344 407	4 835 493
Transport equipment operatives	2 794 540	562 316	20.1	44 877	8 267	273 537	26 825	22 994	28 602	157 214	2 232 224
Laborers, except farm	3 115 004	542 582	17.4	38 171	6 885	216 298	26 009	25 446	25 063	204 710	2 572 422
Farm workers	2 091 572	340 276	16.3	18 807	2 158	91 737	11 624	113 625	8 740	93 585	1 751 296
Service workers, exc. private household	3 747 308	1 031 984	27.5	73 197	36 678	540 045	49 878	27 647	64 037	240 502	2 715 324
Private household workers	35 230	6 447	18.3	595	267	1 500	59	406	392	3 228	28 783
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 years old and over	**19 629 830**	**4 320 366**	**22.0**	**262 923**	**45 483**	**2 337 643**	**182 786**	**154 130**	**176 622**	**1 160 779**	**15 309 464**
Professional, technical, and kindred workers	411 602	166 896	40.5	16 350	6 148	59 311	37 417	2 691	11 894	33 085	244 706
Managers and administrators, exc. farm	1 177 947	314 327	26.7	50 862	3 610	156 794	18 299	9 437	15 481	59 844	863 620
Sales workers	838 562	188 619	22.5	42 193	1 777	70 928	7 706	4 577	8 924	52 514	649 943
Clerical and kindred workers	1 015 031	235 742	23.2	47 952	3 300	92 965	9 373	5 247	10 242	66 663	779 289
Craftsmen, foremen, and kindred workers	5 004 206	1 542 115	30.8	38 054	6 947	1 067 031	57 691	26 669	49 578	296 145	3 462 091
Operatives, except transport	3 782 324	708 903	18.7	22 648	5 148	396 548	22 430	21 298	30 288	210 543	3 073 421
Transport equipment operatives	1 721 665	274 139	15.9	11 905	2 830	130 527	7 780	11 331	12 980	96 786	1 447 526
Laborers, except farm	2 090 959	277 922	13.3	9 409	2 375	100 916	7 441	12 733	11 242	133 806	1 813 037
Farm workers	1 376 524	162 141	11.8	5 201	552	39 971	3 124	45 805	3 554	63 934	1 214 383
Service workers, exc. private household	2 183 559	445 665	20.4	18 137	12 717	221 820	11 510	14 052	22 199	145 230	1 737 894
Private household workers	27 451	3 897	14.2	212	79	832	15	290	240	2 229	23 554
HIGH SCHOOL 4 YEARS											
Male employed, 16 years old and over	**15 129 183**	**5 828 172**	**38.5**	**771 428**	**93 330**	**3 254 986**	**567 018**	**173 262**	**257 844**	**710 304**	**9 301 011**
Professional, technical, and kindred workers	1 151 939	614 627	53.4	87 338	23 956	205 185	206 100	7 289	35 115	49 644	537 312
Managers and administrators, exc. farm	1 724 700	631 844	36.6	167 297	10 096	285 925	61 834	16 377	30 419	59 896	1 092 856
Sales workers	1 124 053	368 384	32.8	112 583	5 845	142 405	29 303	8 111	20 702	49 435	755 669
Clerical and kindred workers	1 503 632	522 896	34.8	176 877	7 882	200 526	32 442	9 292	27 063	68 814	980 736
Craftsmen, foremen, and kindred workers	4 008 853	1 947 334	48.6	86 843	12 782	1 458 338	133 255	28 166	56 781	171 169	2 061 519
Operatives, except transport	2 218 446	722 494	32.6	51 802	7 893	446 599	49 669	21 475	31 766	113 290	1 495 952
Transport equipment operatives	892 957	238 005	26.7	24 212	3 982	123 753	13 728	9 507	12 105	50 718	654 952
Laborers, except farm	801 082	208 455	26.0	19 557	3 372	97 256	12 712	9 747	10 462	55 349	592 627
Farm workers	571 688	136 356	23.9	8 553	1 010	41 649	5 263	53 283	3 991	22 607	435 332
Service workers, exc. private household	1 125 935	435 798	38.7	36 203	16 344	252 768	22 668	9 937	29 324	68 554	690 137
Private household workers	5 898	1 979	33.6	163	168	582	44	78	116	828	3 919
COLLEGE 1 TO 3 YEARS											
Male employed, 16 years old and over	**6 226 210**	**2 371 136**	**38.1**	**514 567**	**71 734**	**837 124**	**476 639**	**56 290**	**126 870**	**287 912**	**3 855 074**
Professional, technical, and kindred workers	1 306 937	597 627	45.7	98 219	27 948	133 343	227 461	5 184	32 517	72 955	709 310
Managers and administrators, exc. farm	1 085 011	384 959	35.5	132 672	11 540	114 314	61 087	8 912	21 905	34 529	700 052
Sales workers	757 079	233 267	30.8	84 499	7 346	59 347	32 256	4 737	14 875	30 207	523 812
Clerical and kindred workers	784 086	255 679	32.6	103 791	5 925	63 516	27 639	4 010	13 622	37 176	528 407
Craftsmen, foremen, and kindred workers	894 082	453 397	50.7	34 598	5 403	281 976	75 723	5 974	16 450	33 273	440 685
Operatives, except transport	413 079	146 959	35.6	18 693	2 746	71 585	22 363	4 118	6 880	20 574	266 120
Transport equipment operatives	179 918	50 172	27.9	8 760	1 455	19 257	5 317	2 156	3 517	9 710	129 746
Laborers, except farm	222 963	56 205	25.2	9 205	1 138	18 126	5 856	2 966	3 359	15 555	166 758
Farm workers	143 360	41 779	29.1	5 053	596	10 117	3 237	14 537	1 195	7 044	101 581
Service workers, exc. private household	437 814	150 521	34.4	18 857	7 617	65 457	15 700	3 658	12 514	26 718	287 293
Private household workers	1 881	571	30.4	220	20	86	–	38	36	171	1 310
COLLEGE 4 YEARS OR MORE											
Male employed, 16 years old and over	**6 745 438**	**1 492 459**	**22.1**	**286 227**	**111 716**	**304 749**	**330 433**	**46 026**	**151 137**	**262 171**	**5 252 979**
Professional, technical, and kindred workers	4 005 400	851 345	21.3	116 005	91 313	160 234	223 456	21 857	100 056	138 424	3 154 055
Managers and administrators, exc. farm	1 338 243	274 866	20.5	81 773	8 956	58 514	53 533	8 866	24 179	39 045	1 063 377
Sales workers	570 575	121 275	21.3	42 489	4 190	22 720	16 904	3 547	9 753	21 672	449 300
Clerical and kindred workers	330 207	82 044	24.8	27 006	2 541	15 592	9 887	1 952	6 926	18 140	248 163
Craftsmen, foremen, and kindred workers	214 015	75 385	35.2	7 714	1 441	28 677	17 536	1 483	3 424	15 110	138 630
Operatives, except transport	66 240	23 502	35.5	3 095	622	5 971	3 938	944	1 589	7 343	42 738
Transport equipment operatives	26 494	7 935	30.0	1 054	354	1 436	708	380	519	3 484	18 559
Laborers, except farm	35 248	10 552	29.9	1 151	237	1 791	984	540	615	5 234	24 696
Farm workers	63 996	15 729	24.6	1 405	220	1 981	1 299	5 776	864	4 184	48 267
Service workers, exc. private household	94 479	29 669	31.4	4 512	1 842	7 742	2 188	681	3 169	9 535	64 810
Private household workers	541	157	29.0	23	–	91	–	–	43	–	384

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 to 19 years old	**2 982 983**	**370 396**	**12.4**	**31 472**	**4 217**	**138 958**	**24 590**	**18 837**	**12 732**	**139 590**	**2 612 587**
Professional, technical, and kindred workers	94 615	17 966	19.0	1 408	1 043	3 143	4 545	546	1 286	5 995	76 649
Managers and administrators, exc. farm	36 059	5 576	15.5	1 116	18	1 853	258	254	190	1 887	30 483
Sales workers	232 280	21 947	9.4	3 321	137	5 246	1 244	758	665	10 576	210 333
Clerical and kindred workers	296 836	40 056	13.5	10 451	247	8 523	2 193	985	1 511	16 146	256 780
Craftsmen, foremen, and kindred workers	286 038	65 215	22.8	2 150	195	40 427	3 781	1 611	2 081	14 970	220 823
Operatives, except transport	552 380	74 335	13.5	4 362	215	34 578	4 757	2 920	2 414	25 089	478 045
Transport equipment operatives	138 289	15 989	11.6	1 129	84	6 471	684	884	379	6 358	122 300
Laborers, except farm	614 722	57 037	9.3	4 334	404	18 968	3 667	2 581	1 832	25 251	557 685
Farm workers	172 171	19 419	11.3	361	65	3 629	651	6 565	540	7 608	152 752
Service workers, exc. private household	554 691	52 514	9.5	2 795	1 788	16 028	2 810	1 686	1 804	25 603	502 177
Private household workers	4 902	342	7.0	45	21	92	–	47	30	107	4 560
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 to 19 years old	**1 911 552**	**159 608**	**8.3**	**8 769**	**1 612**	**64 917**	**7 768**	**8 830**	**5 574**	**62 138**	**1 751 944**
Professional, technical, and kindred workers	31 507	4 443	14.1	97	431	914	847	184	391	1 579	27 064
Managers and administrators, exc. farm	15 913	1 699	10.7	255	18	672	25	72	84	573	14 214
Sales workers	155 529	9 859	6.3	1 341	24	2 573	585	307	189	4 840	145 670
Clerical and kindred workers	141 752	11 103	7.8	2 065	98	3 224	526	316	487	4 387	130 649
Craftsmen, foremen, and kindred workers	146 685	23 560	16.1	551	56	15 052	1 283	494	850	5 274	123 125
Operatives, except transport	347 662	33 401	9.6	999	139	16 945	1 181	1 306	1 063	11 768	314 261
Transport equipment operatives	80 394	6 086	7.6	322	–	2 935	271	229	131	2 198	74 308
Laborers, except farm	443 401	30 140	6.8	1 705	121	10 940	1 455	1 395	1 147	13 377	413 261
Farm workers	132 683	10 434	7.9	90	–	2 064	262	3 505	248	4 265	122 249
Service workers, exc. private household	411 960	28 717	7.0	1 344	725	9 576	1 333	975	954	13 810	383 243
Private household workers	4 066	166	4.1	–	–	22	–	47	30	67	3 900
HIGH SCHOOL 4 YEARS											
Male employed, 16 to 19 years old	**847 953**	**173 474**	**20.5**	**18 118**	**2 206**	**67 504**	**13 199**	**8 085**	**5 907**	**58 455**	**674 479**
Professional, technical, and kindred workers	40 667	10 602	26.1	924	452	2 083	3 058	277	651	3 157	30 065
Managers and administrators, exc. farm	15 477	2 971	19.2	572	–	985	137	160	106	1 011	12 506
Sales workers	55 463	9 343	16.8	1 587	84	2 223	485	371	398	4 195	46 120
Clerical and kindred workers	112 881	22 543	20.0	6 914	112	4 665	1 146	495	802	8 409	90 338
Craftsmen, foremen, and kindred workers	121 505	36 944	30.4	1 364	139	23 590	2 119	995	1 057	7 680	84 561
Operatives, except transport	177 311	35 587	20.1	2 760	53	16 311	2 857	1 481	1 199	10 926	141 724
Transport equipment operatives	46 732	8 194	17.5	600	84	3 262	296	517	167	3 268	38 538
Laborers, except farm	139 896	21 775	15.6	2 077	229	7 282	1 670	1 023	541	8 953	118 121
Farm workers	32 524	7 167	22.0	204	43	1 338	271	2 265	269	2 777	25 357
Service workers, exc. private household	104 868	18 194	17.3	1 071	989	5 695	1 160	501	717	8 061	86 674
Private household workers	629	154	24.5	45	21	70	–	–	–	18	475
COLLEGE 1 TO 3 YEARS											
Male employed, 16 to 19 years old	**223 478**	**37 314**	**16.7**	**4 585**	**399**	**6 537**	**3 623**	**1 922**	**1 251**	**18 997**	**186 164**
Professional, technical, and kindred workers	22 441	2 921	13.0	387	160	146	640	85	244	1 259	19 520
Managers and administrators, exc. farm	4 669	906	19.4	289	–	196	96	22	–	303	3 763
Sales workers	21 288	2 745	12.9	393	29	450	174	80	78	1 541	18 543
Clerical and kindred workers	42 203	6 410	15.2	1 472	37	634	521	174	222	3 350	35 793
Craftsmen, foremen, and kindred workers	17 848	4 711	26.4	235	–	1 785	379	122	174	2 016	13 137
Operatives, except transport	27 407	5 347	19.5	603	23	1 322	719	133	152	2 395	22 060
Transport equipment operatives	11 163	1 709	15.3	207	–	274	117	138	81	892	9 454
Laborers, except farm	31 425	5 122	16.3	552	54	746	542	163	144	2 921	26 303
Farm workers	6 964	1 818	26.1	67	22	227	118	795	23	566	5 146
Service workers, exc. private household	37 863	5 603	14.8	380	74	757	317	210	133	3 732	32 260
Private household workers	207	22	...	–	–	–	–	–	–	22	185
COLLEGE 4 YEARS OR MORE											
Male employed, 16 to 19 years old	**698**	**273**	**39.1**	**44**	**19**	**19**	**43**	**–**	**20**	**128**	**425**
Professional, technical, and kindred workers	204	87	...	23	–	–	43	–	–	21	117
Managers and administrators, exc. farm	172	38	...	–	–	–	–	–	20	18	134
Sales workers	53	19	...	–	–	19	–	–	–	–	34
Clerical and kindred workers	79	26	...	–	–	–	–	–	–	26	53
Craftsmen, foremen, and kindred workers	68	42	...	–	–	–	–	–	–	42	26
Operatives, except transport	41	21	...	21	–	–	–	–	–	–	20
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	62	21	...	–	–	–	–	–	–	21	41
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	19	19	...	–	19	–	–	–	–	–	–
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 20 to 24 years old	**4 476 800**	**1 291 735**	**28.9**	**160 388**	**31 077**	**592 079**	**142 464**	**34 271**	**71 079**	**260 377**	**3 185 065**
Professional, technical, and kindred workers	402 263	153 059	38.0	19 948	8 657	30 625	52 809	1 510	8 647	30 863	249 204
Managers and administrators, exc. farm	202 007	60 785	30.1	16 798	1 486	19 120	5 436	2 091	3 649	12 205	141 222
Sales workers	270 359	70 351	26.0	16 919	1 758	22 144	6 227	1 622	4 978	16 703	200 008
Clerical and kindred workers	521 382	143 699	27.6	50 238	3 372	39 019	9 772	2 260	9 145	29 893	377 683
Craftsmen, foremen, and kindred workers	909 550	341 785	37.6	15 688	3 282	229 679	28 700	4 959	13 362	46 115	567 765
Operatives, except transport	886 762	223 423	25.2	15 891	3 054	124 289	18 856	5 956	11 860	43 517	663 339
Transport equipment operatives	300 055	66 091	22.0	6 115	1 202	30 933	4 980	1 979	4 271	16 611	233 964
Laborers, except farm	453 316	93 505	20.6	9 317	1 720	39 199	7 450	3 451	5 546	26 822	359 811
Farm workers	143 061	29 317	20.5	1 547	228	8 471	1 281	8 255	887	8 648	113 744
Service workers, exc. private household	385 253	109 058	28.3	7 863	6 301	48 418	6 912	2 164	8 712	28 688	276 195
Private household workers	2 792	662	23.7	64	17	182	41	24	22	312	2 130
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 20 to 24 years old	**1 113 842**	**219 892**	**19.7**	**11 302**	**3 315**	**110 597**	**10 683**	**5 492**	**12 420**	**66 083**	**893 950**
Professional, technical, and kindred workers	22 452	7 508	33.4	544	344	2 105	1 538	60	579	2 338	14 944
Managers and administrators, exc. farm	27 066	6 565	24.3	601	140	2 712	422	91	313	2 286	20 501
Sales workers	34 234	8 969	26.2	1 195	73	2 978	283	271	693	3 476	25 265
Clerical and kindred workers	58 760	13 959	23.8	3 215	385	4 419	505	219	643	4 573	44 801
Craftsmen, foremen, and kindred workers	250 412	62 066	24.8	1 753	333	38 914	2 915	997	2 813	14 341	188 346
Operatives, except transport	307 278	54 406	17.7	1 888	541	30 294	2 308	1 375	2 998	15 002	252 872
Transport equipment operatives	105 419	16 126	15.3	526	280	7 979	880	409	1 000	5 052	89 293
Laborers, except farm	160 556	23 175	14.4	770	309	10 371	1 000	628	1 535	8 562	137 381
Farm workers	56 614	6 339	11.2	76	–	1 707	118	782	211	3 445	50 275
Service workers, exc. private household	89 683	20 507	22.9	711	893	8 999	699	636	1 613	6 956	69 176
Private household workers	1 368	272	19.9	23	17	119	15	24	22	52	1 096
HIGH SCHOOL 4 YEARS											
Male employed, 20 to 24 years old	**2 019 354**	**720 690**	**35.7**	**86 554**	**14 710**	**381 881**	**72 182**	**18 427**	**38 653**	**108 283**	**1 298 664**
Professional, technical, and kindred workers	129 378	64 341	49.7	8 773	3 534	16 528	23 533	621	3 721	7 631	65 037
Managers and administrators, exc. farm	89 379	30 830	34.5	8 047	562	11 404	2 546	1 053	1 905	5 313	58 549
Sales workers	106 288	33 682	31.7	7 967	737	13 534	3 167	618	2 050	5 609	72 606
Clerical and kindred workers	229 696	78 763	34.3	28 110	1 472	25 638	4 899	1 089	5 401	12 154	150 933
Craftsmen, foremen, and kindred workers	498 462	219 535	44.0	9 555	1 932	157 084	16 470	2 977	8 276	23 241	278 927
Operatives, except transport	446 978	134 757	30.1	9 862	1 781	80 663	11 085	3 463	7 303	20 600	312 221
Transport equipment operatives	134 771	37 745	28.0	4 132	543	19 050	2 954	998	2 233	7 835	97 026
Laborers, except farm	185 385	49 397	26.6	5 085	918	23 659	4 124	1 999	2 696	10 916	135 988
Farm workers	55 960	14 872	26.6	913	116	4 902	542	4 671	484	3 244	41 088
Service workers, exc. private household	142 159	56 441	39.7	4 092	3 115	29 376	2 836	938	4 584	11 500	85 718
Private household workers	898	327	36.4	18	–	43	26	–	–	240	571
COLLEGE 1 TO 3 YEARS											
Male employed, 20 to 24 years old	**1 343 604**	**351 153**	**26.1**	**62 532**	**13 052**	**99 601**	**59 599**	**10 352**	**20 006**	**86 011**	**992 451**
Professional, technical, and kindred workers	250 433	81 210	32.4	10 631	4 779	11 992	27 738	829	4 347	20 894	169 223
Managers and administrators, exc. farm	85 562	23 390	27.3	8 150	784	5 004	2 468	947	1 431	4 606	62 172
Sales workers	129 837	27 700	21.3	7 757	948	5 632	2 777	733	2 235	7 618	102 137
Clerical and kindred workers	232 926	50 977	21.9	18 913	1 515	8 962	4 368	952	3 101	13 166	181 949
Craftsmen, foremen, and kindred workers	160 676	60 184	37.5	4 380	1 017	33 681	9 315	985	2 273	8 533	100 492
Operatives, except transport	132 506	34 260	25.9	4 141	732	13 332	5 463	1 118	1 559	7 915	98 246
Transport equipment operatives	59 865	12 220	20.4	1 457	379	3 904	1 146	572	1 038	3 724	47 645
Laborers, except farm	107 375	20 933	19.5	3 462	493	5 169	2 326	824	1 315	7 344	86 442
Farm workers	30 487	8 106	26.6	558	112	1 862	621	2 802	192	1 959	22 381
Service workers, exc. private household	153 411	32 110	20.9	3 060	2 293	10 043	3 377	590	2 515	10 232	121 301
Private household workers	526	63	12.0	23	–	20	–	–	–	20	463
COLLEGE 4 YEARS OR MORE											
Male employed, 20 to 24 years old	**519 441**	**79 788**	**15.4**	**14 295**	**3 403**	**7 797**	**12 678**	**2 559**	**8 027**	**31 029**	**439 653**
Professional, technical, and kindred workers	324 464	43 325	13.4	5 861	2 327	3 711	9 544	1 267	5 304	15 311	281 139
Managers and administrators, exc. farm	41 392	6 857	16.6	2 228	244	776	421	161	603	2 424	34 535
Sales workers	40 168	6 369	15.9	2 250	160	506	427	212	355	2 459	33 799
Clerical and kindred workers	44 368	7 593	17.1	2 297	198	477	682	129	660	3 150	36 775
Craftsmen, foremen, and kindred workers	17 132	4 743	27.7	440	51	1 203	682	124	193	2 050	12 389
Operatives, except transport	11 534	3 058	26.5	375	66	308	363	87	290	1 569	8 476
Transport equipment operatives	5 934	908	15.3	175	88	43	64	86	18	434	5 026
Laborers, except farm	10 568	2 000	18.9	322	36	247	223	96	103	973	8 568
Farm workers	5 437	1 310	24.1	40	–	40	40	376	50	764	4 127
Service workers, exc. private household	18 425	3 625	19.7	307	233	486	232	21	451	1 895	14 800
Private household workers	19	–	–	–	–	–	–	–	–	–	19

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 25 to 34 years old	**8 560 687**	**2 932 847**	**34.3**	**356 976**	**58 454**	**1 536 484**	**343 010**	**60 328**	**141 491**	**436 104**	**5 627 840**
Professional, technical, and kindred workers	762 724	391 614	51.3	56 019	18 225	107 375	148 004	3 340	21 501	37 150	371 110
Managers and administrators, exc. farm	732 662	243 141	33.2	65 653	5 950	95 576	27 665	5 039	14 057	29 201	489 521
Sales workers	531 096	170 851	32.2	49 252	4 230	60 576	17 658	2 750	10 341	26 044	360 245
Clerical and kindred workers	670 639	233 103	34.8	81 383	5 146	76 232	19 662	3 185	12 760	34 735	437 536
Craftsmen, foremen, and kindred workers	2 276 706	961 199	42.2	40 118	6 823	688 452	74 794	10 483	30 940	109 589	1 315 507
Operatives, except transport	1 488 616	394 750	26.5	25 515	4 759	236 982	26 596	8 739	18 890	73 269	1 093 866
Transport equipment operatives	663 932	143 310	21.6	12 048	2 390	74 282	7 977	4 457	8 321	33 835	520 622
Laborers, except farm	550 682	109 365	19.9	8 193	1 902	47 621	5 308	3 555	6 184	36 602	441 317
Farm workers	276 338	52 668	19.1	2 712	347	16 442	2 353	14 483	1 539	14 792	223 670
Service workers, exc. private household	603 761	231 992	38.4	16 012	8 599	132 840	12 975	4 230	16 902	40 434	371 769
Private household workers	3 531	854	24.2	71	83	106	18	67	56	453	2 677
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 25 to 34 years old	**2 862 469**	**629 561**	**22.0**	**29 204**	**7 278**	**338 697**	**26 153**	**10 086**	**30 019**	**188 124**	**2 232 908**
Professional, technical, and kindred workers	55 410	23 284	42.0	1 930	848	7 225	5 386	135	1 659	6 101	32 126
Managers and administrators, exc. farm	124 485	30 455	24.5	3 619	321	13 529	1 822	538	1 738	8 888	94 030
Sales workers	81 994	22 431	27.4	3 919	272	8 560	691	233	1 081	7 675	59 563
Clerical and kindred workers	119 438	29 602	24.8	5 728	602	9 601	1 104	318	1 495	10 754	89 836
Craftsmen, foremen, and kindred workers	822 846	236 061	28.7	5 264	1 234	158 211	8 098	1 630	8 630	52 994	586 785
Operatives, except transport	684 269	122 031	17.8	3 446	871	67 749	4 666	1 944	6 611	36 744	562 238
Transport equipment operatives	324 583	51 311	15.8	1 805	734	26 233	1 615	1 132	3 025	16 767	273 272
Laborers, except farm	307 262	41 445	13.5	1 212	546	14 983	1 187	1 000	2 046	20 471	265 817
Farm workers	127 688	15 239	11.9	191	42	3 756	266	1 985	449	8 550	112 449
Service workers, exc. private household	212 134	57 384	27.1	2 090	1 808	28 808	1 318	1 126	3 285	18 949	154 750
Private household workers	2 360	318	13.5	–	–	42	–	45	–	231	2 042
HIGH SCHOOL 4 YEARS											
Male employed, 25 to 34 years old	**4 083 832**	**1 629 403**	**39.9**	**192 432**	**27 692**	**947 201**	**164 814**	**37 842**	**74 084**	**185 338**	**2 454 429**
Professional, technical, and kindred workers	318 787	177 368	55.6	23 665	7 198	58 392	63 692	1 799	9 767	12 855	141 419
Managers and administrators, exc. farm	355 852	128 360	36.1	32 706	2 377	58 463	12 512	2 761	6 893	12 648	227 492
Sales workers	256 868	87 288	34.0	23 878	1 726	35 819	7 772	1 586	5 250	11 257	169 580
Clerical and kindred workers	359 148	131 407	36.6	46 180	2 636	48 435	9 366	1 979	6 992	15 819	227 741
Craftsmen, foremen, and kindred workers	1 188 376	584 075	49.1	25 238	3 822	440 503	41 074	7 493	17 331	48 614	604 301
Operatives, except transport	695 692	230 018	33.1	17 473	2 937	145 598	14 884	5 786	10 304	33 036	465 674
Transport equipment operatives	293 554	77 955	26.6	7 647	1 270	42 124	4 604	2 748	4 258	15 304	215 599
Laborers, except farm	204 213	55 302	27.1	4 946	972	27 460	2 907	1 881	3 261	13 875	148 911
Farm workers	119 963	28 510	23.8	1 613	214	9 923	1 330	9 660	807	4 963	91 453
Service workers, exc. private household	290 513	128 802	44.3	9 086	4 477	80 465	6 655	2 149	9 184	16 786	161 711
Private household workers	866	318	36.7	–	63	19	18	–	37	181	548
COLLEGE 1 TO 3 YEARS											
Male employed, 25 to 34 years old	**1 614 386**	**673 883**	**41.7**	**135 340**	**23 484**	**250 586**	**152 043**	**12 400**	**37 388**	**62 642**	**940 503**
Professional, technical, and kindred workers	388 527	190 962	49.2	30 424	10 179	41 758	78 926	1 406	10 075	18 194	197 565
Managers and administrators, exc. farm	252 325	84 326	33.4	29 328	3 252	23 584	13 331	1 740	5 426	7 665	167 999
Sales workers	192 234	61 132	31.8	21 455	2 232	16 197	9 195	931	4 010	7 112	131 102
Clerical and kindred workers	192 053	72 094	37.5	29 475	1 908	18 196	9 192	888	4 273	8 162	119 959
Craftsmen, foremen, and kindred workers	265 484	141 063	53.1	9 616	1 767	89 738	25 622	1 360	4 979	7 981	124 421
Operatives, except transport	108 655	42 701	39.3	4 596	951	23 635	7 046	1 009	1 975	3 489	65 954
Transport equipment operatives	45 795	14 044	30.7	2 596	386	5 925	1 758	577	1 038	1 764	31 751
Laborers, except farm	39 207	12 618	32.2	2 035	384	5 178	1 214	674	877	2 256	26 589
Farm workers	28 687	8 919	31.1	908	91	2 763	757	2 838	283	1 279	19 768
Service workers, exc. private household	101 114	45 806	45.3	4 836	2 314	23 567	5 002	955	4 433	4 699	55 308
Private household workers	305	218	...	71	20	45	–	22	19	41	87
COLLEGE 4 YEARS OR MORE											
Male employed, 25 to 34 years old	**2 106 618**	**398 224**	**18.9**	**77 519**	**30 822**	**71 877**	**86 244**	**12 201**	**40 718**	**78 843**	**1 708 394**
Professional, technical, and kindred workers	1 361 551	240 877	17.7	34 716	24 684	38 912	64 772	6 413	28 569	42 811	1 120 674
Managers and administrators, exc. farm	312 310	52 965	17.0	17 481	2 345	10 022	8 056	1 656	4 452	8 953	259 345
Sales workers	186 000	33 516	18.0	12 017	1 454	6 067	3 783	1 111	2 615	6 469	152 484
Clerical and kindred workers	102 008	24 419	23.9	7 909	1 014	4 159	2 780	464	2 021	6 072	77 589
Craftsmen, foremen, and kindred workers	62 768	20 296	32.3	2 147	457	7 248	4 449	268	940	4 787	42 472
Operatives, except transport	19 193	6 973	36.3	1 022	202	1 749	1 035	178	442	2 345	12 220
Transport equipment operatives	7 159	2 406	33.6	351	81	319	258	25	104	1 268	4 753
Laborers, except farm	9 753	3 130	32.1	301	101	578	247	59	260	1 584	6 623
Farm workers	17 245	4 285	24.8	344	–	383	304	1 791	229	1 234	12 960
Service workers, exc. private household	28 516	9 312	32.7	1 208	484	2 418	560	236	1 086	3 320	19 204
Private household workers	115	45	...	23	–	22	–	–	–	–	70

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 35 to 44 years old	**8 307 217**	**2 905 891**	**35.0**	**330 787**	**45 274**	**1 584 568**	**300 574**	**86 748**	**124 285**	**433 655**	**5 401 326**
Professional, technical, and kindred workers	628 322	339 333	54.0	43 321	11 282	108 325	124 832	3 650	18 040	29 883	288 989
Managers and administrators, exc. farm	945 707	346 450	36.6	81 594	6 440	157 366	40 706	8 710	16 894	34 740	599 257
Sales workers	517 590	175 055	33.8	50 685	3 715	66 948	17 417	4 022	9 174	23 094	342 535
Clerical and kindred workers	589 367	210 373	35.7	63 739	3 102	82 700	15 221	4 049	10 868	30 694	378 994
Craftsmen, foremen, and kindred workers	2 298 889	982 688	42.7	38 542	5 823	722 046	62 088	13 868	29 009	111 312	1 316 201
Operatives, except transport	1 221 837	322 804	26.4	18 567	3 385	193 574	17 707	9 482	13 665	66 424	899 033
Transport equipment operatives	657 265	137 021	20.8	10 537	2 292	69 938	6 080	4 814	7 330	36 030	520 244
Laborers, except farm	491 303	101 148	20.6	6 277	1 186	42 286	3 898	4 308	4 489	38 704	390 155
Farm workers	354 278	74 445	21.0	3 205	547	20 464	2 047	28 976	1 939	17 267	279 833
Service workers, exc. private household	597 706	215 545	36.1	14 183	7 448	120 766	10 578	4 849	12 858	44 863	382 161
Private household workers	4 953	1 029	20.8	137	54	155	–	20	19	644	3 924
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 35 to 44 years old	**3 846 729**	**986 274**	**25.6**	**50 744**	**10 481**	**565 825**	**41 025**	**31 072**	**39 726**	**247 401**	**2 860 455**
Professional, technical, and kindred workers	83 360	38 621	46.3	3 073	1 208	15 313	9 043	724	2 501	6 759	44 739
Managers and administrators, exc. farm	243 521	73 309	30.1	9 338	860	39 664	4 100	2 284	3 890	13 173	170 212
Sales workers	125 729	36 655	29.2	6 507	432	15 787	2 002	908	1 786	9 233	89 074
Clerical and kindred workers	175 159	49 938	28.5	8 682	772	21 161	1 903	1 180	2 519	13 721	125 221
Craftsmen, foremen, and kindred workers	1 151 200	381 883	33.2	9 308	1 832	272 462	13 319	5 711	11 536	67 715	769 317
Operatives, except transport	772 977	158 217	20.5	5 021	1 429	91 888	4 876	4 131	6 383	44 489	614 760
Transport equipment operatives	431 474	71 768	16.6	3 415	747	36 106	2 009	2 323	3 786	23 382	359 706
Laborers, except farm	354 584	56 554	15.9	1 935	552	20 561	1 247	2 289	2 358	27 612	298 030
Farm workers	198 976	31 692	15.9	738	183	8 481	545	9 304	784	11 657	167 284
Service workers, exc. private household	305 904	86 976	28.4	2 675	2 448	44 287	1 981	2 198	4 164	29 223	218 928
Private household workers	3 845	661	17.2	52	18	115	–	20	19	437	3 184
HIGH SCHOOL 4 YEARS											
Male employed, 35 to 44 years old	**3 267 330**	**1 380 711**	**42.3**	**166 107**	**20 189**	**811 081**	**137 854**	**44 356**	**59 252**	**141 872**	**1 886 619**
Professional, technical, and kindred workers	271 604	155 380	57.2	18 771	5 377	56 303	54 021	1 807	8 975	10 126	116 224
Managers and administrators, exc. farm	435 324	169 985	39.0	39 402	2 357	84 306	17 604	4 271	7 790	14 255	265 339
Sales workers	240 633	86 373	35.9	25 373	1 297	36 194	7 146	2 067	4 507	9 789	154 260
Clerical and kindred workers	294 316	111 139	37.8	34 347	1 436	47 033	7 593	2 094	6 254	12 382	183 177
Craftsmen, foremen, and kindred workers	956 651	492 787	51.5	20 857	2 779	379 637	30 966	6 991	13 829	37 728	463 864
Operatives, except transport	388 653	137 433	35.4	9 660	1 618	87 247	9 192	4 622	5 937	19 157	251 220
Transport equipment operatives	197 143	55 440	28.1	5 229	1 104	29 691	3 097	2 245	2 907	11 167	141 703
Laborers, except farm	118 656	37 515	31.6	3 031	509	18 696	2 017	1 543	1 750	9 969	81 141
Farm workers	133 496	35 581	26.7	1 676	266	10 278	1 060	16 662	984	4 655	97 915
Service workers, exc. private household	229 933	98 752	42.9	7 693	3 410	61 656	5 158	2 054	6 319	12 462	131 181
Private household workers	921	326	35.4	68	36	40	–	–	–	182	595
COLLEGE 1 TO 3 YEARS											
Male employed, 35 to 44 years old	**1 193 158**	**538 906**	**45.2**	**113 936**	**14 604**	**207 662**	**121 695**	**11 320**	**25 307**	**44 382**	**654 252**
Professional, technical, and kindred workers	273 358	145 332	53.2	21 477	4 697	36 709	61 768	1 119	6 564	12 998	128 026
Managers and administrators, exc. farm	266 862	103 156	38.7	32 854	3 223	33 396	19 002	2 155	5 214	7 312	163 706
Sales workers	151 228	52 027	34.4	18 805	1 986	14 967	8 269	1 047	2 881	4 072	99 201
Clerical and kindred workers	119 892	49 296	41.1	20 710	894	14 506	5 725	775	2 095	4 591	70 596
Craftsmen, foremen, and kindred workers	191 038	108 018	56.5	8 377	1 212	69 947	17 803	1 166	3 644	5 869	83 020
Operatives, except transport	60 207	27 154	45.1	3 886	338	14 439	3 639	729	1 345	2 778	33 053
Transport equipment operatives	28 648	9 813	34.3	1 893	441	4 141	974	246	637	1 481	18 835
Laborers, except farm	18 063	7 079	39.2	1 311	125	3 029	634	476	381	1 123	10 984
Farm workers	21 806	7 172	32.9	791	98	1 705	442	3 010	171	955	14 634
Service workers, exc. private household	61 869	29 817	48.2	3 815	1 590	14 823	3 439	597	2 375	3 178	32 052
Private household workers	187	42	...	17	–	–	–	–	–	25	145
COLLEGE 4 YEARS OR MORE											
Male employed, 35 to 44 years old	**1 872 343**	**449 709**	**24.0**	**85 767**	**32 225**	**106 948**	**107 937**	**12 941**	**41 070**	**62 821**	**1 422 634**
Professional, technical, and kindred workers	1 082 611	257 697	23.8	33 709	25 570	58 409	73 930	5 983	26 762	33 334	824 914
Managers and administrators, exc. farm	437 637	93 191	21.3	27 303	3 233	23 261	18 285	2 999	7 567	10 543	344 446
Sales workers	161 202	37 124	23.0	12 883	1 573	7 848	5 552	978	2 934	5 356	124 078
Clerical and kindred workers	75 132	21 525	28.6	7 180	690	4 568	2 788	451	1 617	4 231	53 607
Craftsmen, foremen, and kindred workers	58 632	21 152	36.1	2 552	411	8 038	5 346	403	869	3 533	37 480
Operatives, except transport	13 339	5 169	38.8	686	87	1 437	1 033	248	299	1 379	8 170
Transport equipment operatives	5 606	1 895	33.8	146	145	374	155	97	144	834	3 711
Laborers, except farm	5 512	2 183	39.6	216	21	569	119	142	83	1 033	3 329
Farm workers	13 701	3 269	23.9	199	18	364	206	1 536	123	823	10 432
Service workers, exc. private household	18 808	6 457	34.3	893	477	2 057	523	104	648	1 755	12 351
Private household workers	163	47	...	–	–	23	–	–	24	–	116

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 45 to 54 years old	**8 661 541**	**2 998 293**	**34.6**	**345 970**	**40 442**	**1 651 689**	**263 084**	**125 131**	**128 020**	**443 957**	**5 663 248**
Professional, technical, and kindred workers	558 222	299 948	53.7	42 769	8 088	107 029	93 564	4 048	16 747	27 703	258 274
Managers and administrators, exc. farm	1 093 061	404 055	37.0	97 883	6 594	188 031	42 213	11 822	20 261	37 251	689 006
Sales workers	568 688	199 131	35.0	59 015	3 012	77 130	16 389	5 239	11 700	26 646	369 557
Clerical and kindred workers	647 577	228 994	35.4	63 331	3 424	101 152	13 637	5 700	10 804	30 946	418 583
Craftsmen, foremen, and kindred workers	2 325 192	987 380	42.5	34 358	5 902	721 318	60 574	21 360	29 622	114 246	1 337 812
Operatives, except transport	1 246 701	342 740	27.5	16 326	3 216	207 161	16 118	15 012	14 055	70 852	903 961
Transport equipment operatives	598 528	124 267	20.8	7 981	1 456	63 545	4 682	8 096	5 453	33 054	474 261
Laborers, except farm	496 437	103 740	20.9	5 498	1 202	42 339	3 552	7 262	4 568	39 319	392 697
Farm workers	453 674	90 921	20.0	4 004	513	24 269	2 977	37 662	2 329	19 167	362 753
Service workers, exc. private household	667 109	215 592	32.3	14 622	6 989	119 302	9 378	8 858	12 400	44 043	451 517
Private household workers	6 352	1 525	24.0	183	46	413	–	72	81	730	4 827
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 45 to 54 years old	**4 527 082**	**1 205 757**	**26.6**	**61 465**	**12 266**	**696 536**	**48 495**	**66 230**	**47 357**	**273 408**	**3 321 325**
Professional, technical, and kindred workers	98 344	46 509	47.3	3 360	1 348	19 374	10 329	1 060	2 769	8 269	51 835
Managers and administrators, exc. farm	326 031	98 193	30.1	14 032	1 132	54 281	5 470	3 870	4 626	14 782	227 838
Sales workers	160 164	47 367	29.6	9 765	516	20 583	1 896	1 717	2 357	10 533	112 797
Clerical and kindred workers	225 328	63 915	28.4	9 791	743	30 593	2 489	2 281	2 847	15 171	161 413
Craftsmen, foremen, and kindred workers	1 321 416	456 279	34.5	9 825	2 254	326 019	16 262	12 777	14 295	74 847	865 137
Operatives, except transport	859 905	190 959	22.2	5 357	1 374	111 719	5 223	9 449	8 006	49 831	668 946
Transport equipment operatives	428 562	75 367	17.6	2 710	624	37 472	1 778	5 511	3 328	23 944	353 195
Laborers, except farm	385 842	67 664	17.5	1 859	566	25 667	1 386	4 544	2 548	31 094	318 178
Farm workers	298 531	48 321	16.2	919	127	11 499	786	19 807	1 056	14 127	250 210
Service workers, exc. private household	417 938	110 188	26.4	3 766	3 558	59 113	2 876	5 167	5 483	30 225	307 750
Private household workers	5 021	995	19.8	81	24	216	–	47	42	585	4 026
HIGH SCHOOL 4 YEARS											
Male employed, 45 to 54 years old	**3 067 309**	**1 301 762**	**42.4**	**172 221**	**18 128**	**760 562**	**121 437**	**46 776**	**53 751**	**128 887**	**1 765 547**
Professional, technical, and kindred workers	244 491	139 656	57.1	19 293	3 714	55 134	42 972	2 035	7 306	9 202	104 835
Managers and administrators, exc. farm	493 254	195 625	39.7	48 726	3 065	95 345	19 185	5 574	9 079	14 651	297 629
Sales workers	261 494	95 764	36.6	29 021	1 333	40 017	7 083	2 262	5 512	10 536	165 730
Clerical and kindred workers	310 981	117 361	37.7	34 403	1 674	55 244	6 087	2 603	5 386	11 964	193 620
Craftsmen, foremen, and kindred workers	841 427	437 704	52.0	17 655	2 783	334 676	29 468	7 262	11 981	33 879	403 723
Operatives, except transport	336 759	127 780	37.9	7 849	1 285	82 759	7 477	4 795	5 063	18 552	208 979
Transport equipment operatives	148 284	40 987	27.6	3 806	719	22 493	2 038	2 294	1 680	7 957	107 297
Laborers, except farm	95 351	29 468	30.9	2 592	613	14 119	1 441	2 212	1 552	6 939	65 883
Farm workers	129 007	33 454	25.9	1 709	202	10 512	1 361	14 771	1 064	3 835	95 553
Service workers, exc. private household	205 199	83 584	40.7	7 152	2 718	50 087	4 325	2 943	5 089	11 270	121 615
Private household workers	1 062	379	35.7	15	22	176	–	25	39	102	683
COLLEGE 1 TO 3 YEARS											
Male employed, 45 to 54 years old	**1 067 150**	**490 774**	**46.0**	**112 284**	**10 048**	**194 591**	**93 152**	**12 125**	**26 912**	**41 662**	**576 376**
Professional, technical, and kindred workers	215 387	113 783	52.8	20 116	3 026	32 521	40 263	953	6 672	10 232	101 604
Managers and administrators, exc. farm	273 776	110 237	40.3	35 125	2 397	38 405	17 558	2 378	6 556	7 818	163 539
Sales workers	147 030	56 000	38.1	20 229	1 163	16 530	7 410	1 260	3 831	5 577	91 030
Clerical and kindred workers	111 268	47 718	42.9	19 137	1 007	15 315	5 061	816	2 571	3 811	63 550
Craftsmen, foremen, and kindred workers	162 349	93 397	57.5	6 878	865	60 623	14 844	1 321	3 346	5 520	68 952
Operatives, except transport	50 037	24 001	48.0	3 120	557	12 683	3 418	768	986	2 469	26 036
Transport equipment operatives	21 682	7 913	36.5	1 465	113	3 580	866	291	445	1 153	13 769
Laborers, except farm	15 244	6 608	43.3	1 047	23	2 553	725	506	468	1 286	8 636
Farm workers	26 136	9 146	35.0	1 376	184	2 258	830	3 084	209	1 205	16 990
Service workers, exc. private household	43 972	21 820	49.6	3 704	713	10 102	2 177	748	1 828	2 548	22 152
Private household workers	269	151	...	87	–	21	–	–	–	43	118
COLLEGE 4 YEARS OR MORE											
Male employed, 45 to 54 years old	**1 324 673**	**347 715**	**26.2**	**62 781**	**22 498**	**89 504**	**82 303**	**11 095**	**32 802**	**46 732**	**976 958**
Professional, technical, and kindred workers	727 976	189 686	26.1	24 116	18 384	47 057	51 100	5 405	20 035	23 589	538 290
Managers and administrators, exc. farm	337 801	80 305	23.8	21 145	2 199	19 341	18 402	2 631	7 013	9 574	257 496
Sales workers	109 262	27 057	24.8	8 613	534	6 267	4 553	585	2 490	4 015	82 205
Clerical and kindred workers	58 520	16 597	28.4	5 033	371	4 585	1 958	548	1 404	2 698	41 923
Craftsmen, foremen, and kindred workers	43 778	16 780	38.3	1 527	291	7 478	4 026	409	613	2 436	26 998
Operatives, except transport	11 659	4 657	39.9	558	147	1 536	958	165	299	994	7 002
Transport equipment operatives	4 191	1 754	41.9	250	40	509	187	84	110	574	2 437
Laborers, except farm	4 528	1 694	37.4	102	–	267	245	120	74	886	2 834
Farm workers	11 615	3 351	28.9	337	100	648	435	978	140	713	8 264
Service workers, exc. private household	15 258	5 788	37.9	1 100	432	1 770	439	170	624	1 253	9 470
Private household workers	85	46	...	–	–	46	–	–	–	–	39

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 55 to 64 years old	**6 207 571**	**1 612 295**	**26.0**	**239 890**	**22 509**	**777 629**	**127 069**	**47 459**	**66 781**	**330 958**	**4 595 276**
Professional, technical, and kindred workers	325 436	139 190	42.8	28 311	6 694	35 240	40 656	1 678	9 343	17 268	186 246
Managers and administrators, exc. farm	754 278	215 352	28.6	67 250	3 638	78 575	20 478	5 542	10 714	29 155	538 926
Sales workers	420 061	111 474	26.5	41 649	1 661	31 797	8 206	2 383	5 715	20 063	308 587
Clerical and kindred workers	444 026	123 103	27.7	44 575	1 311	41 435	7 290	1 871	4 723	21 898	320 923
Craftsmen, foremen, and kindred workers	1 519 378	510 313	33.6	23 109	2 523	350 101	31 280	7 300	14 993	81 007	1 009 065
Operatives, except transport	873 622	188 904	21.6	10 130	941	106 133	9 006	4 331	6 978	51 385	684 718
Transport equipment operatives	365 568	63 269	17.3	5 854	662	24 756	2 062	2 502	2 625	24 808	302 299
Laborers, except farm	394 773	59 746	15.1	3 094	428	20 912	1 615	3 262	2 045	28 390	335 027
Farm workers	453 233	50 292	11.1	4 065	352	12 471	1 670	13 922	1 011	16 801	402 941
Service workers, exc. private household	650 136	149 228	23.0	11 815	4 299	75 896	4 806	4 492	8 525	39 395	500 908
Private household workers	7 060	1 424	20.2	38	–	313	–	176	109	788	5 636
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 55 to 64 years old	**4 047 717**	**859 986**	**21.2**	**65 828**	**7 640**	**455 715**	**37 678**	**25 840**	**32 068**	**235 217**	**3 187 731**
Professional, technical, and kindred workers	85 966	33 344	38.8	4 274	1 140	11 415	8 047	367	2 429	5 672	52 622
Managers and administrators, exc. farm	313 690	76 369	24.3	15 168	725	35 695	4 863	2 020	3 720	14 178	237 321
Sales workers	176 748	42 171	23.9	11 595	376	14 985	1 595	841	1 864	10 915	134 577
Clerical and kindred workers	215 905	49 083	22.7	11 960	531	19 025	2 296	675	1 752	12 844	166 822
Craftsmen, foremen, and kindred workers	1 076 970	313 584	29.1	8 767	911	215 596	12 850	4 361	9 490	61 609	763 386
Operatives, except transport	689 008	125 917	18.3	4 581	626	69 121	3 538	2 808	4 508	40 735	563 091
Transport equipment operatives	291 407	44 047	15.1	2 543	363	17 120	1 033	1 555	1 543	19 890	247 360
Laborers, except farm	336 849	44 186	13.1	1 109	258	14 733	827	2 095	1 290	23 874	292 663
Farm workers	355 005	32 263	9.1	1 312	159	7 757	731	8 010	565	13 729	322 742
Service workers, exc. private household	500 162	97 962	19.6	4 498	2 551	50 107	1 898	3 001	4 838	31 069	402 200
Private household workers	6 007	1 060	17.6	21	–	161	–	107	69	702	4 947
HIGH SCHOOL 4 YEARS											
Male employed, 55 to 64 years old	**1 543 558**	**528 318**	**34.2**	**107 795**	**7 933**	**254 592**	**50 482**	**15 281**	**21 939**	**70 296**	**1 015 240**
Professional, technical, and kindred workers	118 958	55 433	46.6	12 323	2 396	14 770	16 899	690	3 540	4 815	63 525
Managers and administrators, exc. farm	278 612	87 878	31.5	30 781	1 397	31 022	8 582	2 171	4 126	9 799	190 734
Sales workers	156 647	43 920	28.0	18 594	533	12 315	3 130	1 036	2 384	5 928	112 727
Clerical and kindred workers	161 679	51 137	31.6	21 588	380	17 445	2 762	850	1 872	6 240	110 542
Craftsmen, foremen, and kindred workers	358 585	156 489	43.6	10 198	1 188	110 954	11 757	2 121	3 749	16 522	202 096
Operatives, except transport	155 531	51 558	33.1	3 712	219	31 505	3 681	1 201	1 795	9 445	103 973
Transport equipment operatives	63 646	15 509	24.4	2 307	184	6 408	686	661	841	4 422	48 137
Laborers, except farm	49 118	12 712	25.9	1 398	131	5 132	467	973	595	4 016	36 406
Farm workers	79 308	13 606	17.2	1 747	149	3 931	645	4 494	245	2 395	65 702
Service workers, exc. private household	120 637	39 748	32.9	5 130	1 356	20 958	1 873	1 031	2 752	6 648	80 889
Private household workers	837	328	39.2	17	–	152	–	53	40	66	509
COLLEGE 1 TO 3 YEARS											
Male employed, 55 to 64 years old	**616 296**	**223 991**	**36.3**	**66 267**	**6 936**	**67 322**	**38 909**	**6 338**	**12 774**	**25 445**	**392 305**
Professional, technical, and kindred workers	120 512	50 413	41.8	11 714	3 158	9 055	15 710	621	3 374	6 781	70 099
Managers and administrators, exc. farm	161 976	51 105	31.6	21 301	1 516	11 858	7 033	1 351	2 868	5 178	110 871
Sales workers	86 666	25 383	29.3	11 460	752	4 497	3 481	506	1 467	3 220	61 283
Clerical and kindred workers	66 442	22 883	34.4	11 027	400	4 965	2 232	346	1 099	2 814	43 559
Craftsmen, foremen, and kindred workers	83 823	40 240	48.0	4 144	424	23 551	6 673	818	1 754	2 876	43 583
Operatives, except transport	29 083	11 429	39.3	1 837	96	5 507	1 787	322	675	1 205	17 654
Transport equipment operatives	10 515	3 713	35.3	1 004	115	1 228	343	286	241	496	6 802
Laborers, except farm	8 806	2 848	32.3	587	39	1 047	321	194	160	500	5 958
Farm workers	18 920	4 423	23.4	1 006	44	783	294	1 418	201	677	14 497
Service workers, exc. private household	29 337	11 518	39.3	2 187	392	4 831	1 035	460	935	1 678	17 819
Private household workers	216	36	...	–	–	–	–	16	–	20	180
COLLEGE 4 YEARS OR MORE											
Male employed, 55 to 64 years old	**705 636**	**160 879**	**22.8**	**35 165**	**14 668**	**23 484**	**31 986**	**5 288**	**19 979**	**30 309**	**544 757**
Professional, technical, and kindred workers	381 890	86 482	22.6	13 185	12 937	10 052	19 054	2 216	12 900	16 138	295 408
Managers and administrators, exc. farm	171 730	33 289	19.4	11 217	608	4 350	6 437	1 165	3 801	5 711	138 441
Sales workers	53 974	12 372	22.9	4 865	341	1 558	1 786	474	921	2 427	41 602
Clerical and kindred workers	37 876	8 772	23.2	3 435	232	1 512	1 173	225	781	1 414	29 104
Craftsmen, foremen, and kindred workers	26 179	10 316	39.4	855	211	4 036	2 454	223	759	1 778	15 863
Operatives, except transport	8 534	3 031	35.5	370	120	858	451	205	197	830	5 503
Transport equipment operatives	2 849	763	26.8	110	–	130	44	49	121	309	2 086
Laborers, except farm	3 417	1 039	30.4	192	57	88	150	84	35	433	2 378
Farm workers	10 357	1 997	19.3	286	40	337	183	573	228	350	8 360
Service workers, exc. private household	8 705	2 799	32.2	650	122	563	254	74	217	919	5 906
Private household workers	125	19	...	–	–	–	–	–	19	–	106

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 65 years old and over	**1 788 424**	**408 217**	**22.8**	**83 435**	**8 574**	**148 346**	**25 652**	**10 908**	**16 948**	**114 354**	**1 380 207**
Professional, technical, and kindred workers	98 896	38 040	38.5	10 131	4 063	6 102	6 568	392	3 962	6 822	60 856
Managers and administrators, exc. farm	223 884	55 771	24.9	20 537	1 120	16 512	4 464	1 268	2 040	9 830	168 113
Sales workers	179 620	41 461	23.1	18 434	455	8 839	2 124	651	1 928	9 030	138 159
Clerical and kindred workers	132 922	34 989	26.3	14 903	505	7 946	1 679	499	1 116	8 341	97 933
Craftsmen, foremen, and kindred workers	291 388	94 266	32.4	5 530	584	55 322	5 452	1 228	2 802	23 348	197 122
Operatives, except transport	143 931	31 400	21.8	2 352	217	12 015	1 422	451	1 072	13 871	112 531
Transport equipment operatives	70 903	12 369	17.4	1 213	181	3 612	360	262	223	6 518	58 534
Laborers, except farm	113 771	18 041	15.9	1 458	43	4 973	519	1 027	399	9 622	95 730
Farm workers	238 817	23 214	9.7	2 913	106	5 991	645	3 762	495	9 302	215 603
Service workers, exc. private household	288 652	58 055	20.1	5 907	1 254	26 795	2 419	1 368	2 836	17 476	230 597
Private household workers	5 640	611	10.8	57	46	239	–	–	75	194	5 029
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 65 years old and over	**1 320 439**	**259 288**	**19.6**	**35 611**	**2 891**	**105 356**	**10 984**	**6 580**	**9 458**	**88 408**	**1 061 151**
Professional, technical, and kindred workers	34 563	13 187	38.2	3 072	829	2 965	2 227	161	1 566	2 367	21 376
Managers and administrators, exc. farm	127 241	27 737	21.8	7 849	414	10 241	1 597	562	1 110	5 964	99 504
Sales workers	104 164	21 167	20.3	7 871	84	5 462	654	300	954	5 842	82 997
Clerical and kindred workers	78 689	18 142	23.1	6 511	169	4 942	550	258	499	5 213	60 547
Craftsmen, foremen, and kindred workers	234 677	68 682	29.3	2 586	327	40 777	2 964	699	1 964	19 365	165 995
Operatives, except transport	121 225	23 972	19.8	1 356	168	8 832	638	285	719	11 974	97 253
Transport equipment operatives	59 826	9 434	15.8	584	82	2 682	194	172	167	5 553	50 392
Laborers, except farm	102 465	14 758	14.4	819	23	3 661	339	782	318	8 816	87 707
Farm workers	207 027	17 853	8.6	1 875	41	4 707	416	2 412	241	8 161	189 174
Service workers, exc. private household	245 778	43 931	17.9	3 053	734	20 930	1 405	949	1 862	14 998	201 847
Private household workers	4 784	425	8.9	35	20	157	–	–	58	155	4 359
HIGH SCHOOL 4 YEARS											
Male employed, 65 years old and over	**299 847**	**93 814**	**31.3**	**28 201**	**2 472**	**32 165**	**7 050**	**2 495**	**4 258**	**17 173**	**206 033**
Professional, technical, and kindred workers	28 054	11 847	42.2	3 589	1 285	1 975	1 925	60	1 155	1 858	16 207
Managers and administrators, exc. farm	56 802	16 195	28.5	7 063	338	4 400	1 268	387	520	2 219	40 607
Sales workers	46 660	12 014	25.7	6 163	135	2 303	520	171	601	2 121	34 646
Clerical and kindred workers	34 931	10 546	30.2	5 335	172	2 066	589	182	356	1 846	24 385
Craftsmen, foremen, and kindred workers	43 847	19 800	45.2	1 976	139	11 894	1 401	327	558	3 505	24 047
Operatives, except transport	17 522	5 361	30.6	486	–	2 516	493	127	165	1 574	12 161
Transport equipment operatives	8 827	2 175	24.6	491	78	725	53	44	19	765	6 652
Laborers, except farm	8 463	2 286	27.0	428	–	908	86	116	67	681	6 177
Farm workers	21 430	3 166	14.8	691	20	765	54	760	138	738	18 264
Service workers, exc. private household	32 626	10 277	31.5	1 979	279	4 531	661	321	679	1 827	22 349
Private household workers	685	147	21.5	–	26	82	–	–	–	39	538
COLLEGE 1 TO 3 YEARS											
Male employed, 65 years old and over	**168 138**	**55 115**	**32.8**	**19 623**	**3 211**	**10 825**	**7 618**	**1 833**	**3 232**	**8 773**	**113 023**
Professional, technical, and kindred workers	36 279	13 006	35.8	3 470	1 949	1 162	2 416	171	1 241	2 597	23 273
Managers and administrators, exc. farm	39 841	11 839	29.7	5 625	368	1 871	1 599	319	410	1 647	28 002
Sales workers	28 796	8 280	28.8	4 400	236	1 074	950	180	373	1 067	20 516
Clerical and kindred workers	19 302	6 301	32.6	3 057	164	938	540	59	261	1 282	13 001
Craftsmen, foremen, and kindred workers	12 864	5 784	45.0	968	118	2 651	1 087	202	280	478	7 080
Operatives, except transport	5 184	2 067	39.9	510	49	667	291	39	188	323	3 117
Transport equipment operatives	2 250	760	33.8	138	21	205	113	46	37	200	1 490
Laborers, except farm	2 843	997	35.1	211	20	404	94	129	14	125	1 846
Farm workers	10 360	2 195	21.2	347	45	519	175	590	116	403	8 165
Service workers, exc. private household	10 248	3 847	37.5	875	241	1 334	353	98	295	651	6 401
Private household workers	171	39	...	22	–	–	–	–	17	–	132
COLLEGE 4 YEARS OR MORE											
Male employed, 65 years old and over	**216 029**	**55 871**	**25.9**	**10 656**	**8 081**	**5 120**	**9 242**	**1 942**	**8 521**	**12 309**	**160 158**
Professional, technical, and kindred workers	126 704	33 191	26.2	4 395	7 411	2 093	5 013	573	6 486	7 220	93 513
Managers and administrators, exc. farm	37 201	8 221	22.1	2 399	327	764	1 932	254	723	1 822	28 980
Sales workers	19 916	4 818	24.2	1 861	128	455	803	187	438	946	15 098
Clerical and kindred workers	12 224	3 112	25.5	1 152	36	291	506	135	443	549	9 112
Craftsmen, foremen, and kindred workers	5 458	2 056	37.7	193	20	674	579	56	50	484	3 402
Operatives, except transport	1 940	593	30.6	63	–	83	98	61	62	226	1 347
Transport equipment operatives	755	209	27.7	22	–	61	–	39	22	65	546
Laborers, except farm	1 408	485	34.4	18	22	42	–	39	60	304	923
Farm workers	5 641	1 517	26.9	199	62	209	131	522	94	300	4 124
Service workers, exc. private household	4 748	1 669	35.2	354	75	448	180	76	143	393	3 079
Private household workers	34	–	–	–	–	–	–	–	–	–	34

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 years old and over	**25 913 340**	**7 320 833**	**28.3**	**3 149 625**	**1 396 305**	**961 234**	**48 062**	**105 489**	**202 889**	**1 457 229**	**18 592 507**
Professional, technical, and kindred workers	2 125 260	1 111 125	52.3	164 785	683 182	40 115	18 545	9 136	46 698	148 664	1 014 135
Managers and administrators, exc. farm	911 101	258 614	28.4	144 319	24 954	30 273	2 571	6 352	10 892	39 253	652 487
Sales workers	2 069 963	437 710	21.1	197 051	28 183	56 316	2 651	7 715	17 660	128 134	1 632 253
Clerical and kindred workers	9 768 897	3 113 806	31.9	2 273 253	129 063	171 350	10 092	22 054	58 102	449 892	6 655 091
Craftsmen, foremen, and kindred workers	504 871	123 482	24.5	30 759	8 171	44 581	3 271	3 915	5 683	27 102	381 389
Operatives, except transport	4 016 430	586 711	14.6	129 250	37 383	140 434	5 172	19 732	19 307	235 433	3 429 719
Transport equipment operatives	132 547	26 957	20.3	7 545	2 236	5 866	246	632	910	9 522	105 590
Laborers, except farm	277 990	42 574	15.3	10 799	4 068	7 727	415	1 224	1 760	16 581	235 416
Farm workers	228 245	35 277	15.5	7 918	2 741	3 880	209	2 956	1 016	16 557	192 968
Service workers, exc. private household	4 754 542	1 432 587	30.1	161 243	449 905	445 159	4 580	26 340	36 083	309 277	3 321 955
Private household workers	1 123 494	151 990	13.5	22 703	26 419	15 533	310	5 433	4 778	76 814	971 504
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 years old and over	**10 054 124**	**1 800 236**	**17.9**	**471 527**	**270 886**	**325 328**	**8 187**	**39 439**	**46 491**	**638 378**	**8 253 888**
Professional, technical, and kindred workers	299 152	116 146	38.8	17 029	56 655	7 525	1 486	2 068	5 469	25 914	183 006
Managers and administrators, exc. farm	273 049	53 644	19.6	22 171	4 309	9 338	359	1 997	1 884	13 586	219 405
Sales workers	841 222	126 232	15.0	43 055	5 915	17 223	488	2 419	3 946	53 186	714 990
Clerical and kindred workers	1 865 913	489 202	26.2	292 792	17 395	32 993	1 241	4 145	8 547	132 089	1 376 711
Craftsmen, foremen, and kindred workers	253 861	44 613	17.6	7 070	2 203	17 466	563	1 357	1 817	14 137	209 248
Operatives, except transport	2 617 601	291 264	11.1	35 374	15 714	72 572	1 990	8 707	8 472	148 435	2 326 337
Transport equipment operatives	65 359	10 136	15.5	1 710	831	2 424	68	307	361	4 435	55 223
Laborers, except farm	169 211	17 884	10.6	2 557	1 269	3 392	113	483	724	9 346	151 327
Farm workers	151 322	15 525	10.3	1 540	841	1 389	77	1 379	300	9 999	135 797
Service workers, exc. private household	2 629 979	539 438	20.5	40 723	150 848	151 168	1 607	13 275	12 355	169 462	2 090 541
Private household workers	887 455	96 152	10.8	7 506	14 906	9 838	195	3 302	2 616	57 789	791 303
HIGH SCHOOL 4 YEARS											
Female employed, 16 years old and over	**11 899 881**	**3 984 345**	**33.5**	**1 999 715**	**677 356**	**539 888**	**23 309**	**50 500**	**95 513**	**598 064**	**7 915 536**
Professional, technical, and kindred workers	888 523	509 065	57.3	88 969	323 434	20 305	8 176	4 129	18 023	46 029	379 458
Managers and administrators, exc. farm	452 306	140 750	31.1	85 485	11 698	16 069	1 365	3 003	4 951	18 179	311 556
Sales workers	951 464	235 679	24.8	116 254	14 205	33 338	1 275	3 888	8 248	58 471	715 785
Clerical and kindred workers	5 986 664	1 961 799	32.8	1 487 089	71 401	114 658	5 616	12 676	32 535	237 824	4 024 865
Craftsmen, foremen, and kindred workers	207 648	62 237	30.0	18 260	4 112	22 615	1 858	1 904	2 725	10 763	145 411
Operatives, except transport	1 284 991	260 575	20.3	80 588	17 646	61 400	2 412	9 827	8 712	79 990	1 024 416
Transport equipment operatives	57 707	14 096	24.4	4 700	1 087	2 988	118	279	427	4 497	43 611
Laborers, except farm	93 689	20 242	21.6	6 799	2 220	3 598	209	664	663	6 089	73 447
Farm workers	62 095	14 911	24.0	4 755	1 188	2 165	121	1 299	363	5 020	47 184
Service workers, exc. private household	1 716 907	719 439	41.9	95 409	221 541	257 824	2 063	11 013	17 407	114 182	997 468
Private household workers	197 887	45 552	23.0	11 407	8 824	4 928	96	1 818	1 459	17 020	152 335
COLLEGE 1 TO 3 YEARS											
Female employed, 16 years old and over	**3 959 335**	**1 536 252**	**38.8**	**678 383**	**448 063**	**96 018**	**16 566**	**15 550**	**60 885**	**220 787**	**2 423 083**
Professional, technical, and kindred workers	937 585	485 914	51.8	58 787	303 093	12 285	8 883	2 939	23 206	76 721	451 671
Managers and administrators, exc. farm	185 746	64 220	34.6	36 663	8 947	4 866	847	1 352	4 057	7 488	121 526
Sales workers	277 277	75 799	27.3	37 742	8 063	5 755	888	1 408	5 466	16 477	201 478
Clerical and kindred workers	1 916 320	662 805	34.6	493 372	40 267	23 699	3 235	5 233	17 020	79 979	1 253 515
Craftsmen, foremen, and kindred workers	43 362	16 632	38.4	5 429	1 856	4 500	850	654	1 141	2 202	26 730
Operatives, except transport	113 838	34 872	30.6	13 288	4 023	6 462	770	1 198	2 123	7 008	78 966
Transport equipment operatives	9 481	2 725	28.7	1 135	318	454	60	46	122	590	6 756
Laborers, except farm	15 090	4 448	29.5	1 443	579	737	93	77	373	1 146	10 642
Farm workers	14 828	4 841	32.6	1 623	712	326	11	278	353	1 538	9 987
Service workers, exc. private household	407 656	173 710	42.6	25 111	77 516	36 167	910	2 052	6 321	25 633	233 946
Private household workers	38 152	10 286	27.0	3 790	2 689	767	19	313	703	2 005	27 866
COLLEGE 4 YEARS OR MORE											
Female employed, 16 years old and over	**3 161 170**	**632 384**	**20.0**	**122 207**	**163 619**	**22 024**	**11 484**	**27 453**	**112 633**	**172 964**	**2 528 786**
Professional, technical, and kindred workers	2 450 730	449 957	18.4	61 593	139 977	13 918	8 885	21 401	93 595	110 588	2 000 773
Managers and administrators, exc. farm	149 975	30 691	20.5	9 660	7 224	1 374	767	1 259	4 134	6 273	119 284
Sales workers	72 546	18 673	25.7	4 871	1 661	773	370	768	1 831	8 399	53 873
Clerical and kindred workers	380 930	95 488	25.1	42 294	6 965	2 348	911	2 187	8 836	31 947	285 442
Craftsmen, foremen, and kindred workers	12 777	3 507	27.4	732	276	466	180	291	530	1 032	9 270
Operatives, except transport	19 315	6 784	35.1	735	416	653	107	238	1 146	3 489	12 531
Transport equipment operatives	1 351	424	31.4	76	59	23	–	–	65	201	927
Laborers, except farm	2 395	561	23.4	20	77	81	11	39	37	296	1 834
Farm workers	5 006	1 557	31.1	118	144	133	37	205	204	716	3 449
Service workers, exc. private household	57 658	22 090	38.3	1 821	6 305	2 151	197	768	1 826	9 022	35 568
Private household workers	8 487	2 652	31.2	287	515	104	19	297	429	1 001	5 835

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 to 19 years old	**2 332 434**	**406 106**	**17.4**	**184 822**	**43 655**	**45 298**	**2 668**	**8 345**	**12 021**	**109 297**	**1 926 328**
Professional, technical, and kindred workers	84 047	18 599	22.1	3 941	6 781	890	627	242	1 187	4 931	65 448
Managers and administrators, exc. farm	12 068	2 620	21.7	1 247	124	244	60	64	170	711	9 448
Sales workers	292 631	29 936	10.2	11 701	1 728	2 985	87	832	1 459	11 144	262 695
Clerical and kindred workers	1 036 834	223 305	21.5	143 982	7 178	9 805	990	2 324	5 313	53 713	813 529
Craftsmen, foremen, and kindred workers	20 733	3 573	17.2	881	214	973	109	213	102	1 081	17 160
Operatives, except transport	192 866	22 714	11.8	7 632	1 086	4 095	263	1 225	909	7 504	170 152
Transport equipment operatives	5 518	719	13.0	230	18	145	20	67	73	166	4 799
Laborers, except farm	32 749	3 168	9.7	896	115	470	34	72	133	1 448	29 581
Farm workers	20 867	2 059	9.9	488	96	211	21	370	44	829	18 808
Service workers, exc. private household	545 761	94 256	17.3	11 994	25 753	25 035	457	2 444	2 463	26 110	451 505
Private household workers	88 360	5 157	5.8	1 830	562	445	–	492	168	1 660	83 203
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 to 19 years old	**1 111 659**	**108 547**	**9.8**	**39 336**	**10 644**	**12 421**	**788**	**4 045**	**3 425**	**37 888**	**1 003 112**
Professional, technical, and kindred workers	25 982	3 496	13.5	702	686	219	122	90	422	1 255	22 486
Managers and administrators, exc. farm	3 507	381	10.9	120	40	61	19	18	23	100	3 126
Sales workers	178 338	12 372	6.9	4 972	492	1 056	19	491	463	4 879	165 966
Clerical and kindred workers	333 484	44 505	13.3	25 068	1 200	1 611	266	673	1 169	14 518	288 979
Craftsmen, foremen, and kindred workers	9 344	885	9.5	147	45	359	–	64	59	211	8 459
Operatives, except transport	105 343	7 812	7.4	2 186	285	1 480	146	435	285	2 995	97 531
Transport equipment operatives	3 501	333	9.5	97	18	89	–	42	41	46	3 168
Laborers, except farm	21 960	1 399	6.4	173	19	344	15	20	47	781	20 561
Farm workers	16 796	1 041	6.2	230	59	85	21	252	22	372	15 755
Service workers, exc. private household	341 945	33 293	9.7	4 680	7 421	6 866	180	1 588	812	11 746	308 652
Private household workers	71 459	3 030	4.2	961	379	251	–	372	82	985	68 429
HIGH SCHOOL 4 YEARS											
Female employed, 16 to 19 years old	**991 811**	**250 082**	**25.2**	**126 160**	**25 800**	**30 264**	**1 370**	**3 692**	**7 073**	**55 723**	**741 729**
Professional, technical, and kindred workers	37 546	10 735	28.6	2 660	4 321	524	306	113	530	2 281	26 811
Managers and administrators, exc. farm	6 598	1 829	27.7	899	63	165	21	46	123	512	4 769
Sales workers	87 976	14 335	16.3	5 664	936	1 758	33	272	790	4 882	73 641
Clerical and kindred workers	579 312	151 558	26.2	103 305	4 758	7 318	577	1 363	3 474	30 763	427 754
Craftsmen, foremen, and kindred workers	9 842	2 267	23.0	618	131	600	80	149	21	668	7 575
Operatives, except transport	81 206	13 470	16.6	5 022	671	2 373	117	745	603	3 939	67 736
Transport equipment operatives	1 548	349	22.5	133	–	56	20	25	18	97	1 199
Laborers, except farm	9 184	1 484	16.2	683	67	109	–	52	43	530	7 700
Farm workers	3 578	925	25.9	249	37	126	–	118	22	373	2 653
Service workers, exc. private household	161 208	51 434	31.9	6 231	14 671	17 041	216	709	1 363	11 203	109 774
Private household workers	13 813	1 696	12.3	696	145	194	–	100	86	475	12 117
COLLEGE 1 TO 3 YEARS											
Female employed, 16 to 19 years old	**228 964**	**47 477**	**20.7**	**19 326**	**7 211**	**2 613**	**510**	**608**	**1 523**	**15 686**	**181 487**
Professional, technical, and kindred workers	20 519	4 368	21.3	579	1 774	147	199	39	235	1 395	16 151
Managers and administrators, exc. farm	1 963	410	20.9	228	21	18	20	–	24	99	1 553
Sales workers	26 317	3 229	12.3	1 065	300	171	35	69	206	1 383	23 088
Clerical and kindred workers	124 038	27 242	22.0	15 609	1 220	876	147	288	670	8 432	96 796
Craftsmen, foremen, and kindred workers	1 547	421	27.2	116	38	14	29	–	22	202	1 126
Operatives, except transport	6 317	1 432	22.7	424	130	242	–	45	21	570	4 885
Transport equipment operatives	469	37	7.9	–	–	–	–	–	14	23	432
Laborers, except farm	1 605	285	17.8	40	29	17	19	–	43	137	1 320
Farm workers	493	93	18.9	9	–	–	–	–	–	84	400
Service workers, exc. private household	42 608	9 529	22.4	1 083	3 661	1 128	61	147	288	3 161	33 079
Private household workers	3 088	431	14.0	173	38	–	–	20	–	200	2 657
COLLEGE 4 YEARS OR MORE											
Female employed, 16 to 19 years old	**877**	**173**	**19.7**	**25**	**41**	**43**	–	–	–	**64**	**704**
Professional, technical, and kindred workers	420	40	9.5	–	18	22	–	–	–	–	380
Managers and administrators, exc. farm	63	39	...	–	–	21	–	–	–	18	24
Sales workers	–	–	–	–	–	–	–	–	–	–	–
Clerical and kindred workers	251	71	...	25	–	–	–	–	–	46	180
Craftsmen, foremen, and kindred workers	24	–	–	–	–	–	–	–	–	–	24
Operatives, except transport	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	23	–	–	–	–	–	–	–	–	–	23
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	32	–	–	–	–	–	–	–	–	–	32
Service workers, exc. private household	64	23	...	–	23	–	–	–	–	–	41
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 20 to 24 years old	**3 814 256**	**1 240 568**	**32.5**	**541 638**	**237 163**	**184 657**	**8 492**	**13 972**	**32 507**	**222 139**	**2 573 688**
Professional, technical, and kindred workers	349 380	178 294	51.0	19 244	113 211	5 832	3 707	1 002	5 857	29 441	171 086
Managers and administrators, exc. farm	55 376	16 851	30.4	8 024	1 000	2 428	119	255	962	4 063	38 525
Sales workers	206 659	47 486	23.0	16 533	3 273	7 394	258	1 117	1 949	16 962	159 173
Clerical and kindred workers	1 958 705	615 526	31.4	444 577	27 485	36 927	2 077	4 298	12 904	87 258	1 343 179
Craftsmen, foremen, and kindred workers	52 539	15 282	29.1	3 383	1 386	5 181	564	459	665	3 644	37 257
Operatives, except transport	453 141	76 896	17.0	21 397	5 339	16 298	729	3 553	2 715	26 865	376 245
Transport equipment operatives	10 738	2 502	23.3	671	118	435	22	–	54	1 202	8 236
Laborers, except farm	37 124	7 769	20.9	2 219	745	1 651	131	233	437	2 353	29 355
Farm workers	17 637	3 442	19.5	478	331	329	13	104	36	2 151	14 195
Service workers, exc. private household	609 619	264 190	43.3	22 204	82 442	107 050	803	2 358	6 498	42 835	345 429
Private household workers	63 338	12 330	19.5	2 908	1 833	1 132	69	593	430	5 365	51 008
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 20 to 24 years old	**586 587**	**122 835**	**20.9**	**26 974**	**14 492**	**26 622**	**507**	**2 830**	**3 697**	**47 713**	**463 752**
Professional, technical, and kindred workers	17 247	6 148	35.6	624	2 070	438	124	34	310	2 548	11 099
Managers and administrators, exc. farm	6 389	1 689	26.4	518	88	301	–	–	114	668	4 700
Sales workers	32 276	6 903	21.4	1 147	252	1 141	–	257	253	3 853	25 373
Clerical and kindred workers	122 459	36 984	30.2	18 004	1 447	2 684	68	330	814	13 637	85 475
Craftsmen, foremen, and kindred workers	14 306	3 031	21.2	351	133	1 310	–	51	59	1 127	11 275
Operatives, except transport	186 987	21 123	11.3	3 086	1 361	4 697	130	1 027	768	10 054	165 864
Transport equipment operatives	3 553	519	14.6	75	23	205	–	–	21	195	3 034
Laborers, except farm	13 194	1 637	12.4	232	75	488	19	70	71	682	11 557
Farm workers	9 886	1 042	10.5	40	46	52	13	59	20	812	8 844
Service workers, exc. private household	149 684	39 863	26.6	2 468	8 493	15 013	109	734	1 082	11 964	109 821
Private household workers	30 606	3 896	12.7	429	504	293	44	268	185	2 173	26 710
HIGH SCHOOL 4 YEARS											
Female employed, 20 to 24 years old	**2 075 189**	**756 059**	**36.4**	**363 510**	**122 030**	**132 534**	**4 235**	**7 605**	**17 015**	**109 130**	**1 319 130**
Professional, technical, and kindred workers	121 345	74 495	61.4	9 754	48 800	3 066	1 652	504	2 146	8 573	46 850
Managers and administrators, exc. farm	28 805	9 852	34.2	5 068	596	1 519	62	103	391	2 113	18 953
Sales workers	99 680	27 334	27.4	10 715	1 612	5 171	138	421	772	8 505	72 346
Clerical and kindred workers	1 200 339	402 118	33.5	300 717	16 005	27 655	1 153	2 357	7 610	46 621	798 221
Craftsmen, foremen, and kindred workers	28 997	9 445	32.6	2 604	833	3 112	334	279	354	1 929	19 552
Operatives, except transport	238 124	49 184	20.7	15 870	3 410	10 539	343	2 340	1 603	15 079	188 940
Transport equipment operatives	5 160	1 578	30.6	456	95	202	–	–	33	792	3 582
Laborers, except farm	18 635	4 645	24.9	1 459	596	871	98	148	240	1 233	13 990
Farm workers	5 855	1 820	31.1	349	223	277	–	18	16	937	4 035
Service workers, exc. private household	304 436	168 658	55.4	14 572	48 950	79 461	430	1 160	3 644	20 441	135 778
Private household workers	23 813	6 930	29.1	1 946	910	661	25	275	206	2 907	16 883
COLLEGE 1 TO 3 YEARS											
Female employed, 20 to 24 years old	**1 152 480**	**361 674**	**31.4**	**151 154**	**100 641**	**25 501**	**3 750**	**3 537**	**11 795**	**65 296**	**790 806**
Professional, technical, and kindred workers	210 788	97 651	46.3	8 866	62 341	2 328	1 931	464	3 401	18 320	113 137
Managers and administrators, exc. farm	20 182	5 310	26.3	2 438	316	608	57	152	457	1 282	14 872
Sales workers	74 703	13 249	17.7	4 671	1 409	1 082	120	439	924	4 604	61 454
Clerical and kindred workers	635 907	176 424	27.7	125 856	10 033	6 588	856	1 611	4 480	27 000	459 483
Craftsmen, foremen, and kindred workers	9 236	2 806	30.4	428	420	759	230	129	252	588	6 430
Operatives, except transport	28 030	6 589	23.5	2 441	568	1 062	256	186	344	1 732	21 441
Transport equipment operatives	2 025	405	20.0	140	–	28	22	–	–	215	1 620
Laborers, except farm	5 295	1 487	28.1	528	74	292	14	15	126	438	3 808
Farm workers	1 896	580	30.6	89	62	–	–	27	–	402	1 316
Service workers, exc. private household	155 499	55 669	35.8	5 164	24 999	12 576	264	464	1 772	10 430	99 830
Private household workers	8 919	1 504	16.9	533	419	178	–	50	39	285	7 415
COLLEGE 4 YEARS OR MORE											
Female employed, 20 to 24 years old	**561 235**	**81 224**	**14.5**	**11 179**	**18 464**	**2 489**	**1 477**	**3 090**	**15 518**	**29 007**	**480 011**
Professional, technical, and kindred workers	428 102	58 074	13.6	5 001	16 584	1 281	1 135	2 398	13 390	18 285	370 028
Managers and administrators, exc. farm	12 843	1 515	11.8	602	145	19	26	37	97	589	11 328
Sales workers	13 686	2 665	19.5	427	160	54	22	132	206	1 664	11 021
Clerical and kindred workers	84 713	13 314	15.7	4 758	461	480	243	303	1 364	5 705	71 399
Craftsmen, foremen, and kindred workers	1 684	388	23.0	117	20	102	17	–	19	113	1 296
Operatives, except transport	2 939	694	23.6	43	20	37	–	22	21	551	2 245
Transport equipment operatives	238	52	...	–	–	–	–	–	26	26	186
Laborers, except farm	650	189	29.1	20	–	–	11	20	–	138	461
Farm workers	400	157	39.3	19	21	23	–	–	18	76	243
Service workers, exc. private household	15 182	4 124	27.2	192	1 053	493	23	162	377	1 824	11 058
Private household workers	798	52	6.5	–	–	–	–	16	–	36	746

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 25 to 34 years old	**4 525 629**	**1 439 436**	**31.8**	**586 234**	**308 464**	**189 531**	**10 531**	**18 318**	**34 941**	**291 417**	**3 086 193**
Professional, technical, and kindred workers	443 790	254 520	57.4	30 426	168 048	7 452	4 911	1 705	7 371	34 607	189 270
Managers and administrators, exc. farm	120 598	35 943	29.8	18 896	2 824	4 128	433	697	1 426	7 539	84 655
Sales workers	251 053	67 940	27.1	26 697	4 894	8 825	297	1 161	2 298	23 768	183 113
Clerical and kindred workers	1 824 107	598 816	32.8	428 938	27 716	36 210	1 809	4 541	11 124	88 478	1 225 291
Craftsmen, foremen, and kindred workers	91 371	25 053	27.4	6 522	1 521	9 023	1 022	695	979	5 291	66 318
Operatives, except transport	772 186	123 445	16.0	31 447	8 789	24 960	1 009	4 318	3 228	49 694	648 741
Transport equipment operatives	32 988	6 998	21.2	2 111	554	1 562	100	127	165	2 379	25 990
Laborers, except farm	48 797	8 663	17.8	2 281	973	1 527	102	317	327	3 136	40 134
Farm workers	36 428	6 242	17.1	1 270	419	731	64	460	150	3 148	30 186
Service workers, exc. private household	778 425	287 954	37.0	33 474	89 620	93 472	744	3 495	7 450	59 699	490 471
Private household workers	125 886	23 862	19.0	4 172	3 106	1 641	40	802	423	13 678	102 024
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 25 to 34 years old	**1 325 298**	**258 495**	**19.5**	**56 212**	**35 132**	**48 037**	**970**	**5 228**	**6 282**	**106 634**	**1 066 803**
Professional, technical, and kindred workers	40 008	15 476	38.7	1 747	6 530	787	164	317	693	5 238	24 532
Managers and administrators, exc. farm	23 417	5 145	22.0	1 649	210	781	81	205	144	2 075	18 272
Sales workers	71 211	15 421	21.7	3 195	835	2 179	13	231	371	8 597	55 790
Clerical and kindred workers	231 523	65 264	28.2	33 708	2 255	4 680	105	557	1 328	22 631	166 259
Craftsmen, foremen, and kindred workers	38 030	6 861	18.0	1 233	232	2 529	120	146	251	2 350	31 169
Operatives, except transport	434 349	49 052	11.3	6 918	3 282	9 796	243	1 682	1 256	25 875	385 297
Transport equipment operatives	13 593	2 098	15.4	259	190	493	16	20	38	1 082	11 495
Laborers, except farm	25 834	2 679	10.4	484	180	417	37	117	133	1 311	23 155
Farm workers	21 232	2 395	11.3	125	55	163	20	188	45	1 799	18 837
Service workers, exc. private household	344 742	82 204	23.8	6 165	20 018	25 419	153	1 381	1 881	27 187	262 538
Private household workers	81 359	11 900	14.6	729	1 345	793	18	384	142	8 489	69 459
HIGH SCHOOL 4 YEARS											
Female employed, 25 to 34 years old	**2 450 110**	**850 923**	**34.7**	**397 682**	**157 790**	**120 236**	**5 756**	**10 331**	**18 896**	**140 232**	**1 599 187**
Professional, technical, and kindred workers	194 809	116 284	59.7	16 939	78 128	4 409	2 325	834	2 826	10 823	78 525
Managers and administrators, exc. farm	67 802	21 308	31.4	12 159	1 488	2 559	223	283	779	3 817	46 494
Sales workers	143 529	40 585	28.3	17 892	2 630	5 499	201	727	1 339	12 297	102 944
Clerical and kindred workers	1 230 665	400 916	32.6	297 052	15 837	25 793	1 146	2 944	7 165	50 979	829 749
Craftsmen, foremen, and kindred workers	43 855	14 348	32.7	4 009	931	5 397	609	454	464	2 484	29 507
Operatives, except transport	314 308	66 483	21.2	20 951	4 581	13 618	680	2 360	1 671	22 622	247 825
Transport equipment operatives	17 229	4 369	25.4	1 580	296	1 035	66	85	108	1 199	12 860
Laborers, except farm	20 085	5 102	25.4	1 583	551	1 006	46	177	112	1 627	14 983
Farm workers	13 243	2 997	22.6	841	244	468	44	254	44	1 102	10 246
Service workers, exc. private household	365 805	168 155	46.0	21 896	51 698	59 684	394	1 820	4 174	28 489	197 650
Private household workers	38 780	10 376	26.8	2 780	1 406	768	22	393	214	4 793	28 404
COLLEGE 1 TO 3 YEARS											
Female employed, 25 to 34 years old	**750 221**	**330 018**	**44.0**	**132 340**	**115 542**	**21 258**	**3 805**	**2 759**	**9 763**	**44 551**	**420 203**
Professional, technical, and kindred workers	208 973	122 760	58.7	11 740	83 390	2 256	2 422	554	3 852	18 546	86 213
Managers and administrators, exc. farm	29 379	9 490	32.3	5 088	1 126	788	129	209	503	1 647	19 889
Sales workers	36 313	11 934	32.9	5 610	1 429	1 147	83	203	588	2 874	24 379
Clerical and kindred workers	361 919	132 636	36.6	98 178	9 624	5 737	558	1 040	2 631	14 868	229 283
Craftsmen, foremen, and kindred workers	9 486	3 844	40.5	1 280	358	1 097	293	95	264	457	5 642
Operatives, except transport	23 529	7 910	33.6	3 578	926	1 546	86	276	301	1 197	15 619
Transport equipment operatives	2 166	531	24.5	272	68	34	18	22	19	98	1 635
Laborers, except farm	2 878	882	30.6	214	242	104	19	23	82	198	1 996
Farm workers	1 953	850	43.5	304	120	100	–	18	61	247	1 103
Service workers, exc. private household	67 878	37 595	55.4	5 413	17 904	8 369	197	294	1 395	4 023	30 283
Private household workers	5 747	1 586	27.6	663	355	80	–	25	67	396	4 161
COLLEGE 4 YEARS OR MORE											
Female employed, 25 to 34 years old	**895 080**	**164 927**	**18.4**	**27 568**	**44 599**	**5 251**	**3 255**	**6 818**	**26 257**	**51 179**	**730 153**
Professional, technical, and kindred workers	728 795	121 877	16.7	15 527	40 428	3 346	2 577	5 742	22 399	31 858	606 918
Managers and administrators, exc. farm	28 075	4 661	16.6	1 438	493	294	147	223	555	1 511	23 414
Sales workers	15 443	4 236	27.4	608	349	236	107	55	280	2 601	11 207
Clerical and kindred workers	95 756	23 698	24.7	9 070	1 525	543	273	339	1 867	10 081	72 058
Craftsmen, foremen, and kindred workers	3 078	823	26.7	187	–	62	66	65	124	319	2 255
Operatives, except transport	4 563	2 084	45.7	234	105	124	19	120	373	1 109	2 479
Transport equipment operatives	471	186	39.5	22	59	–	–	–	–	105	285
Laborers, except farm	608	187	30.8	–	37	21	–	–	18	111	421
Farm workers	895	249	27.8	–	42	–	–	17	57	133	646
Service workers, exc. private household	15 484	6 320	40.8	401	1 542	625	66	240	402	3 044	9 164
Private household workers	1 912	606	31.7	81	19	–	–	17	182	307	1 306

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 35 to 44 years old	**5 120 277**	**1 383 131**	**27.0**	**568 102**	**291 854**	**182 131**	**9 975**	**20 775**	**34 604**	**275 690**	**3 737 146**
Professional, technical, and kindred workers	439 030	233 939	53.3	32 816	150 631	9 675	3 897	1 970	7 765	27 185	205 091
Managers and administrators, exc. farm	199 702	52 634	26.4	28 691	5 770	6 440	490	1 097	2 158	7 988	147 068
Sales workers	369 165	79 840	21.6	37 123	5 679	10 049	509	1 610	2 538	22 332	289 325
Clerical and kindred workers	1 849 365	545 989	29.5	395 055	25 640	30 182	2 130	4 514	9 635	78 833	1 303 376
Craftsmen, foremen, and kindred workers	114 753	26 050	22.7	6 524	1 673	9 993	682	656	1 321	5 201	88 703
Operatives, except transport	913 970	125 078	13.7	26 122	8 423	31 789	1 199	4 046	3 931	49 568	788 892
Transport equipment operatives	40 104	7 706	19.2	2 550	699	1 716	52	151	214	2 324	32 398
Laborers, except farm	57 778	8 041	13.9	2 015	932	1 482	22	211	221	3 158	49 737
Farm workers	48 551	8 194	16.9	1 714	648	1 057	58	551	297	3 869	40 357
Service workers, exc. private household	909 876	270 280	29.7	32 571	87 930	77 230	868	5 260	6 012	60 409	639 596
Private household workers	177 983	25 380	14.3	2 921	3 829	2 518	68	709	512	14 823	152 603
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 35 to 44 years old	**1 964 660**	**354 965**	**18.1**	**83 381**	**56 950**	**70 723**	**1 821**	**7 038**	**8 668**	**126 384**	**1 609 695**
Professional, technical, and kindred workers	58 344	23 093	39.6	3 269	11 733	2 124	253	304	782	4 628	35 251
Managers and administrators, exc. farm	53 460	9 552	17.9	3 608	966	1 727	58	256	285	2 652	43 908
Sales workers	122 536	20 480	16.7	6 430	1 106	2 948	76	476	569	8 875	102 056
Clerical and kindred workers	344 215	88 463	25.7	50 451	3 828	6 732	252	828	1 905	24 467	255 752
Craftsmen, foremen, and kindred workers	57 875	10 151	17.5	1 763	480	4 081	165	219	376	3 067	47 724
Operatives, except transport	609 435	64 541	10.6	7 837	3 459	17 623	503	1 578	1 797	31 744	544 894
Transport equipment operatives	18 579	2 809	15.1	543	208	796	52	91	66	1 053	15 770
Laborers, except farm	34 923	3 550	10.2	493	341	625	–	85	134	1 872	31 373
Farm workers	28 688	3 142	11.0	197	194	268	–	174	88	2 221	25 546
Service workers, exc. private household	500 040	113 092	22.6	8 021	32 649	32 215	426	2 526	2 349	34 906	386 948
Private household workers	136 565	16 092	11.8	769	1 986	1 584	36	501	317	10 899	120 473
HIGH SCHOOL 4 YEARS											
Female employed, 35 to 44 years old	**2 517 015**	**758 784**	**30.1**	**373 959**	**141 144**	**95 394**	**4 886**	**10 921**	**17 466**	**115 014**	**1 758 231**
Professional, technical, and kindred workers	201 605	111 708	55.4	18 843	72 331	5 028	1 801	880	3 775	9 050	89 897
Managers and administrators, exc. farm	108 398	30 017	27.7	18 019	2 390	3 725	307	596	1 105	3 875	78 381
Sales workers	204 225	46 488	22.8	23 845	2 872	6 117	295	973	1 318	11 068	157 737
Clerical and kindred workers	1 220 975	354 359	29.0	268 004	14 034	19 497	1 128	2 858	5 456	43 382	866 616
Craftsmen, foremen, and kindred workers	48 129	12 599	26.2	3 674	758	5 011	340	329	657	1 830	35 530
Operatives, except transport	283 653	53 337	18.8	15 644	4 022	12 931	565	2 180	1 721	16 274	230 316
Transport equipment operatives	18 889	3 921	20.8	1 541	385	764	–	36	114	1 081	14 968
Laborers, except farm	20 788	3 723	17.9	1 286	487	668	22	106	68	1 086	17 065
Farm workers	16 454	3 907	23.7	1 208	216	684	58	336	149	1 256	12 547
Service workers, exc. private household	356 859	130 656	36.6	20 236	42 189	40 057	338	2 457	2 928	22 451	226 203
Private household workers	37 040	8 069	21.8	1 659	1 460	912	32	170	175	3 661	28 971
COLLEGE 1 TO 3 YEARS											
Female employed, 35 to 44 years old	**638 602**	**269 382**	**42.2**	**110 762**	**93 760**	**16 014**	**3 268**	**2 816**	**8 470**	**34 292**	**369 220**
Professional, technical, and kindred workers	179 081	99 138	55.4	10 704	66 567	2 523	1 843	786	3 208	13 507	79 943
Managers and administrators, exc. farm	37 844	13 065	34.5	7 064	2 414	988	125	245	768	1 461	24 779
Sales workers	42 404	12 872	30.4	6 848	1 701	984	138	161	651	2 389	29 532
Clerical and kindred workers	284 175	103 167	36.3	76 600	7 778	3 953	750	828	2 274	10 984	181 008
Craftsmen, foremen, and kindred workers	8 749	3 300	37.7	1 087	435	901	177	108	288	304	5 449
Operatives, except transport	20 882	7 200	34.5	2 641	942	1 235	131	288	413	1 550	13 682
Transport equipment operatives	2 636	976	37.0	466	106	156	–	24	34	190	1 660
Laborers, except farm	2 067	768	37.2	236	104	189	–	20	19	200	1 299
Farm workers	3 409	1 145	33.6	309	238	105	–	41	60	392	2 264
Service workers, exc. private household	52 977	26 532	50.1	4 314	13 092	4 958	104	277	735	3 052	26 445
Private household workers	4 378	1 219	27.8	493	383	22	–	38	20	263	3 159
COLLEGE 4 YEARS OR MORE											
Female employed, 35 to 44 years old	**616 159**	**127 735**	**20.7**	**24 505**	**37 595**	**4 385**	**2 696**	**5 699**	**19 240**	**33 615**	**488 424**
Professional, technical, and kindred workers	485 056	93 302	19.2	13 187	32 318	2 873	2 167	4 535	16 440	21 782	391 754
Managers and administrators, exc. farm	31 551	6 444	20.4	1 673	1 926	277	193	266	603	1 506	25 107
Sales workers	13 320	3 562	26.7	1 135	303	154	66	140	232	1 532	9 758
Clerical and kindred workers	67 513	17 448	25.8	7 713	1 604	476	132	506	1 361	5 656	50 065
Craftsmen, foremen, and kindred workers	2 590	541	20.9	136	35	67	42	38	102	121	2 049
Operatives, except transport	4 390	1 710	39.0	182	70	179	67	40	210	962	2 680
Transport equipment operatives	262	78	...	19	–	–	–	–	39	20	184
Laborers, except farm	422	57	13.5	–	22	16	–	–	–	19	365
Farm workers	871	336	38.6	45	–	–	–	58	–	233	535
Service workers, exc. private household	9 004	3 888	43.2	394	1 243	302	29	63	215	1 642	5 116
Private household workers	1 180	369	31.3	21	74	41	–	53	38	142	811

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 45 to 54 years old	**5 543 076**	**1 583 768**	**28.6**	**723 785**	**283 879**	**224 512**	**10 589**	**26 016**	**39 570**	**275 417**	**3 959 308**
Professional, technical, and kindred workers	428 648	232 428	54.2	45 189	135 840	9 563	3 609	2 851	8 540	26 836	196 220
Managers and administrators, exc. farm	271 363	80 139	29.5	47 791	7 598	10 320	945	2 191	2 602	8 692	191 224
Sales workers	483 608	109 794	22.7	54 829	6 904	16 665	917	1 795	3 920	24 764	373 814
Clerical and kindred workers	1 864 081	657 808	35.3	499 864	24 192	41 576	2 161	4 280	10 039	75 696	1 206 273
Craftsmen, foremen, and kindred workers	126 948	29 959	23.6	8 412	2 055	11 153	373	949	1 251	5 766	96 989
Operatives, except transport	980 061	133 787	13.7	25 601	8 010	40 101	1 299	4 274	4 584	49 918	846 274
Transport equipment operatives	27 797	5 270	19.0	1 259	550	1 414	52	182	162	1 651	22 527
Laborers, except farm	56 627	8 106	14.3	2 060	714	1 561	63	283	387	3 038	48 521
Farm workers	52 358	7 207	13.8	1 852	587	844	30	684	172	3 038	45 151
Service workers, exc. private household	1 003 559	286 163	28.5	33 641	91 429	87 068	1 024	7 324	7 043	58 634	717 396
Private household workers	248 026	33 107	13.3	3 287	6 000	4 247	116	1 203	870	17 384	214 919
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 45 to 54 years old	**2 418 648**	**434 083**	**17.9**	**102 385**	**72 663**	**93 879**	**2 311**	**11 166**	**10 582**	**141 097**	**1 984 565**
Professional, technical, and kindred workers	70 757	29 704	42.0	4 481	15 219	1 986	483	975	928	5 632	41 053
Managers and administrators, exc. farm	79 399	15 310	19.3	6 283	1 171	3 288	157	731	535	3 145	64 089
Sales workers	186 094	28 710	15.4	9 575	1 553	5 481	155	486	866	10 594	157 384
Clerical and kindred workers	392 020	107 492	27.4	62 747	4 364	10 467	265	1 213	1 559	26 877	284 528
Craftsmen, foremen, and kindred workers	69 027	11 564	16.8	1 587	683	5 098	132	383	486	3 195	57 463
Operatives, except transport	704 009	75 039	10.7	7 501	4 106	23 081	638	2 512	2 156	35 045	628 970
Transport equipment operatives	15 652	2 147	13.7	315	224	552	–	69	78	909	13 505
Laborers, except farm	38 395	4 148	10.8	655	291	833	21	154	173	2 021	34 247
Farm workers	34 873	3 136	9.0	282	210	392	–	264	34	1 954	31 737
Service workers, exc. private household	621 557	133 687	21.5	7 894	40 980	40 091	380	3 762	3 175	37 405	487 870
Private household workers	206 865	23 146	11.2	1 065	3 862	2 610	80	617	592	14 320	183 719
HIGH SCHOOL 4 YEARS											
Female employed, 45 to 54 years old	**2 472 750**	**850 139**	**34.4**	**464 578**	**134 851**	**112 423**	**4 841**	**11 671**	**18 314**	**103 461**	**1 622 611**
Professional, technical, and kindred workers	195 535	112 287	57.4	25 187	67 931	4 646	1 544	1 200	3 498	8 281	83 248
Managers and administrators, exc. farm	142 841	46 087	32.3	29 509	3 834	5 529	470	1 146	1 270	4 329	96 754
Sales workers	248 645	63 515	25.5	34 614	3 721	9 764	442	1 015	2 132	11 827	185 130
Clerical and kindred workers	1 164 993	416 003	35.7	329 302	12 599	26 582	1 141	2 228	5 306	38 845	748 990
Craftsmen, foremen, and kindred workers	50 023	14 773	29.5	5 056	990	5 237	222	351	666	2 251	35 250
Operatives, except transport	257 378	52 640	20.5	15 874	3 089	15 783	442	1 564	1 893	13 995	204 738
Transport equipment operatives	10 624	2 572	24.2	748	224	687	32	113	70	698	8 052
Laborers, except farm	16 391	3 320	20.3	1 130	308	659	22	110	177	914	13 071
Farm workers	14 336	3 159	22.0	1 099	249	412	19	377	76	927	11 177
Service workers, exc. private household	335 133	127 624	38.1	20 556	40 119	41 710	490	3 071	2 968	18 710	207 509
Private household workers	36 851	8 159	22.1	1 503	1 787	1 414	17	496	258	2 684	28 692
COLLEGE 1 TO 3 YEARS											
Female employed, 45 to 54 years old	**651 678**	**299 546**	**46.0**	**156 822**	**76 365**	**18 210**	**3 437**	**3 179**	**10 674**	**30 859**	**352 132**
Professional, technical, and kindred workers	162 356	90 437	55.7	15 521	52 690	2 931	1 582	676	4 114	12 923	71 919
Managers and administrators, exc. farm	49 123	18 742	38.2	11 999	2 593	1 503	318	314	797	1 218	30 381
Sales workers	48 869	17 569	36.0	10 640	1 630	1 420	320	294	922	2 343	31 300
Clerical and kindred workers	307 068	134 313	43.7	107 815	7 229	4 527	755	839	3 174	9 974	172 755
Craftsmen, foremen, and kindred workers	7 898	3 622	45.9	1 769	382	818	19	215	99	320	4 276
Operatives, except transport	18 674	6 108	32.7	2 226	815	1 237	219	198	535	878	12 566
Transport equipment operatives	1 521	551	36.2	196	102	175	20	–	14	44	970
Laborers, except farm	1 841	638	34.7	275	115	69	20	19	37	103	1 203
Farm workers	3 149	912	29.0	471	128	40	11	43	62	157	2 237
Service workers, exc. private household	46 869	24 852	53.0	5 191	10 330	5 267	154	491	900	2 519	22 017
Private household workers	4 310	1 802	41.8	719	351	223	19	90	20	380	2 508
COLLEGE 4 YEARS OR MORE											
Female employed, 45 to 54 years old	**558 285**	**132 491**	**23.7**	**32 194**	**36 877**	**5 423**	**2 435**	**6 294**	**21 978**	**27 290**	**425 794**
Professional, technical, and kindred workers	418 752	91 907	21.9	16 096	30 085	3 664	1 762	4 780	18 054	17 466	326 845
Managers and administrators, exc. farm	37 748	8 856	23.5	3 130	2 876	411	203	388	1 006	842	28 892
Sales workers	14 832	4 170	28.1	1 258	473	167	138	176	622	1 336	10 662
Clerical and kindred workers	69 322	20 835	30.1	10 922	1 977	467	153	545	1 534	5 237	48 487
Craftsmen, foremen, and kindred workers	2 673	881	33.0	222	76	71	55	108	160	189	1 792
Operatives, except transport	4 019	1 200	29.9	156	60	186	21	35	210	532	2 819
Transport equipment operatives	143	52	...	–	–	23	–	–	–	29	91
Laborers, except farm	387	61	...	–	–	44	–	–	–	17	326
Farm workers	955	363	38.0	18	60	66	24	–	39	156	592
Service workers, exc. private household	7 884	3 587	45.5	244	1 101	279	79	207	323	1 354	4 297
Private household workers	1 570	579	36.9	148	169	45	–	55	30	132	991

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 55 to 64 years old	**3 593 112**	**1 004 182**	**27.9**	**441 701**	**188 027**	**109 460**	**4 468**	**14 949**	**34 833**	**210 744**	**2 588 930**
Professional, technical, and kindred workers	295 325	153 512	52.0	26 101	90 013	5 160	1 398	1 187	10 500	19 153	141 813
Managers and administrators, exc. farm	192 690	54 607	28.3	31 837	5 927	4 920	366	1 809	2 535	7 213	138 083
Sales workers	353 704	77 677	22.0	38 185	4 537	8 548	501	951	4 024	20 931	276 027
Clerical and kindred workers	1 013 177	387 092	38.2	298 536	13 911	14 390	656	1 804	6 782	51 013	626 085
Craftsmen, foremen, and kindred workers	78 276	17 218	22.0	4 135	1 042	5 536	343	758	993	4 411	61 058
Operatives, except transport	589 760	84 254	14.3	14 335	4 951	19 501	616	1 964	3 168	39 719	505 506
Transport equipment operatives	12 346	2 948	23.9	559	270	444	–	105	220	1 350	9 398
Laborers, except farm	34 801	5 089	14.6	1 104	418	689	21	89	141	2 627	29 712
Farm workers	38 594	6 026	15.6	1 505	528	555	–	530	212	2 696	32 568
Service workers, exc. private household	712 314	182 411	25.6	21 102	59 732	45 950	567	4 778	4 702	45 580	529 903
Private household workers	272 125	33 348	12.3	4 302	6 698	3 767	–	974	1 556	16 051	238 777
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 55 to 64 years old	**2 025 879**	**394 674**	**19.5**	**124 135**	**62 933**	**59 006**	**1 496**	**7 457**	**9 592**	**130 055**	**1 631 205**
Professional, technical, and kindred workers	63 234	27 973	44.2	4 467	15 407	1 401	270	332	1 183	4 913	35 261
Managers and administrators, exc. farm	77 995	16 034	20.6	7 568	1 387	2 276	44	688	579	3 492	61 961
Sales workers	184 365	30 207	16.4	12 791	1 261	3 440	208	376	1 065	11 066	154 158
Clerical and kindred workers	347 783	113 340	32.6	79 763	3 370	5 842	217	467	1 233	22 448	234 443
Craftsmen, foremen, and kindred workers	51 917	8 762	16.9	1 545	466	2 759	86	380	446	3 080	43 155
Operatives, except transport	483 481	58 619	12.1	6 575	2 865	13 370	312	1 272	1 838	32 387	424 862
Transport equipment operatives	8 212	1 602	19.5	256	141	220	–	85	117	783	6 610
Laborers, except farm	26 574	3 390	12.8	408	271	461	21	18	99	2 112	23 184
Farm workers	28 585	3 394	11.9	381	254	295	–	274	43	2 147	25 191
Service workers, exc. private household	519 143	106 518	20.5	8 461	33 135	26 050	338	2 863	2 127	33 544	412 625
Private household workers	234 590	24 835	10.6	1 920	4 376	2 892	–	702	862	14 083	209 755
HIGH SCHOOL 4 YEARS											
Female employed, 55 to 64 years old	**1 150 809**	**428 900**	**37.3**	**229 703**	**80 195**	**41 191**	**1 693**	**5 594**	**12 261**	**58 263**	**721 909**
Professional, technical, and kindred workers	111 186	68 770	61.9	12 626	44 019	2 290	415	539	3 592	5 289	42 416
Managers and administrators, exc. farm	79 101	24 984	31.6	16 124	2 583	2 019	222	772	887	2 377	54 117
Sales workers	133 777	35 032	26.2	18 974	1 972	4 331	145	374	1 453	7 783	98 745
Clerical and kindred workers	501 031	200 359	40.0	160 856	6 845	6 876	319	908	2 646	21 909	300 672
Craftsmen, foremen, and kindred workers	21 515	6 746	31.4	1 990	435	2 285	198	271	438	1 129	14 769
Operatives, except transport	93 500	21 064	22.5	6 116	1 636	5 169	226	562	921	6 434	72 436
Transport equipment operatives	3 565	1 164	32.7	242	87	186	–	20	62	567	2 401
Laborers, except farm	7 190	1 453	20.2	594	132	162	–	71	–	494	5 737
Farm workers	6 920	1 652	23.9	770	148	179	–	163	41	351	5 268
Service workers, exc. private household	161 610	61 056	37.8	9 656	20 445	16 962	168	1 689	1 831	10 305	100 554
Private household workers	31 414	6 620	21.1	1 755	1 893	732	–	225	390	1 625	24 794
COLLEGE 1 TO 3 YEARS											
Female employed, 55 to 64 years old	**416 424**	**180 608**	**43.4**	**87 863**	**44 899**	**9 263**	**1 279**	**1 898**	**12 980**	**22 426**	**235 816**
Professional, technical, and kindred workers	120 905	56 769	47.0	9 008	30 587	1 469	713	316	5 725	8 951	64 136
Managers and administrators, exc. farm	35 594	13 589	38.2	8 145	1 957	625	100	349	1 069	1 344	22 005
Sales workers	35 562	12 438	35.0	6 420	1 304	777	148	201	1 506	2 082	23 124
Clerical and kindred workers	164 363	73 393	44.7	57 917	3 696	1 672	120	429	2 903	6 656	90 970
Craftsmen, foremen, and kindred workers	4 844	1 710	35.3	600	141	492	59	107	109	202	3 134
Operatives, except transport	12 779	4 571	35.8	1 644	450	962	78	130	409	898	8 208
Transport equipment operatives	569	182	32.0	61	42	38	–	–	41	–	387
Laborers, except farm	1 037	246	23.7	102	15	66	–	–	42	21	791
Farm workers	3 089	980	31.7	354	126	81	–	93	128	198	2 109
Service workers, exc. private household	31 561	14 837	47.0	2 985	6 152	2 938	61	226	744	1 731	16 724
Private household workers	6 121	1 893	30.9	627	429	143	–	47	304	343	4 228
COLLEGE 4 YEARS OR MORE											
Female employed, 55 to 64 years old	**422 434**	**99 570**	**23.6**	**21 590**	**21 069**	**3 391**	**1 140**	**4 208**	**23 124**	**25 048**	**322 864**
Professional, technical, and kindred workers	316 579	67 711	21.4	9 462	16 863	2 146	858	3 106	18 744	16 532	248 868
Managers and administrators, exc. farm	30 510	6 871	22.5	2 051	1 438	269	135	253	1 358	1 367	23 639
Sales workers	10 758	3 065	28.5	1 160	258	121	37	225	264	1 000	7 693
Clerical and kindred workers	50 207	16 420	32.7	8 211	1 064	322	110	348	1 994	4 371	33 787
Craftsmen, foremen, and kindred workers	2 047	702	34.3	70	128	146	–	59	86	213	1 345
Operatives, except transport	2 530	843	33.3	82	120	53	–	21	293	274	1 687
Transport equipment operatives	174	35	...	35	–	–	–	–	–	–	139
Laborers, except farm	235	67	...	–	18	–	–	19	19	11	168
Farm workers	1 075	277	25.8	15	21	19	–	61	64	97	798
Service workers, exc. private household	6 711	2 949	43.9	504	969	315	–	96	225	840	3 762
Private household workers	1 608	630	39.2	–	190	–	–	20	77	343	978

Table 5. **Occupation of All Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 65 years old and over	**984 556**	**263 642**	**26.8**	**103 343**	**43 263**	**25 645**	**1 339**	**3 114**	**14 413**	**72 525**	**720 914**
Professional, technical, and kindred workers	85 040	39 833	46.8	7 068	18 658	1 543	396	179	5 478	6 511	45 207
Managers and administrators, exc. farm	59 304	15 820	26.7	7 833	1 711	1 793	158	239	1 039	3 047	43 484
Sales workers	113 143	25 037	22.1	11 983	1 168	1 850	82	249	1 472	8 233	88 106
Clerical and kindred workers	222 628	85 270	38.3	62 301	2 941	2 260	269	293	2 305	14 901	137 358
Craftsmen, foremen, and kindred workers	20 251	6 347	31.3	902	280	2 722	178	185	372	1 708	13 904
Operatives, except transport	114 446	20 537	17.9	2 716	785	3 690	57	352	772	12 165	93 909
Transport equipment operatives	3 056	814	26.6	165	27	150	–	–	22	450	2 242
Laborers, except farm	10 114	1 738	17.2	224	171	347	42	19	114	821	8 376
Farm workers	13 810	2 107	15.3	611	132	153	23	257	105	826	11 703
Service workers, exc. private household	194 988	47 333	24.3	6 257	12 999	9 354	117	681	1 915	16 010	147 655
Private household workers	147 776	18 806	12.7	3 283	4 391	1 783	17	660	819	7 853	128 970
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 65 years old and over	**621 393**	**126 637**	**20.4**	**39 104**	**18 072**	**14 640**	**294**	**1 675**	**4 245**	**48 607**	**494 756**
Professional, technical, and kindred workers	23 580	10 256	43.5	1 739	5 010	570	70	16	1 151	1 700	13 324
Managers and administrators, exc. farm	28 882	5 533	19.2	2 425	447	904	–	99	204	1 454	23 349
Sales workers	66 402	12 139	18.3	4 945	416	978	17	102	359	5 322	54 263
Clerical and kindred workers	94 429	33 154	35.1	23 051	931	977	68	77	539	7 511	61 275
Craftsmen, foremen, and kindred workers	13 362	3 359	25.1	444	164	1 330	60	114	140	1 107	10 003
Operatives, except transport	93 997	15 078	16.0	1 271	356	2 525	18	201	372	10 335	78 919
Transport equipment operatives	2 269	628	27.7	165	27	69	–	–	–	367	1 641
Laborers, except farm	8 331	1 081	13.0	112	92	224	–	19	67	567	7 250
Farm workers	11 262	1 375	12.2	285	23	134	23	168	48	694	9 887
Service workers, exc. private household	152 868	30 781	20.1	3 034	8 152	5 514	21	421	929	12 710	122 087
Private household workers	126 011	13 253	10.5	1 633	2 454	1 415	17	458	436	6 840	112 758
HIGH SCHOOL 4 YEARS											
Female employed, 65 years old and over	**242 197**	**89 458**	**36.9**	**44 123**	**15 546**	**7 846**	**528**	**686**	**4 488**	**16 241**	**152 739**
Professional, technical, and kindred workers	26 497	14 786	55.8	2 960	7 904	342	133	59	1 656	1 732	11 711
Managers and administrators, exc. farm	18 761	6 673	35.6	3 707	744	553	60	57	396	1 156	12 088
Sales workers	33 632	8 390	24.9	4 550	462	698	21	106	444	2 109	25 242
Clerical and kindred workers	89 349	36 486	40.8	27 853	1 323	937	152	18	878	5 325	52 863
Craftsmen, foremen, and kindred workers	5 287	2 059	38.9	309	34	973	75	71	125	472	3 228
Operatives, except transport	16 822	4 397	26.1	1 111	237	987	39	76	300	1 647	12 425
Transport equipment operatives	692	143	20.7	–	–	58	–	–	22	63	549
Laborers, except farm	1 416	515	36.4	64	79	123	21	–	23	205	901
Farm workers	1 709	451	26.4	239	71	19	–	33	15	74	1 258
Service workers, exc. private household	31 856	11 856	37.2	2 262	3 469	2 909	27	107	499	2 583	20 000
Private household workers	16 176	3 702	22.9	1 068	1 223	247	–	159	130	875	12 474
COLLEGE 1 TO 3 YEARS											
Female employed, 65 years old and over	**120 966**	**47 547**	**39.3**	**20 116**	**9 645**	**3 159**	**517**	**753**	**5 680**	**7 677**	**73 419**
Professional, technical, and kindred workers	34 963	14 791	42.3	2 369	5 744	631	193	104	2 671	3 079	20 172
Managers and administrators, exc. farm	11 661	3 614	31.0	1 701	520	336	98	83	439	437	8 047
Sales workers	13 109	4 508	34.4	2 488	290	174	44	41	669	802	8 601
Clerical and kindred workers	38 850	15 630	40.2	11 397	687	346	49	198	888	2 065	23 220
Craftsmen, foremen, and kindred workers	1 602	929	58.0	149	82	419	43	–	107	129	673
Operatives, except transport	3 627	1 062	29.3	334	192	178	–	75	100	183	2 565
Transport equipment operatives	95	43	...	–	–	23	–	–	–	20	52
Laborers, except farm	367	142	...	48	–	–	21	–	24	49	225
Farm workers	839	281	33.5	87	38	–	–	56	42	58	558
Service workers, exc. private household	10 264	4 696	45.8	961	1 378	931	69	153	487	717	5 568
Private household workers	5 589	1 851	33.1	582	714	121	–	43	253	138	3 738
COLLEGE 4 YEARS OR MORE											
Female employed, 65 years old and over	**107 100**	**26 264**	**24.5**	**5 146**	**4 974**	**1 042**	**481**	**1 344**	**6 516**	**6 761**	**80 836**
Professional, technical, and kindred workers	73 026	17 046	23.3	2 320	3 681	586	386	840	4 568	4 665	55 980
Managers and administrators, exc. farm	9 185	2 305	25.1	766	346	83	63	92	515	440	6 880
Sales workers	4 507	975	21.6	283	118	41	–	40	227	266	3 532
Clerical and kindred workers	13 168	3 702	28.1	1 595	334	60	–	146	716	851	9 466
Craftsmen, foremen, and kindred workers	681	172	25.3	–	17	18	–	21	39	77	509
Operatives, except transport	874	253	28.9	38	41	74	–	–	39	61	621
Transport equipment operatives	40	21	...	–	–	–	–	–	–	21	19
Laborers, except farm	93	–	–	–	–	–	–	–	–	–	93
Farm workers	778	175	22.5	21	–	25	13	69	26	21	603
Service workers, exc. private household	3 329	1 199	36.0	86	374	137	–	–	284	318	2 130
Private household workers	1 419	416	29.3	37	63	18	19	136	102	41	1 003

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 years old and over	**36 668 511**	**11 437 459**	**31.2**	**1 453 943**	**184 340**	**5 973 362**	**1 160 509**	**356 343**	**513 299**	**1 795 663**	**25 231 052**
Professional, technical, and kindred workers	2 714 308	1 306 278	48.1	192 020	51 748	380 544	453 261	14 110	74 587	140 008	1 408 030
Managers and administrators, exc. farm	3 860 370	1 289 871	33.4	341 607	23 952	540 461	138 480	33 910	65 713	145 748	2 570 499
Sales workers	2 629 035	763 937	29.1	232 644	14 330	264 601	67 556	17 044	42 830	124 932	1 865 098
Clerical and kindred workers	2 950 793	900 582	30.5	298 290	14 593	319 213	62 868	16 599	45 673	143 346	2 050 211
Craftsmen, foremen, and kindred workers	9 202 943	3 709 790	40.3	151 601	23 333	2 669 667	252 846	56 992	114 487	440 864	5 493 153
Operatives, except transport	5 559 816	1 384 405	24.9	83 328	13 513	825 113	84 843	42 070	60 692	274 846	4 175 411
Transport equipment operatives	2 372 459	476 488	20.1	40 095	6 740	237 784	23 482	20 813	24 680	122 894	1 895 971
Laborers, except farm	2 430 186	420 753	17.3	32 493	5 629	175 090	21 945	21 559	20 873	143 164	2 009 433
Farm workers	1 882 402	316 226	16.8	18 226	2 081	86 665	11 280	111 101	7 999	78 874	1 566 176
Service workers, exc. private household	3 049 509	865 667	28.4	63 198	28 172	473 324	43 915	21 855	55 531	179 672	2 183 842
Private household workers	16 690	3 462	20.7	441	249	900	33	290	234	1 315	13 228
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 years old and over	**16 877 568**	**3 828 265**	**22.7**	**245 545**	**37 438**	**2 137 368**	**168 894**	**140 480**	**157 508**	**941 032**	**13 049 303**
Professional, technical, and kindred workers	377 481	156 023	41.3	15 729	5 157	56 252	36 217	2 473	10 916	29 279	221 458
Managers and administrators, exc. farm	1 125 974	303 713	27.0	49 662	3 417	152 171	17 750	9 261	15 008	56 444	822 261
Sales workers	801 056	181 796	22.7	40 747	1 686	68 647	7 522	4 457	8 592	50 145	619 260
Clerical and kindred workers	887 048	206 173	23.2	43 723	2 576	82 518	8 500	4 587	9 101	55 168	680 875
Craftsmen, foremen, and kindred workers	4 567 907	1 433 620	31.4	36 282	6 316	1 007 746	53 936	24 547	46 020	258 773	3 134 287
Operatives, except transport	3 226 145	614 502	19.0	20 343	4 293	355 242	19 948	19 259	26 348	169 069	2 611 643
Transport equipment operatives	1 428 275	227 168	15.9	10 392	2 226	111 373	6 623	10 218	11 190	75 146	1 201 107
Laborers, except farm	1 559 019	201 497	12.9	7 943	1 803	77 385	5 914	10 610	8 762	89 080	1 357 522
Farm workers	1 188 997	144 370	12.1	5 007	533	36 599	2 893	44 156	3 089	52 093	1 044 627
Service workers, exc. private household	1 703 974	357 599	21.0	15 601	9 370	188 973	9 576	10 688	18 341	105 050	1 346 375
Private household workers	11 692	1 804	15.4	116	61	462	15	224	141	785	9 888
HIGH SCHOOL 4 YEARS											
Male employed, 16 years old and over	**13 947 163**	**5 402 386**	**38.7**	**724 473**	**82 210**	**3 057 083**	**537 734**	**163 040**	**238 080**	**599 766**	**8 544 777**
Professional, technical, and kindred workers	1 095 619	586 130	53.5	83 259	21 316	197 136	199 058	6 752	33 260	45 349	509 489
Managers and administrators, exc. farm	1 678 430	613 163	36.5	162 914	9 603	278 014	60 685	15 946	29 466	56 535	1 065 267
Sales workers	1 090 820	356 921	32.7	109 716	5 591	138 385	28 632	7 947	20 081	46 569	733 899
Clerical and kindred workers	1 353 750	468 100	34.6	161 048	7 054	181 582	29 286	8 382	24 180	56 568	885 650
Craftsmen, foremen, and kindred workers	3 791 694	1 850 108	48.8	82 194	11 890	1 396 019	126 956	26 811	53 505	152 733	1 941 586
Operatives, except transport	1 966 712	641 228	32.6	46 721	6 715	406 770	44 640	19 323	28 379	88 680	1 325 484
Transport equipment operatives	783 541	206 015	26.3	21 883	3 352	109 762	12 276	8 680	10 524	39 538	577 526
Laborers, except farm	671 939	171 650	25.5	16 882	2 841	82 470	10 821	8 430	9 055	41 151	500 289
Farm workers	553 886	131 305	23.7	8 368	952	40 214	5 189	52 662	3 735	20 185	422 581
Service workers, exc. private household	957 277	376 598	39.3	31 361	12 728	226 379	20 173	8 063	25 838	52 056	580 679
Private household workers	3 495	1 168	33.4	127	168	352	18	44	57	402	2 327
COLLEGE 1 TO 3 YEARS											
Male employed, 16 years old and over	**5 843 780**	**2 206 808**	**37.8**	**483 925**	**64 692**	**778 911**	**453 881**	**52 823**	**117 711**	**254 865**	**3 636 972**
Professional, technical, and kindred workers	1 241 208	564 125	45.4	93 032	25 275	127 156	217 986	4 885	30 411	65 380	677 083
Managers and administrators, exc. farm	1 055 966	372 995	35.3	129 031	10 932	110 276	60 045	8 703	21 239	32 769	682 971
Sales workers	737 159	225 220	30.6	82 181	7 053	57 569	31 402	4 640	14 157	28 218	511 939
Clerical and kindred workers	709 995	226 309	31.9	93 519	4 963	55 113	25 082	3 630	12 392	31 610	483 686
Craftsmen, foremen, and kindred workers	843 342	426 062	50.5	33 125	5 127	265 902	71 954	5 634	14 962	29 358	417 280
Operatives, except transport	366 959	128 675	35.1	16 264	2 505	63 101	20 255	3 488	5 965	17 097	238 284
Transport equipment operatives	160 643	43 305	27.0	7 820	1 162	16 649	4 583	1 915	2 966	8 210	117 338
Laborers, except farm	199 228	47 606	23.9	7 668	985	15 235	5 210	2 519	3 056	12 933	151 622
Farm workers	139 519	40 551	29.1	4 851	596	9 852	3 198	14 283	1 175	6 596	98 968
Service workers, exc. private household	388 258	131 470	33.9	16 236	6 074	57 972	14 166	3 104	11 352	22 566	256 788
Private household workers	1 503	490	32.6	198	20	86	–	22	36	128	1 013
COLLEGE 4 YEARS OR MORE											
Male employed, 16 years old and over	**6 447 239**	**1 401 285**	**21.7**	**272 017**	**102 819**	**288 661**	**311 401**	**42 463**	**142 296**	**241 628**	**5 045 954**
Professional, technical, and kindred workers	3 813 682	797 011	20.9	109 960	83 583	152 642	208 707	19 853	93 953	128 313	3 016 671
Managers and administrators, exc. farm	1 301 542	266 015	20.4	79 059	8 528	56 528	52 423	8 380	23 246	37 851	1 035 527
Sales workers	560 390	118 229	21.1	41 457	4 121	22 212	16 489	3 462	9 481	21 007	442 161
Clerical and kindred workers	308 108	74 218	24.1	24 513	2 408	14 461	8 917	1 613	6 243	16 063	233 890
Craftsmen, foremen, and kindred workers	202 149	69 531	34.4	7 249	1 349	26 224	16 793	1 319	3 314	13 283	132 618
Operatives, except transport	59 388	20 128	33.9	2 645	541	5 230	3 444	763	1 397	6 108	39 260
Transport equipment operatives	23 999	6 924	28.9	973	331	1 153	619	362	422	3 064	17 075
Laborers, except farm	31 161	9 075	29.1	1 042	156	1 631	889	418	579	4 360	22 086
Farm workers	62 637	15 115	24.1	1 386	220	1 929	1 269	5 705	822	3 784	47 522
Service workers, exc. private household	83 817	24 951	29.8	3 733	1 582	6 582	1 851	588	2 820	7 795	58 866
Private household workers	366	88	...	–	–	69	–	–	19	–	278

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 to 19 years old	**2 698 466**	**322 303**	**11.9**	**27 600**	**3 178**	**122 608**	**21 718**	**17 379**	**10 685**	**119 135**	**2 376 163**
Professional, technical, and kindred workers	86 380	15 782	18.3	1 242	777	2 792	4 107	500	1 111	5 253	70 598
Managers and administrators, exc. farm	34 211	5 251	15.3	1 116	18	1 740	258	223	170	1 726	28 960
Sales workers	220 595	19 980	9.1	3 021	113	4 898	1 157	758	635	9 398	200 615
Clerical and kindred workers	263 402	33 182	12.6	8 835	171	7 157	1 868	882	1 178	13 091	230 220
Craftsmen, foremen, and kindred workers	263 082	58 759	22.3	1 926	183	37 115	3 249	1 508	1 781	12 997	204 323
Operatives, except transport	501 604	65 389	13.0	3 866	167	30 689	4 260	2 704	2 119	21 584	436 215
Transport equipment operatives	124 542	13 687	11.0	998	84	5 701	621	842	316	5 125	110 855
Laborers, except farm	558 263	49 603	8.9	3 938	333	16 315	3 167	2 295	1 616	21 939	508 660
Farm workers	157 110	17 780	11.3	361	44	3 243	628	6 286	403	6 815	139 330
Service workers, exc. private household	485 289	42 589	8.8	2 252	1 267	12 889	2 403	1 334	1 326	21 118	442 700
Private household workers	3 988	301	7.5	45	21	69	–	47	30	89	3 687
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 to 19 years old	**1 718 788**	**136 513**	**7.9**	**7 361**	**1 088**	**55 867**	**6 621**	**8 068**	**4 364**	**53 144**	**1 582 275**
Professional, technical, and kindred workers	27 363	3 526	12.9	77	253	700	759	184	321	1 232	23 837
Managers and administrators, exc. farm	15 030	1 648	11.0	255	18	641	25	72	64	573	13 382
Sales workers	147 232	8 879	6.0	1 152	24	2 335	539	307	189	4 333	138 353
Clerical and kindred workers	125 413	8 954	7.1	1 626	54	2 618	454	268	383	3 551	116 459
Craftsmen, foremen, and kindred workers	133 758	20 926	15.6	514	56	13 594	1 082	456	635	4 589	112 832
Operatives, except transport	315 795	29 005	9.2	799	122	14 699	1 044	1 233	851	10 257	286 790
Transport equipment operatives	71 736	5 208	7.3	271	–	2 505	271	208	92	1 861	66 528
Laborers, except farm	400 710	25 900	6.5	1 504	90	9 223	1 154	1 288	986	11 655	374 810
Farm workers	119 417	9 403	7.9	90	–	1 800	239	3 288	137	3 849	110 014
Service workers, exc. private household	359 048	22 898	6.4	1 073	471	7 730	1 054	717	676	11 177	336 150
Private household workers	3 286	166	5.1	–	–	22	–	47	30	67	3 120
HIGH SCHOOL 4 YEARS											
Male employed, 16 to 19 years old	**770 662**	**152 109**	**19.7**	**16 211**	**1 776**	**60 788**	**11 819**	**7 479**	**5 129**	**48 907**	**618 553**
Professional, technical, and kindred workers	37 857	9 595	25.3	791	413	1 946	2 770	246	570	2 859	28 262
Managers and administrators, exc. farm	14 774	2 778	18.8	572	–	929	137	129	106	905	11 996
Sales workers	53 114	8 617	16.2	1 507	60	2 138	466	371	368	3 707	44 497
Clerical and kindred workers	99 231	18 626	18.8	6 024	94	4 021	922	463	592	6 510	80 605
Craftsmen, foremen, and kindred workers	112 445	33 487	29.8	1 193	127	21 855	1 821	930	972	6 589	78 958
Operatives, except transport	160 342	31 582	19.7	2 538	22	14 804	2 573	1 338	1 116	9 191	128 760
Transport equipment operatives	42 185	6 903	16.4	543	84	2 938	252	496	143	2 447	35 282
Laborers, except farm	128 138	19 255	15.0	1 965	211	6 438	1 528	896	502	7 715	108 883
Farm workers	30 954	6 580	21.3	204	22	1 216	271	2 203	243	2 421	24 374
Service workers, exc. private household	91 127	14 573	16.0	829	722	4 456	1 079	407	517	6 563	76 554
Private household workers	495	113	22.8	45	21	47	–	–	–	–	382
COLLEGE 1 TO 3 YEARS											
Male employed, 16 to 19 years old	**209 016**	**33 681**	**16.1**	**4 028**	**314**	**5 953**	**3 278**	**1 832**	**1 192**	**17 084**	**175 335**
Professional, technical, and kindred workers	21 160	2 661	12.6	374	111	146	578	70	220	1 162	18 499
Managers and administrators, exc. farm	4 407	825	18.7	289	–	170	96	22	–	248	3 582
Sales workers	20 249	2 484	12.3	362	29	425	152	80	78	1 358	17 765
Clerical and kindred workers	38 758	5 602	14.5	1 185	23	518	492	151	203	3 030	33 156
Craftsmen, foremen, and kindred workers	16 879	4 346	25.7	219	–	1 666	346	122	174	1 819	12 533
Operatives, except transport	25 467	4 802	18.9	529	23	1 186	643	133	152	2 136	20 665
Transport equipment operatives	10 621	1 576	14.8	184	–	258	98	138	81	817	9 045
Laborers, except farm	29 415	4 448	15.1	469	32	654	485	111	128	2 569	24 967
Farm workers	6 739	1 797	26.7	67	22	227	118	795	23	545	4 942
Service workers, exc. private household	35 114	5 118	14.6	350	74	703	270	210	133	3 378	29 996
Private household workers	207	22	...	–	–	–	–	–	–	22	185
COLLEGE 4 YEARS OR MORE											
Male employed, 16 to 19 years old	**678**	**253**	**37.3**	**44**	**19**	**19**	**23**	**–**	**20**	**128**	**425**
Professional, technical, and kindred workers	184	67	...	23	–	–	23	–	–	21	117
Managers and administrators, exc. farm	172	38	...	–	–	–	–	–	20	18	134
Sales workers	53	19	...	–	–	19	–	–	–	–	34
Clerical and kindred workers	79	26	...	–	–	–	–	–	–	26	53
Craftsmen, foremen, and kindred workers	68	42	...	–	–	–	–	–	–	42	26
Operatives, except transport	41	21	...	21	–	–	–	–	–	–	20
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	62	21	...	–	–	–	–	–	–	21	41
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	19	19	...	–	19	–	–	–	–	–	–
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 20 to 24 years old	**3 959 100**	**1 148 945**	**29.0**	**144 892**	**27 775**	**539 277**	**130 313**	**31 285**	**63 966**	**211 437**	**2 810 155**
Professional, technical, and kindred workers	376 031	142 536	37.9	18 634	8 058	28 644	49 943	1 413	8 210	27 634	233 495
Managers and administrators, exc. farm	192 480	57 728	30.0	16 005	1 416	18 332	5 303	2 045	3 461	11 166	134 752
Sales workers	256 320	66 140	25.8	16 260	1 637	20 976	5 911	1 586	4 592	15 178	190 180
Clerical and kindred workers	457 873	123 751	27.0	44 304	2 874	33 728	8 341	1 956	8 211	24 337	334 122
Craftsmen, foremen, and kindred workers	838 170	317 563	37.9	14 597	3 005	217 250	26 481	4 582	12 283	39 365	520 607
Operatives, except transport	760 685	189 266	24.9	13 728	2 708	109 106	16 468	5 099	10 081	32 076	571 419
Transport equipment operatives	260 184	56 917	21.9	5 231	1 058	27 672	4 394	1 811	3 809	12 942	203 267
Laborers, except farm	374 319	76 897	20.5	8 110	1 442	33 141	6 271	2 934	4 856	20 143	297 422
Farm workers	123 771	26 659	21.5	1 487	213	8 039	1 262	8 010	767	6 881	97 112
Service workers, exc. private household	317 535	91 039	28.7	6 472	5 347	42 249	5 924	1 825	7 674	21 548	226 496
Private household workers	1 732	449	25.9	64	17	140	15	24	22	167	1 283
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 20 to 24 years old	**909 508**	**183 322**	**20.2**	**9 447**	**2 670**	**96 026**	**8 899**	**4 692**	**10 241**	**51 347**	**726 186**
Professional, technical, and kindred workers	19 676	6 637	33.7	517	298	1 860	1 345	60	541	2 016	13 039
Managers and administrators, exc. farm	25 016	6 188	24.7	581	140	2 597	383	91	313	2 083	18 828
Sales workers	31 154	8 284	26.6	1 100	73	2 853	254	271	627	3 106	22 870
Clerical and kindred workers	46 654	11 112	23.8	2 587	228	3 679	393	159	548	3 518	35 542
Craftsmen, foremen, and kindred workers	222 238	55 556	25.0	1 590	289	35 642	2 493	859	2 456	12 227	166 682
Operatives, except transport	253 493	44 182	17.4	1 507	454	25 664	1 914	1 199	2 293	11 151	209 311
Transport equipment operatives	87 703	13 306	15.2	363	230	6 977	735	366	873	3 762	74 397
Laborers, except farm	119 354	17 441	14.6	604	216	7 996	801	472	1 206	6 146	101 913
Farm workers	41 672	5 045	12.1	76	–	1 481	118	717	150	2 503	36 627
Service workers, exc. private household	61 769	15 350	24.9	499	725	7 177	448	474	1 212	4 815	46 419
Private household workers	779	221	28.4	23	17	100	15	24	22	20	558
HIGH SCHOOL 4 YEARS											
Male employed, 20 to 24 years old	**1 794 165**	**643 096**	**35.8**	**77 613**	**13 083**	**351 050**	**65 677**	**16 757**	**35 205**	**83 711**	**1 151 069**
Professional, technical, and kindred workers	120 141	60 073	50.0	8 267	3 246	15 436	22 328	573	3 558	6 665	60 068
Managers and administrators, exc. farm	85 088	29 146	34.3	7 641	514	10 994	2 478	1 007	1 772	4 740	55 942
Sales workers	100 408	31 702	31.6	7 571	673	12 739	3 061	618	1 989	5 051	68 706
Clerical and kindred workers	198 607	67 376	33.9	24 542	1 295	22 131	4 204	913	4 783	9 508	131 231
Craftsmen, foremen, and kindred workers	463 992	205 510	44.3	8 778	1 779	149 695	15 256	2 788	7 731	19 483	258 482
Operatives, except transport	386 842	115 191	29.8	8 521	1 589	71 632	9 609	2 942	6 435	14 463	271 651
Transport equipment operatives	116 509	32 518	27.9	3 580	526	17 136	2 561	930	2 002	5 783	83 991
Laborers, except farm	154 513	40 660	26.3	4 471	777	20 440	3 325	1 696	2 374	7 577	113 853
Farm workers	52 645	13 859	26.3	853	101	4 714	523	4 529	445	2 694	38 786
Service workers, exc. private household	114 923	46 896	40.8	3 371	2 583	26 113	2 332	761	4 116	7 620	68 027
Private household workers	497	165	33.2	18	–	20	–	–	–	127	332
COLLEGE 1 TO 3 YEARS											
Male employed, 20 to 24 years old	**1 255 427**	**322 527**	**25.7**	**57 832**	**12 022**	**92 201**	**55 737**	**9 836**	**18 520**	**76 379**	**932 900**
Professional, technical, and kindred workers	236 214	75 826	32.1	9 850	4 514	11 348	26 270	780	4 111	18 953	160 388
Managers and administrators, exc. farm	82 376	22 394	27.2	7 783	762	4 741	2 442	947	1 376	4 343	59 982
Sales workers	124 758	26 154	21.0	7 589	891	5 384	2 596	697	1 976	7 021	98 604
Clerical and kindred workers	212 612	45 263	21.3	17 175	1 351	7 918	3 744	884	2 880	11 311	167 349
Craftsmen, foremen, and kindred workers	151 940	56 497	37.2	4 229	937	31 913	8 732	935	2 096	7 655	95 443
Operatives, except transport	120 350	29 893	24.8	3 700	665	11 810	4 945	958	1 353	6 462	90 457
Transport equipment operatives	55 972	11 093	19.8	1 288	302	3 559	1 098	515	934	3 397	44 879
Laborers, except farm	100 452	18 796	18.7	3 035	449	4 705	2 145	766	1 276	6 420	81 656
Farm workers	29 454	7 755	26.3	558	112	1 844	621	2 764	172	1 684	21 699
Service workers, exc. private household	140 843	28 793	20.4	2 602	2 039	8 959	3 144	590	2 346	9 113	112 050
Private household workers	456	63	13.8	23	–	20	–	–	–	20	393
COLLEGE 4 YEARS OR MORE											
Male employed, 20 to 24 years old	**498 446**	**74 833**	**15.0**	**13 471**	**3 169**	**7 560**	**11 594**	**2 464**	**7 711**	**28 864**	**423 613**
Professional, technical, and kindred workers	311 650	40 785	13.1	5 500	2 156	3 531	8 801	1 243	5 112	14 442	270 865
Managers and administrators, exc. farm	40 221	6 603	16.4	2 079	244	776	401	161	585	2 357	33 618
Sales workers	39 346	6 214	15.8	2 226	160	487	427	212	355	2 347	33 132
Clerical and kindred workers	41 732	6 901	16.5	2 100	198	477	519	109	591	2 907	34 831
Craftsmen, foremen, and kindred workers	16 258	4 388	27.0	396	51	1 178	668	124	175	1 796	11 870
Operatives, except transport	10 750	2 742	25.5	338	26	308	343	87	290	1 350	8 008
Transport equipment operatives	5 736	852	14.9	175	88	43	41	86	18	401	4 884
Laborers, except farm	9 932	1 834	18.5	310	36	247	194	76	103	868	8 098
Farm workers	5 271	1 160	22.0	40	–	40	40	345	50	645	4 111
Service workers, exc. private household	17 531	3 354	19.1	307	210	473	160	21	432	1 751	14 177
Private household workers	19	–	–	–	–	–	–	–	–	–	19

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 25 to 34 years old	**7 558 112**	**2 657 886**	**35.2**	**328 072**	**49 694**	**1 419 892**	**321 686**	**55 068**	**130 042**	**353 432**	**4 900 226**
Professional, technical, and kindred workers	715 269	368 167	51.5	52 731	15 836	102 333	141 501	3 038	19 861	32 867	347 102
Managers and administrators, exc. farm	702 945	233 158	33.2	63 163	5 533	92 289	26 806	4 849	13 659	26 859	469 787
Sales workers	507 812	163 086	32.1	47 082	3 983	58 349	17 144	2 582	9 963	23 983	344 726
Clerical and kindred workers	579 217	201 830	34.8	71 932	4 292	66 349	17 587	2 725	11 187	27 758	377 387
Craftsmen, foremen, and kindred workers	2 097 042	899 994	42.9	37 865	6 215	651 660	70 274	9 672	29 167	95 141	1 197 048
Operatives, except transport	1 258 421	341 097	27.1	22 100	3 880	210 902	23 286	7 567	16 955	56 407	917 324
Transport equipment operatives	554 400	120 869	21.8	10 453	1 931	64 915	6 873	3 790	7 261	25 646	433 531
Laborers, except farm	415 493	84 788	20.4	6 857	1 571	39 300	4 568	3 113	5 414	23 965	330 705
Farm workers	244 373	48 353	19.8	2 610	347	15 478	2 319	14 297	1 461	11 841	196 020
Service workers, exc. private household	481 837	196 023	40.7	13 208	6 023	118 229	11 310	3 368	15 095	28 790	285 814
Private household workers	1 303	521	40.0	71	83	88	18	67	19	175	782
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 25 to 34 years old	**2 372 858**	**546 370**	**23.0**	**25 852**	**5 432**	**306 777**	**23 673**	**8 959**	**27 200**	**148 477**	**1 826 488**
Professional, technical, and kindred workers	48 874	21 075	43.1	1 672	717	6 700	5 137	114	1 403	5 332	27 799
Managers and administrators, exc. farm	116 742	28 974	24.8	3 496	260	13 142	1 669	511	1 738	8 158	87 768
Sales workers	75 845	21 350	28.1	3 609	225	8 239	666	186	1 038	7 387	54 495
Clerical and kindred workers	95 551	23 847	25.0	4 903	421	7 918	917	287	1 197	8 204	71 704
Craftsmen, foremen, and kindred workers	735 757	217 496	29.6	4 970	999	148 644	7 510	1 395	8 149	45 829	518 261
Operatives, except transport	565 126	103 588	18.3	2 859	696	59 803	4 001	1 762	5 999	28 468	461 538
Transport equipment operatives	263 526	42 508	16.1	1 452	540	22 774	1 440	995	2 760	12 547	221 018
Laborers, except farm	217 612	29 756	13.7	1 031	365	11 811	1 026	828	1 764	12 931	187 856
Farm workers	100 675	12 480	12.4	174	42	3 244	246	1 929	408	6 437	88 195
Service workers, exc. private household	152 483	45 160	29.6	1 686	1 167	24 478	1 061	907	2 744	13 117	107 323
Private household workers	667	136	20.4	–	–	24	–	45	–	67	531
HIGH SCHOOL 4 YEARS											
Male employed, 25 to 34 years old	**3 690 042**	**1 489 952**	**40.4**	**176 431**	**23 646**	**880 929**	**154 605**	**34 739**	**68 317**	**151 285**	**2 200 090**
Professional, technical, and kindred workers	301 055	168 197	55.9	22 435	6 209	55 944	61 225	1 637	9 178	11 569	132 858
Managers and administrators, exc. farm	343 073	123 252	35.9	31 354	2 173	56 525	12 134	2 646	6 728	11 692	219 821
Sales workers	246 222	83 274	33.8	22 851	1 598	34 532	7 534	1 526	5 029	10 204	162 948
Clerical and kindred workers	313 555	115 253	36.8	40 936	2 431	42 778	8 336	1 715	6 153	12 904	198 302
Craftsmen, foremen, and kindred workers	1 112 468	550 443	49.5	23 651	3 539	418 680	38 667	7 010	16 463	42 433	562 025
Operatives, except transport	600 231	200 731	33.4	15 427	2 323	130 540	13 082	4 989	9 215	25 155	399 500
Transport equipment operatives	251 694	66 451	26.4	6 612	1 052	37 012	4 057	2 294	3 728	11 696	185 243
Laborers, except farm	164 996	44 632	27.1	4 210	838	23 157	2 443	1 679	2 894	9 411	120 364
Farm workers	115 504	27 173	23.5	1 571	214	9 565	1 316	9 573	770	4 164	88 331
Service workers, exc. private household	240 878	110 379	45.8	7 384	3 206	72 177	5 793	1 670	8 159	11 990	130 499
Private household workers	366	167	...	–	63	19	18	–	–	67	199
COLLEGE 1 TO 3 YEARS											
Male employed, 25 to 34 years old	**1 495 212**	**621 564**	**41.6**	**125 789**	**20 616**	**232 186**	**143 408**	**11 370**	**34 525**	**53 670**	**873 648**
Professional, technical, and kindred workers	365 340	178 895	49.0	28 624	8 910	39 689	75 139	1 287	9 280	15 966	186 445
Managers and administrators, exc. farm	243 130	80 932	33.3	28 313	3 100	22 622	13 003	1 692	5 193	7 009	162 198
Sales workers	185 745	58 462	31.5	20 622	2 160	15 578	8 944	870	3 896	6 392	127 283
Clerical and kindred workers	170 111	62 730	36.9	26 093	1 440	15 653	8 334	723	3 837	6 650	107 381
Craftsmen, foremen, and kindred workers	248 817	132 055	53.1	9 244	1 677	84 336	24 097	1 267	4 555	6 879	116 762
Operatives, except transport	93 064	36 778	39.5	3 814	861	20 559	6 203	816	1 741	2 784	56 286
Transport equipment operatives	39 180	11 910	30.4	2 389	339	5 129	1 376	501	773	1 403	27 270
Laborers, except farm	32 885	10 400	31.6	1 616	368	4 332	1 099	606	756	1 623	22 485
Farm workers	28 194	8 700	30.9	865	91	2 669	757	2 795	283	1 240	19 494
Service workers, exc. private household	88 476	40 484	45.8	4 138	1 650	21 574	4 456	791	4 192	3 683	47 992
Private household workers	270	218	...	71	20	45	–	22	19	41	52
COLLEGE 4 YEARS OR MORE											
Male employed, 25 to 34 years old	**1 995 692**	**365 391**	**18.3**	**72 874**	**26 916**	**67 985**	**77 660**	**11 350**	**37 796**	**70 810**	**1 630 301**
Professional, technical, and kindred workers	1 284 091	219 625	17.1	32 647	21 100	36 831	57 922	5 793	26 515	38 817	1 064 466
Managers and administrators, exc. farm	302 050	50 762	16.8	16 860	2 244	9 661	7 669	1 631	4 200	8 497	251 288
Sales workers	181 445	32 180	17.7	11 607	1 454	5 948	3 552	1 048	2 465	6 106	149 265
Clerical and kindred workers	95 163	21 935	23.0	7 003	928	3 973	2 391	404	1 806	5 430	73 228
Craftsmen, foremen, and kindred workers	58 893	18 621	31.6	2 018	414	6 665	4 171	268	920	4 165	40 272
Operatives, except transport	16 632	5 648	34.0	816	183	1 491	697	138	358	1 965	10 984
Transport equipment operatives	6 359	2 066	32.5	300	81	253	237	25	86	1 084	4 293
Laborers, except farm	8 692	2 553	29.4	262	77	498	224	59	260	1 173	6 139
Farm workers	16 979	4 181	24.6	344	–	383	274	1 791	229	1 160	12 798
Service workers, exc. private household	25 324	7 798	30.8	1 017	435	2 260	523	193	957	2 413	17 526
Private household workers	64	22	...	–	–	22	–	–	–	–	42

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 35 to 44 years old	**7 372 613**	**2 647 014**	**35.9**	**307 451**	**38 644**	**1 467 999**	**284 144**	**80 731**	**112 391**	**355 654**	**4 725 599**
Professional, technical, and kindred workers	591 824	320 071	54.1	40 628	9 308	103 422	119 538	3 372	16 910	26 893	271 753
Managers and administrators, exc. farm	915 145	335 035	36.6	79 198	6 031	152 299	39 767	8 525	16 229	32 986	580 110
Sales workers	499 091	168 864	33.8	48 990	3 578	64 648	16 927	3 956	8 734	22 031	330 227
Clerical and kindred workers	518 402	184 463	35.6	56 526	2 648	73 687	13 577	3 590	9 709	24 726	333 939
Craftsmen, foremen, and kindred workers	2 121 735	921 327	43.4	36 494	5 466	683 874	58 636	12 837	26 527	97 493	1 200 408
Operatives, except transport	1 037 147	280 022	27.0	16 317	3 036	172 510	16 075	8 314	11 624	52 146	757 125
Transport equipment operatives	544 766	113 817	20.9	9 351	1 745	60 006	5 075	4 335	6 217	27 088	430 949
Laborers, except farm	354 622	74 867	21.1	4 867	923	32 776	3 144	3 579	3 552	26 026	279 755
Farm workers	318 961	69 689	21.8	2 994	528	19 178	1 938	28 597	1 855	14 599	249 272
Service workers, exc. private household	469 172	178 473	38.0	12 022	5 345	105 577	9 467	3 626	11 034	31 402	290 699
Private household workers	1 748	386	22.1	64	36	22	–	–	–	264	1 362
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 35 to 44 years old	**3 236 878**	**864 112**	**26.7**	**46 273**	**8 445**	**513 260**	**37 486**	**28 010**	**35 215**	**195 423**	**2 372 766**
Professional, technical, and kindred workers	76 319	36 137	47.3	2 939	872	14 524	8 733	617	2 411	6 041	40 182
Managers and administrators, exc. farm	231 799	70 471	30.4	9 004	836	38 393	3 885	2 241	3 758	12 354	161 328
Sales workers	118 557	35 053	29.6	6 216	409	15 138	1 939	908	1 684	8 759	83 504
Clerical and kindred workers	147 994	42 769	28.9	7 622	641	18 513	1 711	1 050	2 297	10 935	105 225
Craftsmen, foremen, and kindred workers	1 037 526	351 370	33.9	8 762	1 724	255 096	12 102	5 080	10 429	58 177	686 156
Operatives, except transport	640 649	134 767	21.0	4 357	1 242	80 716	4 470	3 482	5 474	35 026	505 882
Transport equipment operatives	348 685	58 417	16.8	3 023	548	30 624	1 543	2 050	3 228	17 401	290 268
Laborers, except farm	245 242	39 796	16.2	1 490	472	15 291	938	1 853	1 874	17 878	205 446
Farm workers	167 312	27 960	16.7	639	164	7 528	477	9 137	739	9 276	139 352
Service workers, exc. private household	221 599	67 191	30.3	2 221	1 537	37 415	1 688	1 592	3 321	19 417	154 408
Private household workers	1 196	181	15.1	–	–	22	–	–	–	159	1 015
HIGH SCHOOL 4 YEARS											
Male employed, 35 to 44 years old	**3 021 731**	**1 284 172**	**42.5**	**155 652**	**17 398**	**762 526**	**131 119**	**42 174**	**54 111**	**121 192**	**1 737 559**
Professional, technical, and kindred workers	257 220	147 557	57.4	17 607	4 434	54 019	51 945	1 724	8 478	9 350	109 663
Managers and administrators, exc. farm	423 763	164 847	38.9	38 349	2 253	81 695	17 309	4 208	7 454	13 579	258 916
Sales workers	232 768	83 566	35.9	24 581	1 279	35 102	6 942	2 001	4 335	9 326	149 202
Clerical and kindred workers	265 074	99 498	37.5	31 136	1 266	42 813	6 848	1 821	5 522	10 092	165 576
Craftsmen, foremen, and kindred workers	905 034	468 744	51.8	19 810	2 552	363 085	29 594	6 655	12 941	34 107	436 290
Operatives, except transport	344 907	122 122	35.4	8 737	1 472	79 419	8 348	4 231	5 054	14 861	222 785
Transport equipment operatives	171 793	47 393	27.6	4 813	865	25 832	2 741	2 059	2 431	8 652	124 400
Laborers, except farm	95 282	29 588	31.1	2 388	353	15 212	1 649	1 350	1 341	7 295	65 694
Farm workers	130 463	34 775	26.7	1 627	266	9 995	1 037	16 537	945	4 368	95 688
Service workers, exc. private household	194 970	85 894	44.1	6 557	2 622	55 354	4 706	1 588	5 610	9 457	109 076
Private household workers	457	188	41.1	47	36	–	–	–	–	105	269
COLLEGE 1 TO 3 YEARS											
Male employed, 35 to 44 years old	**1 114 004**	**498 730**	**44.8**	**105 526**	**12 801**	**192 213**	**115 539**	**10 547**	**23 065**	**39 039**	**615 274**
Professional, technical, and kindred workers	258 285	136 377	52.8	20 082	4 002	34 879	58 860	1 031	6 021	11 502	121 908
Managers and administrators, exc. farm	259 583	99 717	38.4	31 845	2 942	32 211	18 573	2 076	5 017	7 053	159 866
Sales workers	147 766	50 245	34.0	18 193	1 890	14 408	8 046	1 047	2 715	3 946	97 521
Clerical and kindred workers	105 334	42 196	40.1	17 768	741	12 361	5 018	719	1 890	3 699	63 138
Craftsmen, foremen, and kindred workers	179 175	101 213	56.5	7 922	1 190	65 693	16 940	1 102	3 157	5 209	77 962
Operatives, except transport	51 591	23 133	44.8	3 223	322	12 375	3 257	601	1 096	2 259	28 458
Transport equipment operatives	24 288	8 007	33.0	1 515	332	3 550	791	226	558	1 035	16 281
Laborers, except farm	14 098	5 483	38.9	989	98	2 273	557	376	337	853	8 615
Farm workers	21 186	6 954	32.8	728	98	1 655	424	2 923	171	955	14 232
Service workers, exc. private household	52 603	25 388	48.3	3 244	1 186	12 808	3 073	446	2 103	2 528	27 215
Private household workers	95	17	...	17	–	–	–	–	–	–	78
COLLEGE 4 YEARS OR MORE											
Male employed, 35 to 44 years old	**1 784 313**	**421 209**	**23.6**	**80 883**	**29 444**	**101 238**	**102 162**	**11 927**	**38 328**	**57 227**	**1 363 104**
Professional, technical, and kindred workers	1 025 778	240 406	23.4	31 575	23 175	55 617	69 347	5 389	24 868	30 435	785 372
Managers and administrators, exc. farm	425 185	89 934	21.2	26 151	3 065	22 434	17 931	2 846	7 280	10 227	335 251
Sales workers	158 761	36 385	22.9	12 625	1 504	7 644	5 511	978	2 866	5 257	122 376
Clerical and kindred workers	69 097	19 130	27.7	6 346	690	4 244	2 562	336	1 400	3 552	49 967
Craftsmen, foremen, and kindred workers	54 864	19 232	35.1	2 412	385	7 195	5 026	348	828	3 038	35 632
Operatives, except transport	11 976	4 453	37.2	590	87	1 242	989	207	254	1 084	7 523
Transport equipment operatives	4 768	1 558	32.7	146	122	319	133	79	85	674	3 210
Laborers, except farm	4 469	1 795	40.2	158	21	534	76	123	83	800	2 674
Farm workers	13 397	3 068	22.9	199	18	347	206	1 517	102	679	10 329
Service workers, exc. private household	15 942	5 225	32.8	681	377	1 639	381	104	562	1 481	10 717
Private household workers	76	23	...	–	–	23	–	–	–	–	53

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 45 to 54 years old	**7 817 488**	**2 773 804**	**35.5**	**330 088**	**36 335**	**1 545 440**	**253 800**	**117 127**	**118 423**	**372 591**	**5 043 684**
Professional, technical, and kindred workers	536 014	288 467	53.8	41 122	7 353	103 456	91 500	3 848	16 214	24 974	247 547
Managers and administrators, exc. farm	1 060 975	393 247	37.1	95 510	6 418	183 001	41 595	11 519	19 805	35 399	667 728
Sales workers	556 470	195 373	35.1	58 021	2 945	75 798	16 131	5 148	11 455	25 875	361 097
Clerical and kindred workers	589 177	207 846	35.3	58 850	2 934	92 045	12 776	5 169	9 863	26 209	381 331
Craftsmen, foremen, and kindred workers	2 172 754	934 375	43.0	32 793	5 600	688 614	58 488	20 362	27 819	100 699	1 238 379
Operatives, except transport	1 092 911	307 505	28.1	15 274	2 699	190 240	14 831	13 861	12 422	58 178	785 406
Transport equipment operatives	510 301	105 834	20.7	7 346	1 223	54 369	4 369	7 463	4 475	26 589	404 467
Laborers, except farm	356 148	76 085	21.4	4 550	1 015	32 139	2 964	5 981	3 700	25 736	280 063
Farm workers	409 740	85 390	20.8	3 873	513	22 906	2 891	36 803	2 084	16 320	324 350
Service workers, exc. private household	530 470	179 002	33.7	12 625	5 589	102 700	8 255	6 901	10 547	32 385	351 468
Private household workers	2 528	680	26.9	124	46	172	–	72	39	227	1 848
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 45 to 54 years old	**3 897 729**	**1 072 966**	**27.5**	**57 599**	**10 644**	**635 528**	**45 578**	**60 661**	**42 080**	**220 876**	**2 824 763**
Professional, technical, and kindred workers	91 277	43 700	47.9	3 197	1 150	18 546	10 066	991	2 561	7 189	47 577
Managers and administrators, exc. farm	311 569	95 075	30.5	13 716	1 101	52 539	5 418	3 764	4 454	14 083	216 494
Sales workers	154 364	46 067	29.8	9 550	495	19 988	1 875	1 664	2 316	10 179	108 297
Clerical and kindred workers	198 273	56 231	28.4	8 901	610	27 201	2 330	1 972	2 572	12 645	142 042
Craftsmen, foremen, and kindred workers	1 210 436	424 702	35.1	9 367	2 127	307 548	15 482	12 015	13 374	64 789	785 734
Operatives, except transport	736 264	167 686	22.8	5 089	1 120	100 772	4 573	8 655	6 858	40 619	568 578
Transport equipment operatives	357 038	62 691	17.6	2 390	531	31 201	1 633	4 997	2 732	19 207	294 347
Laborers, except farm	264 267	46 309	17.5	1 512	484	18 279	1 083	3 713	1 900	19 338	217 958
Farm workers	258 851	43 849	16.9	872	127	10 567	718	19 052	872	11 641	215 002
Service workers, exc. private household	313 756	86 326	27.5	2 968	2 875	48 826	2 400	3 791	4 441	21 025	227 430
Private household workers	1 634	330	20.2	37	24	61	–	47	–	161	1 304
HIGH SCHOOL 4 YEARS											
Male employed, 45 to 54 years old	**2 906 001**	**1 238 000**	**42.6**	**165 636**	**16 547**	**727 129**	**118 011**	**44 941**	**50 976**	**114 760**	**1 668 001**
Professional, technical, and kindred workers	236 707	135 476	57.2	18 673	3 458	53 539	42 132	1 904	7 139	8 631	101 231
Managers and administrators, exc. farm	482 088	191 029	39.6	47 619	2 983	93 315	18 856	5 459	8 837	13 960	291 059
Sales workers	257 627	94 553	36.7	28 736	1 333	39 501	6 997	2 224	5 429	10 333	163 074
Clerical and kindred workers	288 935	108 591	37.6	32 240	1 449	51 463	5 670	2 449	5 008	10 312	180 344
Craftsmen, foremen, and kindred workers	808 630	421 677	52.1	16 830	2 652	323 793	28 729	7 069	11 389	31 215	386 953
Operatives, except transport	311 866	118 289	37.9	7 401	1 090	77 988	7 071	4 547	4 710	15 482	193 577
Transport equipment operatives	134 505	36 572	27.2	3 639	639	20 277	1 946	2 210	1 384	6 477	97 933
Laborers, except farm	79 556	24 627	31.0	2 216	531	11 884	1 345	1 867	1 397	5 387	54 929
Farm workers	125 521	32 657	26.0	1 695	202	10 143	1 343	14 684	1 003	3 587	92 864
Service workers, exc. private household	179 890	74 312	41.3	6 587	2 188	45 136	3 922	2 503	4 641	9 335	105 578
Private household workers	676	217	32.1	–	22	90	–	25	39	41	459
COLLEGE 1 TO 3 YEARS											
Male employed, 45 to 54 years old	**1 013 758**	**462 838**	**45.7**	**106 853**	**9 144**	**182 783**	**90 211**	**11 525**	**25 367**	**36 955**	**550 920**
Professional, technical, and kindred workers	208 030	109 291	52.5	19 252	2 745	31 371	39 302	953	6 514	9 154	98 739
Managers and administrators, exc. farm	267 318	107 143	40.1	34 175	2 334	37 147	17 321	2 296	6 514	7 356	160 175
Sales workers	144 479	54 753	37.9	19 735	1 117	16 309	7 259	1 260	3 710	5 363	89 726
Clerical and kindred workers	101 969	43 024	42.2	17 709	875	13 381	4 776	748	2 283	3 252	58 945
Craftsmen, foremen, and kindred workers	153 688	87 996	57.3	6 596	821	57 273	14 277	1 278	3 056	4 695	65 692
Operatives, except transport	44 781	21 530	48.1	2 784	489	11 480	3 187	659	854	2 077	23 251
Transport equipment operatives	18 758	6 571	35.0	1 317	53	2 891	790	256	359	905	12 187
Laborers, except farm	12 325	5 149	41.8	822	–	1 976	536	401	403	1 011	7 176
Farm workers	25 368	8 884	35.0	1 306	184	2 196	830	3 067	209	1 092	16 484
Service workers, exc. private household	36 824	18 364	49.9	3 070	526	8 738	1 933	607	1 465	2 025	18 460
Private household workers	218	133	...	87	–	21	–	–	–	25	85
COLLEGE 4 YEARS OR MORE											
Male employed, 45 to 54 years old	**1 275 909**	**331 432**	**26.0**	**60 196**	**21 507**	**85 056**	**79 667**	**9 990**	**31 125**	**43 891**	**944 477**
Professional, technical, and kindred workers	699 665	180 972	25.9	22 962	17 626	45 258	49 174	4 826	18 899	22 227	518 693
Managers and administrators, exc. farm	329 846	78 286	23.7	20 609	2 101	18 769	18 206	2 446	6 795	9 360	251 560
Sales workers	107 779	26 514	24.6	8 381	534	6 143	4 450	585	2 453	3 968	81 265
Clerical and kindred workers	54 487	15 166	27.8	4 750	346	4 106	1 784	446	1 307	2 427	39 321
Craftsmen, foremen, and kindred workers	41 735	15 556	37.3	1 451	291	6 800	3 947	343	597	2 127	26 179
Operatives, except transport	10 382	3 998	38.5	468	125	1 289	888	146	256	826	6 384
Transport equipment operatives	3 712	1 534	41.3	220	40	385	164	84	110	531	2 178
Laborers, except farm	3 876	1 471	38.0	102	–	222	245	37	59	806	2 405
Farm workers	11 314	3 257	28.8	337	100	638	435	957	140	650	8 057
Service workers, exc. private household	13 050	4 654	35.7	916	344	1 422	374	120	509	969	8 396
Private household workers	63	24	...	–	–	24	–	–	–	–	39

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 55 to 64 years old	**5 640 152**	**1 506 278**	**26.7**	**234 026**	**20 753**	**737 123**	**123 972**	**44 411**	**62 024**	**283 969**	**4 133 874**
Professional, technical, and kindred workers	314 323	134 591	42.8	27 760	6 392	34 039	40 150	1 547	8 726	15 977	179 732
Managers and administrators, exc. farm	737 058	211 163	28.6	66 457	3 541	76 807	20 287	5 481	10 419	28 171	525 895
Sales workers	412 234	109 596	26.6	41 094	1 619	31 193	8 162	2 363	5 565	19 600	302 638
Clerical and kindred workers	415 726	115 970	27.9	43 199	1 231	38 600	7 132	1 789	4 492	19 527	299 756
Craftsmen, foremen, and kindred workers	1 436 489	487 979	34.0	22 510	2 340	337 950	30 445	6 866	14 135	73 733	948 510
Operatives, except transport	781 197	172 818	22.1	9 700	841	100 240	8 625	4 112	6 512	42 788	608 379
Transport equipment operatives	317 848	54 791	17.2	5 521	577	21 899	1 838	2 310	2 379	20 267	263 057
Laborers, except farm	287 984	44 626	15.5	2 772	302	17 172	1 371	2 744	1 447	18 818	243 358
Farm workers	410 454	46 734	11.4	3 988	330	11 974	1 597	13 477	970	14 398	363 720
Service workers, exc. private household	524 004	127 304	24.3	10 987	3 580	67 041	4 365	3 642	7 314	30 375	396 700
Private household workers	2 835	706	24.9	38	–	208	–	80	65	315	2 129
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 55 to 64 years old	**3 567 425**	**785 836**	**22.0**	**64 048**	**6 656**	**429 407**	**36 179**	**23 880**	**29 579**	**196 087**	**2 781 589**
Professional, technical, and kindred workers	81 414	32 199	39.5	4 274	1 068	11 031	7 964	346	2 248	5 268	49 215
Managers and administrators, exc. farm	303 304	74 428	24.5	14 938	707	34 826	4 773	2 020	3 625	13 539	228 876
Sales workers	172 057	41 283	24.0	11 376	376	14 675	1 595	821	1 805	10 635	130 774
Clerical and kindred workers	198 267	45 801	23.1	11 643	491	17 743	2 237	593	1 668	11 426	152 466
Craftsmen, foremen, and kindred workers	1 008 630	298 074	29.6	8 544	824	207 825	12 414	4 064	9 013	55 390	710 556
Operatives, except transport	607 744	113 824	18.7	4 376	526	65 164	3 389	2 643	4 247	33 479	493 920
Transport equipment operatives	249 083	37 111	14.9	2 309	316	14 937	829	1 430	1 338	15 952	211 972
Laborers, except farm	238 049	31 246	13.1	1 027	153	11 672	632	1 761	806	15 195	206 803
Farm workers	314 235	29 259	9.3	1 281	159	7 416	679	7 727	542	11 455	284 976
Service workers, exc. private household	392 491	82 113	20.9	4 259	2 036	44 021	1 667	2 414	4 240	23 476	310 378
Private household workers	2 151	498	23.2	21	–	97	–	61	47	272	1 653
HIGH SCHOOL 4 YEARS											
Male employed, 55 to 64 years old	**1 479 047**	**506 199**	**34.2**	**105 348**	**7 428**	**244 381**	**49 576**	**14 576**	**20 487**	**64 403**	**972 848**
Professional, technical, and kindred workers	115 775	53 869	46.5	12 015	2 280	14 376	16 733	608	3 354	4 503	61 906
Managers and administrators, exc. farm	274 031	86 423	31.5	30 477	1 358	30 409	8 503	2 110	4 065	9 501	187 608
Sales workers	154 530	43 329	28.0	18 384	513	12 127	3 112	1 036	2 330	5 827	111 201
Clerical and kindred workers	154 822	48 737	31.5	20 939	371	16 450	2 717	850	1 786	5 624	106 085
Craftsmen, foremen, and kindred workers	347 350	151 495	43.6	9 997	1 111	107 657	11 505	2 074	3 451	15 700	195 855
Operatives, except transport	146 626	48 413	33.0	3 611	219	30 011	3 507	1 170	1 684	8 211	98 213
Transport equipment operatives	58 858	14 198	24.1	2 223	146	5 857	666	647	817	3 842	44 660
Laborers, except farm	42 433	10 997	25.9	1 204	131	4 592	445	835	499	3 291	31 436
Farm workers	77 840	13 184	16.9	1 727	127	3 816	645	4 376	227	2 266	64 656
Service workers, exc. private household	106 270	35 366	33.3	4 754	1 172	18 975	1 743	851	2 256	5 615	70 904
Private household workers	512	188	36.7	17	–	111	–	19	18	23	324
COLLEGE 1 TO 3 YEARS											
Male employed, 55 to 64 years old	**593 680**	**214 243**	**36.1**	**64 630**	**6 669**	**63 335**	**38 217**	**5 955**	**11 958**	**23 479**	**379 437**
Professional, technical, and kindred workers	117 134	48 523	41.4	11 471	3 044	8 632	15 453	593	3 124	6 206	68 611
Managers and administrators, exc. farm	159 723	50 312	31.5	21 042	1 476	11 572	7 011	1 351	2 729	5 131	109 411
Sales workers	85 647	24 984	29.2	11 334	730	4 391	3 455	506	1 430	3 138	60 663
Clerical and kindred workers	62 637	21 432	34.2	10 617	369	4 407	2 178	346	1 038	2 477	41 205
Craftsmen, foremen, and kindred workers	80 509	38 410	47.7	3 969	405	22 468	6 526	728	1 671	2 643	42 099
Operatives, except transport	26 827	10 581	39.4	1 713	96	5 065	1 729	299	581	1 098	16 246
Transport equipment operatives	9 907	3 482	35.1	989	115	1 105	343	233	224	473	6 425
Laborers, except farm	7 502	2 383	31.8	541	18	908	294	148	142	332	5 119
Farm workers	18 379	4 291	23.3	980	44	742	273	1 374	201	677	14 088
Service workers, exc. private household	25 243	9 825	38.9	1 974	372	4 045	955	377	818	1 284	15 418
Private household workers	172	20	...	–	–	–	–	–	–	20	152
COLLEGE 4 YEARS OR MORE											
Male employed, 55 to 64 years old	**683 570**	**154 732**	**22.6**	**34 248**	**14 054**	**22 147**	**31 238**	**4 894**	**19 188**	**28 963**	**528 838**
Professional, technical, and kindred workers	369 947	83 324	22.5	12 895	12 486	9 516	18 546	2 077	12 403	15 401	286 623
Managers and administrators, exc. farm	167 818	32 489	19.4	11 017	547	4 218	6 330	1 058	3 643	5 676	135 329
Sales workers	53 427	12 195	22.8	4 808	341	1 530	1 766	452	904	2 394	41 232
Clerical and kindred workers	35 987	8 178	22.7	3 235	210	1 392	1 155	205	744	1 237	27 809
Craftsmen, foremen, and kindred workers	25 003	9 724	38.9	795	188	3 751	2 402	180	759	1 649	15 279
Operatives, except transport	7 804	2 783	35.7	370	120	817	429	142	177	728	5 021
Transport equipment operatives	2 703	705	26.1	110	–	92	44	49	101	309	1 998
Laborers, except farm	2 925	916	31.3	192	–	88	150	84	14	388	2 009
Farm workers	10 117	1 932	19.1	267	40	312	183	573	207	350	8 185
Service workers, exc. private household	7 714	2 467	32.0	559	122	431	233	74	217	831	5 247
Private household workers	125	19	...	–	–	–	–	–	19	–	106

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 65 years old and over	**1 622 580**	**381 229**	**23.5**	**81 814**	**7 961**	**141 023**	**24 876**	**10 342**	**15 768**	**99 445**	**1 241 351**
Professional, technical, and kindred workers	94 467	36 664	38.8	9 903	4 024	5 858	6 522	392	3 555	6 410	57 803
Managers and administrators, exc. farm	217 556	54 289	25.0	20 158	995	15 993	4 464	1 268	1 970	9 441	163 267
Sales workers	176 513	40 898	23.2	18 176	455	8 739	2 124	651	1 886	8 867	135 615
Clerical and kindred workers	126 996	33 540	26.4	14 644	443	7 647	1 587	488	1 033	7 698	93 456
Craftsmen, foremen, and kindred workers	273 671	89 793	32.8	5 416	524	53 204	5 273	1 165	2 775	21 436	183 878
Operatives, except transport	127 851	28 308	22.1	2 343	182	11 426	1 298	413	979	11 667	99 543
Transport equipment operatives	60 418	10 573	17.5	1 195	122	3 222	312	262	223	5 237	49 845
Laborers, except farm	83 357	13 887	16.7	1 399	43	4 247	460	913	288	6 537	69 470
Farm workers	217 993	21 621	9.9	2 913	106	5 847	645	3 631	459	8 020	196 372
Service workers, exc. private household	241 202	51 237	21.2	5 632	1 021	24 639	2 191	1 159	2 541	14 054	189 965
Private household workers	2 556	419	16.4	35	46	201	–	–	59	78	2 137
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 65 years old and over	**1 174 382**	**239 146**	**20.4**	**34 965**	**2 503**	**100 503**	**10 458**	**6 210**	**8 829**	**75 678**	**935 236**
Professional, technical, and kindred workers	32 558	12 749	39.2	3 053	799	2 891	2 213	161	1 431	2 201	19 809
Managers and administrators, exc. farm	122 514	26 929	22.0	7 672	355	10 033	1 597	562	1 056	5 654	95 585
Sales workers	101 847	20 880	20.5	7 744	84	5 419	654	300	933	5 746	80 967
Clerical and kindred workers	74 896	17 459	23.3	6 441	131	4 846	458	258	436	4 889	57 437
Craftsmen, foremen, and kindred workers	219 562	65 496	29.8	2 535	297	39 397	2 853	678	1 964	17 772	154 066
Operatives, except transport	107 074	21 450	20.0	1 356	133	8 424	557	285	626	10 069	85 624
Transport equipment operatives	50 504	7 927	15.7	584	61	2 355	172	172	167	4 416	42 577
Laborers, except farm	73 785	11 049	15.0	775	23	3 113	280	695	226	5 937	62 736
Farm workers	186 835	16 374	8.8	1 875	41	4 563	416	2 306	241	6 932	170 461
Service workers, exc. private household	202 828	38 561	19.0	2 895	559	19 326	1 258	793	1 707	12 023	164 267
Private household workers	1 979	272	13.7	35	20	136	–	–	42	39	1 707
HIGH SCHOOL 4 YEARS											
Male employed, 65 years old and over	**285 515**	**88 858**	**31.1**	**27 582**	**2 332**	**30 280**	**6 927**	**2 374**	**3 855**	**15 508**	**196 657**
Professional, technical, and kindred workers	26 864	11 363	42.3	3 471	1 276	1 876	1 925	60	983	1 772	15 501
Managers and administrators, exc. farm	55 613	15 688	28.2	6 902	322	4 147	1 268	387	504	2 158	39 925
Sales workers	46 151	11 880	25.7	6 086	135	2 246	520	171	601	2 121	34 271
Clerical and kindred workers	33 526	10 019	29.9	5 231	148	1 926	589	171	336	1 618	23 507
Craftsmen, foremen, and kindred workers	41 775	18 752	44.9	1 935	130	11 254	1 384	285	558	3 206	23 023
Operatives, except transport	15 898	4 900	30.8	486	–	2 376	450	106	165	1 317	10 998
Transport equipment operatives	7 997	1 980	24.8	473	40	710	53	44	19	641	6 017
Laborers, except farm	7 021	1 891	26.9	428	–	747	86	107	48	475	5 130
Farm workers	20 959	3 077	14.7	691	20	765	54	760	102	685	17 882
Service workers, exc. private household	29 219	9 178	31.4	1 879	235	4 168	598	283	539	1 476	20 041
Private household workers	492	130	26.4	–	26	65	–	–	–	39	362
COLLEGE 1 TO 3 YEARS											
Male employed, 65 years old and over	**162 683**	**53 225**	**32.7**	**19 267**	**3 126**	**10 240**	**7 491**	**1 758**	**3 084**	**8 259**	**109 458**
Professional, technical, and kindred workers	35 045	12 552	35.8	3 379	1 949	1 091	2 384	171	1 141	2 437	22 493
Managers and administrators, exc. farm	39 429	11 672	29.6	5 584	318	1 813	1 599	319	410	1 629	27 757
Sales workers	28 515	8 138	28.5	4 346	236	1 074	950	180	352	1 000	20 377
Clerical and kindred workers	18 574	6 062	32.6	2 972	164	875	540	59	261	1 191	12 512
Craftsmen, foremen, and kindred workers	12 334	5 545	45.0	946	97	2 553	1 036	202	253	458	6 789
Operatives, except transport	4 879	1 958	40.1	501	49	626	291	22	188	281	2 921
Transport equipment operatives	1 917	666	34.7	138	21	157	87	46	37	180	1 251
Laborers, except farm	2 551	947	37.1	196	20	387	94	111	14	125	1 604
Farm workers	10 199	2 170	21.3	347	45	519	175	565	116	403	8 029
Service workers, exc. private household	9 155	3 498	38.2	858	227	1 145	335	83	295	555	5 657
Private household workers	85	17	...	–	–	–	–	–	17	–	68
COLLEGE 4 YEARS OR MORE											
Male employed, 65 years old and over	**208 631**	**53 435**	**25.6**	**10 301**	**7 710**	**4 656**	**9 057**	**1 838**	**8 128**	**11 745**	**155 196**
Professional, technical, and kindred workers	122 367	31 832	26.0	4 358	7 040	1 889	4 894	525	6 156	6 970	90 535
Managers and administrators, exc. farm	36 250	7 903	21.8	2 343	327	670	1 886	238	723	1 716	28 347
Sales workers	19 579	4 722	24.1	1 810	128	441	783	187	438	935	14 857
Clerical and kindred workers	11 563	2 882	24.9	1 079	36	269	506	113	395	484	8 681
Craftsmen, foremen, and kindred workers	5 328	1 968	36.9	177	20	635	579	56	35	466	3 360
Operatives, except transport	1 803	483	26.8	42	–	83	98	43	62	155	1 320
Transport equipment operatives	721	209	29.0	22	–	61	–	39	22	65	512
Laborers, except farm	1 205	485	40.2	18	22	42	–	39	60	304	720
Farm workers	5 559	1 517	27.3	199	62	209	131	522	94	300	4 042
Service workers, exc. private household	4 237	1 434	33.8	253	75	357	180	76	143	350	2 803
Private household workers	19	–	–	–	–	–	–	–	–	–	19

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 years old and over	**22 512 407**	**6 378 967**	**28.3**	**2 877 139**	**1 182 994**	**834 359**	**43 033**	**82 718**	**177 591**	**1 181 133**	**16 133 440**
Professional, technical, and kindred workers	1 916 371	1 003 596	52.4	148 979	625 945	34 632	17 026	7 072	42 336	127 606	912 775
Managers and administrators, exc. farm	863 216	244 287	28.3	138 604	23 057	27 959	2 472	5 688	10 125	36 382	618 929
Sales workers	1 969 430	411 549	20.9	188 195	25 704	52 202	2 527	7 147	16 837	118 937	1 557 881
Clerical and kindred workers	9 000 592	2 814 664	31.3	2 081 915	111 532	151 232	8 893	18 403	51 381	391 308	6 185 928
Craftsmen, foremen, and kindred workers	452 167	109 309	24.2	28 265	7 123	39 841	3 020	3 401	5 298	22 361	342 858
Operatives, except transport	3 426 872	472 799	13.8	109 618	26 720	112 592	4 349	14 633	15 526	189 361	2 954 073
Transport equipment operatives	118 722	24 140	20.3	7 041	1 933	5 073	213	592	780	8 508	94 582
Laborers, except farm	226 508	33 189	14.7	8 902	2 991	6 142	352	872	1 468	12 462	193 319
Farm workers	180 295	28 132	15.6	7 483	2 368	3 331	196	2 748	909	11 097	152 163
Service workers, exc. private household	3 842 549	1 166 478	30.4	140 179	341 007	394 548	3 831	19 427	30 246	237 240	2 676 071
Private household workers	515 685	70 824	13.7	17 958	14 614	6 807	154	2 735	2 685	25 871	444 861
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 years old and over	**8 204 045**	**1 474 534**	**18.0**	**431 362**	**201 040**	**273 513**	**6 985**	**30 062**	**37 687**	**493 885**	**6 729 511**
Professional, technical, and kindred workers	249 896	97 289	38.9	15 681	46 419	6 311	1 358	1 436	4 642	21 442	152 607
Managers and administrators, exc. farm	254 839	50 616	19.9	21 599	3 842	8 745	317	1 772	1 665	12 676	204 223
Sales workers	799 634	118 718	14.8	41 236	5 151	15 823	469	2 281	3 644	50 114	680 916
Clerical and kindred workers	1 696 433	437 832	25.8	269 703	13 990	28 943	1 082	3 420	7 360	113 334	1 258 601
Craftsmen, foremen, and kindred workers	225 707	38 864	17.2	6 558	1 922	15 471	523	1 234	1 692	11 464	186 843
Operatives, except transport	2 255 478	237 841	10.5	30 380	11 008	59 787	1 573	6 715	6 613	121 765	2 017 637
Transport equipment operatives	56 047	8 712	15.5	1 565	675	1 999	68	267	300	3 838	47 335
Laborers, except farm	136 016	14 146	10.4	2 309	983	2 748	113	366	598	7 029	121 870
Farm workers	110 821	11 452	10.3	1 458	692	1 169	64	1 191	228	6 650	99 369
Service workers, exc. private household	2 050 852	420 903	20.5	35 064	109 227	128 738	1 304	9 947	9 767	126 856	1 629 949
Private household workers	368 322	38 161	10.4	5 809	7 131	3 779	114	1 433	1 178	18 717	330 161
HIGH SCHOOL 4 YEARS											
Female employed, 16 years old and over	**10 715 070**	**3 530 917**	**33.0**	**1 834 314**	**575 394**	**478 780**	**21 199**	**40 130**	**84 809**	**496 291**	**7 184 153**
Professional, technical, and kindred workers	802 849	461 290	57.5	81 251	295 897	17 741	7 689	3 260	16 537	38 915	341 559
Managers and administrators, exc. farm	432 883	133 578	30.9	82 449	10 717	14 923	1 324	2 705	4 675	16 785	299 305
Sales workers	907 633	222 622	24.5	111 289	13 043	31 151	1 209	3 560	7 981	54 389	685 011
Clerical and kindred workers	5 561 757	1 785 247	32.1	1 367 579	61 963	102 700	5 070	10 691	28 850	208 394	3 776 510
Craftsmen, foremen, and kindred workers	187 677	55 542	29.6	16 616	3 570	20 416	1 701	1 630	2 577	9 032	132 135
Operatives, except transport	1 080 848	207 648	19.2	68 760	12 433	47 864	2 147	7 131	7 110	62 203	873 200
Transport equipment operatives	53 678	12 853	23.9	4 390	962	2 641	85	279	372	4 124	40 825
Laborers, except farm	77 697	15 308	19.7	5 480	1 529	2 712	146	452	538	4 451	62 389
Farm workers	55 581	12 312	22.2	4 488	1 027	1 836	121	1 279	348	3 213	43 269
Service workers, exc. private household	1 436 398	599 545	41.7	83 020	168 804	234 196	1 667	8 063	14 920	88 875	836 853
Private household workers	118 069	24 972	21.2	8 992	5 449	2 600	40	1 080	901	5 910	93 097
COLLEGE 1 TO 3 YEARS											
Female employed, 16 years old and over	**3 593 292**	**1 373 516**	**38.2**	**611 463**	**406 560**	**82 066**	**14 849**	**12 526**	**55 095**	**190 957**	**2 219 776**
Professional, technical, and kindred workers	863 626	445 017	51.5	52 047	283 629	10 580	7 979	2 376	21 157	67 249	418 609
Managers and administrators, exc. farm	175 494	60 093	34.2	34 556	8 498	4 291	831	1 211	3 785	6 921	115 401
Sales workers	262 163	70 209	26.8	35 670	7 510	5 228	849	1 306	5 212	14 434	191 954
Clerical and kindred workers	1 742 402	591 585	34.0	444 633	35 579	19 589	2 741	4 292	15 171	69 580	1 150 817
Craftsmen, foremen, and kindred workers	38 783	14 903	38.4	5 091	1 631	3 954	796	537	1 029	1 865	23 880
Operatives, except transport	90 546	27 310	30.2	10 478	3 279	4 941	629	787	1 803	5 393	63 236
Transport equipment operatives	8 997	2 575	28.6	1 086	296	433	60	46	108	546	6 422
Laborers, except farm	12 795	3 735	29.2	1 113	479	682	93	54	332	982	9 060
Farm workers	13 893	4 368	31.4	1 537	649	326	11	278	333	1 234	9 525
Service workers, exc. private household	355 299	146 030	41.1	22 095	62 976	31 614	860	1 417	5 559	21 509	209 269
Private household workers	29 294	7 691	26.3	3 157	2 034	428	–	222	606	1 244	21 603
COLLEGE 4 YEARS OR MORE											
Female employed, 16 years old and over	**2 862 894**	**552 984**	**19.3**	**109 058**	**145 446**	**18 259**	**9 792**	**22 339**	**101 561**	**146 529**	**2 309 910**
Professional, technical, and kindred workers	2 216 325	393 183	17.7	54 702	123 985	11 521	7 634	17 287	84 042	94 012	1 823 142
Managers and administrators, exc. farm	139 056	28 505	20.5	8 805	6 907	1 246	748	1 022	3 992	5 785	110 551
Sales workers	69 547	17 452	25.1	4 703	1 551	711	330	750	1 813	7 594	52 095
Clerical and kindred workers	346 355	83 338	24.1	37 329	6 413	2 022	675	1 885	7 916	27 098	263 017
Craftsmen, foremen, and kindred workers	11 503	3 050	26.5	708	235	395	180	254	383	895	8 453
Operatives, except transport	15 623	5 171	33.1	640	379	521	67	123	1 019	2 422	10 452
Transport equipment operatives	1 286	401	31.2	76	59	23	–	–	42	201	885
Laborers, except farm	2 005	414	20.6	20	77	81	–	39	37	160	1 591
Farm workers	4 533	1 194	26.3	118	106	133	37	185	186	429	3 339
Service workers, exc. private household	50 123	18 225	36.4	1 688	5 296	1 546	102	588	1 731	7 274	31 898
Private household workers	6 538	2 051	31.4	269	438	60	19	206	400	659	4 487

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 to 19 years old	**2 115 525**	**357 290**	**16.9**	**163 303**	**38 557**	**41 658**	**2 281**	**7 133**	**10 717**	**93 641**	**1 758 235**
Professional, technical, and kindred workers	75 164	16 539	22.0	3 469	6 312	815	538	177	1 025	4 203	58 625
Managers and administrators, exc. farm	11 096	2 281	20.6	1 110	81	199	60	64	170	597	8 815
Sales workers	278 285	26 998	9.7	10 610	1 513	2 778	87	788	1 327	9 895	251 287
Clerical and kindred workers	939 349	195 731	20.8	127 663	6 205	8 743	811	1 933	4 717	45 659	743 618
Craftsmen, foremen, and kindred workers	19 122	3 101	16.2	752	214	816	109	213	81	916	16 021
Operatives, except transport	166 076	18 264	11.0	6 282	668	3 353	229	1 007	775	5 950	147 812
Transport equipment operatives	4 993	679	13.6	204	18	145	20	67	59	166	4 314
Laborers, except farm	28 353	2 716	9.6	805	98	410	34	52	133	1 184	25 637
Farm workers	17 595	1 723	9.8	456	–	120	21	313	22	791	15 872
Service workers, exc. private household	497 661	85 016	17.1	10 448	22 993	23 916	372	2 090	2 283	22 914	412 645
Private household workers	77 831	4 242	5.5	1 504	455	363	–	429	125	1 366	73 589
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 to 19 years old	**1 004 946**	**93 797**	**9.3**	**33 464**	**8 678**	**11 269**	**660**	**3 503**	**2 973**	**33 250**	**911 149**
Professional, technical, and kindred workers	22 491	2 996	13.3	590	564	219	96	44	355	1 128	19 495
Managers and administrators, exc. farm	3 237	369	11.4	120	40	61	19	18	23	88	2 868
Sales workers	170 510	11 369	6.7	4 511	431	980	19	447	442	4 539	159 141
Clerical and kindred workers	299 185	37 506	12.5	21 234	875	1 406	223	613	1 000	12 155	261 679
Craftsmen, foremen, and kindred workers	8 660	788	9.1	85	45	344	–	64	59	191	7 872
Operatives, except transport	91 678	6 493	7.1	1 628	198	1 323	112	377	245	2 610	85 185
Transport equipment operatives	3 089	324	10.5	88	18	89	–	42	41	46	2 765
Laborers, except farm	18 669	1 201	6.4	173	19	302	15	–	47	645	17 468
Farm workers	13 971	844	6.0	230	–	46	21	195	–	352	13 127
Service workers, exc. private household	310 406	29 373	9.5	4 025	6 179	6 266	155	1 381	722	10 645	281 033
Private household workers	63 050	2 534	4.0	780	309	233	–	322	39	851	60 516
HIGH SCHOOL 4 YEARS											
Female employed, 16 to 19 years old	**900 074**	**221 263**	**24.6**	**112 721**	**23 013**	**27 966**	**1 200**	**3 147**	**6 445**	**46 771**	**678 811**
Professional, technical, and kindred workers	33 787	9 558	28.3	2 349	4 038	449	288	113	497	1 824	24 229
Managers and administrators, exc. farm	6 086	1 578	25.9	778	20	120	21	46	123	470	4 508
Sales workers	83 136	12 981	15.6	5 159	826	1 627	33	272	753	4 311	70 155
Clerical and kindred workers	528 177	134 275	25.4	92 636	4 215	6 586	485	1 099	3 102	26 152	393 902
Craftsmen, foremen, and kindred workers	9 008	1 931	21.4	574	131	458	80	149	–	539	7 077
Operatives, except transport	68 731	10 646	15.5	4 292	340	1 811	117	585	509	2 992	58 085
Transport equipment operatives	1 458	332	22.8	116	–	56	20	25	18	97	1 126
Laborers, except farm	8 139	1 247	15.3	592	50	91	–	52	43	419	6 892
Farm workers	3 159	795	25.2	226	–	74	–	118	22	355	2 364
Service workers, exc. private household	146 540	46 605	31.8	5 434	13 285	16 564	156	601	1 292	9 273	99 935
Private household workers	11 853	1 315	11.1	565	108	130	–	87	86	339	10 538
COLLEGE 1 TO 3 YEARS											
Female employed, 16 to 19 years old	**210 505**	**42 230**	**20.1**	**17 118**	**6 866**	**2 423**	**421**	**483**	**1 299**	**13 620**	**168 275**
Professional, technical, and kindred workers	18 886	3 985	21.1	530	1 710	147	154	20	173	1 251	14 901
Managers and administrators, exc. farm	1 773	334	18.8	212	21	18	20	–	24	39	1 439
Sales workers	24 639	2 648	10.7	940	256	171	35	69	132	1 045	21 991
Clerical and kindred workers	111 987	23 950	21.4	13 793	1 115	751	103	221	615	7 352	88 037
Craftsmen, foremen, and kindred workers	1 454	382	26.3	93	38	14	29	–	22	186	1 072
Operatives, except transport	5 667	1 125	19.9	362	130	219	–	45	21	348	4 542
Transport equipment operatives	446	23	5.2	–	–	–	–	–	–	23	423
Laborers, except farm	1 545	268	17.3	40	29	17	19	–	43	120	1 277
Farm workers	465	84	18.1	–	–	–	–	–	–	84	381
Service workers, exc. private household	40 715	9 038	22.2	989	3 529	1 086	61	108	269	2 996	31 677
Private household workers	2 928	393	13.4	159	38	–	–	20	–	176	2 535
COLLEGE 4 YEARS OR MORE											
Female employed, 16 to 19 years old	**790**	**151**	**19.1**	**25**	**41**	**21**	–	–	–	**64**	**639**
Professional, technical, and kindred workers	350	18	...	–	18	–	–	–	–	–	332
Managers and administrators, exc. farm	63	39	...	–	–	21	–	–	–	18	24
Sales workers	–	–	–	–	–	–	–	–	–	–	–
Clerical and kindred workers	234	71	...	25	–	–	–	–	–	46	163
Craftsmen, foremen, and kindred workers	24	–	–	–	–	–	–	–	–	–	24
Operatives, except transport	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	23	–	–	–	–	–	–	–	–	–	23
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	32	–	–	–	–	–	–	–	–	–	32
Service workers, exc. private household	64	23	...	–	23	–	–	–	–	–	41
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 20 to 24 years old	**3 319 288**	**1 069 455**	**32.2**	**466 640**	**208 214**	**170 564**	**7 489**	**10 567**	**27 849**	**178 132**	**2 249 833**
Professional, technical, and kindred workers	316 926	162 061	51.1	16 036	106 534	5 400	3 485	680	5 250	24 676	154 865
Managers and administrators, exc. farm	51 832	15 595	30.1	7 508	946	2 321	79	255	793	3 693	36 237
Sales workers	189 671	42 528	22.4	14 575	3 000	6 894	258	1 096	1 842	14 863	147 143
Clerical and kindred workers	1 753 617	533 471	30.4	387 523	23 626	33 227	1 769	3 450	10 887	72 989	1 220 146
Craftsmen, foremen, and kindred workers	45 483	13 221	29.1	2 842	1 202	4 520	497	421	648	3 091	32 262
Operatives, except transport	364 306	57 516	15.8	15 886	3 787	12 788	560	2 336	2 051	20 108	306 790
Transport equipment operatives	9 226	2 011	21.8	502	95	318	22	–	35	1 039	7 215
Laborers, except farm	28 976	5 892	20.3	1 670	534	1 360	114	159	362	1 693	23 084
Farm workers	12 639	2 470	19.5	435	306	259	–	104	36	1 330	10 169
Service workers, exc. private household	511 136	228 503	44.7	17 753	66 949	102 701	661	1 707	5 714	33 018	282 633
Private household workers	35 476	6 187	17.4	1 910	1 235	776	44	359	231	1 632	29 289
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 20 to 24 years old	**452 953**	**93 151**	**20.6**	**19 660**	**8 998**	**23 550**	**398**	**1 840**	**2 734**	**35 971**	**359 802**
Professional, technical, and kindred workers	13 609	4 835	35.5	487	1 462	398	124	–	288	2 076	8 774
Managers and administrators, exc. farm	5 837	1 562	26.8	497	88	301	–	–	71	605	4 275
Sales workers	28 830	6 120	21.2	974	159	1 042	–	257	229	3 459	22 710
Clerical and kindred workers	98 315	27 944	28.4	13 323	865	2 186	68	98	584	10 820	70 371
Craftsmen, foremen, and kindred workers	11 808	2 333	19.8	236	133	1 050	–	38	42	834	9 475
Operatives, except transport	152 018	15 577	10.2	2 068	870	3 676	77	735	532	7 619	136 441
Transport equipment operatives	2 954	353	11.9	46	–	137	–	–	21	149	2 601
Laborers, except farm	9 745	1 160	11.9	212	75	329	19	38	36	451	8 585
Farm workers	6 404	737	11.5	40	46	27	–	59	20	545	5 667
Service workers, exc. private household	110 551	31 045	28.1	1 598	5 069	14 228	66	492	853	8 739	79 506
Private household workers	12 882	1 485	11.5	179	231	176	44	123	58	674	11 397
HIGH SCHOOL 4 YEARS											
Female employed, 20 to 24 years old	**1 817 716**	**653 750**	**36.0**	**315 282**	**104 562**	**123 613**	**3 807**	**5 817**	**14 721**	**85 948**	**1 163 966**
Professional, technical, and kindred workers	107 520	66 295	61.7	8 103	44 903	2 817	1 588	335	1 890	6 659	41 225
Managers and administrators, exc. farm	27 127	9 197	33.9	4 791	558	1 448	38	103	351	1 908	17 930
Sales workers	91 422	24 561	26.9	9 474	1 482	4 846	138	421	735	7 465	66 861
Clerical and kindred workers	1 081 969	351 846	32.5	263 852	13 805	25 438	1 069	1 980	6 570	39 132	730 123
Craftsmen, foremen, and kindred workers	25 229	8 328	33.0	2 243	692	2 774	267	279	354	1 719	16 901
Operatives, except transport	189 681	36 826	19.4	12 130	2 413	8 205	277	1 481	1 196	11 124	152 855
Transport equipment operatives	4 305	1 278	29.7	341	95	153	–	–	14	675	3 027
Laborers, except farm	14 595	3 503	24.0	1 066	385	739	81	106	220	906	11 092
Farm workers	4 479	1 213	27.1	321	198	232	–	18	16	428	3 266
Service workers, exc. private household	256 818	147 211	57.3	11 668	39 410	76 474	349	908	3 224	15 178	109 607
Private household workers	14 571	3 492	24.0	1 293	621	487	–	186	151	754	11 079
COLLEGE 1 TO 3 YEARS											
Female employed, 20 to 24 years old	**1 048 619**	**322 554**	**30.8**	**131 698**	**94 654**	**23 401**	**3 284**	**2 910**	**10 394**	**56 213**	**726 065**
Professional, technical, and kindred workers	195 797	90 931	46.4	7 446	60 169	2 185	1 773	345	3 072	15 941	104 866
Managers and administrators, exc. farm	18 868	4 836	25.6	2 220	300	572	41	152	371	1 180	14 032
Sales workers	69 419	11 847	17.1	4 127	1 359	1 006	120	418	878	3 939	57 572
Clerical and kindred workers	573 333	153 681	26.8	110 348	8 956	5 603	632	1 372	3 733	23 037	419 652
Craftsmen, foremen, and kindred workers	8 446	2 560	30.3	363	377	696	230	104	252	538	5 886
Operatives, except transport	22 607	5 113	22.6	1 688	504	907	206	120	323	1 365	17 494
Transport equipment operatives	1 967	380	19.3	115	–	28	22	–	–	215	1 587
Laborers, except farm	4 636	1 229	26.5	392	74	292	14	15	106	336	3 407
Farm workers	1 756	520	29.6	74	62	–	–	27	–	357	1 236
Service workers, exc. private household	143 767	50 247	35.0	4 487	22 470	11 999	246	307	1 637	9 101	93 520
Private household workers	8 023	1 210	15.1	438	383	113	–	50	22	204	6 813
COLLEGE 4 YEARS OR MORE											
Female employed, 20 to 24 years old	**524 202**	**72 628**	**13.9**	**9 631**	**16 326**	**2 224**	**1 319**	**2 715**	**14 352**	**26 061**	**451 574**
Professional, technical, and kindred workers	401 507	52 429	13.1	4 491	14 633	1 155	1 053	2 174	12 416	16 507	349 078
Managers and administrators, exc. farm	12 106	1 388	11.5	493	145	19	26	19	97	589	10 718
Sales workers	13 131	2 539	19.3	387	160	54	22	132	206	1 578	10 592
Clerical and kindred workers	77 607	11 394	14.7	3 888	461	398	178	236	1 259	4 974	66 213
Craftsmen, foremen, and kindred workers	1 603	368	23.0	117	–	102	17	–	19	113	1 235
Operatives, except transport	2 505	592	23.6	43	20	16	–	–	21	492	1 913
Transport equipment operatives	238	52	...	–	–	–	–	–	26	26	186
Laborers, except farm	540	120	22.2	20	–	–	–	20	–	80	420
Farm workers	327	84	...	19	–	23	–	–	–	42	243
Service workers, exc. private household	13 880	3 610	26.0	173	907	457	23	118	308	1 624	10 270
Private household workers	758	52	6.9	–	–	–	–	16	–	36	706

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 25 to 34 years old	**3 743 727**	**1 185 421**	**31.7**	**500 184**	**246 676**	**161 262**	**9 125**	**12 545**	**29 009**	**226 620**	**2 558 306**
Professional, technical, and kindred workers	385 828	224 032	58.1	25 693	150 722	6 456	4 351	1 290	6 246	29 274	161 796
Managers and administrators, exc. farm	111 248	32 665	29.4	17 213	2 483	3 705	433	610	1 340	6 881	78 583
Sales workers	229 870	61 951	27.0	24 440	4 221	7 946	297	942	2 203	21 902	167 919
Clerical and kindred workers	1 613 377	508 816	31.5	367 930	21 886	30 128	1 449	3 530	9 303	74 590	1 104 561
Craftsmen, foremen, and kindred workers	77 611	21 090	27.2	5 589	1 231	7 936	928	496	863	4 047	56 521
Operatives, except transport	606 948	90 779	15.0	24 443	5 512	18 271	811	2 756	2 320	36 666	516 169
Transport equipment operatives	29 700	6 277	21.1	2 007	492	1 319	67	107	129	2 156	23 423
Laborers, except farm	37 149	6 155	16.6	1 615	673	1 211	77	151	244	2 184	30 994
Farm workers	26 354	5 017	19.0	1 184	340	694	64	412	130	2 193	21 337
Service workers, exc. private household	576 073	218 861	38.0	27 104	57 560	82 921	608	1 929	6 036	42 703	357 212
Private household workers	49 569	9 778	19.7	2 966	1 556	675	40	322	195	4 024	39 791
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 25 to 34 years old	**996 220**	**194 155**	**19.5**	**45 649**	**21 394**	**39 848**	**805**	**3 305**	**4 643**	**78 511**	**802 065**
Professional, technical, and kindred workers	29 758	11 932	40.1	1 401	4 662	684	164	206	488	4 327	17 826
Managers and administrators, exc. farm	21 066	4 632	22.0	1 516	167	760	81	143	122	1 843	16 434
Sales workers	63 885	13 817	21.6	2 741	666	1 869	13	194	326	8 008	50 068
Clerical and kindred workers	194 556	52 987	27.2	27 583	1 529	3 715	76	466	1 036	18 582	141 569
Craftsmen, foremen, and kindred workers	31 500	5 645	17.9	1 022	167	2 181	98	123	184	1 870	25 855
Operatives, except transport	345 828	36 505	10.6	5 446	2 019	7 422	174	1 103	868	19 473	309 323
Transport equipment operatives	11 617	1 820	15.7	229	146	418	16	–	38	973	9 797
Laborers, except farm	19 471	1 932	9.9	326	120	355	37	96	91	907	17 539
Farm workers	13 112	1 831	14.0	125	36	145	20	140	45	1 320	11 281
Service workers, exc. private household	241 043	59 380	24.6	4 987	11 329	22 082	108	768	1 434	18 672	181 663
Private household workers	24 384	3 674	15.1	273	553	217	18	66	11	2 536	20 710
HIGH SCHOOL 4 YEARS											
Female employed, 25 to 34 years old	**2 099 249**	**711 052**	**33.9**	**343 878**	**123 577**	**104 051**	**5 115**	**7 332**	**15 974**	**111 125**	**1 388 197**
Professional, technical, and kindred workers	168 999	102 023	60.4	14 672	69 153	3 841	2 106	629	2 531	9 091	66 976
Managers and administrators, exc. farm	63 014	19 366	30.7	11 226	1 204	2 238	223	283	729	3 463	43 648
Sales workers	132 848	37 474	28.2	16 563	2 184	5 111	201	587	1 308	11 520	95 374
Clerical and kindred workers	1 106 242	345 927	31.3	258 385	12 517	22 089	947	2 313	6 062	43 614	760 315
Craftsmen, foremen, and kindred workers	38 064	12 161	31.9	3 339	759	4 851	591	305	415	1 901	25 903
Operatives, except transport	244 933	48 756	19.9	16 454	2 860	9 773	616	1 537	1 212	16 304	196 177
Transport equipment operatives	16 118	3 969	24.6	1 530	278	867	33	85	72	1 104	12 149
Laborers, except farm	15 588	3 584	23.0	1 149	396	776	21	55	92	1 095	12 004
Farm workers	11 562	2 457	21.3	779	203	449	44	254	44	684	9 105
Service workers, exc. private household	281 007	130 287	46.4	17 629	33 260	53 621	311	1 053	3 392	21 021	150 720
Private household workers	20 874	5 048	24.2	2 152	763	435	22	231	117	1 328	15 826
COLLEGE 1 TO 3 YEARS											
Female employed, 25 to 34 years old	**648 258**	**280 214**	**43.2**	**110 657**	**101 705**	**17 363**	**3 205**	**1 908**	**8 392**	**36 984**	**368 044**
Professional, technical, and kindred workers	187 071	110 077	58.8	9 620	76 907	1 931	2 081	455	3 227	15 856	76 994
Managers and administrators, exc. farm	27 168	8 667	31.9	4 471	1 112	707	129	184	489	1 575	18 501
Sales workers	33 137	10 660	32.2	5 136	1 371	966	83	161	569	2 374	22 477
Clerical and kindred workers	312 579	109 902	35.2	81 962	7 840	4 324	426	751	2 205	12 394	202 677
Craftsmen, foremen, and kindred workers	8 047	3 284	40.8	1 228	305	904	239	68	264	276	4 763
Operatives, except transport	16 187	5 518	34.1	2 543	633	1 076	21	116	240	889	10 669
Transport equipment operatives	1 965	488	24.8	248	68	34	18	22	19	79	1 477
Laborers, except farm	2 090	639	30.6	140	157	80	19	–	61	182	1 451
Farm workers	1 680	729	43.4	280	101	100	–	18	41	189	951
Service workers, exc. private household	54 023	29 194	54.0	4 488	12 971	7 218	189	108	1 210	3 010	24 829
Private household workers	4 311	1 056	24.5	541	240	23	–	25	67	160	3 255
COLLEGE 4 YEARS OR MORE											
Female employed, 25 to 34 years old	**791 386**	**136 129**	**17.2**	**22 380**	**37 392**	**4 361**	**2 265**	**5 535**	**22 589**	**41 607**	**655 257**
Professional, technical, and kindred workers	646 143	101 556	15.7	12 709	34 003	2 714	1 836	4 681	19 228	26 385	544 587
Managers and administrators, exc. farm	25 829	4 175	16.2	1 286	450	294	147	169	535	1 294	21 654
Sales workers	14 516	3 731	25.7	583	289	216	67	37	280	2 259	10 785
Clerical and kindred workers	82 542	18 713	22.7	7 005	1 260	495	127	281	1 487	8 058	63 829
Craftsmen, foremen, and kindred workers	2 692	734	27.3	187	–	39	66	65	73	304	1 958
Operatives, except transport	3 379	1 410	41.7	180	68	109	–	65	327	661	1 969
Transport equipment operatives	451	186	41.2	22	59	–	–	–	–	105	265
Laborers, except farm	492	120	24.4	–	37	21	–	–	18	44	372
Farm workers	796	184	23.1	–	25	–	–	17	57	85	612
Service workers, exc. private household	12 995	4 885	37.6	345	1 182	473	22	220	402	2 241	8 110
Private household workers	1 551	435	28.0	63	19	–	–	–	182	171	1 116

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 35 to 44 years old	4 354 080	1 167 259	26.8	516 044	234 333	147 796	8 878	15 973	28 982	215 253	3 186 821
Professional, technical, and kindred workers	384 815	204 436	53.1	29 041	133 655	7 869	3 530	1 537	6 658	22 146	180 379
Managers and administrators, exc. farm	186 501	48 884	26.2	27 080	5 242	5 901	490	902	1 952	7 317	137 617
Sales workers	348 513	74 068	21.3	35 496	5 103	8 904	443	1 405	2 389	20 328	274 445
Clerical and kindred workers	1 710 420	490 445	28.7	360 897	21 791	25 722	1 931	3 798	8 430	67 876	1 219 975
Craftsmen, foremen, and kindred workers	101 221	22 675	22.4	6 102	1 497	8 686	648	535	1 226	3 981	78 546
Operatives, except transport	767 273	97 779	12.7	22 246	5 612	23 584	934	3 072	2 957	39 374	669 494
Transport equipment operatives	36 583	7 006	19.2	2 401	668	1 501	52	151	196	2 037	29 577
Laborers, except farm	46 193	5 994	13.0	1 661	583	1 065	22	211	191	2 261	40 199
Farm workers	38 085	6 252	16.4	1 672	573	906	58	507	247	2 289	31 833
Service workers, exc. private household	679 638	201 318	29.6	27 493	58 361	62 910	736	3 638	4 580	43 600	478 320
Private household workers	54 838	8 402	15.3	1 955	1 248	748	34	217	156	4 044	46 436
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 35 to 44 years old	1 534 831	275 376	17.9	74 860	38 176	56 536	1 501	5 249	6 529	92 525	1 259 455
Professional, technical, and kindred workers	45 739	17 961	39.3	2 967	8 762	1 706	231	242	536	3 517	27 778
Managers and administrators, exc. farm	49 299	8 953	18.2	3 473	885	1 562	58	232	224	2 519	40 346
Sales workers	114 264	18 657	16.3	6 099	947	2 515	57	419	500	8 120	95 607
Clerical and kindred workers	309 932	77 488	25.0	45 999	3 136	5 693	187	696	1 647	20 130	232 444
Craftsmen, foremen, and kindred workers	50 443	8 690	17.2	1 679	434	3 528	147	200	376	2 326	41 753
Operatives, except transport	512 306	50 624	9.9	6 513	2 254	13 604	367	1 112	1 365	25 409	461 682
Transport equipment operatives	16 277	2 478	15.2	504	208	661	52	91	48	914	13 799
Laborers, except farm	27 393	2 707	9.9	449	233	521	–	85	104	1 315	24 686
Farm workers	19 786	2 104	10.6	197	141	235	–	150	38	1 343	17 682
Service workers, exc. private household	353 448	81 101	22.9	6 414	20 758	26 034	386	1 884	1 649	23 976	272 347
Private household workers	35 944	4 613	12.8	566	418	477	16	138	42	2 956	31 331
HIGH SCHOOL 4 YEARS											
Female employed, 35 to 44 years old	2 255 679	660 027	29.3	343 917	114 844	78 847	4 385	8 493	15 135	94 406	1 595 652
Professional, technical, and kindred workers	178 647	98 811	55.3	16 925	64 569	4 220	1 685	680	3 273	7 459	79 836
Managers and administrators, exc. farm	102 445	28 152	27.5	17 188	2 160	3 470	307	499	1 001	3 527	74 293
Sales workers	193 942	43 615	22.5	22 947	2 629	5 516	248	825	1 292	10 158	150 327
Clerical and kindred workers	1 144 354	322 823	28.2	247 422	12 027	16 886	1 015	2 421	4 822	38 230	821 531
Craftsmen, foremen, and kindred workers	43 381	11 127	25.6	3 401	689	4 427	324	246	636	1 404	32 254
Operatives, except transport	239 926	42 047	17.5	13 765	2 715	9 186	462	1 783	1 318	12 818	197 879
Transport equipment operatives	17 768	3 598	20.2	1 431	354	705	–	36	114	958	14 170
Laborers, except farm	17 122	2 652	15.5	1 069	246	386	22	106	68	755	14 470
Farm workers	15 147	3 184	21.0	1 166	216	566	58	316	149	713	11 963
Service workers, exc. private household	286 380	100 924	35.2	17 525	28 650	33 214	246	1 540	2 368	17 381	185 456
Private household workers	16 567	3 094	18.7	1 078	589	271	18	41	94	1 003	13 473
COLLEGE 1 TO 3 YEARS											
Female employed, 35 to 44 years old	563 570	231 856	41.1	97 267	81 313	12 413	2 992	2 231	7 318	28 322	331 714
Professional, technical, and kindred workers	160 429	87 664	54.6	9 149	60 324	1 943	1 614	615	2 849	11 170	72 765
Managers and administrators, exc. farm	34 757	11 779	33.9	6 419	2 197	869	125	171	727	1 271	22 978
Sales workers	40 307	11 796	29.3	6 450	1 527	873	138	161	597	2 050	28 511
Clerical and kindred workers	256 134	90 134	35.2	67 476	6 628	3 143	729	681	1 961	9 516	166 000
Craftsmen, foremen, and kindred workers	7 397	2 858	38.6	1 022	374	731	177	89	214	251	4 539
Operatives, except transport	15 041	5 108	34.0	1 968	643	794	105	177	274	1 147	9 933
Transport equipment operatives	2 538	930	36.6	466	106	135	–	24	34	165	1 608
Laborers, except farm	1 678	635	37.8	143	104	158	–	20	19	191	1 043
Farm workers	3 152	964	30.6	309	216	105	–	41	60	233	2 188
Service workers, exc. private household	39 810	19 293	48.5	3 554	8 953	3 662	104	214	563	2 243	20 517
Private household workers	2 327	695	29.9	311	241	–	–	38	20	85	1 632
COLLEGE 4 YEARS OR MORE											
Female employed, 35 to 44 years old	536 930	106 635	19.9	21 183	32 481	3 214	2 329	4 168	16 552	26 708	430 295
Professional, technical, and kindred workers	421 183	77 643	18.4	11 287	27 726	2 144	1 839	3 271	14 131	17 245	343 540
Managers and administrators, exc. farm	28 206	5 714	20.3	1 437	1 844	233	174	155	547	1 324	22 492
Sales workers	12 660	3 304	26.1	1 135	282	130	66	140	232	1 319	9 356
Clerical and kindred workers	59 909	14 843	24.8	6 583	1 522	332	132	434	1 128	4 712	45 066
Craftsmen, foremen, and kindred workers	2 231	448	20.1	136	14	49	42	38	68	101	1 783
Operatives, except transport	3 284	1 207	36.8	141	70	137	67	20	177	595	2 077
Transport equipment operatives	239	55	...	19	–	–	–	–	16	20	184
Laborers, except farm	291	57	...	–	22	16	–	–	–	19	234
Farm workers	657	158	24.0	45	–	–	–	38	–	75	499
Service workers, exc. private household	7 454	2 941	39.5	379	945	153	9	19	215	1 221	4 513
Private household workers	816	265	32.5	21	56	20	–	53	38	77	551

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 45 to 54 years old	**4 897 527**	**1 428 371**	**29.2**	**696 376**	**244 622**	**194 434**	**9 824**	**21 182**	**35 334**	**226 599**	**3 469 156**
Professional, technical, and kindred workers	393 471	213 508	54.3	42 637	124 945	8 216	3 369	2 203	7 909	24 229	179 963
Managers and administrators, exc. farm	259 005	76 444	29.5	46 460	7 021	9 628	886	1 925	2 435	8 089	182 561
Sales workers	466 658	105 784	22.7	53 540	6 479	15 698	899	1 716	3 743	23 709	360 874
Clerical and kindred workers	1 781 122	626 314	35.2	482 813	21 974	37 812	2 076	3 841	9 353	68 445	1 154 808
Craftsmen, foremen, and kindred workers	116 288	27 263	23.4	8 027	1 835	10 183	373	881	1 190	4 774	89 025
Operatives, except transport	875 470	114 872	13.1	24 191	6 250	34 231	1 200	3 493	3 833	41 674	760 598
Transport equipment operatives	24 844	4 824	19.4	1 203	427	1 265	52	162	162	1 553	20 020
Laborers, except farm	47 484	6 583	13.9	1 897	587	1 106	63	191	306	2 433	40 901
Farm workers	42 162	5 828	13.8	1 744	498	680	30	625	157	2 094	36 334
Service workers, exc. private household	805 631	234 232	29.1	31 442	72 058	74 143	857	5 626	5 828	44 278	571 399
Private household workers	85 392	12 719	14.9	2 422	2 548	1 472	19	519	418	5 321	72 673
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 45 to 54 years old	**1 969 317**	**356 676**	**18.1**	**96 793**	**53 899**	**78 714**	**1 953**	**8 682**	**8 713**	**107 922**	**1 612 641**
Professional, technical, and kindred workers	59 194	24 279	41.0	4 081	11 951	1 577	424	661	807	4 778	34 915
Managers and administrators, exc. farm	73 624	14 337	19.5	6 120	991	3 079	115	669	496	2 867	59 287
Sales workers	177 709	27 426	15.4	9 368	1 340	5 213	155	486	785	10 079	150 283
Clerical and kindred workers	366 095	99 291	27.1	59 707	3 526	9 511	265	1 060	1 428	23 794	266 804
Craftsmen, foremen, and kindred workers	62 266	10 134	16.3	1 547	566	4 578	132	336	465	2 510	52 132
Operatives, except transport	623 374	62 830	10.1	7 017	2 895	19 637	571	2 144	1 670	28 896	560 544
Transport equipment operatives	13 220	1 851	14.0	277	178	458	–	49	78	811	11 369
Laborers, except farm	31 413	3 379	10.8	655	231	556	21	110	154	1 652	28 034
Farm workers	25 971	2 269	8.7	238	201	307	–	205	34	1 284	23 702
Service workers, exc. private household	473 846	103 723	21.9	7 149	30 692	33 083	251	2 767	2 498	27 283	370 123
Private household workers	62 605	7 157	11.4	634	1 328	715	19	195	298	3 968	55 448
HIGH SCHOOL 4 YEARS											
Female employed, 45 to 54 years old	**2 318 395**	**791 409**	**34.1**	**449 970**	**120 057**	**100 032**	**4 624**	**9 764**	**16 752**	**90 210**	**1 526 986**
Professional, technical, and kindred workers	182 069	104 629	57.5	24 050	63 360	4 020	1 474	966	3 343	7 416	77 440
Managers and administrators, exc. farm	138 399	44 297	32.0	28 813	3 544	5 259	453	962	1 222	4 044	94 102
Sales workers	241 856	61 439	25.4	33 935	3 589	9 155	442	975	2 056	11 287	180 417
Clerical and kindred workers	1 123 286	399 079	35.5	319 697	11 577	24 363	1 098	2 031	4 926	35 387	724 207
Craftsmen, foremen, and kindred workers	46 676	13 782	29.5	4 844	909	4 870	222	330	626	1 981	32 894
Operatives, except transport	236 086	46 657	19.8	15 125	2 572	13 593	410	1 191	1 709	12 057	189 429
Transport equipment operatives	10 169	2 444	24.0	730	169	632	32	113	70	698	7 725
Laborers, except farm	14 489	2 613	18.0	994	241	481	22	62	115	698	11 876
Farm workers	13 181	2 728	20.7	1 052	191	333	19	377	61	695	10 453
Service workers, exc. private household	292 125	109 434	37.5	19 508	32 941	36 702	452	2 479	2 504	14 848	182 691
Private household workers	20 059	4 307	21.5	1 222	964	624	–	278	120	1 099	15 752
COLLEGE 1 TO 3 YEARS											
Female employed, 45 to 54 years old	**609 815**	**280 286**	**46.0**	**149 613**	**70 666**	**15 688**	**3 247**	**2 736**	**9 869**	**28 467**	**329 529**
Professional, technical, and kindred workers	152 208	84 600	55.6	14 506	49 634	2 619	1 471	576	3 759	12 035	67 608
Managers and administrators, exc. farm	46 982	17 810	37.9	11 527	2 486	1 290	318	294	717	1 178	29 172
Sales workers	47 093	16 919	35.9	10 237	1 550	1 330	302	255	902	2 343	30 174
Clerical and kindred workers	291 741	127 944	43.9	103 409	6 871	3 938	713	750	2 999	9 264	163 797
Craftsmen, foremen, and kindred workers	7 346	3 347	45.6	1 636	360	735	19	215	99	283	3 999
Operatives, except transport	16 010	5 385	33.6	2 049	783	1 001	219	158	454	721	10 625
Transport equipment operatives	1 455	529	36.4	196	80	175	20	–	14	44	926
Laborers, except farm	1 582	591	37.4	248	115	69	20	19	37	83	991
Farm workers	3 010	831	27.6	454	106	40	11	43	62	115	2 179
Service workers, exc. private household	39 660	21 075	53.1	4 785	8 425	4 358	154	380	826	2 147	18 585
Private household workers	2 728	1 255	46.0	566	256	133	–	46	–	254	1 473
COLLEGE 4 YEARS OR MORE											
Female employed, 45 to 54 years old	**510 731**	**119 254**	**23.3**	**29 869**	**34 488**	**4 369**	**2 330**	**5 112**	**20 050**	**23 036**	**391 477**
Professional, technical, and kindred workers	381 752	82 584	21.6	14 814	28 173	2 972	1 709	3 792	16 368	14 756	299 168
Managers and administrators, exc. farm	35 000	8 233	23.5	2 836	2 749	348	203	348	977	772	26 767
Sales workers	14 228	3 905	27.4	1 193	473	149	138	176	604	1 172	10 323
Clerical and kindred workers	65 011	19 107	29.4	10 285	1 791	455	153	478	1 460	4 485	45 904
Craftsmen, foremen, and kindred workers	2 337	663	28.4	198	76	41	55	108	98	87	1 674
Operatives, except transport	3 302	912	27.6	156	60	146	–	17	162	371	2 390
Transport equipment operatives	121	52	...	–	–	23	–	–	–	29	69
Laborers, except farm	387	61	...	–	–	44	–	–	–	17	326
Farm workers	900	348	38.7	18	60	66	24	–	39	141	552
Service workers, exc. private household	6 564	2 964	45.2	221	975	103	48	153	312	1 152	3 600
Private household workers	1 129	425	37.6	148	131	22	–	40	30	54	704

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 55 to 64 years old	**3 206 750**	**926 814**	**28.9**	**432 953**	**171 243**	**95 644**	**4 197**	**12 671**	**32 023**	**178 083**	**2 279 936**
Professional, technical, and kindred workers	279 208	145 156	52.0	25 221	85 886	4 409	1 357	1 006	9 987	17 290	134 052
Managers and administrators, exc. farm	186 043	52 913	28.4	31 431	5 664	4 530	366	1 715	2 396	6 811	133 130
Sales workers	345 619	75 703	21.9	37 696	4 271	8 229	461	951	3 918	20 177	269 916
Clerical and kindred workers	985 391	376 529	38.2	293 541	13 344	13 399	625	1 596	6 460	47 564	608 862
Craftsmen, foremen, and kindred workers	73 313	16 061	21.9	4 051	910	5 168	305	670	932	4 025	57 252
Operatives, except transport	541 908	74 865	13.8	13 884	4 195	17 060	558	1 692	2 864	34 612	467 043
Transport equipment operatives	10 749	2 569	23.9	559	206	390	–	105	177	1 132	8 180
Laborers, except farm	29 854	4 371	14.6	1 030	378	643	21	89	141	2 069	25 483
Farm workers	31 839	4 924	15.5	1 427	519	519	–	530	212	1 717	26 915
Service workers, exc. private household	600 439	156 815	26.1	20 025	51 721	39 629	504	3 873	4 026	37 037	443 624
Private household workers	122 387	16 908	13.8	4 088	4 149	1 668	–	444	910	5 649	105 479
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 55 to 64 years old	**1 715 548**	**346 934**	**20.2**	**122 272**	**53 810**	**50 553**	**1 396**	**6 046**	**8 294**	**104 563**	**1 368 614**
Professional, technical, and kindred workers	57 152	25 715	45.0	4 446	14 228	1 179	249	267	1 145	4 201	31 437
Managers and administrators, exc. farm	73 921	15 332	20.7	7 448	1 240	2 133	44	611	525	3 331	58 589
Sales workers	179 557	29 402	16.4	12 635	1 204	3 287	208	376	1 045	10 647	150 155
Clerical and kindred workers	336 321	110 026	32.7	78 937	3 262	5 471	217	430	1 126	20 583	226 295
Craftsmen, foremen, and kindred workers	48 425	8 151	16.8	1 545	413	2 546	86	359	426	2 776	40 274
Operatives, except transport	443 926	51 982	11.7	6 452	2 416	11 791	254	1 068	1 607	28 394	391 944
Transport equipment operatives	6 868	1 298	18.9	256	98	182	–	85	74	603	5 570
Laborers, except farm	22 452	2 819	12.6	382	246	461	21	18	99	1 592	19 633
Farm workers	22 433	2 452	10.9	360	245	275	–	274	43	1 255	19 981
Service workers, exc. private household	427 788	89 054	20.8	7 980	28 044	22 080	317	2 253	1 798	26 582	338 734
Private household workers	96 705	10 703	11.1	1 831	2 414	1 148	–	305	406	4 599	86 002
HIGH SCHOOL 4 YEARS											
Female employed, 55 to 64 years old	**1 094 199**	**408 468**	**37.3**	**225 261**	**74 987**	**37 165**	**1 579**	**5 000**	**11 460**	**53 016**	**685 731**
Professional, technical, and kindred workers	106 360	65 703	61.8	12 262	42 263	2 073	415	478	3 383	4 829	40 657
Managers and administrators, exc. farm	77 459	24 394	31.5	15 946	2 544	1 835	222	755	853	2 239	53 065
Sales workers	131 362	34 331	26.1	18 748	1 891	4 198	126	374	1 408	7 586	97 031
Clerical and kindred workers	490 151	195 589	39.9	158 156	6 559	6 401	304	829	2 525	20 815	294 562
Craftsmen, foremen, and kindred workers	20 321	6 291	31.0	1 906	356	2 151	160	250	421	1 047	14 030
Operatives, except transport	86 265	18 784	21.8	5 883	1 385	4 469	226	494	866	5 461	67 481
Transport equipment operatives	3 350	1 089	32.5	242	66	170	–	20	62	529	2 261
Laborers, except farm	6 505	1 321	20.3	546	132	116	–	71	–	456	5 184
Farm workers	6 415	1 513	23.6	734	148	163	–	163	41	264	4 902
Service workers, exc. private household	144 689	54 735	37.8	9 163	18 242	15 132	126	1 447	1 641	8 984	89 954
Private household workers	21 322	4 718	22.1	1 675	1 401	457	–	119	260	806	16 604
COLLEGE 1 TO 3 YEARS											
Female employed, 55 to 64 years old	**397 003**	**171 412**	**43.2**	**85 420**	**42 446**	**7 926**	**1 222**	**1 625**	**12 269**	**20 504**	**225 591**
Professional, technical, and kindred workers	115 696	53 738	46.4	8 513	29 395	1 157	693	261	5 459	8 260	61 958
Managers and administrators, exc. farm	34 663	13 187	38.0	8 037	1 880	562	100	349	1 018	1 241	21 476
Sales workers	34 700	11 970	34.5	6 313	1 176	744	127	201	1 465	1 944	22 730
Clerical and kindred workers	158 919	70 914	44.6	56 448	3 523	1 527	104	337	2 809	6 166	88 005
Craftsmen, foremen, and kindred workers	4 567	1 619	35.4	600	141	471	59	61	85	202	2 948
Operatives, except transport	11 717	4 099	35.0	1 549	394	800	78	130	391	757	7 618
Transport equipment operatives	531	182	34.3	61	42	38	–	–	41	–	349
Laborers, except farm	897	231	25.8	102	–	66	–	–	42	21	666
Farm workers	2 991	959	32.1	333	126	81	–	93	128	198	2 032
Service workers, exc. private household	27 962	13 026	46.6	2 882	5 435	2 417	61	173	587	1 471	14 936
Private household workers	4 360	1 487	34.1	582	334	63	–	20	244	244	2 873
COLLEGE 4 YEARS OR MORE											
Female employed, 55 to 64 years old	**396 706**	**93 069**	**23.5**	**20 852**	**19 926**	**3 121**	**1 115**	**3 656**	**21 683**	**22 716**	**303 637**
Professional, technical, and kindred workers	295 807	62 636	21.2	9 096	15 900	1 971	858	2 644	17 451	14 716	233 171
Managers and administrators, exc. farm	29 090	6 651	22.9	1 987	1 373	248	135	239	1 321	1 348	22 439
Sales workers	10 571	2 998	28.4	1 122	229	121	37	225	264	1 000	7 573
Clerical and kindred workers	48 287	15 631	32.4	7 961	1 064	302	85	327	1 883	4 009	32 656
Craftsmen, foremen, and kindred workers	1 935	665	34.4	70	128	146	–	22	86	213	1 270
Operatives, except transport	2 356	832	35.3	82	120	53	–	21	293	263	1 524
Transport equipment operatives	174	35	...	35	–	–	–	–	–	–	139
Laborers, except farm	202	56	...	–	18	–	–	19	19	–	146
Farm workers	1 043	245	23.5	15	21	19	–	61	64	65	798
Service workers, exc. private household	6 159	2 754	44.7	484	904	261	–	78	225	802	3 405
Private household workers	1 082	566	52.3	–	169	–	–	20	77	300	516

Table 6. **Occupation of White Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 65 years old and over	**875 510**	**244 357**	**27.9**	**101 639**	**39 349**	**23 001**	**1 239**	**2 647**	**13 677**	**62 805**	**631 153**
Professional, technical, and kindred workers	80 959	37 864	46.8	6 882	17 891	1 467	396	179	5 261	5 788	43 095
Managers and administrators, exc. farm	57 491	15 505	27.0	7 802	1 620	1 675	158	217	1 039	2 994	41 986
Sales workers	110 814	24 517	22.1	11 838	1 117	1 753	82	249	1 415	8 063	86 297
Clerical and kindred workers	217 316	83 358	38.4	61 548	2 706	2 201	232	255	2 231	14 185	133 958
Craftsmen, foremen, and kindred workers	19 129	5 898	30.8	902	234	2 532	160	185	358	1 527	13 231
Operatives, except transport	104 891	18 724	17.9	2 686	696	3 305	57	277	726	10 977	86 167
Transport equipment operatives	2 627	774	29.5	165	27	135	–	–	22	425	1 853
Laborers, except farm	8 499	1 478	17.4	224	138	347	21	19	91	638	7 021
Farm workers	11 621	1 918	16.5	565	132	153	23	257	105	683	9 703
Service workers, exc. private household	171 971	41 733	24.3	5 914	11 365	8 328	93	564	1 779	13 690	130 238
Private household workers	90 192	12 588	14.0	3 113	3 423	1 105	17	445	650	3 835	77 604
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 65 years old and over	**530 230**	**114 445**	**21.6**	**38 664**	**16 085**	**13 043**	**272**	**1 437**	**3 801**	**41 143**	**415 785**
Professional, technical, and kindred workers	21 953	9 571	43.6	1 709	4 790	548	70	16	1 023	1 415	12 382
Managers and administrators, exc. farm	27 855	5 431	19.5	2 425	431	849	–	99	204	1 423	22 424
Sales workers	64 879	11 927	18.4	4 908	404	917	17	102	317	5 262	52 952
Clerical and kindred workers	92 029	32 590	35.4	22 920	797	961	46	57	539	7 270	59 439
Craftsmen, foremen, and kindred workers	12 605	3 123	24.8	444	164	1 244	60	114	140	957	9 482
Operatives, except transport	86 348	13 830	16.0	1 256	356	2 334	18	176	326	9 364	72 518
Transport equipment operatives	2 022	588	29.1	165	27	54	–	–	–	342	1 434
Laborers, except farm	6 873	948	13.8	112	59	224	–	19	67	467	5 925
Farm workers	9 144	1 215	13.3	268	23	134	23	168	48	551	7 929
Service workers, exc. private household	133 770	27 227	20.4	2 911	7 156	4 965	21	402	813	10 959	106 543
Private household workers	72 752	7 995	11.0	1 546	1 878	813	17	284	324	3 133	64 757
HIGH SCHOOL 4 YEARS											
Female employed, 65 years old and over	**229 758**	**84 948**	**37.0**	**43 285**	**14 354**	**7 106**	**489**	**577**	**4 322**	**14 815**	**144 810**
Professional, technical, and kindred workers	25 467	14 271	56.0	2 890	7 611	321	133	59	1 620	1 637	11 196
Managers and administrators, exc. farm	18 353	6 594	35.9	3 707	687	553	60	57	396	1 134	11 759
Sales workers	33 067	8 221	24.9	4 463	442	698	21	106	429	2 062	24 846
Clerical and kindred workers	87 578	35 708	40.8	27 431	1 263	937	152	18	843	5 064	51 870
Craftsmen, foremen, and kindred workers	4 998	1 922	38.5	309	34	885	57	71	125	441	3 076
Operatives, except transport	15 226	3 932	25.8	1 111	148	827	39	60	300	1 447	11 294
Transport equipment operatives	510	143	28.0	–	–	58	–	–	22	63	367
Laborers, except farm	1 259	388	30.8	64	79	123	–	–	–	122	871
Farm workers	1 638	422	25.8	210	71	19	–	33	15	74	1 216
Service workers, exc. private household	28 839	10 349	35.9	2 093	3 016	2 489	27	35	499	2 190	18 490
Private household workers	12 823	2 998	23.4	1 007	1 003	196	–	138	73	581	9 825
COLLEGE 1 TO 3 YEARS											
Female employed, 65 years old and over	**115 522**	**44 964**	**38.9**	**19 690**	**8 910**	**2 852**	**478**	**633**	**5 554**	**6 847**	**70 558**
Professional, technical, and kindred workers	33 539	14 022	41.8	2 283	5 490	598	193	104	2 618	2 736	19 517
Managers and administrators, exc. farm	11 283	3 480	30.8	1 670	502	273	98	61	439	437	7 803
Sales workers	12 868	4 369	34.0	2 467	271	138	44	41	669	739	8 499
Clerical and kindred workers	37 709	15 060	39.9	11 197	646	303	34	180	849	1 851	22 649
Craftsmen, foremen, and kindred workers	1 526	853	55.9	149	36	403	43	–	93	129	673
Operatives, except transport	3 317	962	29.0	319	192	144	–	41	100	166	2 355
Transport equipment operatives	95	43	...	–	–	23	–	–	–	20	52
Laborers, except farm	367	142	...	48	–	–	21	–	24	49	225
Farm workers	839	281	33.5	87	38	–	–	56	42	58	558
Service workers, exc. private household	9 362	4 157	44.4	910	1 193	874	45	127	467	541	5 205
Private household workers	4 617	1 595	34.5	560	542	96	–	23	253	121	3 022
COLLEGE 4 YEARS OR MORE											
Female employed, 65 years old and over	**102 149**	**25 118**	**24.6**	**5 118**	**4 792**	**949**	**434**	**1 153**	**6 335**	**6 337**	**77 031**
Professional, technical, and kindred workers	69 583	16 317	23.4	2 305	3 532	565	339	725	4 448	4 403	53 266
Managers and administrators, exc. farm	8 762	2 305	26.3	766	346	83	63	92	515	440	6 457
Sales workers	4 441	975	22.0	283	118	41	–	40	227	266	3 466
Clerical and kindred workers	12 765	3 579	28.0	1 582	315	40	–	129	699	814	9 186
Craftsmen, foremen, and kindred workers	681	172	25.3	–	17	18	–	21	39	77	509
Operatives, except transport	797	218	27.4	38	41	60	–	–	39	40	579
Transport equipment operatives	40	21	...	–	–	–	–	–	–	21	19
Laborers, except farm	93	–	–	–	–	–	–	–	–	–	93
Farm workers	778	175	22.5	21	–	25	13	69	26	21	603
Service workers, exc. private household	3 007	1 048	34.9	86	360	99	–	–	269	234	1 959
Private household workers	1 202	308	25.6	37	63	18	19	77	73	21	894

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 years old and over	**3 880 521**	**947 425**	**24.4**	**78 280**	**23 777**	**390 049**	**51 700**	**23 147**	**42 142**	**338 330**	**2 933 096**
Professional, technical, and kindred workers	121 958	55 525	45.5	6 965	5 555	12 974	11 411	785	3 829	14 006	66 433
Managers and administrators, exc. farm	95 383	30 921	32.4	6 613	1 076	12 183	1 874	555	1 588	7 032	64 462
Sales workers	74 289	21 652	29.1	5 332	549	6 470	1 367	207	1 280	6 447	52 637
Clerical and kindred workers	315 167	101 171	32.1	25 467	2 359	34 177	5 445	1 720	4 829	27 174	213 996
Craftsmen, foremen, and kindred workers	617 942	196 343	31.8	6 592	1 543	111 136	11 268	3 393	7 217	55 194	421 599
Operatives, except transport	794 075	176 581	22.2	9 089	2 185	79 201	8 428	4 438	7 608	65 632	617 494
Transport equipment operatives	401 136	80 832	20.2	4 308	1 434	33 519	3 070	2 123	3 702	32 676	320 304
Laborers, except farm	636 641	111 974	17.6	4 877	1 104	37 086	3 576	3 141	3 940	58 250	524 667
Farm workers	180 469	20 033	11.1	353	58	3 745	226	1 722	599	13 330	160 436
Service workers, exc. private household	626 075	149 590	23.9	8 530	7 896	59 075	5 035	4 947	7 414	56 693	476 485
Private household workers	17 386	2 803	16.1	154	18	483	–	116	136	1 896	14 583
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 years old and over	**2 541 866**	**450 253**	**17.7**	**15 124**	**7 594**	**178 506**	**12 194**	**11 983**	**17 338**	**207 514**	**2 091 613**
Professional, technical, and kindred workers	29 422	9 133	31.0	478	934	2 425	846	155	830	3 465	20 289
Managers and administrators, exc. farm	41 416	8 620	20.8	885	169	3 809	366	176	346	2 869	32 796
Sales workers	32 235	5 871	18.2	1 244	91	1 897	116	100	260	2 163	26 364
Clerical and kindred workers	118 732	27 480	23.1	3 776	724	9 684	826	617	1 105	10 748	91 252
Craftsmen, foremen, and kindred workers	397 493	96 483	24.3	1 552	522	50 795	3 321	1 882	3 199	35 212	301 010
Operatives, except transport	521 162	87 529	16.8	2 137	837	37 277	2 330	1 879	3 700	39 369	433 633
Transport equipment operatives	281 037	44 719	15.9	1 415	604	18 047	1 065	1 072	1 766	20 750	236 318
Laborers, except farm	501 992	71 991	14.3	1 303	507	21 862	1 391	1 841	2 361	42 726	430 001
Farm workers	167 066	15 704	9.4	140	–	2 797	208	1 333	385	10 841	151 362
Service workers, exc. private household	436 327	80 683	18.5	2 098	3 188	29 579	1 725	2 862	3 287	37 944	355 644
Private household workers	14 984	2 040	13.6	96	18	334	–	66	99	1 427	12 944
HIGH SCHOOL 4 YEARS											
Male employed, 16 years old and over	**1 030 777**	**364 548**	**35.4**	**39 067**	**9 931**	**164 839**	**23 286**	**8 536**	**17 152**	**101 737**	**666 229**
Professional, technical, and kindred workers	43 921	21 808	49.7	3 045	2 290	5 914	4 795	456	1 417	3 891	22 113
Managers and administrators, exc. farm	33 217	13 675	41.2	3 122	452	5 639	809	223	692	2 738	19 542
Sales workers	26 699	9 218	34.5	2 174	212	3 302	530	38	489	2 473	17 481
Clerical and kindred workers	134 100	48 706	36.3	13 302	692	17 200	2 645	772	2 721	11 374	85 394
Craftsmen, foremen, and kindred workers	179 568	78 058	43.5	3 802	786	47 747	5 028	1 253	2 748	16 694	101 510
Operatives, except transport	232 403	73 213	31.5	4 858	1 107	34 854	4 299	1 948	3 035	23 112	159 190
Transport equipment operatives	102 899	29 870	29.0	2 092	560	12 997	1 382	810	1 460	10 569	73 029
Laborers, except farm	115 158	32 890	28.6	2 299	444	12 918	1 636	1 042	1 292	13 259	82 268
Farm workers	11 279	3 627	32.2	109	58	819	18	329	214	2 080	7 652
Service workers, exc. private household	149 456	52 801	35.3	4 228	3 330	23 300	2 144	1 631	3 047	15 121	96 655
Private household workers	2 077	682	32.8	36	–	149	–	34	37	426	1 395
COLLEGE 1 TO 3 YEARS											
Male employed, 16 years old and over	**307 878**	**132 624**	**43.1**	**24 089**	**6 252**	**46 704**	**16 220**	**2 628**	**7 652**	**29 079**	**175 254**
Professional, technical, and kindred workers	48 615	24 584	50.6	3 442	2 331	4 635	5 770	174	1 582	6 650	24 031
Managers and administrators, exc. farm	20 750	8 626	41.6	2 606	455	2 735	699	156	550	1 425	12 124
Sales workers	15 355	6 563	42.7	1 914	246	1 271	721	69	531	1 811	8 792
Clerical and kindred workers	62 335	24 985	40.1	8 389	943	7 293	1 974	331	1 003	5 052	37 350
Craftsmen, foremen, and kindred workers	40 881	21 802	53.3	1 238	235	12 594	2 919	258	1 270	3 288	19 079
Operatives, except transport	40 510	15 839	39.1	2 094	241	7 070	1 799	611	873	3 151	24 671
Transport equipment operatives	17 200	6 243	36.3	801	270	2 475	623	241	476	1 357	10 957
Laborers, except farm	19 491	7 093	36.4	1 275	153	2 306	549	258	287	2 265	12 398
Farm workers	2 124	702	33.1	104	–	129	–	60	–	409	1 422
Service workers, exc. private household	40 292	16 106	40.0	2 204	1 378	6 196	1 166	454	1 080	3 628	24 186
Private household workers	325	81	...	22	–	–	–	16	–	43	244
COLLEGE 4 YEARS OR MORE											
Male employed, 16 years old and over	**188 876**	**57 982**	**30.7**	**7 701**	**4 007**	**13 045**	**7 444**	**2 843**	**6 308**	**16 634**	**130 894**
Professional, technical, and kindred workers	115 775	31 608	27.3	3 495	3 164	6 103	5 268	1 577	4 216	7 785	84 167
Managers and administrators, exc. farm	24 179	5 961	24.7	1 319	279	1 701	497	425	780	960	18 218
Sales workers	6 397	2 152	33.6	676	47	356	221	85	207	560	4 245
Clerical and kindred workers	15 325	5 410	35.3	1 128	111	931	473	322	553	1 892	9 915
Craftsmen, foremen, and kindred workers	8 767	4 529	51.7	331	26	1 971	464	141	49	1 547	4 238
Operatives, except transport	4 870	2 467	50.7	237	59	614	224	141	148	1 044	2 403
Transport equipment operatives	2 073	882	42.5	61	23	283	45	18	72	380	1 191
Laborers, except farm	3 199	1 151	36.0	27	81	97	29	62	36	819	2 048
Farm workers	725	397	54.8	19	–	10	–	22	21	325	328
Service workers, exc. private household	7 463	3 379	45.3	408	217	957	223	50	202	1 322	4 084
Private household workers	103	46	...	–	–	22	–	–	24	–	57

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 to 19 years old	**255 154**	**43 907**	**17.2**	**3 672**	**942**	**14 981**	**2 384**	**1 305**	**1 875**	**18 748**	**211 247**
Professional, technical, and kindred workers	6 885	1 880	27.3	137	266	311	354	46	81	685	5 005
Managers and administrators, exc. farm	1 629	224	13.8	–	–	113	–	31	–	80	1 405
Sales workers	10 220	1 780	17.4	277	–	348	41	–	30	1 084	8 440
Clerical and kindred workers	30 477	6 496	21.3	1 579	58	1 329	267	103	315	2 845	23 981
Craftsmen, foremen, and kindred workers	20 784	5 841	28.1	224	12	3 012	504	80	300	1 709	14 943
Operatives, except transport	45 052	8 274	18.4	474	48	3 551	417	194	295	3 295	36 778
Transport equipment operatives	12 361	2 046	16.6	88	–	687	44	42	63	1 122	10 315
Laborers, except farm	50 477	6 729	13.3	375	71	2 334	459	244	216	3 030	43 748
Farm workers	13 678	1 472	10.8	–	21	343	–	255	137	716	12 206
Service workers, exc. private household	62 730	9 124	14.5	518	466	2 930	298	310	438	4 164	53 606
Private household workers	861	41	4.8	–	–	23	–	–	–	18	820
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 to 19 years old	**175 224**	**21 614**	**12.3**	**1 364**	**493**	**8 459**	**986**	**697**	**1 125**	**8 490**	**153 610**
Professional, technical, and kindred workers	3 597	844	23.5	20	178	185	88	–	45	328	2 753
Managers and administrators, exc. farm	788	31	3.9	–	–	31	–	–	–	–	757
Sales workers	7 372	933	12.7	166	–	238	22	–	–	507	6 439
Clerical and kindred workers	15 022	2 089	13.9	439	44	587	72	48	104	795	12 933
Craftsmen, foremen, and kindred workers	11 876	2 426	20.4	37	–	1 383	201	15	215	575	9 450
Operatives, except transport	28 352	4 163	14.7	200	17	2 103	123	73	212	1 435	24 189
Transport equipment operatives	8 061	854	10.6	51	–	406	–	21	39	337	7 207
Laborers, except farm	38 610	3 929	10.2	180	31	1 592	280	107	161	1 578	34 681
Farm workers	12 241	986	8.1	–	–	242	–	217	111	416	11 255
Service workers, exc. private household	48 559	5 359	11.0	271	223	1 692	200	216	238	2 519	43 200
Private household workers	746	–	–	–	–	–	–	–	–	–	746
HIGH SCHOOL 4 YEARS											
Male employed, 16 to 19 years old	**68 408**	**19 150**	**28.0**	**1 751**	**364**	**6 044**	**1 145**	**547**	**691**	**8 608**	**49 258**
Professional, technical, and kindred workers	2 279	795	34.9	104	39	126	223	31	12	260	1 484
Managers and administrators, exc. farm	608	141	23.2	–	–	56	–	31	–	54	467
Sales workers	2 029	629	31.0	80	–	85	19	–	30	415	1 400
Clerical and kindred workers	12 408	3 618	29.2	853	–	626	166	32	192	1 749	8 790
Craftsmen, foremen, and kindred workers	8 059	3 153	39.1	171	12	1 551	282	65	85	987	4 906
Operatives, except transport	15 216	3 626	23.8	200	31	1 336	218	121	83	1 637	11 590
Transport equipment operatives	3 942	1 094	27.8	14	–	281	44	21	24	710	2 848
Laborers, except farm	10 422	2 242	21.5	112	18	675	122	114	39	1 162	8 180
Farm workers	1 291	465	36.0	–	21	101	–	38	26	279	826
Service workers, exc. private household	12 039	3 346	27.8	217	243	1 184	71	94	200	1 337	8 693
Private household workers	115	41	...	–	–	23	–	–	–	18	74
COLLEGE 1 TO 3 YEARS											
Male employed, 16 to 19 years old	**11 522**	**3 143**	**27.3**	**557**	**85**	**478**	**253**	**61**	**59**	**1 650**	**8 379**
Professional, technical, and kindred workers	1 009	241	23.9	13	49	–	43	15	24	97	768
Managers and administrators, exc. farm	233	52	...	–	–	26	–	–	–	26	181
Sales workers	819	218	26.6	31	–	25	–	–	–	162	601
Clerical and kindred workers	3 047	789	25.9	287	14	116	29	23	19	301	2 258
Craftsmen, foremen, and kindred workers	849	262	30.9	16	–	78	21	–	–	147	587
Operatives, except transport	1 484	485	32.7	74	–	112	76	–	–	223	999
Transport equipment operatives	358	98	...	23	–	–	–	–	–	75	260
Laborers, except farm	1 445	558	38.6	83	22	67	57	23	16	290	887
Farm workers	146	21	...	–	–	–	–	–	–	21	125
Service workers, exc. private household	2 132	419	19.7	30	–	54	27	–	–	308	1 713
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 16 to 19 years old	–	–	–	–	–	–	–	–	–	–	–
Professional, technical, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, exc. farm	–	–	–	–	–	–	–	–	–	–	–
Sales workers	–	–	–	–	–	–	–	–	–	–	–
Clerical and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Craftsmen, foremen, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	–	–	–	–	–	–	–	–	–	–	–
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 7. Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 20 to 24 years old	**466 484**	**127 678**	**27.4**	**13 670**	**2 968**	**46 459**	**10 282**	**2 670**	**6 319**	**45 310**	**338 806**
Professional, technical, and kindred workers	22 110	8 908	40.3	993	474	1 721	2 307	76	339	2 998	13 202
Managers and administrators, exc. farm	7 986	2 589	32.4	656	70	592	123	24	165	959	5 397
Sales workers	11 810	3 743	31.7	560	121	984	285	36	285	1 472	8 067
Clerical and kindred workers	56 333	18 053	32.0	5 166	470	4 897	1 138	270	865	5 247	38 280
Craftsmen, foremen, and kindred workers	61 983	20 541	33.1	965	232	9 972	1 890	359	959	6 164	41 442
Operatives, except transport	118 088	31 381	26.6	2 101	307	13 736	2 151	821	1 667	10 598	86 707
Transport equipment operatives	37 317	8 588	23.0	842	144	3 091	502	168	405	3 436	28 729
Laborers, except farm	72 877	14 987	20.6	1 079	278	5 403	1 021	429	652	6 125	57 890
Farm workers	17 016	2 265	13.3	60	15	381	–	182	73	1 554	14 751
Service workers, exc. private household	60 023	16 436	27.4	1 248	857	5 640	865	305	909	6 612	43 587
Private household workers	941	187	19.9	–	–	42	–	–	–	145	754
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 20 to 24 years old	**190 857**	**33 646**	**17.6**	**1 767**	**645**	**13 102**	**1 582**	**750**	**1 978**	**13 822**	**157 211**
Professional, technical, and kindred workers	2 527	785	31.1	27	46	245	172	–	18	277	1 742
Managers and administrators, exc. farm	1 817	377	20.7	20	–	115	39	–	–	203	1 440
Sales workers	2 799	647	23.1	95	–	106	29	–	66	351	2 152
Clerical and kindred workers	11 304	2 654	23.5	609	157	653	87	60	76	1 012	8 650
Craftsmen, foremen, and kindred workers	25 548	5 770	22.6	163	44	2 787	371	120	309	1 976	19 778
Operatives, except transport	51 112	9 494	18.6	381	87	4 110	394	176	684	3 662	41 618
Transport equipment operatives	16 811	2 688	16.0	145	50	967	110	43	127	1 246	14 123
Laborers, except farm	38 763	5 174	13.3	115	93	2 151	147	124	310	2 234	33 589
Farm workers	13 693	1 070	7.8	–	–	208	–	65	34	763	12 623
Service workers, exc. private household	25 912	4 936	19.0	212	168	1 741	233	162	354	2 066	20 976
Private household workers	571	51	8.9	–	–	19	–	–	–	32	520
HIGH SCHOOL 4 YEARS											
Male employed, 20 to 24 years old	**206 209**	**70 190**	**34.0**	**8 059**	**1 450**	**27 424**	**5 645**	**1 464**	**3 146**	**23 002**	**136 019**
Professional, technical, and kindred workers	8 166	3 708	45.4	386	223	952	1 040	48	140	919	4 458
Managers and administrators, exc. farm	3 719	1 456	39.2	384	48	292	68	24	110	530	2 263
Sales workers	5 274	1 811	34.3	334	64	706	106	–	61	540	3 463
Clerical and kindred workers	28 788	10 516	36.5	3 116	149	3 318	608	142	618	2 565	18 272
Craftsmen, foremen, and kindred workers	29 810	11 916	40.0	692	128	5 857	1 065	189	499	3 486	17 894
Operatives, except transport	56 550	17 997	31.8	1 300	153	8 355	1 261	485	777	5 666	38 553
Transport equipment operatives	17 335	4 901	28.3	552	17	1 819	344	68	192	1 909	12 434
Laborers, except farm	28 525	8 002	28.1	572	141	2 892	709	265	303	3 120	20 523
Farm workers	2 716	921	33.9	60	15	173	–	100	39	534	1 795
Service workers, exc. private household	24 992	8 826	35.3	663	512	3 037	444	143	407	3 620	16 166
Private household workers	334	136	...	–	–	23	–	–	–	113	198
COLLEGE 1 TO 3 YEARS											
Male employed, 20 to 24 years old	**69 418**	**23 842**	**34.3**	**3 844**	**873**	**5 933**	**3 055**	**456**	**1 195**	**8 486**	**45 576**
Professional, technical, and kindred workers	11 417	4 415	38.7	580	205	524	1 095	28	181	1 802	7 002
Managers and administrators, exc. farm	2 450	756	30.9	252	22	185	16	–	55	226	1 694
Sales workers	3 737	1 285	34.4	131	57	172	150	36	158	581	2 452
Clerical and kindred workers	16 241	4 883	30.1	1 441	164	926	443	68	171	1 670	11 358
Craftsmen, foremen, and kindred workers	6 625	2 855	43.1	110	60	1 328	454	50	151	702	3 770
Operatives, except transport	10 426	3 890	37.3	420	67	1 271	496	160	206	1 270	6 536
Transport equipment operatives	3 171	999	31.5	145	77	305	48	57	86	281	2 172
Laborers, except farm	5 589	1 811	32.4	392	44	360	165	40	39	771	3 778
Farm workers	607	274	45.1	–	–	–	–	17	–	257	333
Service workers, exc. private household	9 119	2 674	29.3	373	177	862	188	–	148	926	6 445
Private household workers	36	–	–	–	–	–	–	–	–	–	36
COLLEGE 4 YEARS OR MORE											
Male employed, 20 to 24 years old	**14 165**	**3 376**	**23.8**	**446**	**139**	**154**	**517**	**62**	**251**	**1 807**	**10 789**
Professional, technical, and kindred workers	8 660	1 700	19.6	245	76	141	368	–	168	702	6 960
Managers and administrators, exc. farm	797	182	22.8	77	–	–	20	–	18	67	615
Sales workers	565	136	24.1	24	–	–	–	–	–	112	429
Clerical and kindred workers	1 738	444	25.5	88	–	–	46	20	47	243	1 294
Craftsmen, foremen, and kindred workers	594	241	40.6	–	–	–	14	–	18	209	353
Operatives, except transport	493	190	38.5	–	40	–	20	–	–	130	303
Transport equipment operatives	123	33	...	–	–	–	–	–	–	33	90
Laborers, except farm	522	166	31.8	12	–	–	29	20	–	105	356
Farm workers	144	128	...	–	–	–	–	22	–	106	16
Service workers, exc. private household	529	156	29.5	–	23	13	20	–	–	100	373
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 25 to 34 years old	**905 976**	**237 416**	**26.2**	**24 816**	**8 018**	**97 048**	**16 700**	**4 606**	**9 801**	**76 427**	**668 560**
Professional, technical, and kindred workers	36 360	17 575	48.3	2 357	2 166	3 758	4 262	222	1 233	3 577	18 785
Managers and administrators, exc. farm	24 050	7 825	32.5	2 064	300	2 403	638	153	335	1 932	16 225
Sales workers	20 037	6 507	32.5	1 947	222	1 782	411	98	315	1 732	13 530
Clerical and kindred workers	82 715	27 476	33.2	8 148	814	8 677	1 628	411	1 425	6 373	55 239
Craftsmen, foremen, and kindred workers	158 022	50 539	32.0	1 943	500	28 949	3 697	751	1 425	13 274	107 483
Operatives, except transport	214 718	48 416	22.5	3 228	867	22 704	2 869	1 109	1 729	15 910	166 302
Transport equipment operatives	104 151	21 014	20.2	1 480	459	8 653	1 038	650	973	7 761	83 137
Laborers, except farm	126 607	22 273	17.6	1 089	287	7 161	661	348	729	11 998	104 334
Farm workers	28 213	3 565	12.6	38	–	602	20	105	60	2 740	24 648
Service workers, exc. private household	109 030	31 893	29.3	2 522	2 403	12 341	1 476	759	1 540	10 852	77 137
Private household workers	2 073	333	16.1	–	–	18	–	–	37	278	1 740
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 25 to 34 years old	**456 369**	**74 943**	**16.4**	**2 994**	**1 761**	**27 447**	**2 103**	**1 002**	**2 354**	**37 282**	**381 426**
Professional, technical, and kindred workers	5 396	1 618	30.0	216	131	336	88	21	190	636	3 778
Managers and administrators, exc. farm	6 750	1 224	18.1	102	61	349	109	27	–	576	5 526
Sales workers	5 582	986	17.7	310	47	280	25	47	20	257	4 596
Clerical and kindred workers	22 197	5 116	23.0	697	181	1 469	165	31	281	2 292	17 081
Craftsmen, foremen, and kindred workers	80 397	16 428	20.4	274	192	8 053	519	194	395	6 801	63 969
Operatives, except transport	111 571	16 869	15.1	563	175	6 970	603	182	524	7 852	94 702
Transport equipment operatives	58 520	8 222	14.0	353	194	3 140	156	137	241	4 001	50 298
Laborers, except farm	85 432	10 861	12.7	154	157	2 779	161	125	257	7 228	74 571
Farm workers	24 754	2 378	9.6	–	–	314	20	37	23	1 984	22 376
Service workers, exc. private household	54 192	11 059	20.4	325	623	3 739	257	201	423	5 491	43 133
Private household workers	1 578	182	11.5	–	–	18	–	–	–	164	1 396
HIGH SCHOOL 4 YEARS											
Male employed, 25 to 34 years old	**352 581**	**120 730**	**34.2**	**14 098**	**3 696**	**55 438**	**8 297**	**2 853**	**5 025**	**31 323**	**231 851**
Professional, technical, and kindred workers	14 115	7 180	50.9	981	866	1 858	1 784	162	438	1 091	6 935
Managers and administrators, exc. farm	10 630	4 106	38.6	1 152	184	1 497	266	78	146	783	6 524
Sales workers	9 197	3 388	36.8	894	128	1 133	155	18	201	859	5 809
Clerical and kindred workers	41 784	14 557	34.8	4 589	184	5 119	883	264	795	2 723	27 227
Craftsmen, foremen, and kindred workers	64 289	27 153	42.2	1 359	239	16 909	1 919	483	690	5 554	37 136
Operatives, except transport	89 248	26 435	29.6	1 963	602	13 171	1 552	734	971	7 442	62 813
Transport equipment operatives	39 454	10 741	27.2	920	218	4 735	547	437	467	3 417	28 713
Laborers, except farm	35 814	9 584	26.8	638	114	3 685	406	176	367	4 198	26 230
Farm workers	3 230	1 062	32.9	19	–	221	–	68	37	717	2 168
Service workers, exc. private household	44 341	16 373	36.9	1 583	1 161	7 110	785	433	876	4 425	27 968
Private household workers	479	151	31.5	–	–	–	–	–	37	114	328
COLLEGE 1 TO 3 YEARS											
Male employed, 25 to 34 years old	**97 026**	**41 743**	**43.0**	**7 724**	**2 561**	**14 163**	**6 300**	**751**	**2 422**	**7 822**	**55 283**
Professional, technical, and kindred workers	16 849	8 777	52.1	1 160	1 169	1 564	2 390	39	605	1 850	8 072
Managers and administrators, exc. farm	6 670	2 495	37.4	810	55	557	263	48	189	573	4 175
Sales workers	5 258	2 133	40.6	743	47	369	231	33	94	616	3 125
Clerical and kindred workers	18 734	7 803	41.7	2 862	449	2 089	580	116	349	1 358	10 931
Craftsmen, foremen, and kindred workers	13 336	6 958	52.2	310	69	3 987	1 259	74	340	919	6 378
Operatives, except transport	13 899	5 112	36.8	702	90	2 563	714	193	234	616	8 787
Transport equipment operatives	6 177	2 051	33.2	207	47	778	335	76	265	343	4 126
Laborers, except farm	5 361	1 828	34.1	297	16	697	94	47	105	572	3 533
Farm workers	229	125	...	19	–	67	–	–	–	39	104
Service workers, exc. private household	10 497	4 461	42.5	614	619	1 492	434	125	241	936	6 036
Private household workers	16	–	–	–	–	–	–	–	–	–	16
COLLEGE 4 YEARS OR MORE											
Male employed, 25 to 34 years old	**63 786**	**18 383**	**28.8**	**2 275**	**1 346**	**3 021**	**3 073**	**577**	**1 900**	**6 191**	**45 403**
Professional, technical, and kindred workers	42 502	10 774	25.3	1 091	1 152	1 647	2 185	471	1 251	2 977	31 728
Managers and administrators, exc. farm	6 512	1 381	21.2	302	59	321	159	–	185	355	5 131
Sales workers	2 883	863	29.9	218	–	51	145	63	107	279	2 020
Clerical and kindred workers	4 249	1 530	36.0	337	64	111	211	43	191	573	2 719
Craftsmen, foremen, and kindred workers	2 573	1 175	45.7	92	–	428	189	–	–	466	1 398
Operatives, except transport	1 697	937	55.2	114	19	241	167	–	61	335	760
Transport equipment operatives	616	278	45.1	31	–	66	–	–	18	163	338
Laborers, except farm	780	418	53.6	–	24	38	–	–	–	356	362
Farm workers	115	74	...	–	–	–	–	–	–	74	41
Service workers, exc. private household	1 859	953	51.3	90	28	118	17	–	87	613	906
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 35 to 44 years old	**843 515**	**224 843**	**26.7**	**18 655**	**6 010**	**99 453**	**11 992**	**5 035**	**10 636**	**73 062**	**618 672**
Professional, technical, and kindred workers	27 443	13 946	50.8	1 934	1 752	3 506	2 995	214	895	2 650	13 497
Managers and administrators, exc. farm	23 132	8 416	36.4	1 711	329	3 817	556	110	501	1 392	14 716
Sales workers	15 038	4 989	33.2	1 328	119	1 776	386	–	334	1 046	10 049
Clerical and kindred workers	63 491	22 741	35.8	5 647	433	8 275	1 416	421	1 084	5 465	40 750
Craftsmen, foremen, and kindred workers	156 295	51 850	33.2	1 610	336	31 159	2 761	876	2 240	12 868	104 445
Operatives, except transport	172 539	38 766	22.5	2 001	349	18 450	1 429	1 018	1 907	13 612	133 773
Transport equipment operatives	107 694	21 891	20.3	1 008	454	9 375	920	479	1 054	8 601	85 803
Laborers, except farm	128 142	24 168	18.9	1 294	200	8 629	626	625	861	11 933	103 974
Farm workers	30 735	4 030	13.1	160	–	1 019	68	234	65	2 484	26 705
Service workers, exc. private household	115 936	33 426	28.8	1 889	2 020	13 337	835	1 038	1 676	12 631	82 510
Private household workers	3 070	620	20.2	73	18	110	–	20	19	380	2 450
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 35 to 44 years old	**568 768**	**112 263**	**19.7**	**3 925**	**1 875**	**47 134**	**3 097**	**2 749**	**4 165**	**49 318**	**456 505**
Professional, technical, and kindred workers	6 117	2 153	35.2	134	279	632	233	86	90	699	3 964
Managers and administrators, exc. farm	9 945	2 327	23.4	254	–	1 090	172	43	85	683	7 618
Sales workers	6 312	1 379	21.8	271	23	535	40	–	53	457	4 933
Clerical and kindred workers	25 577	6 702	26.2	929	131	2 474	192	130	222	2 624	18 875
Craftsmen, foremen, and kindred workers	104 421	27 331	26.2	485	87	15 025	1 059	582	1 031	9 062	77 090
Operatives, except transport	124 736	21 721	17.4	575	187	10 124	371	580	863	9 021	103 015
Transport equipment operatives	79 769	12 794	16.0	351	199	5 196	447	273	558	5 770	66 975
Laborers, except farm	103 810	15 785	15.2	424	62	4 961	246	415	465	9 212	88 025
Farm workers	28 640	3 411	11.9	84	–	855	68	144	45	2 215	25 229
Service workers, exc. private household	76 887	18 180	23.6	366	889	6 149	269	476	734	9 297	58 707
Private household workers	2 554	480	18.8	52	18	93	–	20	19	278	2 074
HIGH SCHOOL 4 YEARS											
Male employed, 35 to 44 years old	**210 343**	**80 765**	**38.4**	**8 184**	**2 453**	**39 909**	**4 849**	**1 783**	**4 591**	**18 996**	**129 578**
Professional, technical, and kindred workers	10 668	5 692	53.4	889	841	1 576	1 227	64	424	671	4 976
Managers and administrators, exc. farm	7 889	3 516	44.6	691	83	1 755	164	20	254	549	4 373
Sales workers	5 963	2 073	34.8	512	–	800	163	–	135	463	3 890
Clerical and kindred workers	25 554	10 075	39.4	2 441	149	3 939	588	235	678	2 045	15 479
Craftsmen, foremen, and kindred workers	42 023	18 949	45.1	745	227	12 651	1 032	275	763	3 256	23 074
Operatives, except transport	40 128	13 706	34.2	887	146	6 720	734	329	818	4 072	26 422
Transport equipment operatives	24 050	7 572	31.5	394	169	3 610	335	186	457	2 421	16 478
Laborers, except farm	20 913	7 088	33.9	584	111	3 076	323	172	352	2 470	13 825
Farm workers	1 795	555	30.9	30	–	164	–	72	20	269	1 240
Service workers, exc. private household	30 936	11 424	36.9	990	727	5 601	283	430	690	2 703	19 512
Private household workers	424	115	27.1	21	–	17	–	–	–	77	309
COLLEGE 1 TO 3 YEARS											
Male employed, 35 to 44 years old	**64 404**	**31 815**	**49.4**	**6 546**	**1 682**	**12 410**	**4 046**	**503**	**1 880**	**4 748**	**32 589**
Professional, technical, and kindred workers	10 658	6 101	57.2	911	632	1 298	1 535	64	381	1 280	4 557
Managers and administrators, exc. farm	5 298	2 573	48.6	766	246	972	220	47	162	160	2 725
Sales workers	2 763	1 537	55.6	545	96	441	183	–	146	126	1 226
Clerical and kindred workers	12 360	5 964	48.3	2 277	153	1 862	636	56	184	796	6 396
Craftsmen, foremen, and kindred workers	9 851	5 570	56.5	380	22	3 483	670	19	446	550	4 281
Operatives, except transport	7 675	3 339	43.5	539	16	1 606	324	109	226	519	4 336
Transport equipment operatives	3 875	1 525	39.4	263	86	569	138	20	39	410	2 350
Laborers, except farm	3 419	1 295	37.9	286	27	592	57	38	44	251	2 124
Farm workers	300	64	...	46	–	–	–	18	–	–	236
Service workers, exc. private household	8 113	3 822	47.1	533	404	1 587	283	132	252	631	4 291
Private household workers	92	25	...	–	–	–	–	–	–	25	67
COLLEGE 4 YEARS OR MORE											
Male employed, 35 to 44 years old	**54 297**	**17 619**	**32.4**	**2 472**	**1 257**	**4 533**	**2 221**	**761**	**1 891**	**4 484**	**36 678**
Professional, technical, and kindred workers	33 431	9 795	29.3	1 196	959	2 096	1 662	379	1 322	2 181	23 636
Managers and administrators, exc. farm	7 895	2 155	27.3	505	102	743	147	153	287	218	5 740
Sales workers	1 387	481	34.7	150	47	139	21	–	46	78	906
Clerical and kindred workers	4 081	1 524	37.3	322	–	273	99	115	133	582	2 557
Craftsmen, foremen, and kindred workers	2 788	1 484	53.2	103	26	696	170	55	–	434	1 304
Operatives, except transport	945	495	52.4	70	–	122	–	41	24	238	450
Transport equipment operatives	732	312	42.6	–	23	55	22	18	34	160	420
Laborers, except farm	775	283	36.5	15	–	35	–	–	–	233	492
Farm workers	164	146	...	–	–	–	–	–	21	125	18
Service workers, exc. private household	2 033	920	45.3	111	100	374	100	–	–	235	1 113
Private household workers	66	24	...	–	–	–	–	–	24	–	42

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 45 to 54 years old	**756 823**	**197 546**	**26.1**	**12 361**	**3 760**	**91 695**	**7 260**	**6 740**	**8 462**	**67 268**	**559 277**
Professional, technical, and kindred workers	16 753	8 520	50.9	1 121	591	2 564	1 191	96	419	2 538	8 233
Managers and administrators, exc. farm	21 872	7 577	34.6	1 477	176	3 435	492	220	276	1 501	14 295
Sales workers	9 367	2 995	32.0	751	67	1 065	200	73	157	682	6 372
Clerical and kindred workers	51 928	18 899	36.4	3 688	466	8 190	786	422	846	4 501	33 029
Craftsmen, foremen, and kindred workers	132 850	44 859	33.8	1 296	242	26 627	1 563	871	1 603	12 657	87 991
Operatives, except transport	143 672	32 464	22.6	955	497	15 121	1 117	1 079	1 508	12 187	111 208
Transport equipment operatives	84 407	17 598	20.8	593	233	8 702	313	592	978	6 187	66 809
Laborers, except farm	131 313	25 929	19.7	793	165	9 453	528	1 052	816	13 122	105 384
Farm workers	37 607	4 424	11.8	38	–	957	86	611	187	2 545	33 183
Service workers, exc. private household	123 396	33 472	27.1	1 590	1 323	15 376	984	1 724	1 630	10 845	89 924
Private household workers	3 658	809	22.1	59	–	205	–	–	42	503	2 849
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 45 to 54 years old	**583 104**	**122 653**	**21.0**	**3 229**	**1 578**	**55 379**	**2 630**	**4 936**	**4 918**	**49 983**	**460 451**
Professional, technical, and kindred workers	6 034	2 329	38.6	81	198	641	197	27	191	994	3 705
Managers and administrators, exc. farm	11 006	2 502	22.7	231	31	1 342	25	106	130	637	8 504
Sales workers	4 912	1 133	23.1	215	21	512	–	53	41	291	3 779
Clerical and kindred workers	25 009	7 239	28.9	792	133	3 223	159	266	275	2 391	17 770
Craftsmen, foremen, and kindred workers	100 601	28 178	28.0	373	104	15 927	664	676	873	9 561	72 423
Operatives, except transport	116 754	21 862	18.7	231	254	10 084	650	743	1 079	8 821	94 892
Transport equipment operatives	68 729	12 123	17.6	300	93	6 011	145	473	596	4 505	56 606
Laborers, except farm	115 986	20 613	17.8	327	82	7 111	303	771	614	11 405	95 373
Farm workers	35 828	3 935	11.0	25	–	804	68	587	149	2 302	31 893
Service workers, exc. private household	94 958	22 089	23.3	610	662	9 584	419	1 234	928	8 652	72 869
Private household workers	3 287	650	19.8	44	–	140	–	–	42	424	2 637
HIGH SCHOOL 4 YEARS											
Male employed, 45 to 54 years old	**130 611**	**52 086**	**39.9**	**4 979**	**1 403**	**26 569**	**2 588**	**1 278**	**2 228**	**13 041**	**78 525**
Professional, technical, and kindred workers	5 419	2 827	52.2	404	214	1 019	448	69	121	552	2 592
Managers and administrators, exc. farm	6 780	3 050	45.0	681	82	1 379	267	53	125	463	3 730
Sales workers	2 752	912	33.1	210	–	395	69	20	41	177	1 840
Clerical and kindred workers	18 717	7 573	40.5	1 743	201	3 226	377	88	352	1 586	11 144
Craftsmen, foremen, and kindred workers	25 101	12 255	48.8	663	94	7 986	520	152	461	2 379	12 846
Operatives, except transport	22 124	8 380	37.9	407	175	3 964	336	227	297	2 974	13 744
Transport equipment operatives	12 922	4 193	32.4	145	80	2 039	92	84	296	1 457	8 729
Laborers, except farm	13 016	4 152	31.9	274	60	1 908	76	212	137	1 485	8 864
Farm workers	1 378	363	26.3	–	–	132	18	24	38	151	1 015
Service workers, exc. private household	22 082	8 240	37.3	437	497	4 456	385	349	360	1 756	13 842
Private household workers	320	141	...	15	–	65	–	–	–	61	179
COLLEGE 1 TO 3 YEARS											
Male employed, 45 to 54 years old	**43 108**	**22 807**	**52.9**	**4 153**	**779**	**9 747**	**2 042**	**526**	**1 316**	**4 244**	**20 301**
Professional, technical, and kindred workers	5 300	3 364	63.5	636	179	904	546	–	107	992	1 936
Managers and administrators, exc. farm	4 086	2 025	49.6	565	63	714	200	61	21	401	2 061
Sales workers	1 703	950	55.8	326	46	158	131	–	75	214	753
Clerical and kindred workers	8 202	4 087	49.8	1 153	132	1 741	250	68	219	524	4 115
Craftsmen, foremen, and kindred workers	7 148	4 426	61.9	260	44	2 714	379	43	269	717	2 722
Operatives, except transport	4 794	2 222	46.3	317	68	1 073	131	109	132	392	2 572
Transport equipment operatives	2 756	1 282	46.5	148	60	652	76	35	86	225	1 474
Laborers, except farm	2 311	1 164	50.4	192	23	434	149	69	65	232	1 147
Farm workers	401	126	31.4	13	–	21	–	–	–	92	275
Service workers, exc. private household	6 356	3 143	49.4	543	164	1 336	180	141	342	437	3 213
Private household workers	51	18	...	–	–	–	–	–	–	18	33
COLLEGE 4 YEARS OR MORE											
Male employed, 45 to 54 years old	**33 850**	**12 069**	**35.7**	**1 669**	**592**	**3 862**	**1 132**	**981**	**1 354**	**2 479**	**21 781**
Professional, technical, and kindred workers	18 552	5 948	32.1	748	421	1 564	683	540	853	1 139	12 604
Managers and administrators, exc. farm	5 542	1 571	28.3	323	80	494	114	185	178	197	3 971
Sales workers	898	434	48.3	191	–	124	35	–	37	47	464
Clerical and kindred workers	3 175	1 200	37.8	152	25	455	117	102	97	252	1 975
Craftsmen, foremen, and kindred workers	1 748	1 044	59.7	76	–	542	58	43	16	309	704
Operatives, except transport	1 048	548	52.3	53	–	228	37	19	43	168	500
Transport equipment operatives	439	201	45.8	30	–	124	23	–	–	24	238
Laborers, except farm	484	161	33.3	–	–	24	–	42	15	80	323
Farm workers	129	30	...	–	–	10	–	–	–	20	99
Service workers, exc. private household	1 813	910	50.2	96	66	275	65	50	115	243	903
Private household workers	22	22	...	–	–	22	–	–	–	–	–

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 55 to 64 years old	**504 940**	**92 574**	**18.3**	**4 002**	**1 576**	**34 360**	**2 407**	**2 367**	**4 115**	**43 747**	**412 366**
Professional, technical, and kindred workers	8 599	3 577	41.6	278	267	915	302	131	538	1 146	5 022
Managers and administrators, exc. farm	12 120	3 111	25.7	515	76	1 361	65	17	259	818	9 009
Sales workers	5 480	1 238	22.6	246	20	481	44	–	117	330	4 242
Clerical and kindred workers	25 059	6 316	25.2	1 032	80	2 569	118	82	231	2 204	18 743
Craftsmen, foremen, and kindred workers	72 016	18 790	26.1	457	161	9 644	698	393	690	6 747	53 226
Operatives, except transport	85 434	14 617	17.1	321	100	5 173	321	179	425	8 098	70 817
Transport equipment operatives	45 182	7 996	17.7	297	85	2 662	205	192	229	4 326	37 186
Laborers, except farm	99 498	14 014	14.1	226	103	3 447	222	371	555	9 090	85 484
Farm workers	35 533	2 893	8.1	57	22	351	52	250	41	2 120	32 640
Service workers, exc. private household	112 100	19 346	17.3	573	662	7 672	380	656	1 008	8 395	92 754
Private household workers	3 919	676	17.2	–	–	85	–	96	22	473	3 243
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 55 to 64 years old	**435 619**	**67 160**	**15.4**	**1 395**	**920**	**22 926**	**1 315**	**1 621**	**2 259**	**36 724**	**368 459**
Professional, technical, and kindred workers	3 964	1 044	26.3	–	72	337	68	21	181	365	2 920
Managers and administrators, exc. farm	7 666	1 474	19.2	142	18	699	21	–	95	499	6 192
Sales workers	3 396	606	17.8	95	–	207	–	–	59	245	2 790
Clerical and kindred workers	16 204	3 065	18.9	260	40	1 182	59	82	84	1 358	13 139
Craftsmen, foremen, and kindred workers	60 848	13 463	22.1	186	65	6 418	396	274	376	5 748	47 385
Operatives, except transport	75 691	11 236	14.8	187	100	3 564	108	125	261	6 891	64 455
Transport equipment operatives	40 200	6 590	16.4	215	47	2 041	185	125	205	3 772	33 610
Laborers, except farm	92 904	12 140	13.1	82	82	2 787	195	254	462	8 278	80 764
Farm workers	34 525	2 618	7.6	31	–	282	52	223	23	2 007	31 907
Service workers, exc. private household	96 575	14 362	14.9	197	496	5 345	231	471	491	7 131	82 213
Private household workers	3 646	562	15.4	–	–	64	–	46	22	430	3 084
HIGH SCHOOL 4 YEARS											
Male employed, 55 to 64 years old	**51 269**	**17 702**	**34.5**	**1 598**	**469**	**7 984**	**639**	**490**	**1 173**	**5 349**	**33 567**
Professional, technical, and kindred workers	2 305	1 179	51.1	181	98	284	73	82	149	312	1 126
Managers and administrators, exc. farm	2 790	1 058	37.9	180	39	439	44	17	41	298	1 732
Sales workers	1 251	313	25.0	67	20	168	18	–	21	19	938
Clerical and kindred workers	5 720	2 013	35.2	470	9	891	23	–	86	534	3 707
Craftsmen, foremen, and kindred workers	8 432	3 760	44.6	131	77	2 296	193	47	250	766	4 672
Operatives, except transport	7 742	2 663	34.4	101	–	1 187	155	31	89	1 100	5 079
Transport equipment operatives	4 410	1 192	27.0	67	38	498	20	14	24	531	3 218
Laborers, except farm	5 429	1 472	27.1	119	–	521	–	94	75	663	3 957
Farm workers	681	208	30.5	–	22	28	–	27	18	113	473
Service workers, exc. private household	12 280	3 746	30.5	282	166	1 651	113	144	420	970	8 534
Private household workers	229	98	...	–	–	21	–	34	–	43	131
COLLEGE 1 TO 3 YEARS											
Male employed, 55 to 64 years old	**18 052**	**7 712**	**42.7**	**1 009**	**187**	**3 450**	**453**	**256**	**683**	**1 674**	**10 340**
Professional, technical, and kindred workers	2 330	1 354	58.1	97	97	294	161	28	208	469	976
Managers and administrators, exc. farm	1 664	579	34.8	193	19	223	–	–	123	21	1 085
Sales workers	833	319	38.3	84	–	106	26	–	37	66	514
Clerical and kindred workers	3 135	1 238	39.5	302	31	496	36	–	61	312	1 897
Craftsmen, foremen, and kindred workers	2 736	1 567	57.3	140	19	930	109	72	64	233	1 169
Operatives, except transport	2 001	718	35.9	33	–	422	58	23	75	107	1 283
Transport equipment operatives	572	214	37.4	15	–	123	–	53	–	23	358
Laborers, except farm	1 165	402	34.5	25	21	139	27	23	18	149	763
Farm workers	327	67	...	26	–	41	–	–	–	–	260
Service workers, exc. private household	3 245	1 238	38.2	94	–	676	36	41	97	294	2 007
Private household workers	44	16	...	–	–	–	–	16	–	–	28
COLLEGE 4 YEARS OR MORE											
Male employed, 55 to 64 years old	**16 965**	**4 743**	**28.0**	**640**	**356**	**1 073**	**456**	**374**	**600**	**1 244**	**12 222**
Professional, technical, and kindred workers	9 092	2 340	25.7	178	239	451	325	139	373	635	6 752
Managers and administrators, exc. farm	2 828	513	18.1	95	38	89	57	87	112	35	2 315
Sales workers	380	177	...	57	–	28	20	22	17	33	203
Clerical and kindred workers	1 547	506	32.7	180	22	70	–	20	37	177	1 041
Craftsmen, foremen, and kindred workers	968	531	54.9	60	–	266	33	43	–	129	437
Operatives, except transport	586	208	35.5	–	–	23	–	63	20	102	378
Transport equipment operatives	146	58	...	–	–	38	–	–	20	–	88
Laborers, except farm	454	123	27.1	–	57	–	–	–	21	45	331
Farm workers	115	19	...	19	–	–	–	–	–	–	96
Service workers, exc. private household	849	268	31.6	51	–	108	21	–	–	88	581
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 65 years old and over	**147 629**	**23 461**	**15.9**	**1 104**	**503**	**6 053**	**675**	**424**	**934**	**13 768**	**124 168**
Professional, technical, and kindred workers	3 808	1 119	29.4	145	39	199	–	–	324	412	2 689
Managers and administrators, exc. farm	4 594	1 179	25.7	190	125	462	–	–	52	350	3 415
Sales workers	2 337	400	17.1	223	–	34	–	–	42	101	1 937
Clerical and kindred workers	5 164	1 190	23.0	207	38	240	92	11	63	539	3 974
Craftsmen, foremen, and kindred workers	15 992	3 923	24.5	97	60	1 773	155	63	–	1 775	12 069
Operatives, except transport	14 572	2 663	18.3	9	17	466	124	38	77	1 932	11 909
Transport equipment operatives	10 024	1 699	16.9	–	59	349	48	–	–	1 243	8 325
Laborers, except farm	27 727	3 874	14.0	21	–	659	59	72	111	2 952	23 853
Farm workers	17 687	1 384	7.8	–	–	92	–	85	36	1 171	16 303
Service workers, exc. private household	42 860	5 893	13.7	190	165	1 779	197	155	213	3 194	36 967
Private household workers	2 864	137	4.8	22	–	–	–	–	16	99	2 727
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 65 years old and over	**131 925**	**17 974**	**13.6**	**450**	**322**	**4 059**	**481**	**228**	**539**	**11 895**	**113 951**
Professional, technical, and kindred workers	1 787	360	20.1	–	30	49	–	–	115	166	1 427
Managers and administrators, exc. farm	3 444	685	19.9	136	59	183	–	–	36	271	2 759
Sales workers	1 862	187	10.0	92	–	19	–	–	21	55	1 675
Clerical and kindred workers	3 419	615	18.0	50	38	96	92	–	63	276	2 804
Craftsmen, foremen, and kindred workers	13 802	2 887	20.9	34	30	1 202	111	21	–	1 489	10 915
Operatives, except transport	12 946	2 184	16.9	–	17	322	81	–	77	1 687	10 762
Transport equipment operatives	8 947	1 448	16.2	–	21	286	22	–	–	1 119	7 499
Laborers, except farm	26 487	3 489	13.2	21	–	481	59	45	92	2 791	22 998
Farm workers	17 385	1 306	7.5	–	–	92	–	60	–	1 154	16 079
Service workers, exc. private household	39 244	4 698	12.0	117	127	1 329	116	102	119	2 788	34 546
Private household workers	2 602	115	4.4	–	–	–	–	–	16	99	2 487
HIGH SCHOOL 4 YEARS											
Male employed, 65 years old and over	**11 356**	**3 925**	**34.6**	**398**	**96**	**1 471**	**123**	**121**	**298**	**1 418**	**7 431**
Professional, technical, and kindred workers	969	427	44.1	100	9	99	–	–	133	86	542
Managers and administrators, exc. farm	801	348	43.4	34	16	221	–	–	16	61	453
Sales workers	233	92	...	77	–	15	–	–	–	–	141
Clerical and kindred workers	1 129	354	31.4	90	–	81	–	11	–	172	775
Craftsmen, foremen, and kindred workers	1 854	872	47.0	41	9	497	17	42	–	266	982
Operatives, except transport	1 395	406	29.1	–	–	121	43	21	–	221	989
Transport equipment operatives	786	177	22.5	–	38	15	–	–	–	124	609
Laborers, except farm	1 039	350	33.7	–	–	161	–	9	19	161	689
Farm workers	188	53	...	–	–	–	–	–	36	17	135
Service workers, exc. private household	2 786	846	30.4	56	24	261	63	38	94	310	1 940
Private household workers	176	–	–	–	–	–	–	–	–	–	176
COLLEGE 1 TO 3 YEARS											
Male employed, 65 years old and over	**4 348**	**1 562**	**35.9**	**256**	**85**	**523**	**71**	**75**	**97**	**455**	**2 786**
Professional, technical, and kindred workers	1 052	332	31.6	45	–	51	–	–	76	160	720
Managers and administrators, exc. farm	349	146	...	20	50	58	–	–	–	18	203
Sales workers	242	121	...	54	–	–	–	–	21	46	121
Clerical and kindred workers	616	221	35.9	67	–	63	–	–	–	91	395
Craftsmen, foremen, and kindred workers	336	164	...	22	21	74	27	–	–	20	172
Operatives, except transport	231	73	...	9	–	23	–	17	–	24	158
Transport equipment operatives	291	74	...	–	–	48	26	–	–	–	217
Laborers, except farm	201	35	...	–	–	17	–	18	–	–	166
Farm workers	114	25	...	–	–	–	–	25	–	–	89
Service workers, exc. private household	830	349	42.0	17	14	189	18	15	–	96	481
Private household workers	86	22	...	22	–	–	–	–	–	–	64
COLLEGE 4 YEARS OR MORE											
Male employed, 65 years old and over	**5 813**	**1 792**	**30.8**	**199**	**317**	**402**	**45**	**88**	**312**	**429**	**4 021**
Professional, technical, and kindred workers	3 538	1 051	29.7	37	317	204	45	48	249	151	2 487
Managers and administrators, exc. farm	605	159	26.3	17	–	54	–	–	–	88	446
Sales workers	284	61	...	36	–	14	–	–	–	11	223
Clerical and kindred workers	535	206	38.5	49	–	22	–	22	48	65	329
Craftsmen, foremen, and kindred workers	96	54	...	–	–	39	–	–	15	–	42
Operatives, except transport	101	89	...	–	–	–	–	18	–	71	12
Transport equipment operatives	17	–	–	–	–	–	–	–	–	–	17
Laborers, except farm	184	–	–	–	–	–	–	–	–	–	184
Farm workers	58	–	–	–	–	–	–	–	–	–	58
Service workers, exc. private household	380	172	...	60	–	69	–	–	–	43	208
Private household workers	15	–	–	–	–	–	–	–	–	–	15

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 years old and over	**3 097 656**	**844 850**	**27.3**	**233 268**	**197 083**	**110 351**	**4 400**	**20 439**	**21 917**	**257 392**	**2 252 806**
Professional, technical, and kindred workers	186 146	94 983	51.0	13 743	50 525	4 944	1 268	1 922	3 564	19 017	91 163
Managers and administrators, exc. farm	37 810	11 406	30.2	4 354	1 560	1 760	99	526	609	2 498	26 404
Sales workers	83 084	22 216	26.7	7 292	2 203	3 357	124	528	660	8 052	60 868
Clerical and kindred workers	669 342	259 677	38.8	162 282	15 974	17 440	951	3 263	5 933	53 834	409 665
Craftsmen, foremen, and kindred workers	47 347	12 436	26.3	2 160	988	3 983	180	409	239	4 477	34 911
Operatives, except transport	531 630	103 010	19.4	17 624	9 742	23 660	772	4 573	3 182	43 457	428 620
Transport equipment operatives	12 914	2 603	20.2	462	303	716	33	40	108	941	10 311
Laborers, except farm	48 046	8 801	18.3	1 792	977	1 473	63	352	272	3 872	39 245
Farm workers	41 917	5 879	14.0	227	292	367	13	103	72	4 805	36 038
Service workers, exc. private household	845 231	245 533	29.0	18 778	102 999	44 311	741	6 173	5 308	67 223	599 698
Private household workers	594 189	78 306	13.2	4 554	11 520	8 340	156	2 550	1 970	49 216	515 883
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 years old and over	**1 730 282**	**304 179**	**17.6**	**36 006**	**66 610**	**47 139**	**1 151**	**8 428**	**8 145**	**136 700**	**1 426 103**
Professional, technical, and kindred workers	45 267	17 350	38.3	1 218	9 431	1 150	128	611	739	4 073	27 917
Managers and administrators, exc. farm	15 322	2 698	17.6	537	446	506	42	187	200	780	12 624
Sales workers	35 139	6 480	18.4	1 415	710	1 207	19	98	246	2 785	28 659
Clerical and kindred workers	154 086	47 001	30.5	20 842	3 274	3 635	108	622	1 148	17 372	107 085
Craftsmen, foremen, and kindred workers	25 864	5 324	20.6	492	281	1 762	40	104	108	2 537	20 540
Operatives, except transport	325 243	48 928	15.0	4 375	4 294	11 019	417	1 796	1 647	25 380	276 315
Transport equipment operatives	8 883	1 291	14.5	145	156	348	–	40	61	541	7 592
Laborers, except farm	31 322	3 634	11.6	229	286	626	–	117	126	2 250	27 688
Farm workers	36 246	3 354	9.3	40	127	159	13	103	72	2 840	32 892
Service workers, exc. private household	543 898	111 898	20.6	5 118	39 956	20 901	303	3 017	2 419	40 184	432 000
Private household workers	509 012	56 221	11.0	1 595	7 649	5 826	81	1 733	1 379	37 958	452 791
HIGH SCHOOL 4 YEARS											
Female employed, 16 years old and over	**1 058 348**	**403 358**	**38.1**	**142 608**	**94 481**	**51 914**	**1 865**	**9 252**	**9 301**	**93 937**	**654 990**
Professional, technical, and kindred workers	76 861	42 648	55.5	6 641	24 833	2 344	401	832	1 205	6 392	34 213
Managers and administrators, exc. farm	14 501	5 474	37.7	2 188	778	802	41	218	210	1 237	9 027
Sales workers	36 197	11 115	30.7	4 234	1 026	1 800	66	328	242	3 419	25 082
Clerical and kindred workers	370 363	153 542	41.5	102 104	8 665	10 205	449	1 792	3 218	27 109	216 821
Craftsmen, foremen, and kindred workers	17 817	5 897	33.1	1 392	542	1 905	103	188	106	1 661	11 920
Operatives, except transport	185 717	47 543	25.6	10 721	4 815	11 445	265	2 402	1 310	16 585	138 174
Transport equipment operatives	3 611	1 186	32.8	292	125	347	33	–	33	356	2 425
Laborers, except farm	14 739	4 532	30.7	1 273	591	792	63	212	125	1 476	10 207
Farm workers	4 953	2 131	43.0	139	102	208	–	–	–	1 682	2 822
Service workers, exc. private household	256 585	109 594	42.7	11 289	49 753	19 866	388	2 554	2 337	23 407	146 991
Private household workers	77 004	19 696	25.6	2 335	3 251	2 200	56	726	515	10 613	57 308
COLLEGE 1 TO 3 YEARS											
Female employed, 16 years old and over	**309 026**	**137 313**	**44.4**	**54 654**	**35 992**	**11 298**	**1 384**	**2 759**	**4 471**	**26 755**	**171 713**
Professional, technical, and kindred workers	64 018	34 985	54.6	5 884	16 261	1 450	739	479	1 620	8 552	29 033
Managers and administrators, exc. farm	7 987	3 234	40.5	1 629	336	452	16	121	199	481	4 753
Sales workers	11 748	4 621	39.3	1 643	467	350	39	102	172	1 848	7 127
Clerical and kindred workers	144 893	59 134	40.8	39 336	4 035	3 600	394	849	1 567	9 353	85 759
Craftsmen, foremen, and kindred workers	3 666	1 215	33.1	276	165	316	37	117	25	279	2 451
Operatives, except transport	20 670	6 539	31.6	2 528	633	1 196	90	375	225	1 492	14 131
Transport equipment operatives	420	126	30.0	25	22	21	–	–	14	44	294
Laborers, except farm	1 985	635	32.0	290	100	55	–	23	21	146	1 350
Farm workers	718	394	54.9	48	63	–	–	–	–	283	324
Service workers, exc. private household	44 748	24 041	53.7	2 371	13 290	3 544	50	602	552	3 632	20 707
Private household workers	8 173	2 389	29.2	624	620	314	19	91	76	645	5 784
COLLEGE 4 YEARS OR MORE											
Female employed, 16 years old and over	**236 003**	**58 317**	**24.7**	**9 349**	**9 450**	**3 087**	**517**	**4 551**	**8 432**	**22 931**	**177 686**
Professional, technical, and kindred workers	192 442	42 398	22.0	5 529	8 325	2 089	359	3 817	7 569	14 710	150 044
Managers and administrators, exc. farm	8 815	1 752	19.9	655	208	128	19	204	122	416	7 063
Sales workers	1 997	883	44.2	102	33	38	–	18	–	692	1 114
Clerical and kindred workers	21 755	7 909	36.4	2 887	231	213	58	157	460	3 903	13 846
Craftsmen, foremen, and kindred workers	793	381	48.0	24	21	71	–	37	91	137	412
Operatives, except transport	2 524	1 139	45.1	20	–	57	19	91	52	900	1 385
Transport equipment operatives	23	23	...	–	–	–	–	–	23	–	–
Laborers, except farm	326	147	...	–	–	–	11	–	–	136	179
Farm workers	355	267	...	–	–	–	–	–	18	249	88
Service workers, exc. private household	5 224	2 870	54.9	114	573	447	51	136	68	1 481	2 354
Private household workers	1 749	548	31.3	18	59	44	–	91	29	307	1 201

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 to 19 years old	**192 693**	**44 568**	**23.1**	**19 831**	**4 680**	**3 114**	**369**	**1 021**	**1 160**	**14 393**	**148 125**
Professional, technical, and kindred workers	7 898	1 915	24.2	453	424	75	71	46	139	707	5 983
Managers and administrators, exc. farm	669	226	33.8	98	17	20	–	–	–	91	443
Sales workers	10 933	2 520	23.0	935	179	146	–	44	89	1 127	8 413
Clerical and kindred workers	87 017	25 201	29.0	15 066	916	873	179	356	546	7 265	61 816
Craftsmen, foremen, and kindred workers	1 362	450	33.0	129	–	135	–	–	21	165	912
Operatives, except transport	24 804	4 214	17.0	1 266	418	637	34	199	106	1 554	20 590
Transport equipment operatives	503	40	8.0	26	–	–	–	–	14	–	463
Laborers, except farm	3 981	452	11.4	91	17	60	–	20	–	264	3 529
Farm workers	2 759	249	9.0	32	53	91	–	31	22	20	2 510
Service workers, exc. private household	42 881	8 460	19.7	1 427	2 568	995	85	262	180	2 943	34 421
Private household workers	9 886	841	8.5	308	88	82	–	63	43	257	9 045
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 to 19 years old	**95 247**	**13 679**	**14.4**	**5 511**	**1 837**	**1 006**	**128**	**491**	**452**	**4 254**	**81 568**
Professional, technical, and kindred workers	3 138	456	14.5	112	99	–	26	46	67	106	2 682
Managers and administrators, exc. farm	247	12	...	–	–	–	–	–	–	12	235
Sales workers	6 036	890	14.7	405	61	37	–	44	21	322	5 146
Clerical and kindred workers	30 840	6 524	21.2	3 646	307	205	43	60	169	2 094	24 316
Craftsmen, foremen, and kindred workers	606	97	16.0	62	–	15	–	–	–	20	509
Operatives, except transport	12 365	1 253	10.1	534	87	115	34	58	40	385	11 112
Transport equipment operatives	390	9	...	9	–	–	–	–	–	–	381
Laborers, except farm	2 944	198	6.7	–	–	42	–	20	–	136	2 746
Farm workers	2 450	149	6.1	–	37	39	–	31	22	20	2 301
Service workers, exc. private household	28 312	3 645	12.9	580	1 195	535	25	182	90	1 038	24 667
Private household workers	7 919	446	5.6	163	51	18	–	50	43	121	7 473
HIGH SCHOOL 4 YEARS											
Female employed, 16 to 19 years old	**82 656**	**26 497**	**32.1**	**12 500**	**2 559**	**1 979**	**152**	**424**	**550**	**8 333**	**56 159**
Professional, technical, and kindred workers	3 301	1 118	33.9	292	261	75	–	–	33	457	2 183
Managers and administrators, exc. farm	297	161	...	82	17	20	–	–	–	42	136
Sales workers	3 851	1 229	31.9	469	95	109	–	–	37	519	2 622
Clerical and kindred workers	46 379	15 888	34.3	9 928	504	581	92	229	322	4 232	30 491
Craftsmen, foremen, and kindred workers	663	314	47.4	44	–	120	–	–	21	129	349
Operatives, except transport	11 883	2 677	22.5	670	331	522	–	141	66	947	9 206
Transport equipment operatives	90	17	...	17	–	–	–	–	–	–	73
Laborers, except farm	996	237	23.8	91	17	18	–	–	–	111	759
Farm workers	281	91	...	23	16	52	–	–	–	–	190
Service workers, exc. private household	13 084	4 384	33.5	753	1 281	418	60	41	71	1 760	8 700
Private household workers	1 831	381	20.8	131	37	64	–	13	–	136	1 450
COLLEGE 1 TO 3 YEARS											
Female employed, 16 to 19 years old	**14 790**	**4 392**	**29.7**	**1 820**	**284**	**129**	**89**	**106**	**158**	**1 806**	**10 398**
Professional, technical, and kindred workers	1 459	341	23.4	49	64	–	45	–	39	144	1 118
Managers and administrators, exc. farm	125	53	...	16	–	–	–	–	–	37	72
Sales workers	1 046	401	38.3	61	23	–	–	–	31	286	645
Clerical and kindred workers	9 798	2 789	28.5	1 492	105	87	44	67	55	939	7 009
Craftsmen, foremen, and kindred workers	93	39	...	23	–	–	–	–	–	16	54
Operatives, except transport	556	284	51.1	62	–	–	–	–	–	222	272
Transport equipment operatives	23	14	...	–	–	–	–	–	14	–	9
Laborers, except farm	41	17	...	–	–	–	–	–	–	17	24
Farm workers	28	9	...	9	–	–	–	–	–	–	19
Service workers, exc. private household	1 485	431	29.0	94	92	42	–	39	19	145	1 054
Private household workers	136	14	...	14	–	–	–	–	–	–	122
COLLEGE 4 YEARS OR MORE											
Female employed, 16 to 19 years old	**61**	**22**	...	–	–	**22**	–	–	–	–	**39**
Professional, technical, and kindred workers	44	22	...	–	–	22	–	–	–	–	22
Managers and administrators, exc. farm	–	–	–	–	–	–	–	–	–	–	–
Sales workers	–	–	–	–	–	–	–	–	–	–	–
Clerical and kindred workers	17	–	–	–	–	–	–	–	–	–	17
Craftsmen, foremen, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	–	–	–	–	–	–	–	–	–	–	–
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 20 to 24 years old	**447 348**	**153 525**	**34.3**	**66 392**	**26 596**	**11 851**	**788**	**3 238**	**4 110**	**40 550**	**293 823**
Professional, technical, and kindred workers	28 069	14 174	50.5	2 898	5 771	344	131	322	533	4 175	13 895
Managers and administrators, exc. farm	2 834	1 066	37.6	431	39	82	40	–	146	328	1 768
Sales workers	14 544	4 400	30.3	1 703	273	481	–	21	107	1 815	10 144
Clerical and kindred workers	181 743	72 480	39.9	50 089	3 420	3 059	232	802	1 773	13 105	109 263
Craftsmen, foremen, and kindred workers	6 515	1 937	29.7	541	184	593	47	38	–	534	4 578
Operatives, except transport	83 583	18 247	21.8	5 165	1 510	3 271	141	1 181	601	6 378	65 336
Transport equipment operatives	1 400	491	35.1	169	23	117	–	–	19	163	909
Laborers, except farm	7 549	1 666	22.1	531	193	276	17	74	55	520	5 883
Farm workers	4 726	963	20.4	43	25	70	13	–	–	812	3 763
Service workers, exc. private household	89 886	32 346	36.0	3 882	14 602	3 202	142	589	677	9 252	57 540
Private household workers	26 499	5 755	21.7	940	556	356	25	211	199	3 468	20 744
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 20 to 24 years old	**125 133**	**27 881**	**22.3**	**6 935**	**5 258**	**2 856**	**109**	**931**	**882**	**10 910**	**97 252**
Professional, technical, and kindred workers	3 056	1 076	35.2	118	479	22	–	34	22	401	1 980
Managers and administrators, exc. farm	501	127	25.3	21	–	–	–	–	43	63	374
Sales workers	3 159	719	22.8	132	93	99	–	–	24	371	2 440
Clerical and kindred workers	22 537	8 514	37.8	4 503	582	460	–	232	211	2 526	14 023
Craftsmen, foremen, and kindred workers	2 331	643	27.6	115	–	241	–	13	–	274	1 688
Operatives, except transport	32 111	5 137	16.0	938	475	942	53	256	191	2 282	26 974
Transport equipment operatives	599	166	27.7	29	23	68	–	–	–	46	433
Laborers, except farm	3 302	477	14.4	20	–	159	–	32	35	231	2 825
Farm workers	3 303	296	9.0	–	–	25	13	–	–	258	3 007
Service workers, exc. private household	37 210	8 478	22.8	827	3 333	723	43	242	229	3 081	28 732
Private household workers	17 024	2 248	13.2	232	273	117	–	122	127	1 377	14 776
HIGH SCHOOL 4 YEARS											
Female employed, 20 to 24 years old	**237 644**	**93 281**	**39.3**	**43 531**	**16 545**	**7 418**	**344**	**1 726**	**2 100**	**21 617**	**144 363**
Professional, technical, and kindred workers	12 741	7 574	59.4	1 557	3 639	231	20	169	237	1 721	5 167
Managers and administrators, exc. farm	1 367	571	41.8	254	23	46	24	–	40	184	796
Sales workers	7 525	2 507	33.3	1 117	130	325	–	–	37	898	5 018
Clerical and kindred workers	107 463	45 090	42.0	32 962	2 035	1 745	64	377	939	6 968	62 373
Craftsmen, foremen, and kindred workers	3 532	1 065	30.2	361	141	306	47	–	–	210	2 467
Operatives, except transport	46 493	11 785	25.3	3 531	971	2 202	66	859	389	3 767	34 708
Transport equipment operatives	743	300	40.4	115	–	49	–	–	19	117	443
Laborers, except farm	3 752	987	26.3	393	193	117	17	42	20	205	2 765
Farm workers	1 319	607	46.0	28	25	45	–	–	–	509	712
Service workers, exc. private household	43 964	19 582	44.5	2 600	9 141	2 178	81	190	364	5 028	24 382
Private household workers	8 745	3 213	36.7	613	247	174	25	89	55	2 010	5 532
COLLEGE 1 TO 3 YEARS											
Female employed, 20 to 24 years old	**84 571**	**32 363**	**38.3**	**15 926**	**4 793**	**1 577**	**335**	**581**	**1 128**	**8 023**	**52 208**
Professional, technical, and kindred workers	12 272	5 524	45.0	1 223	1 653	91	111	119	274	2 053	6 748
Managers and administrators, exc. farm	966	368	38.1	156	16	36	16	–	63	81	598
Sales workers	3 860	1 174	30.4	454	50	57	–	21	46	546	2 686
Clerical and kindred workers	51 743	18 876	36.5	12 624	803	854	168	193	623	3 611	32 867
Craftsmen, foremen, and kindred workers	652	229	35.1	65	43	46	–	25	–	50	423
Operatives, except transport	4 979	1 325	26.6	696	64	127	22	66	21	329	3 654
Transport equipment operatives	58	25	...	25	–	–	–	–	–	–	33
Laborers, except farm	495	202	40.8	118	–	–	–	–	–	84	293
Farm workers	104	60	...	15	–	–	–	–	–	45	44
Service workers, exc. private household	8 712	4 286	49.2	455	2 128	301	18	157	84	1 143	4 426
Private household workers	730	294	40.3	95	36	65	–	–	17	81	436
COLLEGE 4 YEARS OR MORE											
Female employed, 20 to 24 years old	**27 287**	**5 702**	**20.9**	**1 176**	**840**	**191**	**73**	**248**	**752**	**2 422**	**21 585**
Professional, technical, and kindred workers	20 490	3 686	18.0	416	773	111	62	183	674	1 467	16 804
Managers and administrators, exc. farm	610	82	13.4	64	–	–	–	18	–	–	528
Sales workers	384	126	...	40	–	–	–	–	–	86	258
Clerical and kindred workers	4 706	1 348	28.6	637	–	60	–	25	18	608	3 358
Craftsmen, foremen, and kindred workers	22	–	–	–	–	–	–	–	–	–	22
Operatives, except transport	240	58	...	–	–	–	–	22	–	36	182
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	69	69	...	–	–	–	11	–	–	58	–
Farm workers	52	52	...	–	–	–	–	–	18	34	–
Service workers, exc. private household	691	281	40.7	19	67	20	–	–	42	133	410
Private household workers	23	–	–	–	–	–	–	–	–	–	23

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 25 to 34 years old	**717 004**	**228 610**	**31.9**	**75 204**	**56 849**	**24 553**	**1 168**	**5 292**	**5 168**	**60 376**	**488 394**
Professional, technical, and kindred workers	51 624	26 580	51.5	4 224	14 917	910	464	415	877	4 773	25 044
Managers and administrators, exc. farm	7 679	2 805	36.5	1 401	297	322	–	68	86	631	4 874
Sales workers	18 843	5 296	28.1	1 980	601	773	–	198	76	1 668	13 547
Clerical and kindred workers	186 796	78 953	42.3	52 570	5 357	5 549	266	905	1 586	12 720	107 843
Craftsmen, foremen, and kindred workers	12 751	3 511	27.5	817	290	882	77	155	116	1 174	9 240
Operatives, except transport	153 591	30 215	19.7	6 569	2 949	6 014	175	1 431	787	12 290	123 376
Transport equipment operatives	3 041	641	21.1	80	62	209	33	20	14	223	2 400
Laborers, except farm	11 067	2 426	21.9	666	280	294	25	166	83	912	8 641
Farm workers	9 256	1 052	11.4	48	79	19	–	48	–	858	8 204
Service workers, exc. private household	188 041	63 542	33.8	5 735	30 509	8 709	128	1 406	1 315	15 740	124 499
Private household workers	74 315	13 589	18.3	1 114	1 508	872	–	480	228	9 387	60 726
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 25 to 34 years old	**307 908**	**59 724**	**19.4**	**9 689**	**12 747**	**7 196**	**136**	**1 741**	**1 531**	**26 684**	**248 184**
Professional, technical, and kindred workers	9 209	3 133	34.0	319	1 618	103	–	111	176	806	6 076
Managers and administrators, exc. farm	2 000	467	23.4	133	43	21	–	43	22	205	1 533
Sales workers	6 576	1 430	21.7	389	152	288	–	16	45	540	5 146
Clerical and kindred workers	33 934	11 243	33.1	5 491	670	916	–	72	272	3 822	22 691
Craftsmen, foremen, and kindred workers	6 172	1 151	18.6	211	65	283	22	23	67	480	5 021
Operatives, except transport	81 437	11 606	14.3	1 412	1 037	2 124	69	505	329	6 130	69 831
Transport equipment operatives	1 902	244	12.8	30	44	41	–	20	–	109	1 658
Laborers, except farm	6 081	731	12.0	158	60	62	–	21	42	388	5 350
Farm workers	7 607	465	6.1	–	19	–	–	48	–	398	7 142
Service workers, exc. private household	97 457	21 313	21.9	1 142	8 271	2 857	45	564	447	7 987	76 144
Private household workers	55 533	7 941	14.3	404	768	501	–	318	131	5 819	47 592
HIGH SCHOOL 4 YEARS											
Female employed, 25 to 34 years old	**321 424**	**126 311**	**39.3**	**47 403**	**31 913**	**14 184**	**588**	**2 763**	**2 577**	**26 883**	**195 113**
Professional, technical, and kindred workers	23 586	12 711	53.9	2 071	8 030	513	195	205	193	1 504	10 875
Managers and administrators, exc. farm	3 938	1 718	43.6	813	240	261	–	–	50	354	2 220
Sales workers	9 614	2 760	28.7	1 200	391	346	–	140	31	652	6 854
Clerical and kindred workers	111 066	48 542	43.7	33 567	3 090	3 357	178	590	982	6 778	62 524
Craftsmen, foremen, and kindred workers	5 368	1 979	36.9	574	172	513	18	105	49	548	3 389
Operatives, except transport	65 256	16 354	25.1	4 195	1 619	3 461	64	766	397	5 852	48 902
Transport equipment operatives	1 002	378	37.7	50	18	168	33	–	14	95	624
Laborers, except farm	4 244	1 452	34.2	434	135	208	25	122	20	508	2 792
Farm workers	1 415	486	34.3	24	41	19	–	–	–	402	929
Service workers, exc. private household	78 482	34 775	44.3	3 887	17 534	5 024	75	673	744	6 838	43 707
Private household workers	17 453	5 156	29.5	588	643	314	–	162	97	3 352	12 297
COLLEGE 1 TO 3 YEARS											
Female employed, 25 to 34 years old	**87 672**	**42 575**	**48.6**	**18 112**	**12 189**	**3 173**	**444**	**788**	**1 060**	**6 809**	**45 097**
Professional, technical, and kindred workers	18 829	10 736	57.0	1 834	5 269	294	269	99	508	2 463	8 093
Managers and administrators, exc. farm	1 741	620	35.6	455	14	40	–	25	14	72	1 121
Sales workers	2 653	1 106	41.7	391	58	139	–	42	–	476	1 547
Clerical and kindred workers	41 796	19 168	45.9	13 512	1 597	1 276	88	243	332	2 120	22 628
Craftsmen, foremen, and kindred workers	1 211	381	31.5	32	53	86	37	27	–	146	830
Operatives, except transport	6 898	2 255	32.7	962	293	429	42	160	61	308	4 643
Transport equipment operatives	137	19	...	–	–	–	–	–	–	19	118
Laborers, except farm	742	243	32.7	74	85	24	–	23	21	16	499
Farm workers	234	101	...	24	19	–	–	–	–	58	133
Service workers, exc. private household	12 102	7 454	61.6	706	4 704	828	8	169	124	915	4 648
Private household workers	1 329	492	37.0	122	97	57	–	–	–	216	837
COLLEGE 4 YEARS OR MORE											
Female employed, 25 to 34 years old	**74 131**	**18 252**	**24.6**	**3 166**	**2 603**	**634**	**231**	**1 068**	**2 644**	**7 906**	**55 879**
Professional, technical, and kindred workers	62 014	12 991	20.9	2 105	2 348	501	159	907	2 429	4 542	49 023
Managers and administrators, exc. farm	1 721	395	23.0	134	21	–	–	38	–	202	1 326
Sales workers	616	375	60.9	–	17	20	–	18	–	320	241
Clerical and kindred workers	7 038	2 753	39.1	872	83	24	33	37	155	1 549	4 285
Craftsmen, foremen, and kindred workers	165	69	...	–	–	23	–	–	31	15	96
Operatives, except transport	684	441	64.5	–	–	–	19	31	29	362	243
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	116	67	...	–	–	–	–	–	–	67	49
Farm workers	82	48	...	–	–	–	–	–	–	48	34
Service workers, exc. private household	1 394	961	68.9	37	134	66	20	20	–	684	433
Private household workers	301	152	...	18	–	–	–	17	–	117	149

Table 7. Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 35 to 44 years old	**690 392**	**190 978**	**27.7**	**42 193**	**53 155**	**29 599**	**999**	**4 139**	**4 688**	**56 205**	**499 414**
Professional, technical, and kindred workers	48 888	26 280	53.8	3 198	15 268	1 663	321	349	840	4 641	22 608
Managers and administrators, exc. farm	10 323	2 894	28.0	1 196	436	457	–	175	140	490	7 429
Sales workers	17 135	4 823	28.1	1 326	484	938	66	186	94	1 729	12 312
Clerical and kindred workers	117 109	46 442	39.7	27 202	3 483	3 891	163	610	1 076	10 017	70 667
Craftsmen, foremen, and kindred workers	11 792	2 677	22.7	283	134	1 008	18	79	25	1 130	9 115
Operatives, except transport	127 757	23 581	18.5	3 095	2 515	6 667	265	814	770	9 455	104 176
Transport equipment operatives	3 241	618	19.1	131	31	192	–	–	18	246	2 623
Laborers, except farm	10 973	1 920	17.5	267	309	417	–	–	30	897	9 053
Farm workers	9 215	1 678	18.2	–	75	69	–	–	50	1 484	7 537
Service workers, exc. private household	213 343	63 737	29.9	4 529	27 878	12 622	132	1 526	1 289	15 761	149 606
Private household workers	120 616	16 328	13.5	966	2 542	1 675	34	400	356	10 355	104 288
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 35 to 44 years old	**400 138**	**73 956**	**18.5**	**7 397**	**17 884**	**12 885**	**320**	**1 597**	**1 890**	**31 983**	**326 182**
Professional, technical, and kindred workers	11 876	4 792	40.4	302	2 770	392	22	62	187	1 057	7 084
Managers and administrators, exc. farm	3 364	499	14.8	135	81	122	–	24	61	76	2 865
Sales workers	7 184	1 537	21.4	289	139	368	19	38	34	650	5 647
Clerical and kindred workers	31 208	9 997	32.0	3 928	653	948	65	108	258	4 037	21 211
Craftsmen, foremen, and kindred workers	6 708	1 293	19.3	64	46	455	18	19	–	691	5 415
Operatives, except transport	85 910	12 416	14.5	955	1 116	3 444	136	433	386	5 946	73 494
Transport equipment operatives	2 157	284	13.2	39	–	112	–	–	18	115	1 873
Laborers, except farm	7 191	824	11.5	25	108	104	–	–	30	557	6 367
Farm workers	7 988	918	11.5	–	53	33	–	–	50	782	7 070
Service workers, exc. private household	137 814	30 369	22.0	1 457	11 372	5 824	40	642	591	10 443	107 445
Private household workers	98 738	11 027	11.2	203	1 546	1 083	20	271	275	7 629	87 711
HIGH SCHOOL 4 YEARS											
Female employed, 35 to 44 years old	**225 670**	**85 253**	**37.8**	**23 776**	**24 261**	**13 919**	**449**	**2 041**	**1 956**	**18 851**	**140 417**
Professional, technical, and kindred workers	20 296	11 489	56.6	1 525	7 014	789	116	181	399	1 465	8 807
Managers and administrators, exc. farm	4 430	1 364	30.8	552	215	216	–	77	38	266	3 066
Sales workers	8 199	2 415	29.5	735	197	522	47	148	26	740	5 784
Clerical and kindred workers	62 611	25 781	41.2	16 027	1 812	2 286	77	355	552	4 672	36 830
Craftsmen, foremen, and kindred workers	4 029	1 141	28.3	154	69	468	–	41	–	409	2 888
Operatives, except transport	37 090	9 497	25.6	1 504	1 193	2 941	103	289	300	3 167	27 593
Transport equipment operatives	986	288	29.2	92	31	59	–	–	–	106	698
Laborers, except farm	3 435	985	28.7	171	201	282	–	–	–	331	2 450
Farm workers	990	579	58.5	–	–	36	–	–	–	543	411
Service workers, exc. private household	63 694	26 920	42.3	2 435	12 658	5 750	92	821	560	4 604	36 774
Private household workers	19 910	4 794	24.1	581	871	570	14	129	81	2 548	15 116
COLLEGE 1 TO 3 YEARS											
Female employed, 35 to 44 years old	**64 584**	**31 769**	**49.2**	**11 020**	**11 010**	**2 795**	**230**	**501**	**842**	**5 371**	**32 815**
Professional, technical, and kindred workers	16 716	9 999	59.8	1 371	5 484	482	183	106	254	2 119	6 717
Managers and administrators, exc. farm	2 529	1 031	40.8	509	140	119	–	74	41	148	1 498
Sales workers	1 752	871	49.7	302	148	48	–	–	34	339	881
Clerical and kindred workers	23 290	10 664	45.8	7 247	1 018	657	21	147	266	1 308	12 626
Craftsmen, foremen, and kindred workers	1 055	243	23.0	65	19	85	–	19	25	30	812
Operatives, except transport	4 757	1 668	35.1	636	206	282	26	92	84	342	3 089
Transport equipment operatives	98	46	...	–	–	21	–	–	–	25	52
Laborers, except farm	347	111	...	71	–	31	–	–	–	9	236
Farm workers	237	181	...	–	22	–	–	–	–	159	56
Service workers, exc. private household	11 835	6 448	54.5	637	3 848	1 048	–	63	138	714	5 387
Private household workers	1 968	507	25.8	182	125	22	–	–	–	178	1 461
COLLEGE 4 YEARS OR MORE											
Female employed, 35 to 44 years old	**65 274**	**16 374**	**25.1**	**2 580**	**3 077**	**949**	**87**	**1 409**	**2 094**	**6 178**	**48 900**
Professional, technical, and kindred workers	54 392	12 358	22.7	1 607	2 788	635	68	1 203	1 851	4 206	42 034
Managers and administrators, exc. farm	2 634	633	24.0	217	42	44	19	111	56	144	2 001
Sales workers	395	163	...	–	–	–	–	–	–	163	232
Clerical and kindred workers	4 960	1 782	35.9	721	21	97	–	31	145	767	3 178
Craftsmen, foremen, and kindred workers	279	78	...	–	21	18	–	–	19	20	201
Operatives, except transport	842	373	44.3	20	–	24	–	20	–	309	469
Transport equipment operatives	23	23	...	–	–	–	–	–	23	–	–
Laborers, except farm	108	–	–	–	–	–	–	–	–	–	108
Farm workers	171	135	...	–	–	–	–	–	–	135	36
Service workers, exc. private household	1 185	759	64.1	15	205	110	–	44	–	385	426
Private household workers	285	70	...	–	–	21	–	–	–	49	215

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 45 to 54 years old	**587 776**	**138 539**	**23.6**	**21 242**	**36 383**	**26 204**	**745**	**4 283**	**3 605**	**46 077**	**449 237**
Professional, technical, and kindred workers	31 539	16 665	52.8	2 055	9 675	1 163	240	609	482	2 441	14 874
Managers and administrators, exc. farm	9 401	2 630	28.0	894	435	457	59	167	98	520	6 771
Sales workers	13 156	3 136	23.8	896	391	646	18	79	152	954	10 020
Clerical and kindred workers	68 181	25 968	38.1	12 888	2 074	3 193	65	383	597	6 768	42 213
Craftsmen, foremen, and kindred workers	9 453	2 425	25.7	323	220	868	–	49	40	925	7 028
Operatives, except transport	92 005	16 760	18.2	1 152	1 604	4 732	99	651	603	7 919	75 245
Transport equipment operatives	2 837	426	15.0	56	123	129	–	20	–	98	2 411
Laborers, except farm	8 455	1 373	16.2	163	105	380	–	92	81	552	7 082
Farm workers	8 494	965	11.4	51	51	82	–	24	–	757	7 529
Service workers, exc. private household	184 303	48 310	26.2	1 922	18 303	11 859	167	1 537	1 141	13 381	135 993
Private household workers	159 952	19 881	12.4	842	3 402	2 695	97	672	411	11 762	140 071
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 45 to 54 years old	**422 754**	**72 660**	**17.2**	**4 682**	**18 130**	**13 850**	**358**	**2 221**	**1 747**	**31 672**	**350 094**
Professional, technical, and kindred workers	10 994	5 162	47.0	316	3 130	389	59	293	121	854	5 832
Managers and administrators, exc. farm	4 963	868	17.5	163	159	209	42	43	20	232	4 095
Sales workers	7 014	1 104	15.7	111	196	201	–	–	81	515	5 910
Clerical and kindred workers	23 372	7 311	31.3	2 528	838	796	–	112	131	2 906	16 061
Craftsmen, foremen, and kindred workers	6 173	1 316	21.3	40	117	492	–	28	21	618	4 857
Operatives, except transport	72 212	11 267	15.6	417	1 148	2 915	67	342	424	5 954	60 945
Transport equipment operatives	2 339	276	11.8	38	46	74	–	20	–	98	2 063
Laborers, except farm	6 630	714	10.8	–	60	259	–	44	19	332	5 916
Farm workers	7 851	658	8.4	23	9	42	–	24	–	560	7 193
Service workers, exc. private household	138 931	28 296	20.4	629	9 929	6 620	129	893	677	9 419	110 635
Private household workers	142 275	15 688	11.0	417	2 498	1 853	61	422	253	10 184	126 587
HIGH SCHOOL 4 YEARS											
Female employed, 45 to 54 years old	**129 828**	**50 149**	**38.6**	**11 196**	**13 374**	**10 190**	**197**	**1 656**	**1 287**	**12 249**	**79 679**
Professional, technical, and kindred workers	11 690	6 534	55.9	843	4 030	498	70	216	115	762	5 156
Managers and administrators, exc. farm	2 901	1 098	37.8	377	187	97	17	124	48	248	1 803
Sales workers	4 725	1 508	31.9	438	132	408	–	40	51	439	3 217
Clerical and kindred workers	32 469	13 771	42.4	7 284	938	1 845	23	182	308	3 191	18 698
Craftsmen, foremen, and kindred workers	2 847	876	30.8	192	81	293	–	21	19	270	1 971
Operatives, except transport	17 518	4 988	28.5	631	424	1 645	32	286	138	1 832	12 530
Transport equipment operatives	432	128	29.6	18	55	55	–	–	–	–	304
Laborers, except farm	1 587	612	38.6	136	45	121	–	48	62	200	975
Farm workers	584	264	45.2	28	20	40	–	–	–	176	320
Service workers, exc. private household	38 881	16 666	42.9	968	6 653	4 436	38	533	408	3 630	22 215
Private household workers	16 194	3 704	22.9	281	809	752	17	206	138	1 501	12 490
COLLEGE 1 TO 3 YEARS											
Female employed, 45 to 54 years old	**35 194**	**15 730**	**44.7**	**5 364**	**4 879**	**2 164**	**190**	**406**	**571**	**2 156**	**19 464**
Professional, technical, and kindred workers	8 855	4 969	56.1	896	2 515	276	111	100	246	825	3 886
Managers and administrators, exc. farm	1 537	664	43.2	354	89	151	–	–	30	40	873
Sales workers	1 417	524	37.0	347	63	37	18	39	20	–	893
Clerical and kindred workers	12 340	4 886	39.6	3 076	298	552	42	89	158	671	7 454
Craftsmen, foremen, and kindred workers	433	233	53.8	91	22	83	–	–	–	37	200
Operatives, except transport	2 275	505	22.2	104	32	172	–	23	41	133	1 770
Transport equipment operatives	66	22	...	–	22	–	–	–	–	–	44
Laborers, except farm	238	47	...	27	–	–	–	–	–	20	191
Farm workers	59	43	...	–	22	–	–	–	–	21	16
Service workers, exc. private household	6 491	3 348	51.6	325	1 721	803	–	111	56	332	3 143
Private household workers	1 483	489	33.0	144	95	90	19	44	20	77	994
COLLEGE 4 YEARS OR MORE											
Female employed, 45 to 54 years old	**41 376**	**11 113**	**26.9**	**1 793**	**1 798**	**975**	**54**	**1 104**	**1 548**	**3 841**	**30 263**
Professional, technical, and kindred workers	33 198	8 031	24.2	1 059	1 458	651	23	947	1 389	2 504	25 167
Managers and administrators, exc. farm	2 208	487	22.1	196	106	63	–	23	29	70	1 721
Sales workers	395	182	...	41	–	18	–	–	–	123	213
Clerical and kindred workers	3 229	1 318	40.8	450	108	12	–	47	55	646	1 911
Craftsmen, foremen, and kindred workers	258	197	...	24	–	30	–	–	41	102	61
Operatives, except transport	528	221	41.9	–	–	19	–	18	23	161	307
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	18	–	–	–	–	–	–	–	–	–	18
Service workers, exc. private household	1 123	523	46.6	23	88	159	31	54	11	157	600
Private household workers	419	154	36.8	–	38	23	–	15	–	78	265

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 55 to 64 years old	**360 416**	**70 908**	**19.7**	**7 015**	**15 788**	**12 660**	**271**	**1 999**	**2 591**	**30 584**	**289 508**
Professional, technical, and kindred workers	14 434	7 624	52.8	746	3 807	725	41	181	476	1 648	6 810
Managers and administrators, exc. farm	5 400	1 488	27.6	303	263	304	–	94	139	385	3 912
Sales workers	6 587	1 647	25.0	347	244	276	40	–	106	634	4 940
Clerical and kindred workers	23 935	9 033	37.7	3 916	507	830	31	169	281	3 299	14 902
Craftsmen, foremen, and kindred workers	4 470	1 037	23.2	67	132	307	38	88	37	368	3 433
Operatives, except transport	41 657	8 307	19.9	347	680	1 997	58	222	269	4 734	33 350
Transport equipment operatives	1 530	347	22.7	–	64	54	–	–	43	186	1 183
Laborers, except farm	4 567	704	15.4	74	40	46	–	–	–	544	3 863
Farm workers	5 802	835	14.4	36	9	36	–	–	–	754	4 967
Service workers, exc. private household	105 303	23 947	22.7	965	7 561	6 032	63	736	615	7 975	81 356
Private household workers	146 731	15 939	10.9	214	2 481	2 053	–	509	625	10 057	130 792
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 55 to 64 years old	**292 938**	**44 750**	**15.3**	**1 414**	**8 870**	**7 853**	**100**	**1 209**	**1 283**	**24 021**	**248 188**
Professional, technical, and kindred workers	5 514	2 114	38.3	21	1 139	222	21	65	38	608	3 400
Managers and administrators, exc. farm	3 383	623	18.4	85	147	99	–	77	54	161	2 760
Sales workers	3 935	646	16.4	71	57	153	–	–	20	345	3 289
Clerical and kindred workers	10 104	2 962	29.3	633	108	294	–	18	107	1 802	7 142
Craftsmen, foremen, and kindred workers	3 185	588	18.5	–	53	190	–	21	20	304	2 597
Operatives, except transport	34 625	6 001	17.3	104	431	1 288	58	177	231	3 712	28 624
Transport equipment operatives	1 277	272	21.3	–	43	38	–	–	43	148	1 005
Laborers, except farm	3 861	557	14.4	26	25	–	–	–	–	506	3 304
Farm workers	5 402	731	13.5	–	9	20	–	–	–	702	4 671
Service workers, exc. private household	86 277	16 466	19.1	385	4 896	3 851	21	475	314	6 524	69 811
Private household workers	135 375	13 790	10.2	89	1 962	1 698	–	376	456	9 209	121 585
HIGH SCHOOL 4 YEARS											
Female employed, 55 to 64 years old	**50 068**	**17 911**	**35.8**	**3 532**	**4 734**	**3 587**	**114**	**533**	**708**	**4 703**	**32 157**
Professional, technical, and kindred workers	4 332	2 758	63.7	300	1 600	217	–	61	192	388	1 574
Managers and administrators, exc. farm	1 202	483	40.2	110	39	162	–	17	34	121	719
Sales workers	1 852	574	31.0	188	81	90	19	–	45	151	1 278
Clerical and kindred workers	8 859	3 814	43.1	2 036	226	391	15	59	80	1 007	5 045
Craftsmen, foremen, and kindred workers	1 107	403	36.4	67	79	117	38	21	17	64	704
Operatives, except transport	6 137	1 904	31.0	190	211	557	–	45	20	881	4 233
Transport equipment operatives	215	75	...	–	21	16	–	–	–	38	140
Laborers, except farm	584	132	22.6	48	–	46	–	–	–	38	452
Farm workers	344	104	...	36	–	16	–	–	–	52	240
Service workers, exc. private household	15 711	5 877	37.4	477	2 053	1 700	42	224	190	1 191	9 834
Private household workers	9 725	1 787	18.4	80	424	275	–	106	130	772	7 938
COLLEGE 1 TO 3 YEARS											
Female employed, 55 to 64 years old	**17 410**	**8 247**	**47.4**	**2 069**	**2 184**	**1 220**	**57**	**257**	**600**	**1 860**	**9 163**
Professional, technical, and kindred workers	4 588	2 752	60.0	425	1 068	286	20	55	246	652	1 836
Managers and administrators, exc. farm	815	382	46.9	108	77	43	–	–	51	103	433
Sales workers	800	427	53.4	88	106	33	21	–	41	138	373
Clerical and kindred workers	4 972	2 257	45.4	1 247	173	145	16	92	94	490	2 715
Craftsmen, foremen, and kindred workers	178	46	...	–	–	–	–	46	–	–	132
Operatives, except transport	895	402	44.9	53	38	152	–	–	18	141	493
Transport equipment operatives	38	–	–	–	–	–	–	–	–	–	38
Laborers, except farm	122	15	...	–	15	–	–	–	–	–	107
Farm workers	56	–	–	–	–	–	–	–	–	–	56
Service workers, exc. private household	3 315	1 604	48.4	103	612	481	–	37	111	260	1 711
Private household workers	1 631	362	22.2	45	95	80	–	27	39	76	1 269
COLLEGE 4 YEARS OR MORE											
Female employed, 55 to 64 years old	**23 317**	**5 767**	**24.7**	**606**	**976**	**243**	**25**	**531**	**1 226**	**2 160**	**17 550**
Professional, technical, and kindred workers	19 133	4 620	24.1	327	835	148	–	462	1 119	1 729	14 513
Managers and administrators, exc. farm	1 257	155	12.3	44	39	21	–	14	37	–	1 102
Sales workers	141	37	...	21	16	–	–	–	–	–	104
Clerical and kindred workers	1 486	605	40.7	194	–	20	25	–	70	296	881
Craftsmen, foremen, and kindred workers	69	37	...	–	–	–	–	37	–	–	32
Operatives, except transport	153	11	...	–	–	–	–	–	–	11	142
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	33	11	...	–	–	–	–	–	–	11	22
Farm workers	32	32	...	–	–	–	–	–	–	32	–
Service workers, exc. private household	509	195	38.3	20	65	54	–	18	–	38	314
Private household workers	504	64	12.7	–	21	–	–	–	–	43	440

Table 7. **Occupation of Negro Employed Persons 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 65 years old and over	**102 027**	**17 722**	**17.4**	**1 391**	**3 632**	**2 370**	**60**	**467**	**595**	**9 207**	**84 305**
Professional, technical, and kindred workers	3 694	1 745	47.2	169	663	64	–	–	217	632	1 949
Managers and administrators, exc. farm	1 504	297	19.7	31	73	118	–	22	–	53	1 207
Sales workers	1 886	394	20.9	105	31	97	–	–	36	125	1 492
Clerical and kindred workers	4 561	1 600	35.1	551	217	45	15	38	74	660	2 961
Craftsmen, foremen, and kindred workers	1 004	399	39.7	–	28	190	–	–	–	181	605
Operatives, except transport	8 233	1 686	20.5	30	66	342	–	75	46	1 127	6 547
Transport equipment operatives	362	40	...	–	–	15	–	–	–	25	322
Laborers, except farm	1 454	260	17.9	–	33	–	21	–	23	183	1 194
Farm workers	1 665	137	8.2	17	–	–	–	–	–	120	1 528
Service workers, exc. private household	21 474	5 191	24.2	318	1 578	892	24	117	91	2 171	16 283
Private household workers	56 190	5 973	10.6	170	943	607	–	215	108	3 930	50 217
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 65 years old and over	**86 164**	**11 529**	**13.4**	**378**	**1 884**	**1 493**	**–**	**238**	**360**	**7 176**	**74 635**
Professional, technical, and kindred workers	1 480	617	41.7	30	196	22	–	–	128	241	863
Managers and administrators, exc. farm	864	102	11.8	–	16	55	–	–	–	31	762
Sales workers	1 235	154	12.5	18	12	61	–	–	21	42	1 081
Clerical and kindred workers	2 091	450	21.5	113	116	16	–	20	–	185	1 641
Craftsmen, foremen, and kindred workers	689	236	34.3	–	–	86	–	–	–	150	453
Operatives, except transport	6 583	1 248	19.0	15	–	191	–	25	46	971	5 335
Transport equipment operatives	219	40	...	–	–	15	–	–	–	25	179
Laborers, except farm	1 313	133	10.1	–	33	–	–	–	–	100	1 180
Farm workers	1 645	137	8.3	17	–	–	–	–	–	120	1 508
Service workers, exc. private household	17 897	3 331	18.6	98	960	491	–	19	71	1 692	14 566
Private household workers	52 148	5 081	9.7	87	551	556	–	174	94	3 619	47 067
HIGH SCHOOL 4 YEARS											
Female employed, 65 years old and over	**11 058**	**3 956**	**35.8**	**670**	**1 095**	**637**	**21**	**109**	**123**	**1 301**	**7 102**
Professional, technical, and kindred workers	915	464	50.7	53	259	21	–	–	36	95	451
Managers and administrators, exc. farm	366	79	...	–	57	–	–	–	–	22	287
Sales workers	431	122	28.3	87	–	–	–	–	15	20	309
Clerical and kindred workers	1 516	656	43.3	300	60	–	–	–	35	261	860
Craftsmen, foremen, and kindred workers	271	119	...	–	–	88	–	–	–	31	152
Operatives, except transport	1 340	338	25.2	–	66	117	–	16	–	139	1 002
Transport equipment operatives	143	–	–	–	–	–	–	–	–	–	143
Laborers, except farm	141	127	...	–	–	–	21	–	23	83	14
Farm workers	20	–	–	–	–	–	–	–	–	–	20
Service workers, exc. private household	2 769	1 390	50.2	169	433	360	–	72	–	356	1 379
Private household workers	3 146	661	21.0	61	220	51	–	21	14	294	2 485
COLLEGE 1 TO 3 YEARS											
Female employed, 65 years old and over	**4 805**	**2 237**	**46.6**	**343**	**653**	**240**	**39**	**120**	**112**	**730**	**2 568**
Professional, technical, and kindred workers	1 299	664	51.1	86	208	21	–	–	53	296	635
Managers and administrators, exc. farm	274	116	...	31	–	63	–	22	–	–	158
Sales workers	220	118	...	–	19	36	–	–	–	63	102
Clerical and kindred workers	954	494	51.8	138	41	29	15	18	39	214	460
Craftsmen, foremen, and kindred workers	44	44	...	–	28	16	–	–	–	–	–
Operatives, except transport	310	100	...	15	–	34	–	34	–	17	210
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	808	470	58.2	51	185	41	24	26	20	123	338
Private household workers	896	231	25.8	22	172	–	–	20	–	17	665
COLLEGE 4 YEARS OR MORE											
Female employed, 65 years old and over	**4 557**	**1 087**	**23.9**	**28**	**156**	**73**	**47**	**191**	**168**	**424**	**3 470**
Professional, technical, and kindred workers	3 171	690	21.8	15	123	21	47	115	107	262	2 481
Managers and administrators, exc. farm	385	–	–	–	–	–	–	–	–	–	385
Sales workers	66	–	–	–	–	–	–	–	–	–	66
Clerical and kindred workers	319	103	...	13	19	–	–	17	17	37	216
Craftsmen, foremen, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	77	35	...	–	–	14	–	–	–	21	42
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	322	151	...	–	14	38	–	–	15	84	171
Private household workers	217	108	...	–	–	–	–	59	29	20	109

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 years old and over	**1 768 505**	**399 201**	**22.6**	**57 192**	**9 207**	**212 683**	**33 929**	**8 890**	**20 776**	**56 524**	**1 369 304**
Professional, technical, and kindred workers	74 031	35 005	47.3	5 619	2 910	9 130	11 641	370	2 502	2 833	39 026
Managers and administrators, exc. farm	86 898	27 076	31.2	8 069	504	11 393	2 165	535	1 387	3 023	59 822
Sales workers	70 312	17 612	25.0	5 868	297	6 260	1 484	441	941	2 321	52 700
Clerical and kindred workers	134 462	37 862	28.2	15 863	723	12 025	2 241	541	1 924	4 545	96 600
Craftsmen, foremen, and kindred workers	377 531	120 233	31.8	6 838	941	86 709	8 011	1 318	4 339	12 077	257 298
Operatives, except transport	375 102	66 918	17.8	6 324	1 029	39 645	3 987	1 569	3 500	10 864	308 184
Transport equipment operatives	125 451	19 906	15.9	2 142	344	10 174	1 029	669	1 330	4 218	105 545
Laborers, except farm	193 600	23 474	12.1	2 159	366	10 901	1 264	853	1 446	6 485	170 126
Farm workers	111 631	7 510	6.7	320	20	2 316	167	1 213	253	3 221	104 121
Service workers, exc. private household	217 853	43 232	19.8	3 969	2 053	24 012	1 940	1 357	3 154	6 747	174 621
Private household workers	1 634	373	22.8	21	20	118	–	24	–	190	1 261
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 years old and over	**1 159 359**	**167 631**	**14.5**	**11 680**	**2 371**	**97 752**	**7 042**	**4 626**	**8 906**	**35 254**	**991 728**
Professional, technical, and kindred workers	16 341	5 121	31.3	605	253	1 802	1 168	64	510	719	11 220
Managers and administrators, exc. farm	36 680	7 348	20.0	1 132	134	3 703	320	242	410	1 407	29 332
Sales workers	30 960	4 853	15.7	1 143	57	2 004	181	67	314	1 087	26 107
Clerical and kindred workers	52 576	9 227	17.5	2 763	173	3 395	306	213	476	1 901	43 349
Craftsmen, foremen, and kindred workers	243 075	54 933	22.6	1 991	349	40 075	2 208	730	2 190	7 390	188 142
Operatives, except transport	273 972	35 051	12.8	1 968	318	21 151	1 186	756	1 923	7 749	238 921
Transport equipment operatives	90 252	9 858	10.9	455	58	5 162	229	420	593	2 941	80 394
Laborers, except farm	154 483	13 829	9.0	635	185	6 092	671	605	929	4 712	140 654
Farm workers	101 881	5 255	5.2	83	20	1 686	42	755	190	2 479	96 626
Service workers, exc. private household	157 741	21 909	13.9	905	824	12 587	731	750	1 371	4 741	135 832
Private household workers	1 398	247	17.7	–	–	95	–	24	–	128	1 151
HIGH SCHOOL 4 YEARS											
Male employed, 16 years old and over	**441 311**	**160 201**	**36.3**	**27 286**	**4 077**	**89 298**	**13 297**	**3 043**	**7 787**	**15 413**	**281 110**
Professional, technical, and kindred workers	26 987	14 040	52.0	2 040	1 262	4 389	4 488	220	865	776	12 947
Managers and administrators, exc. farm	30 700	11 508	37.5	3 519	252	5 192	797	188	528	1 032	19 192
Sales workers	24 666	7 435	30.1	2 607	109	2 946	469	197	376	731	17 231
Clerical and kindred workers	53 726	18 670	34.8	8 335	372	6 169	1 012	160	917	1 705	35 056
Craftsmen, foremen, and kindred workers	106 644	49 983	46.9	3 241	380	37 193	3 192	451	1 649	3 877	56 661
Operatives, except transport	83 501	25 041	30.0	3 114	468	15 339	1 719	635	1 137	2 629	58 460
Transport equipment operatives	29 498	8 216	27.9	1 203	191	4 442	531	249	569	1 031	21 282
Laborers, except farm	32 355	7 512	23.2	983	181	3 992	363	136	342	1 515	24 843
Farm workers	8 118	1 821	22.4	134	–	510	105	404	63	605	6 297
Service workers, exc. private household	44 941	15 910	35.4	2 089	862	9 103	621	403	1 341	1 491	29 031
Private household workers	175	65	...	21	–	23	–	–	–	21	110
COLLEGE 1 TO 3 YEARS											
Male employed, 16 years old and over	**167 835**	**71 369**	**42.5**	**18 226**	**2 759**	**25 633**	**13 590**	**1 221**	**4 083**	**5 857**	**96 466**
Professional, technical, and kindred workers	30 703	15 844	51.6	2 974	1 395	2 939	5 985	86	1 127	1 338	14 859
Managers and administrators, exc. farm	19 518	8 220	42.1	3 418	118	2 498	1 048	105	449	584	11 298
Sales workers	14 686	5 324	36.3	2 118	131	1 310	834	177	251	503	9 362
Clerical and kindred workers	28 160	9 965	35.4	4 765	178	2 461	923	168	531	939	18 195
Craftsmen, foremen, and kindred workers	27 812	15 317	55.1	1 606	212	9 441	2 611	137	500	810	12 495
Operatives, except transport	17 629	6 826	38.7	1 242	243	3 155	1 082	178	440	486	10 803
Transport equipment operatives	5 701	1 832	32.1	484	95	570	269	–	168	246	3 869
Laborers, except farm	6 762	2 133	31.5	541	–	817	230	112	175	258	4 629
Farm workers	1 632	434	26.6	103	–	120	20	54	–	137	1 198
Service workers, exc. private household	15 171	5 413	35.7	975	367	2 322	588	204	442	515	9 758
Private household workers	61	61	...	–	20	–	–	–	–	41	–
COLLEGE 4 YEARS OR MORE											
Male employed, 16 years old and over	**105 891**	**34 367**	**32.5**	**8 206**	**3 939**	**5 544**	**7 171**	**655**	**3 819**	**5 033**	**71 524**
Professional, technical, and kindred workers	66 266	19 846	29.9	2 949	3 559	2 659	4 931	261	2 344	3 143	46 420
Managers and administrators, exc. farm	13 693	3 985	29.1	1 478	78	584	876	54	434	481	9 708
Sales workers	5 395	1 778	33.0	841	39	152	235	45	186	280	3 617
Clerical and kindred workers	7 012	3 055	43.6	1 725	43	281	261	64	304	377	3 957
Craftsmen, foremen, and kindred workers	4 813	2 146	44.6	272	88	864	566	43	97	216	2 667
Operatives, except transport	3 016	1 344	44.6	388	–	370	180	53	188	165	1 672
Transport equipment operatives	768	212	27.6	63	22	58	22	25	–	22	556
Laborers, except farm	910	341	37.5	37	–	124	20	–	57	103	569
Farm workers	873	218	25.0	17	–	49	–	89	–	63	655
Service workers, exc. private household	3 145	1 442	45.9	436	110	403	80	21	209	183	1 703
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 16 to 19 years old	**132 442**	**15 322**	**11.6**	**1 498**	**303**	**6 538**	**1 149**	**413**	**599**	**4 822**	**117 120**
Professional, technical, and kindred workers	3 327	690	20.7	21	17	220	184	–	45	203	2 637
Managers and administrators, exc. farm	1 145	156	13.6	37	–	77	–	–	20	22	989
Sales workers	7 998	985	12.3	170	–	284	143	26	–	362	7 013
Clerical and kindred workers	13 555	1 896	14.0	535	43	545	176	22	56	519	11 659
Craftsmen, foremen, and kindred workers	11 641	2 145	18.4	184	–	1 413	37	59	102	350	9 496
Operatives, except transport	27 706	3 235	11.7	207	42	1 670	208	24	156	928	24 471
Transport equipment operatives	6 009	728	12.1	47	21	277	45	39	30	269	5 281
Laborers, except farm	24 144	2 451	10.2	180	22	980	115	62	146	946	21 693
Farm workers	10 552	731	6.9	–	–	278	41	115	–	297	9 821
Service workers, exc. private household	26 247	2 285	8.7	117	158	794	200	66	44	906	23 962
Private household workers	118	20	...	–	–	–	–	–	–	20	98
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 16 to 19 years old	**99 130**	**8 734**	**8.8**	**650**	**188**	**3 852**	**505**	**210**	**365**	**2 964**	**90 396**
Professional, technical, and kindred workers	1 398	227	16.2	–	–	92	41	–	23	71	1 171
Managers and administrators, exc. farm	636	20	3.1	–	–	–	–	–	20	–	616
Sales workers	5 664	523	9.2	75	–	214	91	–	–	143	5 141
Clerical and kindred workers	7 333	822	11.2	185	24	276	92	22	38	185	6 511
Craftsmen, foremen, and kindred workers	7 657	1 002	13.1	128	–	624	23	–	36	191	6 655
Operatives, except transport	21 487	2 037	9.5	120	42	1 079	42	24	54	676	19 450
Transport equipment operatives	3 928	323	8.2	–	–	171	–	20	30	102	3 605
Laborers, except farm	19 558	1 730	8.8	72	22	699	74	62	146	655	17 828
Farm workers	9 717	513	5.3	–	–	220	–	65	–	228	9 204
Service workers, exc. private household	21 677	1 517	7.0	70	100	477	142	17	18	693	20 160
Private household workers	75	20	...	–	–	–	–	–	–	20	55
HIGH SCHOOL 4 YEARS											
Male employed, 16 to 19 years old	**28 241**	**5 757**	**20.4**	**766**	**115**	**2 558**	**410**	**175**	**212**	**1 521**	**22 484**
Professional, technical, and kindred workers	1 427	394	27.6	21	17	128	96	–	–	132	1 033
Managers and administrators, exc. farm	486	113	23.3	37	–	54	–	–	–	22	373
Sales workers	1 799	377	21.0	95	–	70	30	26	–	156	1 422
Clerical and kindred workers	4 908	921	18.8	307	19	225	84	–	18	268	3 987
Craftsmen, foremen, and kindred workers	3 556	1 057	29.7	56	–	744	14	59	66	118	2 499
Operatives, except transport	5 544	1 061	19.1	69	–	591	84	–	102	215	4 483
Transport equipment operatives	1 836	366	19.9	47	21	90	22	19	–	167	1 470
Laborers, except farm	4 110	656	16.0	87	–	281	21	–	–	267	3 454
Farm workers	713	144	20.2	–	–	58	21	22	–	43	569
Service workers, exc. private household	3 819	668	17.5	47	58	317	38	49	26	133	3 151
Private household workers	43	–	–	–	–	–	–	–	–	–	43
COLLEGE 1 TO 3 YEARS											
Male employed, 16 to 19 years old	**5 071**	**831**	**16.4**	**82**	**–**	**128**	**234**	**28**	**22**	**337**	**4 240**
Professional, technical, and kindred workers	502	69	13.7	–	–	–	47	–	22	–	433
Managers and administrators, exc. farm	23	23	...	–	–	23	–	–	–	–	–
Sales workers	535	85	15.9	–	–	–	22	–	–	63	450
Clerical and kindred workers	1 314	153	11.6	43	–	44	–	–	–	66	1 161
Craftsmen, foremen, and kindred workers	428	86	20.1	–	–	45	–	–	–	41	342
Operatives, except transport	675	137	20.3	18	–	–	82	–	–	37	538
Transport equipment operatives	245	39	...	–	–	16	23	–	–	–	206
Laborers, except farm	476	65	13.7	21	–	–	20	–	–	24	411
Farm workers	122	74	...	–	–	–	20	28	–	26	48
Service workers, exc. private household	751	100	13.3	–	–	–	20	–	–	80	651
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 16 to 19 years old	**21**	**21**	**...**	**21**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Professional, technical, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, exc. farm	–	–	–	–	–	–	–	–	–	–	–
Sales workers	–	–	–	–	–	–	–	–	–	–	–
Clerical and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Craftsmen, foremen, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	21	21	...	21	–	–	–	–	–	–	–
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	–	–	–	–	–	–	–	–	–	–	–
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 20 to 24 years old	**239 032**	**53 650**	**22.4**	**8 256**	**1 421**	**26 177**	**5 653**	**966**	**3 386**	**7 791**	**185 382**
Professional, technical, and kindred workers	12 890	4 868	37.8	827	402	801	1 870	45	343	580	8 022
Managers and administrators, exc. farm	6 473	1 905	29.4	610	106	744	108	–	147	190	4 568
Sales workers	9 834	2 187	22.2	509	–	985	211	45	133	304	7 647
Clerical and kindred workers	26 390	7 180	27.2	2 908	217	2 145	548	16	392	954	19 210
Craftsmen, foremen, and kindred workers	42 619	12 688	29.8	758	98	8 639	1 061	86	515	1 531	29 931
Operatives, except transport	58 818	11 446	19.5	1 264	145	6 605	825	368	778	1 461	47 372
Transport equipment operatives	16 755	2 896	17.3	319	24	1 444	165	16	231	697	13 859
Laborers, except farm	28 089	4 287	15.3	416	53	1 853	504	108	327	1 026	23 802
Farm workers	12 840	764	6.0	19	–	204	–	97	43	401	12 076
Service workers, exc. private household	24 108	5 329	22.1	626	376	2 681	361	161	477	647	18 779
Private household workers	216	100	...	–	–	76	–	24	–	–	116
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 20 to 24 years old	**114 209**	**14 760**	**12.9**	**1 289**	**278**	**7 711**	**1 017**	**480**	**873**	**3 112**	**99 449**
Professional, technical, and kindred workers	1 828	520	28.4	78	22	110	217	–	–	93	1 308
Managers and administrators, exc. farm	1 765	240	13.6	–	40	120	19	–	23	38	1 525
Sales workers	2 486	399	16.0	107	–	164	–	–	25	103	2 087
Clerical and kindred workers	6 045	1 157	19.1	409	46	371	20	–	41	270	4 888
Craftsmen, foremen, and kindred workers	20 008	3 350	16.7	162	–	2 214	263	69	152	490	16 658
Operatives, except transport	33 921	4 399	13.0	262	–	2 710	193	213	253	768	29 522
Transport equipment operatives	9 234	896	9.7	63	–	417	18	16	19	363	8 338
Laborers, except farm	16 306	1 802	11.1	62	30	733	185	64	162	566	14 504
Farm workers	10 655	396	3.7	19	–	131	–	20	19	207	10 259
Service workers, exc. private household	11 765	1 501	12.8	127	140	665	102	74	179	214	10 264
Private household workers	196	100	...	–	–	76	–	24	–	–	96
HIGH SCHOOL 4 YEARS											
Male employed, 20 to 24 years old	**86 254**	**27 763**	**32.2**	**4 723**	**705**	**14 878**	**2 358**	**310**	**1 621**	**3 168**	**58 491**
Professional, technical, and kindred workers	4 584	2 003	43.7	289	192	474	717	45	150	136	2 581
Managers and administrators, exc. farm	2 428	1 012	41.7	347	44	418	46	–	57	100	1 416
Sales workers	3 916	1 077	27.5	204	–	624	110	23	54	62	2 839
Clerical and kindred workers	12 376	4 163	33.6	1 789	126	1 304	350	–	181	413	8 213
Craftsmen, foremen, and kindred workers	17 829	7 520	42.2	467	56	5 393	393	17	281	913	10 309
Operatives, except transport	20 488	5 633	27.5	899	123	3 261	378	82	395	495	14 855
Transport equipment operatives	5 619	1 562	27.8	195	–	867	67	–	178	255	4 057
Laborers, except farm	9 218	1 778	19.3	158	23	930	201	–	100	366	7 440
Farm workers	1 771	308	17.4	–	–	32	–	77	24	175	1 463
Service workers, exc. private household	8 005	2 707	33.8	375	141	1 575	96	66	201	253	5 298
Private household workers	20	–	–	–	–	–	–	–	–	–	20
COLLEGE 1 TO 3 YEARS											
Male employed, 20 to 24 years old	**38 569**	**11 127**	**28.8**	**2 244**	**438**	**3 588**	**2 278**	**176**	**892**	**1 511**	**27 442**
Professional, technical, and kindred workers	6 478	2 345	36.2	460	188	217	936	–	193	351	4 133
Managers and administrators, exc. farm	2 280	653	28.6	263	22	206	43	–	67	52	1 627
Sales workers	3 432	711	20.7	198	–	197	101	22	54	139	2 721
Clerical and kindred workers	7 969	1 860	23.3	710	45	470	178	16	170	271	6 109
Craftsmen, foremen, and kindred workers	4 782	1 818	38.0	129	42	1 032	405	–	82	128	2 964
Operatives, except transport	4 409	1 414	32.1	103	22	634	254	73	130	198	2 995
Transport equipment operatives	1 902	438	23.0	61	24	160	80	–	34	79	1 464
Laborers, except farm	2 565	707	27.6	196	–	190	118	44	65	94	1 858
Farm workers	414	60	14.5	–	–	41	–	–	–	19	354
Service workers, exc. private household	4 338	1 121	25.8	124	95	441	163	21	97	180	3 217
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 20 to 24 years old	**7 537**	**1 553**	**20.6**	**294**	**47**	**183**	**473**	**22**	**77**	**457**	**5 984**
Professional, technical, and kindred workers	4 511	940	20.8	65	47	101	380	22	55	270	3 571
Managers and administrators, exc. farm	479	54	11.3	17	–	–	–	–	–	37	425
Sales workers	611	139	22.7	97	–	42	–	–	–	–	472
Clerical and kindred workers	870	151	17.4	67	–	–	43	–	22	19	719
Craftsmen, foremen, and kindred workers	449	107	23.8	17	–	19	24	–	–	47	342
Operatives, except transport	214	66	...	–	–	21	26	–	–	19	148
Transport equipment operatives	129	–	–	–	–	–	–	–	–	–	129
Laborers, except farm	102	24	...	–	–	–	–	–	–	24	78
Farm workers	109	26	...	–	–	–	–	–	–	26	83
Service workers, exc. private household	63	46	...	31	–	–	–	–	–	15	17
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 25 to 34 years old	**491 580**	**121 245**	**24.7**	**18 528**	**3 368**	**64 246**	**12 255**	**2 129**	**6 167**	**14 552**	**370 335**
Professional, technical, and kindred workers	24 919	12 302	49.4	1 959	1 074	3 030	4 538	93	615	993	12 617
Managers and administrators, exc. farm	24 775	7 777	31.4	2 492	179	3 061	740	111	320	874	16 998
Sales workers	19 948	5 382	27.0	1 779	221	1 825	507	113	302	635	14 566
Clerical and kindred workers	40 004	11 727	29.3	5 346	248	3 378	859	94	510	1 292	28 277
Craftsmen, foremen, and kindred workers	111 623	37 025	33.2	2 263	380	26 493	2 871	402	1 415	3 201	74 598
Operatives, except transport	114 564	21 139	18.5	1 918	383	12 388	1 499	468	1 370	3 113	93 425
Transport equipment operatives	38 151	6 183	16.2	756	164	3 441	343	195	413	871	31 968
Laborers, except farm	45 070	5 751	12.8	664	99	2 883	226	95	309	1 475	39 319
Farm workers	21 664	1 427	6.6	100	–	435	40	229	60	563	20 237
Service workers, exc. private household	50 602	12 447	24.6	1 251	600	7 312	632	329	853	1 470	38 155
Private household workers	260	85	...	–	20	–	–	–	–	65	175
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 25 to 34 years old	**277 809**	**36 770**	**13.2**	**2 712**	**531**	**21 154**	**1 529**	**960**	**2 304**	**7 580**	**241 039**
Professional, technical, and kindred workers	3 558	1 088	30.6	145	130	283	256	21	17	236	2 470
Managers and administrators, exc. farm	7 899	1 311	16.6	284	21	517	–	66	111	312	6 588
Sales workers	6 089	779	12.8	164	–	368	–	–	40	207	5 310
Clerical and kindred workers	12 573	1 696	13.5	618	43	458	28	21	119	409	10 877
Craftsmen, foremen, and kindred workers	61 440	12 584	20.5	526	110	8 873	536	176	619	1 744	48 856
Operatives, except transport	77 388	8 960	11.6	569	67	5 033	351	172	809	1 959	68 428
Transport equipment operatives	24 907	2 277	9.1	22	21	1 377	50	120	105	582	22 630
Laborers, except farm	32 990	2 547	7.7	112	22	1 144	121	17	203	928	30 443
Farm workers	19 080	870	4.6	17	–	258	–	148	42	405	18 210
Service workers, exc. private household	31 686	4 634	14.6	255	117	2 843	187	219	239	774	27 052
Private household workers	199	24	...	–	–	–	–	–	–	24	175
HIGH SCHOOL 4 YEARS											
Male employed, 25 to 34 years old	**155 423**	**58 742**	**37.8**	**9 364**	**1 782**	**33 770**	**5 298**	**833**	**2 790**	**4 905**	**96 681**
Professional, technical, and kindred workers	9 649	5 111	53.0	747	453	1 447	1 944	49	266	205	4 538
Managers and administrators, exc. farm	9 947	3 865	38.9	1 041	119	1 859	255	24	167	400	6 082
Sales workers	8 893	2 492	28.0	805	90	1 012	189	40	147	209	6 401
Clerical and kindred workers	17 927	6 489	36.2	2 999	153	2 128	270	55	312	572	11 438
Craftsmen, foremen, and kindred workers	39 987	18 796	47.0	1 138	188	14 225	1 273	167	645	1 160	21 191
Operatives, except transport	31 011	9 828	31.7	995	207	6 114	751	254	441	1 066	21 183
Transport equipment operatives	11 462	3 313	28.9	550	119	1 915	210	75	237	207	8 149
Laborers, except farm	10 211	2 534	24.8	399	77	1 422	79	50	83	424	7 677
Farm workers	2 177	476	21.9	21	–	158	40	81	18	158	1 701
Service workers, exc. private household	14 159	5 838	41.2	669	376	3 490	287	38	474	504	8 321
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 1 TO 3 YEARS											
Male employed, 25 to 34 years old	**58 348**	**25 733**	**44.1**	**6 452**	**1 055**	**9 322**	**5 428**	**336**	**1 073**	**2 067**	**32 615**
Professional, technical, and kindred workers	11 712	6 103	52.1	1 067	491	1 300	2 338	23	332	552	5 609
Managers and administrators, exc. farm	6 929	2 601	37.5	1 167	39	685	485	21	42	162	4 328
Sales workers	4 966	2 111	42.5	810	131	445	318	73	115	219	2 855
Clerical and kindred workers	9 504	3 542	37.3	1 729	52	792	561	18	79	311	5 962
Craftsmen, foremen, and kindred workers	10 196	5 645	55.4	599	82	3 395	1 062	59	151	297	4 551
Operatives, except transport	6 165	2 351	38.1	354	109	1 241	397	42	120	88	3 814
Transport equipment operatives	1 782	593	33.3	184	24	149	83	–	71	82	1 189
Laborers, except farm	1 869	670	35.8	153	–	317	26	28	23	123	1 199
Farm workers	407	81	19.9	62	–	19	–	–	–	–	326
Service workers, exc. private household	4 757	1 975	41.5	327	107	979	158	72	140	192	2 782
Private household workers	61	61	...	–	20	–	–	–	–	41	–
COLLEGE 4 YEARS OR MORE											
Male employed, 25 to 34 years old	**36 116**	**10 809**	**29.9**	**2 419**	**1 368**	**1 710**	**2 450**	**271**	**1 005**	**1 586**	**25 307**
Professional, technical, and kindred workers	23 320	6 602	28.3	950	1 238	862	1 893	162	560	937	16 718
Managers and administrators, exc. farm	4 015	731	18.2	327	22	86	115	–	84	97	3 284
Sales workers	2 089	635	30.4	264	21	26	87	45	79	113	1 454
Clerical and kindred workers	2 251	955	42.4	478	21	108	119	23	41	165	1 296
Craftsmen, foremen, and kindred workers	1 510	602	39.9	83	25	244	100	–	42	108	908
Operatives, except transport	945	430	45.5	147	–	85	72	–	58	68	515
Transport equipment operatives	169	83	...	41	–	20	22	–	–	–	86
Laborers, except farm	263	106	...	–	–	63	–	–	22	21	157
Farm workers	244	74	...	17	–	–	–	20	–	37	170
Service workers, exc. private household	1 310	591	45.1	112	41	216	42	21	119	40	719
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 35 to 44 years old	**424 270**	**104 541**	**24.6**	**14 786**	**2 205**	**59 610**	**8 145**	**2 210**	**4 729**	**12 856**	**319 729**
Professional, technical, and kindred workers	17 334	9 503	54.8	1 448	789	2 831	3 080	122	603	630	7 831
Managers and administrators, exc. farm	24 361	7 882	32.4	2 146	72	3 529	649	217	459	810	16 479
Sales workers	15 061	4 095	27.2	1 685	55	1 541	221	60	118	415	10 966
Clerical and kindred workers	27 910	9 201	33.0	3 817	129	3 253	380	292	440	890	18 709
Craftsmen, foremen, and kindred workers	104 086	35 114	33.7	1 927	262	26 288	2 079	307	1 150	3 101	68 972
Operatives, except transport	88 524	15 555	17.6	1 727	238	9 612	883	343	527	2 225	72 969
Transport equipment operatives	33 627	5 527	16.4	558	94	2 889	322	197	281	1 186	28 100
Laborers, except farm	41 927	5 366	12.8	521	92	2 561	184	171	343	1 494	36 561
Farm workers	24 919	2 051	8.2	134	–	920	63	219	44	671	22 868
Service workers, exc. private household	46 172	10 184	22.1	802	474	6 186	284	282	764	1 392	35 988
Private household workers	349	63	...	21	–	–	–	–	–	42	286
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 35 to 44 years old	**295 209**	**48 579**	**16.5**	**3 314**	**736**	**30 517**	**1 809**	**1 000**	**2 190**	**9 013**	**246 630**
Professional, technical, and kindred workers	4 196	1 526	36.4	157	59	546	382	43	199	140	2 670
Managers and administrators, exc. farm	10 024	2 373	23.7	243	34	1 275	161	96	120	444	7 651
Sales workers	6 879	1 226	17.8	414	36	469	23	–	–	284	5 653
Clerical and kindred workers	12 294	2 774	22.6	815	21	1 211	39	90	148	450	9 520
Craftsmen, foremen, and kindred workers	72 486	17 763	24.5	641	137	13 371	585	157	649	2 223	54 723
Operatives, except transport	69 823	9 201	13.2	543	169	5 997	313	126	338	1 715	60 622
Transport equipment operatives	26 242	3 262	12.4	189	15	1 753	141	104	149	911	22 980
Laborers, except farm	36 222	3 420	9.4	175	71	1 573	56	125	210	1 210	32 802
Farm workers	23 153	1 518	6.6	47	–	739	42	150	44	496	21 635
Service workers, exc. private household	33 583	5 495	16.4	90	194	3 583	67	109	333	1 119	28 088
Private household workers	307	21	...	–	–	–	–	–	–	21	286
HIGH SCHOOL 4 YEARS											
Male employed, 35 to 44 years old	**91 528**	**36 681**	**40.1**	**6 090**	**813**	**21 554**	**2 955**	**800**	**1 563**	**2 906**	**54 847**
Professional, technical, and kindred workers	5 907	3 396	57.5	360	337	1 344	971	59	133	192	2 511
Managers and administrators, exc. farm	8 665	3 073	35.5	864	–	1 434	265	59	185	266	5 592
Sales workers	5 150	1 609	31.2	586	19	720	57	–	118	109	3 541
Clerical and kindred workers	10 190	3 872	38.0	1 684	50	1 310	221	83	209	315	6 318
Craftsmen, foremen, and kindred workers	24 248	12 722	52.5	880	102	9 768	751	127	354	740	11 526
Operatives, except transport	15 172	4 715	31.1	735	69	2 902	346	154	88	421	10 457
Transport equipment operatives	6 366	1 839	28.9	224	51	1 010	159	93	88	214	4 527
Laborers, except farm	4 621	1 443	31.2	210	21	786	62	26	71	267	3 178
Farm workers	1 457	426	29.2	66	–	161	21	69	–	109	1 031
Service workers, exc. private household	9 710	3 544	36.5	460	164	2 119	102	130	317	252	6 166
Private household workers	42	42	...	21	–	–	–	–	–	21	–
COLLEGE 1 TO 3 YEARS											
Male employed, 35 to 44 years old	**37 533**	**19 281**	**51.4**	**5 382**	**656**	**7 539**	**3 381**	**410**	**976**	**937**	**18 252**
Professional, technical, and kindred workers	7 231	4 581	63.4	931	393	941	1 727	20	271	298	2 650
Managers and administrators, exc. farm	5 672	2 436	42.9	1 039	38	820	223	62	154	100	3 236
Sales workers	3 032	1 260	41.6	685	–	352	141	60	–	22	1 772
Clerical and kindred workers	5 426	2 555	47.1	1 318	58	732	120	119	83	125	2 871
Craftsmen, foremen, and kindred workers	7 352	4 629	63.0	406	23	3 149	743	23	147	138	2 723
Operatives, except transport	3 529	1 639	46.4	449	–	713	224	63	101	89	1 890
Transport equipment operatives	1 019	426	41.8	145	28	126	22	–	44	61	593
Laborers, except farm	1 084	503	46.4	136	–	202	66	20	62	17	581
Farm workers	309	107	...	21	–	20	–	–	–	66	202
Service workers, exc. private household	2 879	1 145	39.8	252	116	484	115	43	114	21	1 734
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 35 to 44 years old	**33 796**	**11 289**	**33.4**	**2 569**	**1 273**	**1 854**	**2 314**	**145**	**1 555**	**1 579**	**22 507**
Professional, technical, and kindred workers	22 119	6 918	31.3	917	1 171	1 002	1 582	19	1 038	1 189	15 201
Managers and administrators, exc. farm	4 881	1 614	33.1	515	–	314	381	34	195	175	3 267
Sales workers	1 380	448	32.5	218	18	41	86	–	47	38	932
Clerical and kindred workers	1 868	913	48.9	577	22	42	60	–	153	59	955
Craftsmen, foremen, and kindred workers	1 356	612	45.1	87	22	244	182	24	35	18	744
Operatives, except transport	870	411	47.2	105	–	123	23	18	64	78	459
Transport equipment operatives	312	66	...	22	22	–	–	–	–	22	246
Laborers, except farm	183	59	...	37	–	22	–	–	–	–	124
Farm workers	218	50	...	–	–	–	–	50	–	–	168
Service workers, exc. private household	609	198	32.5	91	18	66	–	–	23	–	411
Private household workers	–	–	–	–	–	–	–	–	–		–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 45 to 54 years old	287 106	69 525	24.2	8 916	1 413	39 203	4 808	2 269	3 912	9 004	217 581
Professional, technical, and kindred workers	10 066	5 182	51.5	759	469	1 582	1 543	47	511	271	4 884
Managers and administrators, exc. farm	18 310	6 401	35.0	1 759	126	2 892	509	144	353	618	11 909
Sales workers	9 901	3 104	31.4	982	21	1 153	295	117	147	389	6 797
Clerical and kindred workers	16 383	5 026	30.7	2 020	67	1 817	132	77	353	560	11 357
Craftsmen, foremen, and kindred workers	69 531	23 340	33.6	1 149	149	17 222	1 430	389	777	2 224	46 191
Operatives, except transport	56 048	10 893	19.4	872	180	6 721	410	287	562	1 861	45 155
Transport equipment operatives	20 385	3 080	15.1	354	–	1 609	91	183	263	580	17 305
Laborers, except farm	29 902	3 648	12.2	183	79	1 866	64	281	240	935	26 254
Farm workers	20 092	1 391	6.9	38	–	287	–	418	106	542	18 701
Service workers, exc. private household	36 043	7 432	20.6	800	322	4 054	334	326	600	996	28 611
Private household workers	445	28	6.3	–	–	–	–	–	–	28	417
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 45 to 54 years old	213 071	37 067	17.4	2 151	427	23 015	1 551	1 479	2 072	6 372	176 004
Professional, technical, and kindred workers	3 129	1 106	35.3	123	22	447	234	–	160	120	2 023
Managers and administrators, exc. farm	9 139	2 194	24.0	396	18	1 268	93	39	91	289	6 945
Sales workers	4 983	984	19.7	136	21	457	67	43	104	156	3 999
Clerical and kindred workers	8 300	1 720	20.7	471	20	673	90	62	80	324	6 580
Craftsmen, foremen, and kindred workers	50 597	13 552	26.8	337	83	10 256	617	287	478	1 494	37 045
Operatives, except transport	45 727	6 996	15.3	273	20	4 500	174	160	388	1 481	38 731
Transport equipment operatives	16 644	2 029	12.2	107	–	1 098	20	139	212	453	14 615
Laborers, except farm	26 552	2 819	10.6	109	40	1 414	64	244	148	800	23 733
Farm workers	18 847	1 048	5.6	–	–	207	–	279	85	477	17 799
Service workers, exc. private household	28 733	4 591	16.0	199	203	2 695	192	226	326	750	24 142
Private household workers	420	28	6.7	–	–	–	–	–	–	28	392
HIGH SCHOOL 4 YEARS											
Male employed, 45 to 54 years old	54 717	21 900	40.0	3 873	498	12 224	1 541	668	1 114	1 982	32 817
Professional, technical, and kindred workers	3 826	2 216	57.9	376	159	812	524	47	187	111	1 610
Managers and administrators, exc. farm	6 259	2 489	39.8	767	89	1 065	165	105	119	179	3 770
Sales workers	3 068	1 282	41.8	552	–	440	43	74	–	173	1 786
Clerical and kindred workers	5 347	1 918	35.9	824	24	810	23	–	118	119	3 429
Craftsmen, foremen, and kindred workers	15 226	7 300	47.9	447	20	5 406	516	81	240	590	7 926
Operatives, except transport	8 095	2 872	35.5	337	69	1 758	141	127	111	329	5 223
Transport equipment operatives	3 342	855	25.6	168	–	438	51	44	51	103	2 487
Laborers, except farm	2 805	676	24.1	55	39	363	–	17	67	135	2 129
Farm workers	970	231	23.8	18	–	40	–	113	21	39	739
Service workers, exc. private household	5 754	2 061	35.8	329	98	1 092	78	60	200	204	3 693
Private household workers	25	–	–	–	–	–	–	–	–	–	25
COLLEGE 1 TO 3 YEARS											
Male employed, 45 to 54 years old	19 318	10 558	54.7	2 892	488	3 964	1 716	122	726	650	8 760
Professional, technical, and kindred workers	3 111	1 860	59.8	260	288	323	785	–	164	40	1 251
Managers and administrators, exc. farm	2 912	1 718	59.0	596	19	559	251	–	143	150	1 194
Sales workers	1 850	838	45.3	294	–	256	185	–	43	60	1 012
Clerical and kindred workers	2 736	1 388	50.7	725	23	334	19	15	155	117	1 348
Craftsmen, foremen, and kindred workers	3 708	2 488	67.1	365	46	1 560	297	21	59	140	1 220
Operatives, except transport	2 226	1 025	46.0	262	91	463	95	–	63	51	1 201
Transport equipment operatives	399	196	...	79	–	73	20	–	–	24	203
Laborers, except farm	545	153	28.1	19	–	89	–	20	25	–	392
Farm workers	275	112	...	20	–	40	–	26	–	26	163
Service workers, exc. private household	1 556	780	50.1	272	21	267	64	40	74	42	776
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 45 to 54 years old	18 203	6 951	38.2	1 874	805	1 275	1 508	122	701	666	11 252
Professional, technical, and kindred workers	10 631	3 493	32.9	625	679	524	887	37	387	354	7 138
Managers and administrators, exc. farm	2 918	1 192	40.8	422	56	126	297	20	155	116	1 726
Sales workers	748	294	39.3	193	–	–	44	–	36	21	454
Clerical and kindred workers	1 180	657	55.7	440	–	69	39	21	29	59	523
Craftsmen, foremen, and kindred workers	982	532	54.2	65	19	258	139	19	–	32	450
Operatives, except transport	509	200	39.3	36	–	81	59	–	24	–	309
Transport equipment operatives	79	63	...	–	–	38	–	25	–	–	16
Laborers, except farm	175	80	...	–	–	39	20	–	21	–	95
Farm workers	253	49	...	–	–	49	–	–	–	–	204
Service workers, exc. private household	728	391	53.7	93	51	91	23	–	49	84	337
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 55 to 64 years old	**153 172**	**27 981**	**18.3**	**3 911**	**350**	**14 443**	**1 544**	**801**	**1 625**	**5 307**	**125 191**
Professional, technical, and kindred workers	4 337	2 004	46.2	428	117	627	326	63	304	139	2 333
Managers and administrators, exc. farm	9 139	2 294	25.1	727	–	918	159	43	88	359	6 845
Sales workers	5 833	1 385	23.7	584	–	402	67	80	165	87	4 448
Clerical and kindred workers	7 682	2 136	27.8	890	19	799	109	40	101	178	5 546
Craftsmen, foremen, and kindred workers	32 141	8 601	26.8	444	33	5 829	458	35	359	1 443	23 540
Operatives, except transport	24 804	3 884	15.7	298	41	2 314	126	61	81	963	20 920
Transport equipment operatives	8 797	1 329	15.1	108	41	445	63	39	112	521	7 468
Laborers, except farm	18 847	1 461	7.8	115	21	629	145	136	81	334	17 386
Farm workers	14 898	693	4.7	29	–	120	23	111	–	410	14 205
Service workers, exc. private household	26 599	4 160	15.6	288	78	2 341	68	193	334	858	22 439
Private household workers	95	34	...	–	–	19	–	–	–	15	61
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 55 to 64 years old	**126 131**	**17 384**	**13.8**	**1 262**	**133**	**9 867**	**476**	**415**	**933**	**4 298**	**108 747**
Professional, technical, and kindred workers	1 687	538	31.9	58	–	324	20	–	94	42	1 149
Managers and administrators, exc. farm	5 476	878	16.0	174	–	401	47	21	45	190	4 598
Sales workers	3 666	664	18.1	205	–	262	–	24	86	87	3 002
Clerical and kindred workers	4 593	711	15.5	150	19	361	–	18	22	141	3 882
Craftsmen, foremen, and kindred workers	26 142	5 869	22.5	179	19	4 186	147	21	256	1 061	20 273
Operatives, except transport	21 857	2 913	13.3	201	20	1 599	96	43	55	899	18 944
Transport equipment operatives	7 831	957	12.2	74	22	293	–	21	78	469	6 874
Laborers, except farm	17 669	1 162	6.6	82	–	493	145	93	60	289	16 507
Farm workers	13 983	498	3.6	–	–	78	–	69	–	351	13 485
Service workers, exc. private household	23 154	3 160	13.6	139	53	1 851	21	105	237	754	19 994
Private household workers	73	34	...	–	–	19	–	–	–	15	39
HIGH SCHOOL 4 YEARS											
Male employed, 55 to 64 years old	**20 061**	**7 485**	**37.3**	**1 780**	**142**	**3 642**	**599**	**257**	**342**	**723**	**12 576**
Professional, technical, and kindred workers	1 254	698	55.7	189	82	164	178	20	65	–	556
Managers and administrators, exc. farm	2 312	737	31.9	294	–	312	66	–	–	65	1 575
Sales workers	1 458	441	30.2	268	–	80	19	34	40	–	1 017
Clerical and kindred workers	2 203	1 072	48.7	540	–	349	64	22	79	18	1 131
Craftsmen, foremen, and kindred workers	4 940	2 217	44.9	196	14	1 422	227	–	42	316	2 723
Operatives, except transport	2 484	791	31.8	79	–	630	–	18	–	64	1 693
Transport equipment operatives	691	232	33.6	19	–	106	22	18	15	52	459
Laborers, except farm	1 032	283	27.4	17	21	136	–	43	21	45	749
Farm workers	830	195	23.5	29	–	42	23	42	–	59	635
Service workers, exc. private household	2 835	819	28.9	149	25	401	–	60	80	104	2 016
Private household workers	22	–	–	–	–	–	–	–	–	–	22
COLLEGE 1 TO 3 YEARS											
Male employed, 55 to 64 years old	**6 980**	**3 112**	**44.6**	**869**	**75**	**934**	**469**	**129**	**350**	**286**	**3 868**
Professional, technical, and kindred workers	1 396	768	55.0	181	35	139	128	43	145	97	628
Managers and administrators, exc. farm	1 351	679	50.3	259	–	205	46	22	43	104	672
Sales workers	709	280	39.5	111	–	60	48	22	39	–	429
Clerical and kindred workers	886	353	39.8	200	–	89	45	–	–	19	533
Craftsmen, foremen, and kindred workers	1 059	515	48.6	69	–	221	84	14	61	66	544
Operatives, except transport	463	180	38.9	18	21	85	30	–	26	–	283
Transport equipment operatives	275	140	...	15	19	46	41	–	19	–	135
Laborers, except farm	146	16	...	16	–	–	–	–	–	–	130
Farm workers	85	–	–	–	–	–	–	–	–	–	85
Service workers, exc. private household	610	181	29.7	–	–	89	47	28	17	–	429
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 55 to 64 years old	**7 656**	**2 662**	**34.8**	**723**	**296**	**492**	**242**	**95**	**420**	**394**	**4 994**
Professional, technical, and kindred workers	4 133	1 314	31.8	282	274	153	92	21	267	225	2 819
Managers and administrators, exc. farm	1 200	286	23.8	141	–	58	49	–	–	38	914
Sales workers	376	149	...	39	–	43	18	–	–	49	227
Clerical and kindred workers	686	275	40.1	101	–	62	–	20	59	33	411
Craftsmen, foremen, and kindred workers	417	235	56.4	–	22	99	83	–	20	11	182
Operatives, except transport	345	203	...	79	–	47	–	35	42	–	142
Transport equipment operatives	22	–	–	–	–	–	–	–	–	–	22
Laborers, except farm	123	30	...	–	–	–	–	–	14	16	93
Farm workers	49	19	...	–	–	–	–	19	–	–	30
Service workers, exc. private household	305	151	...	81	–	30	–	–	18	22	154
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Male employed, 65 years old and over	**40 903**	**6 937**	**17.0**	**1 297**	**147**	**2 466**	**375**	**102**	**358**	**2 192**	**33 966**
Professional, technical, and kindred workers	1 158	456	39.4	177	42	39	100	–	81	17	702
Managers and administrators, exc. farm	2 695	661	24.5	298	21	172	–	20	–	150	2 034
Sales workers	1 737	474	27.3	159	–	70	40	–	76	129	1 263
Clerical and kindred workers	2 538	696	27.4	347	–	88	37	–	72	152	1 842
Craftsmen, foremen, and kindred workers	5 890	1 320	22.4	113	19	825	75	40	21	227	4 570
Operatives, except transport	4 638	766	16.5	38	–	335	36	18	26	313	3 872
Transport equipment operatives	1 727	163	9.4	–	–	69	–	–	–	94	1 564
Laborers, except farm	5 621	510	9.1	80	–	129	26	–	–	275	5 111
Farm workers	6 666	453	6.8	–	20	72	–	24	–	337	6 213
Service workers, exc. private household	8 082	1 395	17.3	85	45	644	61	–	82	478	6 687
Private household workers	151	43	...	–	–	23	–	–	–	20	108
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Male employed, 65 years old and over	**33 800**	**4 337**	**12.8**	**302**	**78**	**1 636**	**155**	**82**	**169**	**1 915**	**29 463**
Professional, technical, and kindred workers	545	116	21.3	44	20	–	18	–	17	17	429
Managers and administrators, exc. farm	1 741	332	19.1	35	21	122	–	20	–	134	1 409
Sales workers	1 193	278	23.3	42	–	70	–	–	59	107	915
Clerical and kindred workers	1 438	347	24.1	115	–	45	37	–	28	122	1 091
Craftsmen, foremen, and kindred workers	4 745	813	17.1	18	–	551	37	20	–	187	3 932
Operatives, except transport	3 769	545	14.5	–	–	233	17	18	26	251	3 224
Transport equipment operatives	1 466	114	7.8	–	–	53	–	–	–	61	1 352
Laborers, except farm	5 186	349	6.7	23	–	36	26	–	–	264	4 837
Farm workers	6 446	412	6.4	–	20	53	–	24	–	315	6 034
Service workers, exc. private household	7 143	1 011	14.2	25	17	473	20	–	39	437	6 132
Private household workers	128	20	...	–	–	–	–	–	–	20	108
HIGH SCHOOL 4 YEARS											
Male employed, 65 years old and over	**5 087**	**1 873**	**36.8**	**690**	**22**	**672**	**136**	**–**	**145**	**208**	**3 214**
Professional, technical, and kindred workers	340	222	...	58	22	20	58	–	64	–	118
Managers and administrators, exc. farm	603	219	36.3	169	–	50	–	–	–	–	384
Sales workers	382	157	...	97	–	–	21	–	17	22	225
Clerical and kindred workers	775	235	30.3	192	–	43	–	–	–	–	540
Craftsmen, foremen, and kindred workers	858	371	43.2	57	–	235	18	–	21	40	487
Operatives, except transport	707	141	19.9	–	–	83	19	–	–	39	566
Transport equipment operatives	182	49	...	–	–	16	–	–	–	33	133
Laborers, except farm	358	142	...	57	–	74	–	–	–	11	216
Farm workers	200	41	...	–	–	19	–	–	–	22	159
Service workers, exc. private household	659	273	41.4	60	–	109	20	–	43	41	386
Private household workers	23	23	...	–	–	23	–	–	–	–	–
COLLEGE 1 TO 3 YEARS											
Male employed, 65 years old and over	**2 016**	**727**	**36.1**	**305**	**47**	**158**	**84**	**20**	**44**	**69**	**1 289**
Professional, technical, and kindred workers	273	118	...	75	–	19	24	–	–	–	155
Managers and administrators, exc. farm	351	110	...	94	–	–	–	–	–	16	241
Sales workers	162	39	...	20	–	–	19	–	–	–	123
Clerical and kindred workers	325	114	...	40	–	–	–	–	44	30	211
Craftsmen, foremen, and kindred workers	287	136	...	38	19	39	20	20	–	–	151
Operatives, except transport	162	80	...	38	–	19	–	–	–	23	82
Transport equipment operatives	79	–	–	–	–	–	–	–	–	–	79
Laborers, except farm	77	19	...	–	–	19	–	–	–	–	58
Farm workers	20	–	–	–	–	–	–	–	–	–	20
Service workers, exc. private household	280	111	...	–	28	62	21	–	–	–	169
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Male employed, 65 years old and over	**2 562**	**1 082**	**42.2**	**306**	**150**	**30**	**184**	**–**	**61**	**351**	**1 480**
Professional, technical, and kindred workers	1 552	579	37.3	110	150	17	97	–	37	168	973
Managers and administrators, exc. farm	200	108	...	56	–	–	34	–	–	18	92
Sales workers	191	113	...	30	–	–	–	–	24	59	78
Clerical and kindred workers	157	104	...	62	–	–	–	–	–	42	53
Craftsmen, foremen, and kindred workers	99	58	...	20	–	–	38	–	–	–	41
Operatives, except transport	112	13	...	–	–	13	–	–	–	–	99
Transport equipment operatives	57	–	–	–	–	–	–	–	–	–	57
Laborers, except farm	64	42	...	–	–	–	–	–	–	42	22
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	130	65	...	28	–	–	15	–	–	22	65
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 years old and over	**970 844**	**245 729**	**25.3**	**109 458**	**41 276**	**44 357**	**2 056**	**4 121**	**8 059**	**36 402**	**725 115**
Professional, technical, and kindred workers	49 747	23 478	47.2	4 129	13 177	1 495	695	281	1 183	2 518	26 269
Managers and administrators, exc. farm	19 957	5 114	25.6	3 243	469	510	25	62	226	579	14 843
Sales workers	53 955	10 365	19.2	5 079	608	1 735	20	362	516	2 045	43 590
Clerical and kindred workers	282 524	100 853	35.7	76 909	4 038	7 031	431	738	2 218	9 488	181 671
Craftsmen, foremen, and kindred workers	22 488	4 844	21.5	1 507	281	1 603	188	103	309	853	17 644
Operatives, except transport	273 515	37 493	13.7	10 353	2 555	10 941	452	1 320	1 962	9 910	236 022
Transport equipment operatives	3 191	531	16.6	154	98	77	–	–	22	180	2 660
Laborers, except farm	13 909	1 525	11.0	428	74	302	19	41	119	542	12 384
Farm workers	20 462	1 461	7.1	220	81	224	20	59	63	794	19 001
Service workers, exc. private household	184 634	55 124	29.9	6 569	19 058	19 655	166	879	1 189	7 608	129 510
Private household workers	46 462	4 941	10.6	867	837	784	40	276	252	1 885	41 521
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 years old and over	**535 854**	**76 803**	**14.3**	**20 280**	**12 154**	**18 734**	**565**	**1 703**	**2 651**	**20 716**	**459 051**
Professional, technical, and kindred workers	12 063	3 603	29.9	642	1 858	253	41	63	100	646	8 460
Managers and administrators, exc. farm	8 657	1 208	14.0	547	157	161	25	–	21	297	7 449
Sales workers	27 657	3 426	12.4	1 216	224	570	20	174	242	980	24 231
Clerical and kindred workers	69 480	17 016	24.5	11 002	541	1 640	71	197	415	3 150	52 464
Craftsmen, foremen, and kindred workers	14 740	2 024	13.7	377	87	764	22	40	157	577	12 716
Operatives, except transport	210 939	21 537	10.2	4 183	1 521	6 874	287	554	945	7 173	189 402
Transport equipment operatives	2 213	324	14.6	52	57	56	–	–	22	137	1 889
Laborers, except farm	10 634	918	8.6	150	53	179	19	41	64	412	9 716
Farm workers	18 725	1 068	5.7	174	81	94	20	42	63	594	17 657
Service workers, exc. private household	121 010	22 645	18.7	1 712	7 176	7 598	60	451	459	5 189	98 365
Private household workers	39 736	3 034	7.6	225	399	545	–	141	163	1 561	36 702
HIGH SCHOOL 4 YEARS											
Female employed, 16 years old and over	**338 551**	**125 493**	**37.1**	**67 177**	**18 985**	**21 643**	**711**	**1 855**	**3 555**	**11 567**	**213 058**
Professional, technical, and kindred workers	19 907	10 683	53.7	2 118	5 962	702	198	152	577	974	9 224
Managers and administrators, exc. farm	8 360	2 880	34.4	2 074	132	284	–	62	135	193	5 480
Sales workers	20 886	5 248	25.1	2 926	261	939	–	149	205	768	15 638
Clerical and kindred workers	164 214	62 871	38.3	49 585	2 363	4 442	207	404	1 140	4 730	101 343
Craftsmen, foremen, and kindred workers	6 379	2 114	33.1	807	157	666	102	42	111	229	4 265
Operatives, except transport	55 487	13 342	24.0	5 019	850	3 704	124	596	739	2 310	42 145
Transport equipment operatives	802	166	20.7	82	41	–	–	–	–	43	636
Laborers, except farm	2 793	445	15.9	225	–	123	–	–	16	81	2 348
Farm workers	1 460	311	21.3	46	–	130	–	17	–	118	1 149
Service workers, exc. private household	52 486	26 003	49.5	3 836	8 883	10 458	40	318	569	1 899	26 483
Private household workers	5 777	1 430	24.8	459	336	195	40	115	63	222	4 347
COLLEGE 1 TO 3 YEARS											
Female employed, 16 years old and over	**96 439**	**43 433**	**45.0**	**22 001**	**10 137**	**3 980**	**780**	**563**	**1 853**	**4 119**	**53 006**
Professional, technical, and kindred workers	17 777	9 192	51.7	1 369	5 357	540	456	66	506	898	8 585
Managers and administrators, exc. farm	2 940	1 026	34.9	622	180	65	–	–	70	89	1 914
Sales workers	5 412	1 691	31.2	937	123	226	–	39	69	297	3 721
Clerical and kindred workers	48 830	20 966	42.9	16 322	1 134	949	153	137	663	1 608	27 864
Craftsmen, foremen, and kindred workers	1 369	706	51.6	323	37	173	64	21	41	47	663
Operatives, except transport	7 089	2 614	36.9	1 151	184	363	41	170	278	427	4 475
Transport equipment operatives	176	41	...	20	–	21	–	–	–	–	135
Laborers, except farm	482	162	33.6	53	21	–	–	–	39	49	320
Farm workers	277	82	...	–	–	–	–	–	–	82	195
Service workers, exc. private household	11 138	6 476	58.1	1 021	2 999	1 599	66	110	161	520	4 662
Private household workers	949	477	50.3	183	102	44	–	20	26	102	472
COLLEGE 4 YEARS OR MORE											
Female employed, 16 years old and over	**48 390**	**14 712**	**30.4**	**3 761**	**3 594**	**482**	**410**	**386**	**3 545**	**2 534**	**33 678**
Professional, technical, and kindred workers	32 581	8 513	26.1	1 288	2 949	179	233	259	1 913	1 692	24 068
Managers and administrators, exc. farm	1 518	436	28.7	156	149	–	–	33	–	98	1 082
Sales workers	820	341	41.6	85	42	17	–	–	135	62	479
Clerical and kindred workers	7 830	3 111	39.7	1 821	190	42	108	21	646	283	4 719
Craftsmen, foremen, and kindred workers	339	149	...	20	–	47	–	–	82	–	190
Operatives, except transport	3 079	1 159	37.6	171	21	55	47	17	552	296	1 920
Transport equipment operatives	59	22	...	22	–	–	–	–	–	–	37
Laborers, except farm	50	38	...	–	–	–	–	19	19	–	12
Farm workers	88	62	...	45	17	–	–	–	–	–	26
Service workers, exc. private household	1 686	774	45.9	129	205	142	22	20	153	103	912
Private household workers	340	107	...	24	21	–	–	17	45	–	233

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 16 to 19 years old	**96 475**	**18 581**	**19.3**	**9 781**	**1 841**	**2 655**	**98**	**745**	**446**	**3 015**	**77 894**
Professional, technical, and kindred workers	2 507	427	17.0	120	88	41	22	39	–	117	2 080
Managers and administrators, exc. farm	454	106	23.3	54	–	18	–	–	–	34	348
Sales workers	9 673	1 587	16.4	623	166	235	–	150	59	354	8 086
Clerical and kindred workers	40 453	10 261	25.4	7 402	410	428	76	202	247	1 496	30 192
Craftsmen, foremen, and kindred workers	980	121	12.3	44	–	46	–	–	–	31	859
Operatives, except transport	14 918	1 732	11.6	787	28	397	–	113	80	327	13 186
Transport equipment operatives	211	54	...	32	–	–	–	–	22	–	157
Laborers, except farm	1 884	105	5.6	21	–	43	–	–	–	41	1 779
Farm workers	3 478	154	4.4	78	–	38	–	17	–	21	3 324
Service workers, exc. private household	18 860	3 870	20.5	578	1 149	1 366	–	186	38	553	14 990
Private household workers	3 057	164	5.4	42	–	43	–	38	–	41	2 893
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 16 to 19 years old	**56 298**	**6 544**	**11.6**	**2 821**	**566**	**1 172**	**18**	**359**	**208**	**1 400**	**49 754**
Professional, technical, and kindred workers	1 012	98	9.7	59	–	19	–	–	–	20	914
Managers and administrators, exc. farm	199	15	...	–	–	–	–	–	–	15	184
Sales workers	6 289	686	10.9	226	83	104	–	85	–	188	5 603
Clerical and kindred workers	15 984	2 843	17.8	1 881	36	153	18	90	106	559	13 141
Craftsmen, foremen, and kindred workers	686	22	3.2	–	–	22	–	–	–	–	664
Operatives, except transport	11 142	870	7.8	322	–	229	–	20	80	219	10 272
Transport equipment operatives	177	54	...	32	–	–	–	–	22	–	123
Laborers, except farm	1 412	84	5.9	–	–	43	–	–	–	41	1 328
Farm workers	3 254	78	2.4	78	–	–	–	–	–	–	3 176
Service workers, exc. private household	13 653	1 716	12.6	223	447	582	–	147	–	317	11 937
Private household workers	2 490	78	3.1	–	–	20	–	17	–	41	2 412
HIGH SCHOOL 4 YEARS											
Female employed, 16 to 19 years old	**34 239**	**10 476**	**30.6**	**6 180**	**989**	**1 390**	**58**	**347**	**161**	**1 351**	**23 763**
Professional, technical, and kindred workers	943	227	24.1	61	61	–	–	39	–	66	716
Managers and administrators, exc. farm	176	72	...	54	–	18	–	–	–	–	104
Sales workers	2 725	694	25.5	371	21	131	–	26	36	109	2 031
Clerical and kindred workers	20 989	6 625	31.6	4 940	315	275	58	112	125	800	14 364
Craftsmen, foremen, and kindred workers	251	77	...	22	–	24	–	–	–	31	174
Operatives, except transport	3 576	802	22.4	405	28	168	–	93	–	108	2 774
Transport equipment operatives	34	–	–	–	–	–	–	–	–	–	34
Laborers, except farm	352	21	...	21	–	–	–	–	–	–	331
Farm workers	200	76	...	–	–	38	–	17	–	21	124
Service workers, exc. private household	4 463	1 812	40.6	280	564	713	–	39	–	216	2 651
Private household workers	530	70	13.2	26	–	23	–	21	–	–	460
COLLEGE 1 TO 3 YEARS											
Female employed, 16 to 19 years old	**5 938**	**1 561**	**26.3**	**780**	**286**	**93**	**22**	**39**	**77**	**264**	**4 377**
Professional, technical, and kindred workers	552	102	18.5	–	27	22	22	–	–	31	450
Managers and administrators, exc. farm	79	19	...	–	–	–	–	–	–	19	60
Sales workers	659	207	31.4	26	62	–	–	39	23	57	452
Clerical and kindred workers	3 480	793	22.8	581	59	–	–	–	16	137	2 687
Craftsmen, foremen, and kindred workers	43	22	...	22	–	–	–	–	–	–	21
Operatives, except transport	200	60	...	60	–	–	–	–	–	–	140
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	120	–	–	–	–	–	–	–	–	–	120
Farm workers	24	–	–	–	–	–	–	–	–	–	24
Service workers, exc. private household	744	342	46.0	75	138	71	–	–	38	20	402
Private household workers	37	16	...	16	–	–	–	–	–	–	21
COLLEGE 4 YEARS OR MORE											
Female employed, 16 to 19 years old	–	–	–	–	–	–	–	–	–	–	–
Professional, technical, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, exc. farm	–	–	–	–	–	–	–	–	–	–	–
Sales workers	–	–	–	–	–	–	–	–	–	–	–
Clerical and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Craftsmen, foremen, and kindred workers	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	–	–	–	–	–	–	–	–	–	–	–
Private household workers	–	–	–	–	–	–	–	–	–	–	–

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 20 to 24 years old	**173 736**	**54 520**	**31.4**	**27 615**	**8 358**	**9 930**	**440**	**481**	**1 496**	**6 200**	**119 216**
Professional, technical, and kindred workers	8 808	3 977	45.2	649	2 366	326	78	–	150	408	4 831
Managers and administrators, exc. farm	1 687	463	27.4	335	35	–	–	–	19	74	1 224
Sales workers	9 350	1 772	19.0	955	83	248	–	37	134	315	7 578
Clerical and kindred workers	75 691	28 342	37.4	21 870	1 068	2 028	149	124	562	2 541	47 349
Craftsmen, foremen, and kindred workers	2 840	734	25.8	305	–	185	62	21	19	142	2 106
Operatives, except transport	36 670	5 469	14.9	1 746	462	1 524	63	142	233	1 299	31 201
Transport equipment operatives	526	–	–	–	–	–	–	–	–	–	526
Laborers, except farm	2 398	333	13.9	150	–	43	19	–	36	85	2 065
Farm workers	3 429	369	10.8	23	46	79	–	21	–	200	3 060
Service workers, exc. private household	28 518	12 489	43.8	1 409	4 195	5 377	69	106	324	1 009	16 029
Private household workers	3 819	572	15.0	173	103	120	–	30	19	127	3 247
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 20 to 24 years old	**56 234**	**8 987**	**16.0**	**2 980**	**1 398**	**2 397**	**19**	**130**	**375**	**1 688**	**47 247**
Professional, technical, and kindred workers	1 030	294	28.5	54	128	37	–	–	20	55	736
Managers and administrators, exc. farm	291	21	...	–	–	–	–	–	–	21	270
Sales workers	2 826	458	16.2	161	36	60	–	37	70	94	2 368
Clerical and kindred workers	9 123	2 651	29.1	1 846	75	316	–	–	57	357	6 472
Craftsmen, foremen, and kindred workers	1 343	226	16.8	41	–	89	–	–	19	77	1 117
Operatives, except transport	22 963	2 179	9.5	584	197	679	–	42	166	511	20 784
Transport equipment operatives	270	–	–	–	–	–	–	–	–	–	270
Laborers, except farm	1 542	139	9.0	39	–	43	19	–	–	38	1 403
Farm workers	2 856	173	6.1	23	46	27	–	21	–	56	2 683
Service workers, exc. private household	11 107	2 586	23.3	194	892	1 085	–	–	43	372	8 521
Private household workers	2 883	260	9.0	38	24	61	–	30	–	107	2 623
HIGH SCHOOL 4 YEARS											
Female employed, 20 to 24 years old	**86 489**	**33 810**	**39.1**	**18 517**	**4 777**	**6 405**	**204**	**262**	**667**	**2 978**	**52 679**
Professional, technical, and kindred workers	3 702	2 071	55.9	449	1 189	209	38	–	51	135	1 631
Managers and administrators, exc. farm	1 003	339	33.8	267	–	–	–	–	19	53	664
Sales workers	4 426	883	20.0	600	20	82	–	–	18	163	3 543
Clerical and kindred workers	48 427	18 932	39.1	14 923	744	1 383	86	77	242	1 477	29 495
Craftsmen, foremen, and kindred workers	1 058	295	27.9	159	–	78	19	21	–	18	763
Operatives, except transport	11 972	2 788	23.3	989	247	779	41	77	67	588	9 184
Transport equipment operatives	184	–	–	–	–	–	–	–	–	–	184
Laborers, except farm	729	117	16.0	80	–	–	–	–	16	21	612
Farm workers	506	149	29.4	–	–	52	–	–	–	97	357
Service workers, exc. private household	13 710	8 027	58.5	976	2 519	3 784	20	87	235	406	5 683
Private household workers	772	209	27.1	74	58	38	–	–	19	20	563
COLLEGE 1 TO 3 YEARS											
Female employed, 20 to 24 years old	**31 013**	**11 723**	**37.8**	**6 118**	**2 183**	**1 128**	**217**	**89**	**454**	**1 534**	**19 290**
Professional, technical, and kindred workers	4 076	1 612	39.5	146	1 049	80	40	–	79	218	2 464
Managers and administrators, exc. farm	393	103	...	68	35	–	–	–	–	–	290
Sales workers	2 098	431	20.5	194	27	106	–	–	46	58	1 667
Clerical and kindred workers	18 141	6 759	37.3	5 101	249	329	63	47	263	707	11 382
Craftsmen, foremen, and kindred workers	439	213	48.5	105	–	18	43	–	–	47	226
Operatives, except transport	1 735	502	28.9	173	18	66	22	23	–	200	1 233
Transport equipment operatives	72	–	–	–	–	–	–	–	–	–	72
Laborers, except farm	127	77	...	31	–	–	–	–	20	26	50
Farm workers	67	47	...	–	–	–	–	–	–	47	20
Service workers, exc. private household	3 701	1 876	50.7	239	784	508	49	19	46	231	1 825
Private household workers	164	103	...	61	21	21	–	–	–	–	61
COLLEGE 4 YEARS OR MORE											
Female employed, 20 to 24 years old	**6 794**	**1 468**	**21.6**	**328**	**297**	**41**	**43**	**–**	**242**	**517**	**5 326**
Professional, technical, and kindred workers	4 763	932	19.6	90	297	–	–	–	149	396	3 831
Managers and administrators, exc. farm	130	15	...	15	–	–	–	–	–	–	115
Sales workers	134	38	...	–	–	–	–	–	19	19	96
Clerical and kindred workers	1 271	368	29.0	203	–	20	43	–	47	55	903
Craftsmen, foremen, and kindred workers	20	20	...	20	–	–	–	–	–	–	–
Operatives, except transport	181	24	...	–	–	–	–	–	–	24	157
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	257	71	...	–	–	21	–	–	27	23	186
Private household workers	38	–	–	–	–	–	–	–	–	–	38

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 25 to 34 years old	**240 099**	**70 644**	**29.4**	**33 053**	**12 232**	**12 555**	**740**	**958**	**2 165**	**8 941**	**169 455**
Professional, technical, and kindred workers	14 002	7 338	52.4	1 352	3 909	399	359	71	483	765	6 664
Managers and administrators, exc. farm	3 943	1 186	30.1	731	124	128	25	24	–	154	2 757
Sales workers	10 593	2 561	24.2	1 340	174	451	–	72	115	409	8 032
Clerical and kindred workers	75 179	29 837	39.7	23 148	1 259	2 270	124	195	696	2 145	45 342
Craftsmen, foremen, and kindred workers	6 227	1 650	26.5	698	146	453	65	21	117	150	4 577
Operatives, except transport	70 282	10 332	14.7	3 571	808	2 531	105	378	424	2 515	59 950
Transport equipment operatives	909	125	13.8	62	–	42	–	–	–	21	784
Laborers, except farm	3 209	394	12.3	101	18	101	–	21	42	111	2 815
Farm workers	4 351	313	7.2	39	16	63	20	–	21	154	4 038
Service workers, exc. private household	42 859	15 486	36.1	1 609	5 500	5 978	20	132	248	1 999	27 373
Private household workers	8 545	1 422	16.6	402	278	139	22	44	19	518	7 123
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 25 to 34 years old	**118 160**	**19 082**	**16.1**	**5 230**	**2 894**	**4 945**	**188**	**473**	**663**	**4 689**	**99 078**
Professional, technical, and kindred workers	3 124	847	27.1	184	366	58	20	41	39	139	2 277
Managers and administrators, exc. farm	1 319	275	20.8	85	24	58	25	–	–	83	1 044
Sales workers	4 851	723	14.9	313	66	86	–	27	69	162	4 128
Clerical and kindred workers	14 066	4 160	29.6	2 671	130	453	36	40	144	686	9 906
Craftsmen, foremen, and kindred workers	3 792	525	13.8	149	45	177	22	–	47	85	3 267
Operatives, except transport	52 120	5 598	10.7	1 368	487	1 654	65	237	142	1 645	46 522
Transport equipment operatives	519	42	8.1	–	–	42	–	–	–	–	477
Laborers, except farm	2 357	196	8.3	20	18	43	–	21	23	71	2 161
Farm workers	4 089	279	6.8	18	16	50	20	–	21	154	3 810
Service workers, exc. private household	25 481	5 717	22.4	365	1 615	2 227	–	83	159	1 268	19 764
Private household workers	6 442	720	11.2	57	127	97	–	24	19	396	5 722
HIGH SCHOOL 4 YEARS											
Female employed, 25 to 34 years old	**94 839**	**37 586**	**39.6**	**20 258**	**6 103**	**6 467**	**223**	**348**	**952**	**3 235**	**57 253**
Professional, technical, and kindred workers	5 741	3 415	59.5	689	1 874	239	75	–	258	280	2 326
Managers and administrators, exc. farm	1 928	772	40.0	582	42	70	–	24	–	54	1 156
Sales workers	4 842	1 442	29.8	733	108	315	–	45	46	195	3 400
Clerical and kindred workers	46 660	18 635	39.9	14 729	732	1 540	23	130	348	1 133	28 025
Craftsmen, foremen, and kindred workers	2 028	857	42.3	393	64	243	43	–	49	65	1 171
Operatives, except transport	16 240	3 933	24.2	1 761	301	772	40	101	183	775	12 307
Transport equipment operatives	327	83	...	62	–	–	–	–	–	21	244
Laborers, except farm	771	179	23.2	81	–	58	–	–	–	40	592
Farm workers	222	34	...	21	–	13	–	–	–	–	188
Service workers, exc. private household	14 216	7 651	53.8	907	2 865	3 198	20	28	68	565	6 565
Private household workers	1 864	585	31.4	300	117	19	22	20	–	107	1 279
COLLEGE 1 TO 3 YEARS											
Female employed, 25 to 34 years old	**27 100**	**13 976**	**51.6**	**7 565**	**3 235**	**1 143**	**329**	**137**	**550**	**1 017**	**13 124**
Professional, technical, and kindred workers	5 137	3 076	59.9	479	1 669	102	264	30	186	346	2 061
Managers and administrators, exc. farm	696	139	20.0	64	58	–	–	–	–	17	557
Sales workers	900	396	44.0	294	–	50	–	–	–	52	504
Clerical and kindred workers	14 453	7 042	48.7	5 748	397	277	65	25	204	326	7 411
Craftsmen, foremen, and kindred workers	407	268	65.8	156	37	33	–	21	21	–	139
Operatives, except transport	1 922	801	41.7	442	20	105	–	40	99	95	1 121
Transport equipment operatives	63	–	–	–	–	–	–	–	–	–	63
Laborers, except farm	81	19	...	–	–	–	–	–	19	–	62
Farm workers	40	–	–	–	–	–	–	–	–	–	40
Service workers, exc. private household	3 162	2 118	67.0	337	1 020	553	–	21	21	166	1 044
Private household workers	239	117	...	45	34	23	–	–	–	15	122
COLLEGE 4 YEARS OR MORE											
Female employed, 25 to 34 years old	**16 813**	**4 660**	**27.7**	**1 237**	**1 264**	**86**	**165**	**119**	**910**	**879**	**12 153**
Professional, technical, and kindred workers	12 009	2 754	22.9	339	1 047	43	120	47	585	573	9 255
Managers and administrators, exc. farm	488	122	25.0	75	18	–	–	14	–	15	366
Sales workers	190	66	...	21	21	–	–	–	–	24	124
Clerical and kindred workers	2 776	981	35.3	572	48	–	23	21	155	162	1 795
Craftsmen, foremen, and kindred workers	44	–	–	–	–	–	–	–	–	–	44
Operatives, except transport	611	378	61.9	95	21	19	–	–	153	90	233
Transport equipment operatives	22	22	...	22	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	43	17	...	–	17	–	–	–	–	–	26
Service workers, exc. private household	531	262	49.3	89	92	24	22	20	–	15	269
Private household workers	99	58	...	24	–	–	–	17	17	–	41

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 35 to 44 years old	**224 889**	**52 157**	**23.2**	**21 767**	**9 810**	**9 423**	**442**	**997**	**2 001**	**7 717**	**172 732**
Professional, technical, and kindred workers	12 941	6 292	48.6	985	3 548	530	152	129	284	664	6 649
Managers and administrators, exc. farm	5 131	1 171	22.8	707	121	186	–	20	59	78	3 960
Sales workers	11 075	2 092	18.9	1 106	104	367	–	54	126	335	8 983
Clerical and kindred workers	51 387	18 074	35.2	14 073	786	1 153	25	91	385	1 561	33 313
Craftsmen, foremen, and kindred workers	6 203	1 189	19.2	356	59	362	21	42	134	215	5 014
Operatives, except transport	76 434	10 121	13.2	2 668	698	2 988	149	430	663	2 525	66 313
Transport equipment operatives	883	164	18.6	40	59	21	–	–	–	44	719
Laborers, except farm	2 960	354	12.0	137	40	47	–	–	–	130	2 606
Farm workers	4 455	224	5.0	–	19	17	–	21	24	143	4 231
Service workers, exc. private household	42 484	11 222	26.4	1 488	4 169	3 537	77	143	258	1 550	31 262
Private household workers	10 936	1 254	11.5	207	207	215	18	67	68	472	9 682
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 35 to 44 years old	**138 498**	**19 247**	**13.9**	**4 981**	**3 161**	**4 745**	**162**	**275**	**676**	**5 247**	**119 251**
Professional, technical, and kindred workers	2 928	884	30.2	120	476	139	–	–	–	149	2 044
Managers and administrators, exc. farm	2 214	292	13.2	167	56	–	–	–	21	48	1 922
Sales workers	5 802	557	9.6	148	20	161	–	–	44	184	5 245
Clerical and kindred workers	15 204	3 609	23.7	2 467	96	344	–	25	63	614	11 595
Craftsmen, foremen, and kindred workers	4 248	605	14.2	164	17	155	–	21	69	179	3 643
Operatives, except transport	61 276	6 194	10.1	1 168	487	1 834	102	83	282	2 238	55 082
Transport equipment operatives	673	62	9.2	–	18	–	–	–	–	44	611
Laborers, except farm	2 316	240	10.4	91	19	–	–	–	–	130	2 076
Farm workers	4 105	211	5.1	–	19	17	–	21	24	130	3 894
Service workers, exc. private household	30 317	5 707	18.8	569	1 809	1 903	60	78	131	1 157	24 610
Private household workers	9 415	886	9.4	87	144	192	–	47	42	374	8 529
HIGH SCHOOL 4 YEARS											
Female employed, 35 to 44 years old	**68 394**	**24 039**	**35.1**	**12 776**	**3 982**	**3 920**	**90**	**536**	**862**	**1 873**	**44 355**
Professional, technical, and kindred workers	5 446	2 901	53.3	510	1 527	213	44	93	161	353	2 545
Managers and administrators, exc. farm	2 195	684	31.2	464	21	141	–	20	20	18	1 511
Sales workers	4 389	1 196	27.2	716	50	185	–	54	82	109	3 193
Clerical and kindred workers	29 025	10 898	37.5	8 930	405	653	–	45	197	668	18 127
Craftsmen, foremen, and kindred workers	1 698	465	27.4	174	42	147	–	21	45	36	1 233
Operatives, except transport	13 283	3 185	24.0	1 119	177	1 069	28	263	242	287	10 098
Transport equipment operatives	169	61	...	20	41	–	–	–	–	–	108
Laborers, except farm	538	71	13.2	24	–	47	–	–	–	–	467
Farm workers	290	–	–	–	–	–	–	–	–	–	290
Service workers, exc. private household	10 167	4 403	43.3	760	1 703	1 442	–	40	89	369	5 764
Private household workers	1 194	175	14.7	59	16	23	18	–	26	33	1 019
COLLEGE 1 TO 3 YEARS											
Female employed, 35 to 44 years old	**17 997**	**8 871**	**49.3**	**4 010**	**2 667**	**758**	**190**	**186**	**463**	**597**	**9 126**
Professional, technical, and kindred workers	4 567	2 507	54.9	355	1 545	178	108	36	123	162	2 060
Managers and administrators, exc. farm	722	195	27.0	76	44	45	–	–	18	12	527
Sales workers	884	339	38.3	242	34	21	–	–	–	42	545
Clerical and kindred workers	7 158	3 567	49.8	2 676	285	156	25	21	125	279	3 591
Craftsmen, foremen, and kindred workers	257	119	...	18	–	60	21	–	20	–	138
Operatives, except transport	1 875	742	39.6	381	34	85	19	84	139	–	1 133
Transport equipment operatives	41	41	...	20	–	21	–	–	–	–	–
Laborers, except farm	106	43	...	22	21	–	–	–	–	–	63
Farm workers	60	13	...	–	–	–	–	–	–	13	47
Service workers, exc. private household	2 000	1 112	55.6	159	657	192	17	25	38	24	888
Private household workers	327	193	...	61	47	–	–	20	–	65	134
COLLEGE 4 YEARS OR MORE											
Female employed, 35 to 44 years old	**12 538**	**4 354**	**34.7**	**1 291**	**1 070**	**196**	**179**	**132**	**933**	**553**	**8 184**
Professional, technical, and kindred workers	8 244	2 473	30.0	466	884	62	90	113	494	364	5 771
Managers and administrators, exc. farm	417	146	35.0	40	63	–	–	19	–	24	271
Sales workers	196	102	...	42	–	17	–	–	24	19	94
Clerical and kindred workers	1 777	921	51.8	680	67	–	42	–	115	17	856
Craftsmen, foremen, and kindred workers	153	61	...	–	–	–	–	–	61	–	92
Operatives, except transport	1 119	369	33.0	18	–	20	47	–	177	107	750
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	45	45	...	45	–	–	–	–	–	–	–
Service workers, exc. private household	514	219	42.6	–	56	97	–	–	44	22	295
Private household workers	73	18	...	–	–	–	–	–	18	–	55

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 45 to 54 years old	**151 724**	**32 613**	**21.5**	**11 617**	**6 093**	**6 764**	**178**	**685**	**1 312**	**5 964**	**119 111**
Professional, technical, and kindred workers	7 543	3 368	44.7	718	1 944	147	44	42	118	355	4 175
Managers and administrators, exc. farm	5 446	1 349	24.8	850	129	136	–	18	51	165	4 097
Sales workers	8 300	1 415	17.0	694	22	370	–	24	62	243	6 885
Clerical and kindred workers	27 746	9 705	35.0	6 882	423	866	36	107	290	1 101	18 041
Craftsmen, foremen, and kindred workers	4 209	812	19.3	59	76	380	40	19	39	199	3 397
Operatives, except transport	50 157	6 460	12.9	1 274	416	2 291	58	192	382	1 847	43 697
Transport equipment operatives	384	42	...	20	–	–	–	–	–	22	342
Laborers, except farm	2 171	203	9.4	19	–	31	–	20	41	92	1 968
Farm workers	3 085	204	6.6	55	–	27	–	–	18	104	2 881
Service workers, exc. private household	32 697	8 177	25.0	1 026	2 894	2 376	–	206	210	1 465	24 520
Private household workers	9 986	878	8.8	20	189	140	–	57	101	371	9 108
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 45 to 54 years old	**103 128**	**14 029**	**13.6**	**2 648**	**2 740**	**3 561**	**60**	**265**	**517**	**4 238**	**89 099**
Professional, technical, and kindred workers	2 368	827	34.9	110	481	–	–	22	21	193	1 541
Managers and administrators, exc. farm	2 593	303	11.7	126	39	82	–	–	–	56	2 290
Sales workers	4 626	489	10.6	228	–	125	–	–	39	97	4 137
Clerical and kindred workers	10 037	2 373	23.6	1 337	153	254	17	23	45	544	7 664
Craftsmen, foremen, and kindred workers	3 094	412	13.3	–	25	208	–	19	22	138	2 682
Operatives, except transport	41 665	4 155	10.0	523	267	1 543	43	128	186	1 465	37 510
Transport equipment operatives	316	20	...	20	–	–	–	–	–	–	296
Laborers, except farm	1 890	146	7.7	–	–	13	–	20	41	72	1 744
Farm workers	2 900	177	6.1	55	–	–	–	–	18	104	2 723
Service workers, exc. private household	24 601	4 547	18.5	229	1 691	1 252	–	53	62	1 260	20 054
Private household workers	9 038	580	6.4	20	84	84	–	–	83	309	8 458
HIGH SCHOOL 4 YEARS											
Female employed, 45 to 54 years old	**39 186**	**13 887**	**35.4**	**6 537**	**2 268**	**2 667**	**96**	**324**	**618**	**1 377**	**25 299**
Professional, technical, and kindred workers	2 985	1 431	47.9	310	879	41	22	20	63	96	1 554
Managers and administrators, exc. farm	2 149	724	33.7	514	69	34	–	18	21	68	1 425
Sales workers	3 021	676	22.4	302	22	196	–	24	23	109	2 345
Clerical and kindred workers	13 825	5 290	38.3	4 005	146	440	19	40	190	450	8 535
Craftsmen, foremen, and kindred workers	1 018	381	37.4	59	51	153	40	–	17	61	637
Operatives, except transport	7 585	1 931	25.5	656	78	661	15	41	156	324	5 654
Transport equipment operatives	68	22	...	–	–	–	–	–	–	22	46
Laborers, except farm	256	57	...	19	–	18	–	–	–	20	199
Farm workers	166	27	...	–	–	27	–	–	–	–	139
Service workers, exc. private household	7 264	3 072	42.3	672	918	1 041	–	124	130	187	4 192
Private household workers	849	276	32.5	–	105	56	–	57	18	40	573
COLLEGE 1 TO 3 YEARS											
Female employed, 45 to 54 years old	**9 410**	**4 697**	**49.9**	**2 432**	**1 085**	**536**	**22**	**96**	**177**	**349**	**4 713**
Professional, technical, and kindred workers	2 190	1 110	50.7	298	584	106	22	–	34	66	1 080
Managers and administrators, exc. farm	704	322	45.7	210	21	20	–	–	30	41	382
Sales workers	653	250	38.3	164	–	49	–	–	–	37	403
Clerical and kindred workers	3 884	2 042	52.6	1 540	124	172	–	44	55	107	1 842
Craftsmen, foremen, and kindred workers	97	19	...	–	–	19	–	–	–	–	78
Operatives, except transport	907	374	41.2	95	71	87	–	23	40	58	533
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	25	–	–	–	–	–	–	–	–	–	25
Farm workers	19	–	–	–	–	–	–	–	–	–	19
Service workers, exc. private household	832	558	67.1	125	285	83	–	29	18	18	274
Private household workers	99	22	...	–	–	–	–	–	–	22	77
COLLEGE 4 YEARS OR MORE											
Female employed, 45 to 54 years old	**7 662**	**2 818**	**36.8**	**778**	**672**	**66**	**23**	**92**	**864**	**323**	**4 844**
Professional, technical, and kindred workers	4 708	1 626	34.5	350	542	44	23	75	379	213	3 082
Managers and administrators, exc. farm	330	72	...	26	46	–	–	–	–	–	258
Sales workers	192	126	...	22	21	–	–	–	83	–	66
Clerical and kindred workers	1 347	580	43.1	304	23	22	–	–	202	29	767
Craftsmen, foremen, and kindred workers	18	–	–	–	–	–	–	–	–	–	18
Operatives, except transport	742	221	29.8	58	–	–	–	17	108	38	521
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	12	–	–	–	–	–	–	–	–	–	12
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	283	183	...	18	40	–	–	–	82	43	100
Private household workers	30	10	...	–	–	–	–	–	10	–	20

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 55 to 64 years old	**68 490**	**13 932**	**20.3**	**4 753**	**2 566**	**2 587**	**79**	**219**	**488**	**3 240**	**54 558**
Professional, technical, and kindred workers	3 130	1 667	53.3	208	1 143	30	–	–	90	196	1 463
Managers and administrators, exc. farm	2 544	704	27.7	488	60	21	–	–	97	38	1 840
Sales workers	3 982	743	18.7	335	59	47	20	25	20	237	3 239
Clerical and kindred workers	9 805	3 786	38.6	3 004	92	255	–	–	–	435	6 019
Craftsmen, foremen, and kindred workers	1 565	216	13.8	22	–	112	–	–	–	82	1 349
Operatives, except transport	21 098	2 873	13.6	288	143	1 091	59	65	147	1 080	18 225
Transport equipment operatives	190	89	...	–	39	14	–	–	–	36	101
Laborers, except farm	960	79	8.2	–	–	19	–	–	–	60	881
Farm workers	1 409	172	12.2	25	–	–	–	–	–	147	1 237
Service workers, exc. private household	15 993	3 140	19.6	383	970	890	–	106	89	702	12 853
Private household workers	7 814	463	5.9	–	60	108	–	23	45	227	7 351
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 55 to 64 years old	**51 926**	**7 100**	**13.7**	**1 364**	**1 186**	**1 722**	**79**	**182**	**137**	**2 430**	**44 826**
Professional, technical, and kindred workers	1 285	520	40.5	89	341	–	–	–	–	90	765
Managers and administrators, exc. farm	1 617	249	15.4	152	38	21	–	–	–	38	1 368
Sales workers	2 684	401	14.9	140	19	34	20	25	20	143	2 283
Clerical and kindred workers	4 005	1 060	26.5	652	51	108	–	–	–	249	2 945
Craftsmen, foremen, and kindred workers	1 177	155	13.2	–	–	91	–	–	–	64	1 022
Operatives, except transport	18 367	2 188	11.9	218	83	837	59	44	56	891	16 179
Transport equipment operatives	190	89	...	–	39	14	–	–	–	36	101
Laborers, except farm	813	79	9.7	–	–	19	–	–	–	60	734
Farm workers	1 280	125	9.8	–	–	–	–	–	–	125	1 155
Service workers, exc. private household	13 253	1 895	14.3	113	595	526	–	90	42	529	11 358
Private household workers	7 255	339	4.7	–	20	72	–	23	19	205	6 916
HIGH SCHOOL 4 YEARS											
Female employed, 55 to 64 years old	**12 819**	**4 813**	**37.5**	**2 534**	**769**	**670**	**–**	**21**	**257**	**562**	**8 006**
Professional, technical, and kindred workers	923	561	60.8	84	389	–	–	–	44	44	362
Managers and administrators, exc. farm	660	227	34.4	152	–	–	–	–	75	–	433
Sales workers	1 169	295	25.2	178	40	13	–	–	–	64	874
Clerical and kindred workers	4 487	2 114	47.1	1 797	21	132	–	–	–	164	2 373
Craftsmen, foremen, and kindred workers	305	39	...	–	–	21	–	–	–	18	266
Operatives, except transport	2 344	573	24.4	70	19	234	–	21	91	138	1 771
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	147	–	–	–	–	–	–	–	–	–	147
Farm workers	62	25	...	25	–	–	–	–	–	–	37
Service workers, exc. private household	2 246	881	39.2	228	260	234	–	–	47	112	1 365
Private household workers	476	98	20.6	–	40	36	–	–	–	22	378
COLLEGE 1 TO 3 YEARS											
Female employed, 55 to 64 years old	**3 745**	**2 019**	**53.9**	**855**	**611**	**195**	**–**	**16**	**94**	**248**	**1 726**
Professional, technical, and kindred workers	922	586	63.6	35	413	30	–	–	46	62	336
Managers and administrators, exc. farm	267	228	...	184	22	–	–	–	22	–	39
Sales workers	129	47	...	17	–	–	–	–	–	30	82
Clerical and kindred workers	1 313	612	46.6	555	20	15	–	–	–	22	701
Craftsmen, foremen, and kindred workers	83	22	...	22	–	–	–	–	–	–	61
Operatives, except transport	387	112	...	–	41	20	–	–	–	51	275
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	67	22	...	–	–	–	–	–	–	22	45
Service workers, exc. private household	494	364	73.7	42	115	130	–	16	–	61	130
Private household workers	83	26	...	–	–	–	–	–	26	–	57
COLLEGE 4 YEARS OR MORE											
Female employed, 55 to 64 years old	**3 737**	**1 177**	**31.5**	**96**	**271**	**63**	**–**	**43**	**483**	**221**	**2 560**
Professional, technical, and kindred workers	2 290	557	24.3	25	159	–	–	24	244	105	1 733
Managers and administrators, exc. farm	138	81	...	–	22	–	–	–	–	59	57
Sales workers	59	–	–	–	–	–	–	–	–	–	59
Clerical and kindred workers	543	227	41.8	49	52	–	–	–	106	20	316
Craftsmen, foremen, and kindred workers	83	47	...	–	–	47	–	–	–	–	36
Operatives, except transport	426	167	39.2	–	–	16	–	–	114	37	259
Transport equipment operatives	37	–	–	–	–	–	–	–	–	–	37
Laborers, except farm	38	38	...	–	–	–	–	19	19	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	81	39	...	22	17	–	–	–	–	–	42
Private household workers	42	21	...	–	21	–	–	–	–	–	21

Table 8. **Occupation of Employed Persons of Spanish Origin 16 Years Old and Over by Field of Vocational Training, Years of School Completed, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
LESS THAN 4 YEARS OF COLLEGE											
Female employed, 65 years old and over	**15 431**	**3 282**	**21.3**	**872**	**376**	**443**	**79**	**36**	**151**	**1 325**	**12 149**
Professional, technical, and kindred workers	816	409	50.1	97	179	22	40	–	58	13	407
Managers and administrators, exc. farm	752	135	18.0	78	–	21	–	–	–	36	617
Sales workers	982	195	19.9	26	–	17	–	–	–	152	787
Clerical and kindred workers	2 263	848	37.5	530	–	31	21	19	38	209	1 415
Craftsmen, foremen, and kindred workers	464	122	26.3	23	–	65	–	–	–	34	342
Operatives, except transport	3 956	506	12.8	19	–	119	18	–	33	317	3 450
Transport equipment operatives	88	57	...	–	–	–	–	–	–	57	31
Laborers, except farm	327	57	...	–	16	18	–	–	–	23	270
Farm workers	255	25	...	–	–	–	–	–	–	25	230
Service workers, exc. private household	3 223	740	23.0	76	181	131	–	–	22	330	2 483
Private household workers	2 305	188	8.2	23	–	19	–	17	–	129	2 117
ELEMENTARY 0 TO HIGH SCHOOL 3 YEARS											
Female employed, 65 years old and over	**11 610**	**1 814**	**15.6**	**256**	**209**	**192**	**39**	**19**	**75**	**1 024**	**9 796**
Professional, technical, and kindred workers	316	133	...	26	66	–	21	–	20	–	183
Managers and administrators, exc. farm	424	53	12.5	17	–	–	–	–	–	36	371
Sales workers	579	112	19.3	–	–	–	–	–	–	112	467
Clerical and kindred workers	1 061	320	30.2	148	–	12	–	19	–	141	741
Craftsmen, foremen, and kindred workers	400	79	19.8	23	–	22	–	–	–	34	321
Operatives, except transport	3 406	353	10.4	–	–	98	18	–	33	204	3 053
Transport equipment operatives	68	57	...	–	–	–	–	–	–	57	11
Laborers, except farm	304	34	...	–	16	18	–	–	–	–	270
Farm workers	241	25	...	–	–	–	–	–	–	25	216
Service workers, exc. private household	2 598	477	18.4	19	127	23	–	–	22	286	2 121
Private household workers	2 213	171	7.7	23	–	19	–	–	–	129	2 042
HIGH SCHOOL 4 YEARS											
Female employed, 65 years old and over	**2 585**	**882**	**34.1**	**375**	**97**	**124**	**40**	**17**	**38**	**191**	**1 703**
Professional, technical, and kindred workers	167	77	...	15	43	–	19	–	–	–	90
Managers and administrators, exc. farm	249	62	...	41	–	21	–	–	–	–	187
Sales workers	314	62	...	26	–	17	–	–	–	19	252
Clerical and kindred workers	801	377	47.1	261	–	19	21	–	38	38	424
Craftsmen, foremen, and kindred workers	21	–	–	–	–	–	–	–	–	–	21
Operatives, except transport	487	130	26.7	19	–	21	–	–	–	90	357
Transport equipment operatives	20	–	–	–	–	–	–	–	–	–	20
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	14	–	–	–	–	–	–	–	–	–	14
Service workers, exc. private household	420	157	37.4	13	54	46	–	–	–	44	263
Private household workers	92	17	...	–	–	–	–	17	–	–	75
COLLEGE 1 TO 3 YEARS											
Female employed, 65 years old and over	**1 236**	**586**	**47.4**	**241**	**70**	**127**	**–**	**–**	**38**	**110**	**650**
Professional, technical, and kindred workers	333	199	...	56	70	22	–	–	38	13	134
Managers and administrators, exc. farm	79	20	...	20	–	–	–	–	–	–	59
Sales workers	89	21	...	–	–	–	–	–	–	21	68
Clerical and kindred workers	401	151	37.7	121	–	–	–	–	–	30	250
Craftsmen, foremen, and kindred workers	43	43	...	–	–	43	–	–	–	–	–
Operatives, except transport	63	23	...	–	–	–	–	–	–	23	40
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	23	23	...	–	–	–	–	–	–	23	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	205	106	...	44	–	62	–	–	–	–	99
Private household workers	–	–	–	–	–	–	–	–	–	–	–
COLLEGE 4 YEARS OR MORE											
Female employed, 65 years old and over	**846**	**235**	**27.8**	**31**	**20**	**30**	**–**	**–**	**113**	**41**	**611**
Professional, technical, and kindred workers	567	171	30.2	18	20	30	–	–	62	41	396
Managers and administrators, exc. farm	15	–	–	–	–	–	–	–	–	–	15
Sales workers	49	9	...	–	–	–	–	–	9	–	40
Clerical and kindred workers	116	34	...	13	–	–	–	–	21	–	82
Craftsmen, foremen, and kindred workers	21	21	...	–	–	–	–	–	21	–	–
Operatives, except transport	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	–	–	–	–	–	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–
Service workers, exc. private household	20	–	–	–	–	–	–	–	–	–	20
Private household workers	58	–	–	–	–	–	–	–	–	–	58

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over	**66 898 563**	**19 840 507**	**29.7**	**4 698 543**	**1 606 852**	**7 390 987**	**1 274 505**	**489 171**	**764 225**	**3 616 224**	**47 058 056**
Professional, technical, and kindred workers	**4 995 738**	**2 490 275**	**49.8**	**366 692**	**741 234**	**437 954**	**489 523**	**24 300**	**126 224**	**304 348**	**2 505 463**
Accountants	405 229	161 035	39.7	125 905	2 499	15 077	5 651	816	3 619	7 468	244 194
Architects	14 301	6 149	43.0	447	18	1 260	3 302	337	239	546	8 152
Computer specialists	143 317	75 329	52.6	45 542	481	10 532	11 076	186	4 624	2 888	67 988
Computer programers	95 671	52 443	54.8	32 916	314	6 824	6 561	143	3 506	2 179	43 228
Computer systems analysts	40 770	19 217	47.1	11 047	124	3 023	3 316	43	1 040	624	21 553
Computer specialist, n.e.c	6 876	3 669	53.4	1 579	43	685	1 199	–	78	85	3 207
Engineers	511 206	277 183	54.2	15 183	1 355	77 820	167 461	1 444	5 952	7 968	234 023
Aeronautical and astronautical	24 509	15 078	61.5	543	40	4 059	9 730	–	326	380	9 431
Chemical	7 029	2 974	42.3	257	19	777	1 778	–	38	105	4 055
Civil	69 571	28 677	41.2	1 091	140	6 392	18 758	275	728	1 293	40 894
Electrical and electronic	112 667	67 919	60.3	1 583	143	18 116	45 155	140	1 160	1 622	44 748
Industrial	100 670	52 646	52.3	5 907	346	18 229	24 770	427	1 346	1 621	48 024
Mechanical	75 634	44 122	58.3	1 142	201	12 207	28 634	215	800	923	31 512
Metallurgical and materials	4 961	2 376	47.9	99	85	768	1 381	–	–	43	2 585
Mining	1 650	592	35.9	–	21	220	311	–	–	40	1 058
Petroleum	2 611	966	37.0	98	–	257	512	–	18	81	1 645
Sales	28 093	14 229	50.6	1 830	62	4 245	7 121	90	485	396	13 864
Engineers, n.e.c	83 811	47 604	56.8	2 633	298	12 550	29 311	297	1 051	1 464	36 207
Farm management advisors	940	153	16.3	–	–	55	51	47	–	–	787
Foresters and conservationists	23 442	5 848	24.9	581	36	2 092	407	1 858	459	415	17 594
Home management advisors	1 256	456	36.3	42	90	19	–	224	22	59	800
Lawyers and judges	21 370	5 657	26.5	2 627	121	762	290	100	698	1 059	15 713
Judges	3 404	965	28.3	421	43	234	41	100	44	82	2 439
Lawyers	17 966	4 692	26.1	2 206	78	528	249	–	654	977	13 274
Librarians, archivists, and curators	47 267	10 199	21.6	5 515	626	1 077	325	135	1 519	1 002	37 068
Librarians	43 792	9 193	21.0	5 338	537	688	215	113	1 415	887	34 599
Archivists and curators	3 475	1 006	28.9	177	89	389	110	22	104	115	2 469
Mathematical specialists	13 201	4 425	33.5	2 967	98	610	377	22	87	264	8 776
Actuaries	1 253	275	21.9	213	–	39	23	–	–	–	978
Mathematicians	1 130	170	15.0	71	–	64	20	–	–	15	960
Statisticians	10 818	3 980	36.8	2 683	98	507	334	22	87	249	6 838
Life and physical scientists	48 106	17 747	36.9	1 769	2 111	4 917	5 890	897	1 106	1 057	30 359
Agricultural	5 424	1 909	35.2	384	17	483	177	649	124	75	3 515
Atmospheric and space	2 657	1 591	59.9	94	21	453	857	–	142	24	1 066
Biological	5 202	2 184	42.0	118	1 050	391	284	57	188	96	3 018
Chemists	29 492	9 648	32.7	936	884	2 876	3 486	191	610	665	19 844
Geologists	2 026	746	36.8	149	21	132	308	–	20	116	1 280
Marine	824	400	48.5	68	–	122	189	–	–	21	424
Physicists and astronomers	2 238	1 176	52.5	20	102	424	548	–	22	60	1 062
Life and physical, n.e.c	243	93	...	–	16	36	41	–	–	–	150
Operations and systems researchers and analysts	49 078	21 011	42.8	6 943	561	7 792	3 712	67	977	959	28 067
Personnel and labor relations workers	177 601	61 081	34.4	29 741	2 142	17 029	5 071	604	3 013	3 481	116 520
Physicians, dentists, and related practitioners	52 419	20 488	39.1	1 499	12 685	1 193	727	208	1 400	2 776	31 931
Chiropractors	2 494	1 452	58.2	34	987	52	70	–	60	249	1 042
Dentists	4 986	2 132	42.8	78	1 309	228	151	24	92	250	2 854
Optometrists	2 616	1 098	42.0	72	660	137	20	–	140	69	1 518
Pharmacists	28 310	8 942	31.6	915	5 487	390	202	40	568	1 340	19 368
Physicians, medical and osteopathic	11 425	5 738	50.2	359	3 741	240	269	62	384	683	5 687
Podiatrists	1 157	611	52.8	–	277	40	15	–	156	123	546
Veterinarians	1 140	369	32.4	19	143	84	–	82	–	41	771
Health practitioners, n.e.c	291	146	...	22	81	22	–	–	–	21	145

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Professional, technical, and kindred workers—Continued											
Registered nurses, dieticians, and therapists	761 014	609 229	80.1	8 006	582 313	4 623	582	2 549	1 956	9 200	151 785
Dietitians	24 758	6 972	28.2	1 076	2 464	825	–	1 677	470	460	17 786
Registered nurses	702 651	585 237	83.3	5 724	567 539	2 034	349	780	899	7 912	117 414
Therapists	33 605	17 020	50.6	1 206	12 310	1 764	233	92	587	828	16 585
Health technologists and technicians	192 750	120 650	62.6	5 664	95 646	4 850	7 996	351	2 798	3 345	72 100
Clinical laboratory technologists and technicians	75 529	47 304	62.6	1 746	37 040	1 732	4 359	106	843	1 478	28 225
Dental hygienists	13 078	8 704	66.6	82	7 909	190	115	–	122	286	4 374
Health record technologists and technicians	7 415	3 627	48.9	1 290	1 790	112	83	–	210	142	3 788
Radiologic technologists and technicians	49 582	38 565	77.8	831	33 022	834	2 297	62	879	640	11 017
Therapy assistants	2 401	729	30.4	67	452	140	15	–	–	55	1 672
Health technologists and technicians, n.e.c	44 745	21 721	48.5	1 648	15 433	1 842	1 127	183	744	744	23 024
Religious workers	79 926	24 642	30.8	3 944	1 069	5 713	798	670	10 049	2 399	55 284
Clergymen	61 734	19 139	31.0	2 120	340	4 852	611	506	8 828	1 882	42 595
Religious workers, n.e.c	18 192	5 503	30.2	1 824	729	861	187	164	1 221	517	12 689
Social scientists	23 701	8 437	35.6	3 015	640	2 107	1 751	106	360	458	15 264
Economists	18 106	6 196	34.2	2 529	199	1 579	1 225	84	222	358	11 910
Political scientists	208	20	...	–	–	20	–	–	–	–	188
Psycologists	1 864	683	36.6	140	336	87	–	–	61	59	1 181
Sociologists	232	148	...	21	41	24	62	–	–	–	84
Urban and regional planners	2 188	929	42.5	224	47	193	344	22	77	22	1 259
Social scientists, n.e.c	1 103	461	41.8	101	17	204	120	–	–	19	642
Social and recreation workers	102 415	26 375	25.8	9 515	3 606	5 194	1 107	776	3 457	2 720	76 040
Social	69 061	19 932	28.9	7 684	2 810	3 423	727	629	2 659	2 000	49 129
Recreation	33 354	6 443	19.3	1 831	796	1 771	380	147	798	720	26 911
Teachers, college and university	50 319	14 614	29.0	2 469	2 735	4 193	1 826	483	1 314	1 594	35 705
Agriculture	267	61	...	–	24	37	–	–	–	–	206
Atmospheric, earth, marine, and space	274	63	...	–	–	–	45	–	–	18	211
Biology	1 059	175	16.5	22	44	27	36	–	21	25	884
Chemistry	498	110	22.1	–	19	–	23	22	20	26	388
Physics	1 486	842	56.7	56	–	423	363	–	–	–	644
Engineering	1 612	909	56.4	69	–	378	360	–	82	20	703
Mathematics	1 760	442	25.1	129	27	72	92	24	45	53	1 318
Health specialities	3 583	2 345	65.4	188	1 726	125	124	83	27	72	1 238
Psychology	330	46	...	–	–	–	–	–	–	46	284
Business and commerce	741	315	42.5	251	–	22	–	–	42	–	426
Economics	139	57	...	–	–	42	–	–	–	15	82
History	362	74	...	–	15	22	–	–	–	37	288
Sociology	197	66	...	40	–	–	–	–	26	–	131
Social science teachers, n.e.c	425	104	24.5	33	22	19	–	–	–	30	321
Art, drama, and music	3 727	977	26.2	47	94	179	–	22	552	83	2 750
Coaches and physical education	2 060	317	15.4	62	23	40	43	21	46	82	1 743
Education	239	80	...	–	–	42	18	–	–	20	159
English	1 369	329	24.0	90	–	44	35	–	–	160	1 040
Foreign language	1 754	348	19.8	111	–	41	–	23	40	133	1 406
Home economics	562	259	46.1	39	20	135	–	22	23	20	303
Law	78	40	...	20	–	–	–	–	–	20	38
Theology	305	68	...	28	–	–	–	19	–	21	237
Trade, industrial and technical	1 441	840	58.3	38	38	653	111	–	–	–	601
Miscellaneous teachers, college and university	989	357	36.1	38	80	101	67	25	46	–	632
Teachers, college and university, subject not specified	25 062	5 390	21.5	1 208	603	1 791	509	222	344	713	19 672

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Professional, technical, and kindred workers—Continued											
Teachers, except college and university	474 236	125 405	26.4	25 093	11 303	31 345	6 086	3 384	29 647	18 547	348 831
Adult education	26 364	13 587	51.5	2 670	561	6 914	2 032	179	798	433	12 777
Elementary school	218 787	42 339	19.4	8 947	3 450	4 726	854	1 200	13 098	10 064	176 448
Public	149 026	28 554	19.2	5 848	2 178	3 372	568	878	8 097	7 613	120 472
Private	69 761	13 785	19.8	3 099	1 272	1 354	286	322	5 001	2 451	55 976
Prekindergarten and kindergarten	62 362	14 103	22.6	4 839	1 960	1 352	135	480	3 405	1 932	48 259
Public	17 048	4 077	23.9	961	478	430	23	117	1 193	875	12 971
Private	45 314	10 026	22.1	3 878	1 482	922	112	363	2 212	1 057	35 288
Secondary school	68 906	22 726	33.0	2 974	1 394	9 101	1 980	918	3 076	3 283	46 180
Public	51 344	17 593	34.3	2 098	1 184	7 724	1 285	701	2 025	2 576	33 751
Private	17 562	5 133	29.2	876	210	1 377	695	217	1 051	707	12 429
Teachers, except college and university, n.e.c	97 817	32 650	33.4	5 663	3 938	9 252	1 085	607	9 270	2 835	65 167
Engineering and science technicians	734 241	372 187	50.7	17 911	6 897	111 838	209 914	4 121	10 628	10 878	362 054
Agriculture and biological, except health	27 501	7 647	27.8	930	946	2 058	1 082	1 528	439	664	19 854
Chemical	47 439	13 408	28.3	1 363	965	4 524	4 607	286	885	778	34 031
Draftsmen	263 724	150 222	57.0	4 874	597	24 283	114 045	420	2 482	3 521	113 502
Electrical and electronic engineering	151 405	107 972	71.3	3 114	550	46 075	52 450	329	3 211	2 243	43 433
Industrial engineering	19 387	8 533	44.0	1 168	296	3 877	2 389	85	407	311	10 854
Mechanical engineering	11 539	6 505	56.4	259	83	3 074	2 687	24	167	211	5 034
Mathematical	438	183	41.8	37	–	68	41	–	37	–	255
Surveyors	54 159	16 485	30.4	1 116	37	4 541	8 634	435	790	932	37 674
Engineering and science, n.e.c	158 649	61 232	38.6	5 050	3 423	23 338	23 979	1 014	2 210	2 218	97 417
Technicians, except health, and engineering and science	132 481	72 892	55.0	6 285	2 488	40 434	11 445	774	7 880	3 586	59 589
Airplane pilots	37 461	24 154	64.5	514	66	16 657	1 865	270	3 496	1 286	13 307
Air traffic controllers	23 621	14 912	63.1	1 104	23	9 165	1 359	21	2 432	808	8 709
Embalmers	4 017	2 751	68.5	732	1 039	343	22	–	376	239	1 266
Flight engineers	4 691	3 544	75.5	22	–	2 723	471	25	179	124	1 147
Radio operators	26 919	10 554	39.2	1 919	204	4 407	2 657	143	692	532	16 365
Tool programers, numerical control	2 265	1 357	59.9	287	19	577	422	–	16	36	908
Technicians, n.e.c	33 507	15 620	46.6	1 707	1 137	6 562	4 649	315	689	561	17 887
Vocational and educational counselors	21 417	5 604	26.2	1 587	665	1 447	331	144	578	852	15 813
Writers, artists, and entertainers	511 322	179 111	35.0	28 551	3 823	66 624	34 212	2 799	30 619	12 483	332 211
Actors	6 227	1 864	29.9	213	480	352	21	–	659	139	4 363
Athletes and kindred workers	41 122	8 357	20.3	1 804	443	2 811	605	162	1 440	1 092	32 765
Authors	12 007	5 140	42.8	780	42	1 614	2 004	47	532	121	6 867
Dancers	5 389	1 142	21.2	345	78	285	27	–	330	77	4 247
Designers	75 648	38 951	51.5	2 561	362	12 503	17 956	1 331	2 496	1 742	36 697
Editors and reporters	70 274	17 817	25.4	7 173	450	4 810	1 517	95	2 229	1 543	52 457
Musicians and composers	69 817	13 689	19.6	2 697	534	3 040	767	253	4 768	1 630	56 128
Painters and sculptors	75 190	33 352	44.4	2 658	324	14 100	2 928	306	10 357	2 679	41 838
Photographers	56 598	24 567	43.4	1 632	381	17 253	1 547	121	2 415	1 218	32 031
Public relations men and publicity writers	39 675	12 506	31.5	5 834	281	3 268	1 047	188	1 042	846	27 169
Radio and television announcers	17 508	6 436	36.8	487	46	2 028	1 062	49	2 307	457	11 072
Writers, artists, and entertainers, n.e.c	41 867	15 290	36.5	2 367	402	4 560	4 731	247	2 044	939	26 577
Research workers, not specified	32 648	10 021	30.7	2 211	755	3 212	2 606	261	421	555	22 627
Professional, technical, and kindred workers—allocated	370 535	254 347	68.6	13 680	6 471	16 139	6 529	937	2 802	207 789	116 188

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued	**4 898 759**	**1 589 744**	**32.5**	**495 150**	**50 200**	**587 306**	**143 791**	**41 078**	**78 697**	**193 522**	**3 309 015**
Managers and administrators, except farm	24 631	7 156	29.1	4 210	165	1 380	306	296	423	376	17 475
Assessors, controllers, and treasurers; local public administration	201 353	68 161	33.9	49 126	960	8 580	2 382	425	2 499	4 189	133 192
Bank officiers and financial managers	18 948	3 090	16.3	715	47	905	115	854	204	250	15 858
Buyers and shippers, farm products	147 198	37 183	25.3	16 583	1 030	10 885	2 006	819	1 938	3 922	110 015
Buyers, wholesale and retail trade	48 953	16 569	33.8	11 288	487	2 518	687	178	569	842	32 384
Credit men	30 239	17 786	58.8	4 444	5 528	3 293	380	104	2 755	1 282	12 453
Funeral directors	48 814	23 328	47.8	5 968	10 720	3 161	1 101	544	734	1 100	25 486
Health administrators	17 602	9 215	52.4	629	58	6 247	1 441	146	375	319	8 387
Construction inspectors; public administration	68 335	28 941	42.4	4 626	571	14 414	3 345	2 872	1 735	1 378	39 394
Inspectors, except construction; public administration	41 752	18 526	44.4	2 950	340	9 641	2 144	1 638	1 140	673	23 226
Federal public administration and postal service	17 424	6 491	37.3	1 067	189	2 625	682	1 078	367	483	10 933
State public administration	9 159	3 924	42.8	609	42	2 148	519	156	228	222	5 235
Local public administration	74 207	22 461	30.3	8 212	1 214	7 913	1 515	516	1 353	1 738	51 746
Managers and superintendents, building	177 215	65 861	37.2	46 883	1 856	8 851	2 529	791	1 627	3 324	111 354
Office managers, n.e.c	22 982	6 366	27.7	541	84	3 447	512	100	978	704	16 616
Officers, pilots, and pursers; ship	161 556	60 117	37.2	23 302	1 528	19 911	5 981	2 263	3 661	3 471	101 439
Officials and administrators; public administration, n.e.c	71 185	29 443	41.4	11 818	526	9 955	3 262	534	1 772	1 576	41 742
Federal public administration and postal service	30 999	11 476	37.0	3 718	354	4 048	953	976	835	592	19 523
State public administration	59 372	19 198	32.3	7 766	648	5 908	1 766	753	1 054	1 303	40 174
Local public administration	35 104	12 403	35.3	3 077	262	6 541	677	310	706	830	22 701
Officials of lodges, societies, and unions	31 709	8 272	26.1	2 972	241	2 998	320	673	576	492	23 437
Postmasters and mail superintendents	124 692	44 006	35.3	20 192	1 036	12 970	5 199	649	1 831	2 129	80 686
Purchasing agents and buyers, n.e.c	40 646	7 333	18.0	907	62	4 126	595	98	583	962	33 313
Railroad conductors	301 315	69 200	23.0	20 240	3 189	24 186	3 861	5 349	4 891	7 484	232 115
Restaurant, cafeteria, and bar managers	183 072	46 855	25.6	17 213	1 518	16 472	3 164	1 380	3 024	4 084	136 217
Sales managers and department heads, retail trade	162 251	55 045	33.9	20 827	1 232	16 625	8 182	895	3 802	3 482	107 206
Sales managers, except retail trade	8 882	2 687	30.3	1 020	120	813	357	21	97	259	6 195
School administrators, college	18 392	5 503	29.9	1 619	480	1 225	334	339	767	739	12 889
School administrators, elementary and secondary	1 937 537	634 548	32.8	178 065	11 651	277 604	78 720	13 457	31 615	43 436	1 302 989
Managers and administrators, n.e.c., salaried	205 380	77 617	37.8	6 652	446	51 351	11 306	1 475	2 380	4 007	127 763
Construction	241 286	101 944	42.3	21 471	929	46 202	24 002	940	3 460	4 940	139 342
Durable goods manufacturing	175 124	56 811	32.4	17 929	730	22 778	6 746	1 241	3 381	4 006	118 313
Nondurable goods manufacturing, including not specified	110 175	36 137	32.8	13 751	505	13 913	2 612	622	2 343	2 391	74 038
Transportation	76 786	29 568	38.5	5 714	198	14 065	5 768	419	1 842	1 562	47 218
Communications, and utilities and sanitary services	172 227	54 740	31.8	18 449	962	21 259	5 879	1 506	2 437	4 248	117 487
Wholesale trade	576 694	155 898	27.0	47 679	3 897	66 763	10 380	4 964	8 719	13 496	420 796
Retail trade	41 443	12 235	29.5	3 610	157	5 462	850	431	659	1 066	29 208
Hardware, farm equipment, and building material retailing	79 770	20 714	26.0	8 774	508	6 398	1 185	509	1 533	1 807	59 056
General merchandise stores	130 191	28 322	21.8	10 098	850	10 131	1 517	982	1 988	2 756	101 869
Food stores	87 561	30 033	34.3	6 469	299	18 128	2 164	372	1 107	1 494	57 528
Motor vehicles and accessories retailing	62 765	16 458	26.2	2 806	227	9 562	1 007	714	712	1 430	46 307
Gasoline service stations	47 549	10 930	23.0	4 852	666	2 614	610	204	452	1 532	36 619
Apparel and accessories stores	32 972	11 231	34.1	3 057	133	4 952	1 173	386	703	827	21 741
Furniture, home furnishings, and equipment stores	94 443	25 975	27.5	8 013	1 057	9 516	1 874	1 366	1 565	2 584	68 468
Other retail trade											

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Managers and administrators, except farm—Continued											
Managers and administrators, n.e.c., salaried—Continued											
Finance, insurance, and real estate	94 198	30 728	32.6	17 330	819	6 608	2 054	389	1 627	1 901	63 470
Business and repair services	86 003	31 204	36.3	8 870	620	14 181	3 517	186	1 618	2 212	54 799
Personal services	81 683	22 747	27.8	7 893	1 073	8 695	1 416	365	1 459	1 846	58 936
All other industries	117 981	37 154	31.5	12 327	1 472	11 789	5 040	1 350	2 349	2 827	80 827
Managers and administrators, n.e.c., self-employed	817 753	220 029	26.9	46 099	4 860	117 971	15 824	7 238	10 333	17 704	597 724
Construction	129 406	41 408	32.0	3 295	194	29 057	3 853	976	1 632	2 401	87 998
Durable goods manufacturing	33 863	10 273	30.3	1 465	151	5 562	1 619	148	332	996	23 590
Nondurable goods manufacturing, including not specified	23 294	6 657	28.6	1 329	63	3 404	654	284	339	584	16 637
Transportation	19 010	4 441	23.4	1 134	38	2 063	331	142	257	476	14 569
Communications, and utilities and sanitary services	2 339	368	15.7	84	–	104	57	–	79	44	1 971
Wholesale trade	48 749	11 043	22.7	3 338	166	4 600	867	357	510	1 205	37 706
Retail trade	402 781	99 372	24.7	24 001	2 389	51 314	4 995	3 633	4 916	8 124	303 409
Hardware, farm equipment, and building material retailing	25 880	7 156	27.7	1 768	142	3 693	352	262	306	633	18 724
General merchandise stores	21 360	4 406	20.6	1 757	115	1 568	58	209	212	487	16 954
Food stores	112 239	17 689	15.8	5 065	641	7 080	647	981	1 002	2 273	94 550
Motor vehicles and accessories retailing	21 983	6 183	28.1	1 286	134	3 480	409	66	169	639	15 800
Gasoline service stations	98 326	27 846	28.3	3 722	210	18 840	1 415	845	1 199	1 615	70 480
Apparel and accessories stores	21 388	4 941	23.1	2 301	168	1 444	272	137	165	454	16 447
Furniture, home furnishings, and equipment stores	24 288	8 226	33.9	1 559	168	4 846	740	164	342	407	16 062
Other retail trade	77 317	22 925	29.7	6 543	811	10 363	1 102	969	1 521	1 616	54 392
Finance, insurance, and real estate	14 777	4 615	31.2	2 596	174	840	208	134	251	412	10 162
Business and repair services	44 039	15 721	35.7	2 573	173	9 762	1 220	376	621	996	28 318
Personal services	67 359	17 918	26.6	4 428	995	8 441	1 182	559	846	1 467	49 441
All other industries	32 136	8 213	25.6	1 856	517	2 824	838	629	550	999	23 923
Managers and administrators, except farm—allocated	195 373	117 629	60.2	6 392	1 301	14 270	4 258	761	1 621	89 026	77 744
Sales workers	**4 789 657**	**1 227 980**	**25.6**	**436 326**	**43 151**	**328 996**	**71 916**	**25 140**	**62 161**	**260 290**	**3 561 677**
Advertising agents and salesmen	45 314	13 008	28.7	5 520	154	3 591	1 140	173	1 292	1 138	32 306
Auctioneers	4 941	1 629	33.0	808	–	286	–	124	335	76	3 312
Demonstrators	37 052	9 214	24.9	4 368	800	2 478	153	274	494	647	27 838
Hucksters and peddlers	114 689	23 116	20.2	11 396	2 229	5 144	644	569	1 290	1 844	91 573
Insurance agents, brokers, and underwriters	345 585	125 456	36.3	67 781	2 874	29 030	7 429	2 168	8 523	7 651	220 129
Newsboys	63 266	6 078	9.6	1 556	300	2 376	344	150	336	1 016	57 188
Real estate agents and brokers	206 853	87 305	42.2	53 371	2 034	15 396	4 341	1 098	5 333	5 732	119 548
Stock and bond salesmen	45 800	14 771	32.3	8 308	254	2 722	976	112	1 043	1 356	31 029
Salesmen and sales clerks, n.e.c.	3 629 724	761 847	21.0	275 188	31 597	256 788	54 244	19 778	42 318	81 934	2 867 877
Sales representatives, manufacturing industries	300 965	88 153	29.3	27 882	2 790	32 317	11 638	1 835	5 314	6 377	212 812
Sales representatives, wholesale trade	529 470	145 593	27.5	43 702	4 112	59 328	15 779	3 740	7 799	11 133	383 877
Sales clerks, retail trade	2 179 652	363 776	16.7	152 356	20 183	99 056	12 750	10 242	19 705	49 484	1 815 876
General merchandise retailing	793 659	130 835	16.5	64 384	7 877	28 321	3 133	3 063	6 539	17 518	662 824
Food stores	281 411	37 719	13.4	13 100	2 000	11 922	1 087	1 239	2 012	6 359	243 692
Apparel and accessories stores	386 499	59 562	15.4	28 460	3 570	11 782	1 545	1 018	3 480	9 707	326 937
Other sales clerks, retail trade	718 083	135 660	18.9	46 412	6 736	47 031	6 985	4 922	7 674	15 900	582 423
Salesmen, retail trade	425 353	110 237	25.9	30 745	2 420	48 692	8 945	3 007	6 406	10 022	315 116
Motor vehicles and accessories dealers	197 496	55 426	28.1	14 356	1 006	26 644	4 143	1 442	3 119	4 716	142 070
Salesmen of services and construction	194 284	54 088	27.8	20 503	2 092	17 395	5 132	954	3 094	4 918	140 196
Sales workers—allocated	296 433	185 556	62.6	8 030	2 909	11 185	2 645	694	1 197	158 896	110 877

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Clerical and kindred workers	**13 071 646**	**4 128 123**	**31.6**	**2 601 873**	**146 170**	**528 357**	**79 546**	**40 603**	**109 029**	**622 545**	**8 943 523**
Bank tellers	243 264	59 215	24.3	44 173	1 978	5 008	430	664	1 673	5 289	184 049
Billing clerks	100 529	28 734	28.6	21 809	974	2 789	295	215	626	2 026	71 795
Bookkeepers	1 468 940	465 971	31.7	370 386	14 606	35 812	4 719	3 524	8 977	27 947	1 002 969
Cashiers	813 129	125 096	15.4	66 512	7 263	23 375	1 963	2 820	5 470	17 693	688 033
Clerical assistants, social welfare	1 033	312	30.2	145	43	86	–	–	–	38	721
Clerical supervisors, n.e.c	93 775	32 959	35.1	18 900	867	8 334	2 172	359	995	1 332	60 816
Collectors, bill and account	47 051	12 262	26.1	6 135	477	3 507	513	149	655	826	34 789
Counter clerks, except food	215 994	41 941	19.4	21 546	2 567	9 074	1 435	714	1 938	4 667	174 053
Dispatchers and starters, vehicle	58 006	15 372	26.5	4 898	399	7 117	980	170	658	1 150	42 634
Enumerators and interviewers	57 134	13 881	24.3	7 837	1 619	2 421	476	358	426	744	43 253
Estimators and investigators, n.e.c	216 001	73 846	34.2	31 387	1 479	24 114	8 939	868	2 943	4 116	142 155
Expediters and production controllers	183 560	57 826	31.5	21 867	1 150	22 380	5 048	1 058	2 918	3 405	125 734
File clerks	350 619	79 633	22.7	52 268	3 997	10 477	1 503	1 015	2 238	8 135	270 986
Insurance adjusters, examiners, and investigators	62 434	23 126	37.0	11 376	1 535	6 415	1 099	267	1 280	1 154	39 308
Library attendants and assistants	102 337	17 085	16.7	10 026	1 189	1 671	260	200	1 794	1 945	85 252
Mail carriers, post office	246 559	72 828	29.5	13 439	2 309	40 816	4 447	2 411	4 381	5 025	173 731
Mail handlers, except post office	120 512	26 797	22.2	10 768	924	9 036	900	719	1 292	3 158	93 715
Messengers, including telegraph, and office boys	54 079	8 680	16.1	2 320	287	3 123	478	322	681	1 469	45 399
Meter readers, utilities	32 821	8 385	25.5	1 259	172	4 806	754	244	498	652	24 436
Office machine operators	548 538	257 440	46.9	205 755	3 350	22 429	5 064	1 083	8 562	11 197	291 098
Bookkeeping and billing machine	63 372	20 280	32.0	16 380	372	1 479	103	208	553	1 185	43 092
Calculating machine	35 365	17 718	50.1	15 958	143	740	23	22	208	624	17 647
Computer and peripheral equipment	114 072	58 158	51.0	39 526	481	8 338	3 818	294	3 533	2 168	55 914
Duplicating machine	19 260	4 746	24.6	2 141	308	1 525	110	121	265	276	14 514
Keypunch	272 737	143 380	52.6	123 419	1 616	8 049	759	309	3 448	5 780	129 357
Tabulating machine	8 754	3 779	43.2	2 867	51	452	64	–	136	209	4 975
Office machine, n.e.c	34 978	9 379	26.8	5 464	379	1 846	187	129	419	955	25 599
Payroll and timekeeping clerks	150 675	46 556	30.9	34 376	1 042	6 277	943	312	868	2 738	104 119
Postal clerks	282 764	79 228	28.0	25 322	3 445	33 761	4 051	1 397	4 279	6 973	203 536
Proofreaders	24 838	7 396	29.8	3 167	210	3 039	48	32	418	482	17 442
Real estate appraisers	13 652	5 675	41.6	2 943	84	966	739	58	415	470	7 977
Receptionists	293 753	74 067	25.2	47 077	9 644	8 186	501	894	2 437	5 328	219 686
Secretaries	2 561 822	966 614	37.7	846 168	31 080	27 952	2 562	4 164	11 225	43 463	1 595 208
Secretaries, legal	81 529	36 168	44.4	33 783	394	499	44	271	191	986	45 361
Secretaries, medical	66 187	28 392	42.9	18 431	7 673	632	133	71	408	1 044	37 795
Shipping and receiving clerks	405 620	77 241	19.0	20 299	1 914	35 036	3 942	2 420	4 208	9 422	328 379
Statistical clerks	227 478	65 546	28.8	41 106	3 007	10 983	2 451	677	2 613	4 709	161 932
Stenographers	124 292	57 431	46.2	52 071	607	1 167	114	103	1 427	1 942	66 861
Stock clerks and storekeepers	440 053	99 330	22.6	34 267	3 637	38 673	5 442	2 762	5 505	9 044	340 723
Teacher aides, except school monitors	122 206	26 448	21.6	12 360	3 234	3 935	373	893	2 858	2 795	95 758
Telegraph operators	12 443	4 401	35.4	1 476	98	2 274	110	53	115	275	8 042
Telephone operators	410 378	85 174	20.8	51 217	4 423	14 207	1 095	1 231	3 282	9 719	325 204
Ticket, station, and express agents	90 344	32 541	36.0	13 413	998	12 518	1 007	567	2 464	1 574	57 803
Typists	955 135	299 839	31.4	248 297	8 342	17 146	1 261	1 835	5 086	17 872	655 296
Weighers	38 165	6 298	16.5	1 476	171	2 987	262	375	372	655	31 867
Miscellaneous and not specified clerical workers	1 214 061	331 190	27.3	215 933	15 946	47 763	9 524	4 134	10 513	27 377	882 871
Occupation:											
Miscellaneous clerical workers	427 574	114 527	26.8	62 816	8 136	23 160	5 790	1 592	4 706	8 327	313 047
Not specified clerical workers	786 487	216 663	27.5	153 117	7 810	24 603	3 734	2 542	5 807	19 050	569 824
Industry:											
Manufacturing	204 603	62 828	30.7	38 704	1 144	11 841	3 297	651	2 183	5 008	141 775
Transportation, communications, and other public utilities	157 523	40 449	25.7	26 219	1 184	7 215	1 196	348	1 301	2 986	117 074
Wholesale and retail trade	241 968	54 848	22.7	35 728	2 018	7 940	1 263	947	1 718	5 234	187 120

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. *For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text*]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Clerical and kindred workers—Continued											
Miscellaneous and not specified clerical workers—Continued											
Industry—Continued											
Finance, insurance, and real estate	173 799	47 224	27.2	34 944	1 418	4 452	603	498	1 267	4 042	126 575
Professional and related services	175 206	48 553	27.7	30 505	7 497	4 090	648	701	1 509	3 603	126 653
Public administration	151 098	48 231	31.9	32 344	1 534	6 968	1 280	694	1 452	3 959	102 867
All other industries	109 864	29 057	26.4	17 489	1 151	5 257	1 237	295	1 083	2 545	80 807
Clerical and kindred workers—allocated	687 652	441 759	64.2	28 099	11 103	18 697	3 646	1 536	2 939	375 739	245 893
Craftsmen and kindred workers	**10 412 012**	**4 066 328**	**39.1**	**190 254**	**33 303**	**2 851 926**	**269 940**	**64 724**	**128 492**	**527 689**	**6 345 684**
Automobile accessories installers	6 776	2 086	30.8	61	25	1 552	205	19	63	161	4 690
Bakers	108 185	25 293	23.4	2 520	592	16 009	584	1 184	1 289	3 115	82 892
Cabinetmakers	65 643	22 030	33.6	639	170	17 712	1 017	514	652	1 326	43 613
Carpet installers	44 745	13 441	30.0	774	111	10 378	530	207	531	910	31 304
Construction craftsmen	2 792 456	993 424	35.6	27 046	4 938	815 329	42 115	20 021	27 690	56 285	1 799 032
Brickmasons and stonemasons	164 053	61 073	37.2	812	216	51 852	2 075	599	2 138	3 381	102 980
Brickmasons and stonemasons, apprentices	3 845	1 082	28.1	–	–	846	142	–	21	73	2 763
Bulldozer operators	88 267	13 364	15.1	564	18	8 449	870	1 080	700	1 683	74 903
Carpenters	842 177	250 364	29.7	9 094	1 371	196 776	10 766	8 798	7 413	16 146	591 813
Carpenter apprentices	8 568	2 890	33.7	107	54	2 351	70	19	104	185	5 678
Cement and concrete finishers	67 992	13 690	20.1	419	103	10 091	502	378	782	1 415	54 302
Electricians	473 898	285 290	60.2	4 526	664	251 679	13 695	1 766	4 290	8 670	188 608
Electrician apprentices	21 157	9 165	43.3	172	38	8 026	311	41	201	376	11 992
Excavating, grading, and road machine operators; except bulldozer	226 444	40 033	17.7	1 529	428	25 173	3 852	2 977	1 759	4 315	186 411
Floor layers, except tile setters	20 918	5 751	27.5	282	23	4 510	157	123	176	480	15 167
Painters, construction and maintenance	326 106	78 788	24.2	4 356	889	57 223	2 884	2 195	4 143	7 098	247 318
Painter apprentices	1 482	335	22.6	–	20	269	–	–	29	17	1 147
Paperhangers	10 083	2 801	27.8	203	93	1 936	182	20	137	230	7 282
Plasterers	29 113	10 805	37.1	261	104	9 186	142	65	336	711	18 308
Plasterer apprentices	662	160	24.2	–	21	103	19	–	–	17	502
Plumbers and pipe fitters	380 320	181 980	47.8	3 269	679	160 387	4 525	1 243	3 943	7 934	198 340
Plumber and pipe fitter apprentices	14 546	5 803	39.9	106	22	4 838	263	24	244	306	8 743
Roofers and slaters	58 176	12 371	21.3	377	117	8 930	545	264	495	1 643	45 805
Structural and metal craftsmen	73 669	27 752	37.7	824	191	21 822	1 763	362	887	1 903	45 917
Tile setters	31 240	9 362	30.0	530	42	7 315	157	151	491	676	21 878
Cranesmen, derrickmen, and hoistmen	153 184	30 366	19.8	1 570	339	19 503	2 523	1 179	1 458	3 794	122 818
Decorators and window dressers	65 866	19 755	30.0	4 642	686	7 937	622	1 710	2 654	1 504	46 111
Dental laboratory technicians	25 524	13 412	52.5	438	5 161	4 045	2 412	17	636	703	12 112
Electric power linemen and cablemen	101 526	37 678	37.1	1 238	175	29 970	2 230	723	1 375	1 967	63 848
Engravers, except photoengravers	8 302	2 325	28.0	221	76	1 556	120	44	90	218	5 977
Foremen, n.e.c	1 474 842	490 790	33.3	67 017	5 250	297 167	53 444	11 360	23 675	32 877	984 052
Construction	150 144	50 653	33.7	1 998	218	38 398	3 948	1 489	1 574	3 028	99 491
Manufacturing	856 016	289 485	33.8	39 884	2 713	172 740	35 447	5 628	14 268	18 805	566 531
Metal industries	135 647	47 042	34.7	5 143	312	30 242	5 235	793	2 408	2 909	88 605
Machinery, except electrical	84 955	37 854	44.6	3 648	222	24 477	5 769	446	1 329	1 963	47 101
Electrical machinery, equipment, and supplies	75 388	31 074	41.2	4 107	231	16 990	6 787	432	1 208	1 319	44 314
Transportation equipment	98 750	43 288	43.8	4 691	260	27 893	6 080	573	1 813	1 978	55 462
Other durable goods	127 380	37 776	29.7	5 559	438	21 676	4 569	996	1 835	2 703	89 604
Food and kindred products	62 426	14 551	23.3	2 785	220	7 580	1 032	829	780	1 325	47 875
Textiles, textile products, and apparel	90 557	20 180	22.3	4 649	232	9 434	1 284	679	1 665	2 237	70 377
Other nondurable goods, including not specified manufacturing	180 913	57 720	31.9	9 302	798	34 448	4 691	880	3 230	4 371	123 193

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Craftsmen and kindred workers—*Continued*											
Foremen, n.e.c.—Continued											
Transportation	67 723	22 374	33.0	2 963	194	14 455	1 163	471	1 325	1 803	45 349
Communications, and utilities and sanitary services	77 516	29 046	37.5	3 343	152	17 526	4 370	368	1 329	1 958	48 470
Wholesale and retail trade	163 508	47 315	28.9	11 024	823	23 870	3 876	1 466	2 472	3 784	116 193
All other industries[1]	159 935	51 917	32.5	7 805	1 150	30 178	4 640	1 938	2 707	3 499	108 018
Furniture and wood finishers	21 455	5 220	24.3	379	38	3 360	248	179	406	610	16 235
Furriers	2 678	807	30.1	124	28	587	–	–	50	18	1 871
Glaziers	25 018	8 847	35.4	230	99	7 358	310	95	217	538	16 171
Inspectors, scalers, and graders; log and lumber	17 643	3 268	18.5	227	47	1 737	213	318	312	414	14 375
Inspectors, n.e.c.	109 860	33 265	30.3	3 320	823	18 335	5 996	1 002	1 398	2 391	76 595
Construction	21 593	7 058	32.7	576	35	2 913	2 561	282	242	449	14 535
Railroads and railway express service	23 698	6 611	27.9	247	90	4 872	356	132	276	638	17 087
Jewelers and watchmakers	35 390	18 206	51.4	716	136	15 204	380	108	796	866	17 184
Locomotive engineers	49 712	10 446	21.0	819	46	5 736	1 677	215	775	1 178	39 266
Locomotive firemen	12 688	2 907	22.9	162	43	1 958	132	92	140	380	9 781
Mechanics and repairmen	2 430 911	1 020 262	42.0	29 779	4 301	813 945	82 907	12 782	28 313	48 235	1 410 649
Air conditioning, heating, and refrigeration	117 182	62 017	52.9	1 136	208	52 362	3 822	611	1 384	2 494	55 165
Aircraft	142 105	88 822	62.5	1 683	307	76 368	5 264	797	2 074	2 329	53 283
Automobile body repairmen	107 667	38 968	36.2	685	113	33 215	930	331	1 427	2 267	68 699
Automobile mechanics	807 843	311 837	38.6	6 823	1 087	265 967	11 126	3 648	7 216	15 970	496 006
Automobile mechanic apprentices	3 168	797	25.2	24	–	675	–	19	41	38	2 371
Data processing machine repairmen	30 186	23 183	76.8	1 333	59	9 295	11 260	57	819	360	7 003
Farm implement	32 319	10 760	33.3	342	74	8 164	832	683	235	430	21 559
Heavy equipment mechanics, including diesel	574 734	207 864	36.2	6 234	1 006	166 402	14 398	3 801	5 683	10 340	366 870
Household appliance and accessory installers and mechanics	121 362	45 606	37.6	2 151	343	33 603	4 132	801	1 879	2 697	75 756
Loom fixers	21 149	4 060	19.2	274	24	2 902	146	107	205	402	17 089
Office machine	40 278	24 043	59.7	2 117	59	16 362	3 773	60	703	969	16 235
Radio and television	137 373	87 340	63.6	1 918	346	63 236	15 752	251	2 759	3 078	50 033
Railroad and car shop	54 524	17 364	31.8	532	81	14 025	644	259	704	1 119	37 160
Mechanics, except auto, apprentices	7 187	2 905	40.4	42	19	2 279	265	–	139	161	4 282
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	175 274	73 107	41.7	3 052	385	54 467	7 956	814	2 487	3 946	102 167
Manufacturing	51 549	23 602	45.8	865	66	17 757	2 730	218	972	994	27 947
Not specified mechanics and repairmen	68 915	25 291	36.7	1 499	209	17 577	2 872	562	738	1 834	43 624
Manufacturing	31 617	11 744	37.1	496	41	7 978	1 893	158	326	852	19 873
Metal craftsmen, except mechanics	1 092 370	478 695	43.8	12 238	1 711	399 182	25 572	4 942	12 122	22 928	613 675
Blacksmiths	10 388	3 361	32.4	132	–	2 594	143	125	111	256	7 027
Boilermakers	30 025	11 059	36.8	182	37	8 841	604	170	385	840	18 966
Forgemen and hammermen	15 601	3 250	20.8	198	38	2 155	217	34	189	419	12 351
Heat treaters, annealers, and temperers	21 313	4 158	19.5	294	31	2 690	244	209	155	535	17 155
Job and die setters, metal	83 769	19 787	23.6	1 122	181	13 719	1 408	551	897	1 909	63 982
Machinists	376 114	165 605	44.0	4 660	585	137 368	9 038	1 455	4 452	8 047	210 509
Machinist apprentices	9 734	3 938	40.5	236	–	3 194	211	–	131	166	5 796
Millwrights	79 024	30 506	38.6	695	150	25 218	1 362	518	828	1 735	48 518
Molders, metal	52 385	11 087	21.2	646	113	8 186	555	266	429	892	41 298
Molder apprentices	646	223	34.5	–	–	197	–	–	26	–	423
Pattern and model makers, except paper	37 989	23 356	61.5	387	69	19 417	2 143	220	448	672	14 633
Rollers and finishers, metal	20 241	3 876	19.1	392	58	2 540	118	134	145	489	16 365
Sheetmetal workers and tinsmiths	154 933	77 382	49.9	1 618	226	67 340	2 555	629	1 713	3 301	77 551
Sheetmetal apprentices	5 505	2 268	41.2	103	–	1 859	91	–	92	123	3 237

[1]Includes transportation, communications, and other public utilities—allocated

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—*Continued*

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Metal craftsmen, except mechanics—Continued											
Shipfitters	10 022	3 881	38.7	80	50	3 338	205	89	–	119	6 141
Tool and die makers	200 566	121 387	60.5	1 832	173	105 776	6 980	542	2 370	3 714	79 179
Tool and die maker apprentices	9 256	3 792	41.0	38	–	3 039	210	42	169	294	5 464
Millers; grain, flour, and feed	7 452	1 108	14.9	64	17	428	98	274	40	187	6 344
Motion picture projectionists	15 047	4 815	32.0	262	46	3 484	321	16	341	345	10 232
Opticians, and lens grinders and polishers	26 680	10 959	41.1	1 101	3 557	4 126	616	129	634	796	15 721
Piano and organ tuners and repairmen	6 211	2 876	46.3	61	19	1 893	277	46	470	110	3 335
Power station operators	17 964	7 447	41.5	505	49	4 997	1 241	207	257	191	10 517
Printing craftsmen	384 266	171 698	44.7	12 379	1 175	137 335	3 122	1 305	7 180	9 202	212 568
Bookbinders	33 254	8 006	24.1	1 072	270	5 095	148	159	409	853	25 248
Compositers and typesetters	154 548	74 582	48.3	6 048	301	59 781	1 084	513	3 034	3 821	79 966
Printing trades apprentices, except pressmen	6 043	2 283	37.8	284	–	1 474	60	21	131	313	3 760
Electrotypers and sterotypers	6 820	3 922	57.5	345	–	3 171	–	39	121	246	2 898
Photoengravers and lithographers	32 984	17 964	54.5	832	61	14 797	578	45	874	777	15 020
Pressmen and plate printers, printing	156 660	67 224	42.9	4 082	543	54 491	1 312	549	2 742	3 505	89 436
Pressman apprentices	2 828	729	25.8	21	–	621	–	–	70	17	2 099
Shoe repairmen	29 797	7 526	25.3	494	55	5 603	106	64	588	616	22 271
Sign painters and letterers	18 647	7 312	39.2	497	42	5 310	215	102	657	489	11 335
Stationary engineers	168 272	64 637	38.4	2 317	351	36 492	17 406	1 646	2 498	3 927	103 635
Stone cutters and stone carvers	6 327	1 366	21.6	41	49	1 017	82	–	80	97	4 961
Tailors	68 879	19 078	27.7	1 400	226	13 966	292	563	971	1 660	49 801
Telephone installers and repairmen	236 152	101 520	43.0	5 087	933	72 262	12 760	799	4 480	5 199	134 632
Telephone linemen and splicers	52 124	18 436	35.4	979	122	13 316	1 934	284	880	921	33 688
Upholsterers	60 318	16 160	26.8	897	246	12 402	298	370	616	1 331	44 158
Craftsmen and kindred workers, n.e.c	83 628	22 857	27.3	1 502	267	15 532	1 529	476	1 188	2 363	60 771
Former members of the Armed Forces	409	79	19.3	21	–	58	–	–	–	–	330
Craftsmen and kindred workers—allocated	585 065	375 931	64.3	8 487	1 354	35 145	6 406	1 732	2 970	319 837	209 134
Operatives, except transport	**10 430 279**	**2 165 067**	**20.8**	**222 393**	**53 170**	**1 055 166**	**99 634**	**66 623**	**88 241**	**579 840**	**8 265 212**
Asbestos and insulation workers	24 155	8 142	33.7	207	52	6 743	250	98	274	518	16 013
Assemblers	937 024	168 775	18.0	28 261	5 866	91 148	9 254	5 274	7 876	21 096	768 249
Blasters and powdermen	7 441	977	13.1	–	44	575	112	46	43	157	6 464
Bottling and canning operatives	46 691	6 387	13.7	899	222	3 075	363	292	331	1 205	40 304
Chainmen, rodmen, and axemen; surveying	10 984	1 868	17.0	241	30	859	492	38	20	188	9 116
Checkers, examiners, and inspectors; manufacturing	682 246	148 584	21.8	22 740	5 128	75 039	18 815	4 378	7 206	15 278	533 662
Clothing ironers and pressers	182 622	19 904	10.9	3 124	1 863	7 819	173	841	1 055	5 029	162 718
Cutting operatives, n.e.c	169 924	27 243	16.0	3 106	530	16 352	1 098	959	1 458	3 740	142 681
Dressmakers and seamstresses, except factory	94 691	21 437	22.6	4 067	796	11 487	134	1 473	1 068	2 412	73 254
Drillers, earth	57 028	9 712	17.0	717	81	5 853	690	642	417	1 312	47 316
Drywall installers and lathers	45 443	13 327	29.3	450	69	10 358	537	204	542	1 167	32 116
Dyers	23 537	3 035	12.9	259	96	1 596	197	168	194	525	20 502
Garage workers and gas station attendants	416 452	60 342	14.5	5 262	715	35 240	4 225	2 487	2 958	9 455	356 110
Graders and sorters, manufacturing	37 216	4 055	10.9	635	181	1 725	140	119	319	936	33 161
Produce graders and packers, except factory and farm	27 186	2 122	7.8	661	85	487	–	277	103	509	25 064

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Operatives, except transport—Continued											
Laundry and drycleaning operatives, n.e.c	165 764	21 778	13.1	4 321	1 618	8 837	716	646	1 156	4 484	143 986
Meat cutters and butchers, except manufacturing	201 884	58 868	29.2	4 068	586	42 133	1 043	1 829	3 709	5 500	143 016
Meat cutters and butchers, manufacturing	66 221	8 569	12.9	835	325	4 380	330	522	699	1 478	57 652
Meat wrappers, retail trade	45 286	5 396	11.9	1 599	276	1 964	86	276	407	788	39 890
Metalworking operatives, except precision machine	986 447	274 399	27.8	14 180	2 941	204 895	11 070	7 158	10 851	23 304	712 048
Filers, polishers, sanders, and buffers	115 065	16 791	14.6	1 771	436	9 549	833	813	890	2 499	98 274
Furnacemen, smeltermen, and pourers	62 756	10 107	16.1	767	214	5 772	685	421	693	1 555	52 649
Heaters, metal	7 023	1 214	17.3	116	64	749	82	44	–	159	5 809
Metal platers	31 725	6 217	19.6	487	140	3 987	351	232	307	713	25 508
Punch and stamping press operatives	163 554	27 245	16.7	3 625	614	14 760	1 455	1 108	1 643	4 040	136 309
Riverters and fasteners	25 262	4 144	16.4	453	146	2 066	271	268	265	675	21 118
Solderers	39 358	6 954	17.7	1 665	294	3 173	150	249	375	1 048	32 404
Welders and flame cutters	541 704	201 727	37.2	5 296	1 033	164 839	7 243	4 023	6 678	12 615	339 977
Milliners	2 033	539	26.5	132	13	262	–	17	63	52	1 494
Mine operatives, n.e.c	155 333	24 584	15.8	1 493	497	14 939	1 794	1 450	1 562	2 849	130 749
Coal mining	47 453	6 448	13.6	185	142	4 093	373	225	356	1 074	41 005
Crude petroleum and natural gas extractions	65 523	11 096	16.9	926	108	6 481	953	787	746	1 095	54 427
Mining and quarrying, except fuel	42 357	7 040	16.6	382	247	4 365	468	438	460	680	35 317
Mixing operatives	67 940	10 774	15.9	983	320	5 518	912	780	657	1 604	57 166
Oilers and greasers, except auto	45 571	8 972	19.7	625	103	5 641	753	268	310	1 272	36 599
Packers and wrappers, except meat and produce	507 657	63 234	12.5	15 923	3 524	22 998	2 143	2 636	3 455	12 555	444 423
Painters, manufactured articles	115 074	21 767	18.9	1 949	493	13 938	782	817	1 064	2 724	93 307
Photographic process workers	59 789	17 203	28.8	3 200	732	8 956	1 526	244	1 355	1 190	42 586
Precision machine operatives	412 482	116 161	28.2	6 655	1 216	87 323	5 998	2 733	4 242	7 994	296 321
Drill press operatives	70 701	14 652	20.7	1 274	292	9 940	641	550	696	1 259	56 049
Grinding machine operatives	132 508	34 149	25.8	2 232	331	24 630	1 826	1 154	1 191	2 785	98 359
Lathe and milling machine operatives	138 079	46 367	33.6	1 920	371	37 098	2 374	609	1 413	2 582	91 712
Precision machine operatives, n.e.c	71 194	20 993	29.5	1 229	222	15 655	1 157	420	942	1 368	50 201
Sailors and deckhands	25 347	5 322	21.0	314	–	2 813	394	76	780	945	20 025
Sawyers	100 290	12 931	12.9	1 050	317	7 905	532	647	707	1 773	87 359
Sewers and stitchers	866 665	96 114	11.1	19 146	5 119	38 586	704	5 865	4 928	21 766	770 551
Shoemaking machine operatives	60 495	5 457	9.0	814	362	2 222	154	254	199	1 452	55 038
Stationary firemen	98 130	25 115	25.6	1 459	386	15 072	3 776	974	1 429	2 019	73 015
Textile operatives	428 138	41 432	9.7	6 211	1 746	17 331	1 638	2 528	2 149	9 829	386 706
Carding, lapping, and combing operatives	19 994	2 062	10.3	61	88	999	127	289	77	421	17 932
Knitters, loopers, and toppers	28 283	3 007	10.6	575	43	1 451	35	59	156	688	25 276
Spinners, twisters, and winders	155 452	13 354	8.6	2 081	751	4 991	453	821	741	3 516	142 098
Weavers	48 583	4 573	9.4	649	96	2 156	91	230	284	1 067	44 010
Textile operatives, n.e.c	175 826	18 436	10.5	2 845	768	7 734	932	1 129	891	4 137	157 390
Winding operatives, n.e.c	60 363	11 104	18.4	2 045	273	6 312	466	277	414	1 317	49 259
Miscellaneous and not specified operatives	2 504 126	440 833	17.6	53 443	11 973	251 772	24 868	17 551	21 633	59 593	2 063 293
Occupation:											
Machine operatives, miscellaneous specified	1 022 237	169 209	16.6	21 255	4 488	95 929	8 949	7 746	8 914	21 928	853 028
Machine operatives, not specified	554 660	103 525	18.7	11 810	2 313	60 853	5 809	3 739	4 697	14 304	451 135
Miscellaneous operatives	625 980	114 218	18.2	14 034	3 853	65 294	6 730	4 060	5 378	14 869	511 762
Not specified operatives	301 249	53 881	17.9	6 344	1 319	29 696	3 380	2 006	2 644	8 492	247 368

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry:											
Manufacturing	2 133 431	367 463	17.2	44 456	9 912	210 303	20 061	14 314	18 233	50 184	1 765 968
Durable goods	1 177 550	216 755	18.4	23 646	5 618	128 393	12 514	7 754	10 177	28 653	960 795
Lumber and wood products, except furniture	71 172	9 327	13.1	771	183	5 594	450	571	374	1 384	61 845
Furniture and fixtures	48 898	5 910	12.1	802	109	3 197	311	190	353	948	42 988
Stone, clay, and glass products	98 690	15 458	15.7	1 121	300	9 068	726	878	965	2 400	83 232
Glass and glass products	35 518	6 604	18.6	475	136	4 202	308	272	501	710	28 914
Cement, concrete, gypsum, and plaster products	19 834	3 033	15.3	103	24	1 785	181	220	212	508	16 801
Other stone, clay, and glass products	43 338	5 821	13.4	543	140	3 081	237	386	252	1 182	37 517
Primary metal industries	172 575	29 392	17.0	2 818	544	17 942	1 441	1 225	1 698	3 724	143 183
Blast furnaces, steelworks, rolling and finishing mills	59 759	10 711	17.9	915	115	6 695	548	293	668	1 477	49 048
Other primary iron and steel industries	49 185	8 482	17.2	575	226	5 277	415	358	467	1 164	40 703
Primary nonferrous industries	63 631	10 199	16.0	1 328	203	5 970	478	574	563	1 083	53 432
Fabricated metal industries, including not specified metal	134 004	22 718	17.0	2 382	524	13 490	1 443	739	1 035	3 105	111 286
Cutlery, hand tools and other hardware	15 854	2 619	16.5	523	21	1 407	98	90	98	382	13 235
Fabricated structural metal products	29 826	5 767	19.3	360	108	3 599	494	120	349	737	24 059
Screw machine products, and metal stamping	25 364	3 888	15.3	499	157	2 216	209	112	191	504	21 476
Miscellaneous fabricated metal products and not specified metal	62 960	10 444	16.6	1 000	238	6 268	642	417	397	1 482	52 516
Machinery, except electrical	149 179	36 572	24.5	3 241	573	24 318	2 255	1 188	1 387	3 610	112 607
Farm machinery and equipment	11 508	2 221	19.3	191	63	1 478	109	75	78	227	9 287
Construction and material handling machines	18 860	5 551	29.4	496	–	3 751	226	214	274	590	13 309
Metalworking machinery	27 529	7 517	27.3	546	245	5 127	449	293	301	556	20 012
Office and accounting machines, and electronic computing equipment	14 315	3 560	24.9	498	70	2 081	336	–	226	349	10 755
Other machinery, except electrical	76 967	17 723	23.0	1 510	195	11 881	1 135	606	508	1 888	59 244
Electrical machinery, equipment, and supplies	197 314	36 459	18.5	5 993	1 450	19 309	2 201	1 253	1 423	4 830	160 855
Household appliances	18 200	3 068	16.9	356	145	1 723	138	119	200	387	15 132
Radio, T.V., and communication equipment	49 937	10 091	20.2	1 852	547	5 024	614	402	221	1 431	39 846
Electrical machinery, equipment, and supplies, n.e.c.	115 965	20 943	18.1	3 499	758	11 146	1 233	710	874	2 723	95 022
Not specified electrical machinery, equipment, and supplies	13 212	2 357	17.8	286	–	1 416	216	22	128	289	10 855
Transportation equipment	152 771	34 109	22.3	2 670	703	22 174	2 056	855	1 499	4 152	118 662
Motor vehicle and motor vehicle equipment	86 591	15 741	18.2	1 361	320	9 428	874	460	814	2 484	70 850
Aircraft and parts	40 672	13 095	32.2	873	300	9 522	727	217	438	1 018	27 577
Other transportation equipment	25 508	5 273	20.7	436	83	3 224	455	178	247	650	20 235
Professional and photographic equipment, and watches	38 653	8 382	21.7	1 413	374	4 209	713	355	276	1 042	30 271
Professional equipment and supplies	25 859	5 342	20.7	847	292	2 615	475	200	178	735	20 517
Ordnance	21 856	4 491	20.5	312	109	2 912	158	98	169	733	17 365
Miscellaneous manufacturing industries	87 110	13 003	14.9	1 976	686	5 639	760	361	978	2 603	74 107
Durable goods—allocated	5 328	934	17.5	147	63	541	–	41	20	122	4 394

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Manufacturing—Continued	955 881	150 708	15.8	20 810	4 294	81 910	7 547	6 560	8 056	21 531	805 173
Nondurable goods	198 310	26 288	13.3	3 153	914	13 178	1 192	2 161	1 580	4 110	172 022
Food and kindred products	44 566	4 502	10.1	523	135	1 995	183	537	436	693	40 064
Meat products	23 539	4 185	17.8	178	122	2 285	174	677	300	449	19 354
Dairy products	37 409	3 646	9.7	633	296	1 481	122	135	137	842	33 763
Canning and preserving fruits, vegetables, and sea foods	18 552	2 675	14.4	394	58	1 417	170	136	117	383	15 877
Bakery products	14 165	2 392	16.9	211	54	1 450	155	64	81	377	11 773
Beverage industries	60 079	8 888	14.8	1 214	249	4 550	388	612	509	1 366	51 191
Other food and kindred products	18 332	2 155	11.8	409	120	946	40	77	80	483	16 177
Tobacco manufactures	88 815	9 340	10.5	2 049	446	3 677	204	321	285	2 358	79 475
Apparel and other fabricated textile products	72 156	7 213	10.0	1 644	356	2 779	112	275	254	1 793	64 943
Apparel and accessories	13 247	1 654	12.5	328	90	645	74	46	31	440	11 593
Miscellaneous fabricated textile products	174 831	26 901	15.4	3 687	594	14 517	1 364	1 337	1 674	3 728	147 930
Paper and allied products	81 015	12 698	15.7	1 308	226	7 387	859	721	714	1 483	68 317
Pulp, paper, and paperboard mills	37 176	5 727	15.4	1 009	171	2 843	177	283	443	801	31 449
Miscellaneous paper and pulp products	56 640	8 476	15.0	1 370	197	4 287	328	333	517	1 444	48 164
Paperboard containers and boxes	76 663	17 379	22.7	2 751	448	10 875	474	283	980	1 568	59 284
Printing, publishing, and allied industries	66 048	14 250	21.6	2 361	388	8 676	417	283	853	1 272	51 798
Printing, publishing, and allied industries, except newspapers	145 327	29 986	20.6	3 434	692	18 213	1 819	1 213	1 194	3 421	115 341
Chemicals and allied products	41 245	9 808	23.8	815	142	6 487	709	378	436	841	31 437
Industrial chemicals	8 850	1 455	16.4	144	18	1 012	77	67	–	137	7 395
Synthetic fibers	12 184	1 940	15.9	254	51	1 047	116	103	92	277	10 244
Soaps and cosmetics	83 048	16 783	20.2	2 221	481	9 667	917	665	666	2 166	66 265
Other chemicals and allied products	28 114	7 088	25.2	745	136	4 214	842	104	368	679	21 026
Petroleum and coal products	160 163	23 952	15.0	3 393	710	12 756	1 286	869	1 653	3 285	136 211
Rubber and miscellaneous plastic products	86 319	13 854	16.0	1 544	252	7 743	752	530	1 080	1 953	72 465
Rubber products	73 844	10 098	13.7	1 849	458	5 013	534	339	573	1 332	63 746
Miscellaneous plastic products	42 921	4 009	9.3	805	168	1 658	157	109	157	955	38 912
Leather and leather products	9 927	993	10.0	82	–	545	62	42	55	207	8 934
Tanned, curried, and finished leather	18 889	1 390	7.4	321	124	460	58	67	20	340	17 499
Footwear, except rubber	14 105	1 626	11.5	402	44	653	37	–	82	408	12 479
Leather products, except footwear	22 405	3 610	16.1	384	66	1 876	169	86	85	944	18 795
Nondurable goods—allocated	–	–	–	–	–	–	–	–	–	–	–
Not specified manufacturing industries	370 695	73 370	19.8	8 987	2 061	41 469	4 807	3 237	3 400	9 409	297 325
Nonmanufacturing industries	34 104	7 295	21.4	311	18	4 913	503	455	318	777	26 809
Construction	13 314	2 108	15.8	212	63	1 216	178	58	58	323	11 206
Railroads and railway express service	24 999	5 796	23.2	634	35	3 750	352	186	256	583	19 203
Transportation, except railroads	25 572	7 132	27.9	572	77	4 464	775	237	411	596	18 440
Communications, and utilities and sanitary services	75 900	12 132	16.0	1 688	272	6 734	671	485	434	1 848	63 768
Wholesale trade	64 391	10 789	16.8	1 303	467	5 441	458	781	547	1 792	53 602
Retail trade											

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Nonmanufacturing industries—Continued											
Business and repair services	50 972	10 232	20.1	1 463	240	5 857	659	290	719	1 004	40 740
Public administration	34 179	8 838	25.9	1 021	241	5 379	609	383	338	867	25 341
All other industries[1]	47 264	9 048	19.1	1 783	648	3 715	602	362	319	1 619	38 216
Operatives, except transport—allocated	692 604	398 605	57.6	11 319	4 592	23 013	3 469	1 779	2 608	351 825	293 999
Transport equipment operatives	**2 927 087**	**589 273**	**20.1**	**52 422**	**10 503**	**279 403**	**27 071**	**23 626**	**29 512**	**166 736**	**2 337 814**
Boatman and canalmen	5 056	825	16.3	35	–	585	43	–	20	142	4 231
Bus drivers	236 409	46 213	19.5	7 904	1 849	23 016	2 434	2 916	2 885	5 209	190 196
Conductors and motormen, urban rail transit	9 757	2 744	28.1	276	137	1 533	124	98	146	430	7 013
Deliverymen and routemen	605 033	106 784	17.6	16 354	2 198	58 436	6 278	4 067	6 310	13 141	498 249
Forklift and tow motor operatives	216 974	32 966	15.2	2 946	607	18 993	1 677	1 816	2 088	4 839	184 008
Motormen; mine, factory, logging camp, etc	9 927	1 415	14.3	105	–	861	223	97	47	82	8 512
Parking attendants	28 929	4 845	16.7	731	150	2 310	210	210	333	901	24 084
Railroad brakemen	45 497	8 803	19.3	809	125	5 467	552	220	404	1 226	36 694
Railroad switchmen	51 428	11 227	21.8	870	220	7 079	602	249	722	1 485	40 201
Taxicab drivers and chauffeurs	150 023	30 062	20.0	3 511	1 821	15 862	1 668	795	1 930	4 475	119 961
Truck drivers	1 382 281	225 336	16.3	16 559	3 035	136 085	11 640	12 750	13 854	31 413	1 156 945
Trucking service	523 054	91 678	17.5	7 086	967	55 506	5 121	5 018	6 186	11 794	431 376
Transport equipment operatives—allocated	185 773	118 053	63.5	2 322	361	9 176	1 620	408	773	103 393	67 720
Laborers, except farm	**3 392 994**	**585 156**	**17.2**	**48 970**	**10 953**	**224 025**	**26 424**	**26 670**	**26 823**	**221 291**	**2 807 838**
Animal caretakers, except farm	44 447	7 297	16.4	1 060	796	2 705	425	872	389	1 050	37 150
Carpenters helpers	43 573	5 467	12.5	388	128	3 095	318	274	361	903	38 106
Construction laborers, except carpenters' helpers	551 778	77 462	14.0	4 480	1 083	45 209	4 869	4 419	4 556	12 846	474 316
Fishermen and oystermen	26 579	3 438	12.9	247	15	2 067	263	169	119	558	23 141
Frieght and material handlers	525 595	77 116	14.7	8 456	1 552	40 838	4 837	3 854	5 352	12 227	448 479
Garbage collectors	70 529	8 075	11.4	589	113	4 945	365	246	479	1 338	62 454
Gardeners and groundskeepers, except farm	296 615	42 998	14.5	3 814	779	19 983	2 289	6 825	3 111	6 197	253 617
Longshoremen and stevedores	46 428	7 414	16.0	534	34	4 470	428	201	369	1 378	39 014
Lumbermen, raftsmen, and woodchoppers	81 576	8 008	9.8	409	42	4 016	543	1 085	370	1 543	73 568
Stock handlers	583 348	68 403	11.7	14 277	2 761	27 561	4 049	2 341	4 430	12 984	514 945
Teamsters	7 078	846	12.0	39	–	417	83	23	43	241	6 232
Vehicle washers and equipment cleaners	117 202	15 272	13.0	1 505	412	8 706	658	538	854	2 599	101 930
Warehousemen, n.e.c.	106 887	22 007	20.6	3 581	638	11 193	1 392	942	1 334	2 927	84 880
Miscellaneous and not specified laborers	607 381	77 759	12.8	6 993	2 069	39 888	4 458	4 153	4 044	16 154	529 622
Occupation:											
Miscellaneous laborers	201 309	25 489	12.7	2 241	640	14 283	1 402	1 308	1 277	4 338	175 820
Not specified laborers	406 072	52 270	12.9	4 752	1 429	25 605	3 056	2 845	2 767	11 816	353 802
Industry:											
Manufacturing	314 696	41 679	13.2	3 863	913	21 339	2 127	2 175	2 426	8 836	273 017
Durable goods	208 596	28 890	13.8	2 732	551	14 919	1 547	1 414	1 776	5 951	179 706
Lumber and wood products, except furniture	21 358	2 255	10.6	107	–	1 113	155	246	117	517	19 103
Furniture and fixtures	6 528	670	10.3	102	60	182	21	27	21	257	5 858
Stone, clay, and glass products	20 583	2 401	11.7	92	49	1 295	122	202	158	483	18 182
Cement, concrete, gypsum, and plaster products	8 216	1 021	12.4	72	31	638	38	–	100	142	7 195
Structural clay products	4 042	456	11.3	–	18	230	19	15	16	158	3 586
Other stone, clay, and glass products	8 325	924	11.1	20	–	427	65	187	42	183	7 401

[1]Includes transportation, communications, and other public utilities—allocated.

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Manufacturing—Continued											
Durable goods—Continued											
Primary metal industries	71 025	10 585	14.9	1 132	224	5 756	647	368	668	1 790	60 440
Blast furnaces, steel works, rolling and finishing mills	40 905	6 293	15.4	743	122	3 399	365	215	400	1 049	34 612
Other primary iron and steel industries	19 738	2 535	12.8	234	85	1 399	166	89	230	332	17 203
Primary nonferrous industries	10 382	1 757	16.9	155	17	958	116	64	38	409	8 625
Fabricated metal industries, including not specified metal	23 047	3 085	13.4	277	42	1 470	121	181	216	778	19 962
Fabricated structural metal products	9 018	1 301	14.4	72	21	574	70	56	121	387	7 717
Machinery, except electrical	17 731	2 795	15.8	155	43	1 637	210	137	117	496	14 936
Electrical machinery, equipment, and supplies	11 706	1 918	16.4	276	20	914	127	48	191	342	9 788
Transportation equipment	22 673	3 232	14.3	295	59	1 626	102	120	223	807	19 441
Motor vehicles and motor vehicle equipment	11 275	1 575	14.0	124	20	708	60	52	133	478	9 700
Ship and boat building and repairing	4 679	639	13.7	73	20	431	–	22	73	20	4 040
Other transportation equipment	6 719	1 018	15.2	98	19	487	42	46	17	309	5 701
Professional and photographic equipment, and watches	1 693	313	18.5	45	20	127	20	18	25	58	1 380
Ordnance	3 717	491	13.2	126	–	236	–	18	40	71	3 226
Miscellaneous manufacturing industries	6 246	755	12.1	21	16	464	22	49	–	183	5 491
Manufacturing, durable goods—allocated	2 289	390	17.0	104	18	99	–	–	–	169	1 899
Nondurable goods	103 747	12 550	12.1	1 107	362	6 315	580	718	650	2 818	91 197
Food and kindred products	38 590	4 676	12.1	289	130	2 330	88	389	246	1 204	33 914
Meat products	11 070	1 283	11.6	64	37	518	20	148	82	414	9 787
Dairy products	3 746	688	18.4	45	–	444	45	17	40	97	3 058
Canning and preserving fruits, vegetables, and sea foods	7 831	836	10.7	101	72	359	–	37	45	222	6 995
Grain-mill products	4 163	400	9.6	39	21	242	–	35	–	63	3 763
Beverage industries	4 430	594	13.4	16	–	331	23	25	19	180	3 836
Other food and kindred products	7 350	875	11.9	24	–	436	–	127	60	228	6 475
Tobacco manufactures	1 529	128	8.4	–	–	88	–	–	–	40	1 401
Textile mill products	11 382	941	8.3	41	44	290	18	33	81	434	10 441
Yarn, thread, and fabric mills	7 515	542	7.2	21	18	173	–	–	63	267	6 973
Other textile mill products	3 867	399	10.3	20	26	117	18	33	18	167	3 468
Apparel and other fabricated textile products	2 807	302	10.8	52	–	84	–	15	36	115	2 505
Paper and allied products	13 559	2 104	15.5	170	102	1 081	190	47	128	386	11 455
Pulp, paper, and paperboard mills	8 762	1 475	16.8	123	78	797	81	47	108	241	7 287
Other paper and allied products	4 797	629	13.1	47	24	284	109	–	20	145	4 168
Printing, publishing, and allied industries	4 546	563	12.4	98	35	335	21	–	12	62	3 983
Chemicals and allied products	13 568	1 817	13.4	115	32	1 058	57	178	63	314	11 751
Petroleum and coal products	3 181	612	19.2	104	–	302	79	23	61	43	2 569
Rubber and miscellaneous plastic products	9 045	1 031	11.4	221	–	569	91	33	23	94	8 014
Leather and leather products	4 082	341	8.4	17	19	178	21	–	–	106	3 741
Nondurable goods—allocated	1 458	35	2.4	–	–	–	15	–	–	20	1 423
Not specified manufacturing industries	2 353	239	10.2	24	–	105	–	43	–	67	2 114

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Nonmanufacturing industries	292 685	36 080	12.3	3 130	1 156	18 549	2 331	1 978	1 618	7 318	256 605
Railroads and railway express service	42 053	3 974	9.4	182	82	2 020	243	238	330	879	38 079
Transportation, except railroads	14 689	2 091	14.2	123	72	1 172	99	131	147	347	12 598
Utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–
Communications, and transportation, communications and other public utilities—allocated	40 111	5 822	14.5	385	102	3 302	463	312	170	1 088	34 289
Wholesale trade	40 669	4 560	11.2	383	137	2 289	360	245	176	970	36 109
Retail trade	45 171	4 820	10.7	590	136	2 108	230	297	179	1 280	40 351
Business and repair services	19 389	3 163	16.3	151	74	1 928	401	98	21	490	16 226
Personal services	22 547	2 644	11.7	249	44	1 371	77	113	112	678	19 903
Private households	15 053	1 743	11.6	102	–	996	63	75	96	411	13 310
Public administration	17 403	2 460	14.1	153	86	1 632	83	103	90	313	14 943
All other industries	50 653	6 546	12.9	914	423	2 727	375	441	393	1 273	44 107
Laborers, except farm—Allocated	283 978	163 594	57.6	2 598	531	8 932	1 447	728	1 012	148 346	120 384
Farmers and farm managers	**1 371 210**	**247 727**	**18.1**	**18 018**	**2 385**	**63 785**	**7 926**	**93 152**	**5 523**	**56 938**	**1 123 483**
Farmers, owners and tenants	1 247 511	194 609	15.6	16 183	2 160	58 130	7 078	87 993	5 018	18 047	1 052 902
Farm managers	53 454	10 080	18.9	1 151	73	3 118	437	4 343	276	682	43 374
Farmers and farm managers—allocated	70 245	43 038	61.3	684	152	2 537	411	816	229	38 209	27 207
Farm laborers and farm foremen	**948 607**	**127 826**	**13.5**	**8 707**	**2 514**	**31 832**	**3 907**	**23 429**	**4 233**	**53 204**	**820 781**
Farm foremen	30 287	5 833	19.3	742	69	2 246	361	1 755	157	503	24 454
Farm laborers, wage workers	742 581	69 853	9.4	4 979	1 475	25 347	2 972	17 462	3 416	14 202	672 728
Farm laborers, unpaid family workers	97 537	12 037	12.3	2 556	776	2 487	304	3 611	454	1 849	85 500
Farm service laborers, self employed	3 547	772	21.8	66	18	312	54	214	46	62	2 775
Farm laborers and farm foremen—allocated	74 655	39 331	52.7	364	176	1 440	216	387	160	36 588	35 324
Service workers, except private household	**8 501 850**	**2 464 571**	**29.0**	**234 440**	**486 583**	**985 204**	**54 458**	**53 987**	**100 120**	**549 779**	**6 037 279**
Cleaning service workers	1 836 489	267 197	14.5	30 959	14 700	134 095	14 041	13 188	15 750	44 464	1 569 292
Chambermaids and maids, except private household	201 166	22 476	11.2	4 709	4 200	5 902	159	1 181	825	5 500	178 690
Cleaners and charwomen	433 024	48 784	11.3	8 196	5 061	17 963	1 624	2 606	2 956	10 378	384 240
Janitors and sextons	1 202 299	195 937	16.3	18 054	5 439	110 230	12 258	9 401	11 969	28 586	1 006 362
Food service workers	2 751 327	339 187	12.3	88 560	26 051	104 814	9 041	22 849	19 887	67 985	2 412 140
Bartenders	182 283	34 272	18.8	6 894	1 064	16 515	1 954	934	1 960	4 951	148 011
Busboys	94 090	6 313	6.7	774	253	2 230	434	138	388	2 096	87 777
Cooks, except private household	823 064	111 384	13.5	20 339	7 591	39 562	3 007	12 245	7 792	20 848	711 680
Dishwashers	165 450	13 211	8.0	1 988	859	4 369	546	919	767	3 763	152 239
Food counter and fountain workers	145 506	14 813	10.2	4 968	1 096	3 229	363	1 039	825	3 293	130 693
Waiters	1 017 158	120 634	11.9	43 214	10 878	29 291	1 847	4 783	5 825	24 796	896 524
Food service workers, n.e.c., except private household	323 776	38 560	11.9	10 383	4 310	9 618	890	2 791	2 330	8 238	285 216
Health service workers	1 170 705	506 857	43.3	32 561	412 939	25 098	2 153	4 967	5 337	23 802	663 848
Dental assistants	88 528	38 523	43.5	5 341	28 772	1 618	271	143	457	1 921	50 005
Health aides, except nursing	115 327	34 874	30.2	5 466	19 653	3 378	568	1 821	932	3 056	80 453
Health trainees	17 942	5 669	31.6	207	4 550	103	–	17	37	755	12 273
Lay midwives	925	429	46.4	–	314	55	–	–	–	60	496
Nursing aides, orderlies, and attendants	714 760	234 112	32.8	18 541	173 749	18 407	1 265	2 869	3 554	15 727	480 648
Practical nurses	233 223	193 250	82.9	3 006	185 901	1 537	49	117	357	2 283	39 973

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Total, 16 years old and over—Continued											
Service workers, except private household—Continued											
Personal service workers	1 138 918	636 270	55.9	37 421	19 182	520 638	3 629	5 795	24 360	25 245	502 648
Airline stewardesses	28 133	13 728	48.8	3 427	1 202	6 412	34	120	1 456	1 077	14 405
Attendants, recreation and amusement	69 299	10 257	14.8	2 300	385	3 994	603	362	945	1 668	59 042
Attendants, personal service, n.e.c.	57 110	11 757	20.6	2 763	2 486	2 960	197	277	1 284	1 790	45 353
Baggage porters and bellhops	18 593	3 426	18.4	247	112	1 931	195	62	329	550	15 167
Barbers	168 177	125 001	74.3	2 073	321	115 033	615	300	3 223	3 436	43 176
Boarding and lodge house keepers	7 058	1 634	23.2	603	390	369	32	–	41	199	5 424
Bootblacks	3 841	337	8.8	18	–	182	–	17	33	87	3 504
Child care workers, except private household	122 715	23 588	19.2	8 271	5 924	3 776	98	1 188	1 787	2 544	99 127
Elevator operators	36 497	5 045	13.8	978	122	1 774	246	259	465	1 201	31 452
Hairdressers and cosmetologists	479 446	411 657	85.9	7 071	3 429	377 669	836	654	12 480	9 518	67 789
Personal service apprentices	1 321	826	62.5	58	–	722	–	–	–	46	495
Housekeepers, except private household	96 822	19 281	19.9	5 663	2 925	4 302	560	2 062	1 644	2 125	77 541
School monitors	25 275	5 122	20.3	2 518	798	915	86	232	192	381	20 153
Ushers, recreation and amusement	13 105	1 220	9.3	273	37	366	106	21	64	353	11 885
Welfare service aides	12 847	4 217	32.8	1 216	1 051	955	21	241	417	316	8 630
Protective service workers	921 778	312 914	33.9	32 720	7 539	184 107	23 046	5 696	32 759	27 047	608 864
Crossing guards and bridge tenders	42 300	7 475	17.7	2 164	674	2 775	244	159	475	984	34 825
Firemen, fire protection	176 452	66 363	37.6	4 784	1 117	44 031	5 114	776	5 319	5 222	110 089
Guards and watchmen	313 633	76 842	24.5	10 322	2 555	41 286	4 902	2 363	6 612	8 802	236 791
Marshals and constables	5 216	1 526	29.3	124	61	843	85	98	174	141	3 690
Policemen and detectives	351 002	147 598	42.1	13 403	2 744	87 947	11 792	2 008	18 731	10 973	203 404
Public	334 858	142 913	42.7	12 553	2 584	85 923	11 476	1 800	18 101	10 476	191 945
Private	16 144	4 685	29.0	850	160	2 024	316	208	630	497	11 459
Sheriffs and bailiffs	33 175	13 110	39.5	1 923	388	7 225	909	292	1 448	925	20 065
Service workers, except private household—allocated	682 633	402 146	58.9	12 219	6 172	16 452	2 548	1 492	2 027	361 236	280 487
Private household workers	**1 158 724**	**158 437**	**13.7**	**23 298**	**26 686**	**17 033**	**369**	**5 839**	**5 170**	**80 042**	**1 000 287**
Occupation:											
Child care workers, private household	224 541	21 783	9.7	8 627	4 747	2 811	93	1 378	875	3 252	202 758
Cooks, private household	32 633	3 448	10.6	526	715	745	19	479	247	717	29 185
Housekeepers, private household	100 898	10 019	9.9	2 617	2 394	1 694	17	529	686	2 082	90 879
Laundresses, private household	11 141	695	6.2	312	125	105	–	17	44	92	10 446
Maids and servants, private household	671 262	62 384	9.3	10 470	17 912	10 863	193	3 374	3 082	16 490	608 878
Private household workers—allocated	118 249	60 108	50.8	746	793	815	47	62	236	57 409	58 141
Living arrangement:											
Living in	74 090	11 204	15.1	2 755	3 077	1 499	17	1 110	656	2 090	62 886
Housekeepers, private household	20 436	2 976	14.6	767	629	448	17	235	185	695	17 460
Maids and servants, private household	41 609	6 114	14.7	1 606	1 861	818	–	501	372	956	35 495
Living out	1 084 634	147 233	13.6	20 543	23 609	15 534	352	4 729	4 514	77 952	937 401

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over	**40 985 223**	**12 519 674**	**30.5**	**1 548 918**	**210 547**	**6 429 753**	**1 226 443**	**383 682**	**561 336**	**2 158 995**	**28 465 549**
Professional, technical, and kindred workers	**2 870 478**	**1 379 150**	**48.0**	**201 907**	**58 052**	**397 839**	**470 978**	**15 164**	**79 526**	**155 684**	**1 491 328**
Accountants	250 051	103 667	41.5	77 184	1 070	12 578	5 437	593	2 484	4 321	146 384
Architects	13 735	5 905	43.0	321	18	1 226	3 257	337	239	507	7 830
Computer specialists	117 413	62 789	53.5	35 625	254	9 962	10 542	186	3 957	2 263	54 624
Computer programers	77 337	43 044	55.7	25 500	174	6 417	6 214	143	2 951	1 645	34 293
Computer systems analysts	34 392	16 588	48.2	8 928	59	2 886	3 171	43	948	553	17 804
Computer specialist, n.e.c	5 684	3 157	55.5	1 197	21	659	1 157	–	58	65	2 527
Engineers	499 917	273 144	54.6	14 139	1 271	77 014	165 899	1 388	5 856	7 577	226 773
Aeronautical and astronautical	23 954	14 884	62.1	504	21	4 001	9 652	–	326	380	9 070
Chemical	6 922	2 974	43.0	257	19	777	1 778	–	38	105	3 948
Civil	68 383	28 311	41.4	1 050	140	6 368	18 509	275	698	1 271	40 072
Electrical and electronic	110 119	67 155	61.0	1 416	143	17 960	44 780	140	1 139	1 577	42 964
Industrial	96 576	51 104	52.9	5 205	302	17 935	24 453	392	1 327	1 490	45 472
Mechanical	74 759	43 633	58.4	1 122	201	12 109	28 328	215	774	884	31 126
Metallurgical and materials	4 900	2 355	48.1	99	64	768	1 381	–	–	43	2 545
Mining	1 631	592	36.3	–	21	220	311	–	–	40	1 039
Petroleum	2 547	926	36.4	98	–	241	488	–	18	81	1 621
Sales	27 874	14 160	50.8	1 830	62	4 229	7 088	90	485	376	13 714
Engineers, n.e.c	82 252	47 050	57.2	2 558	298	12 406	29 131	276	1 051	1 330	35 202
Farm management advisors	735	153	20.8	–	–	55	51	47	–	–	582
Foresters and conservationists	22 040	5 563	25.2	498	36	1 984	389	1 840	459	357	16 477
Home management advisors	71	19	...	–	–	19	–	–	–	–	52
Lawyers and judges	17 890	4 481	25.0	1 782	69	696	290	100	554	990	13 409
Judges	3 014	797	26.4	309	25	214	41	100	26	82	2 217
Lawyers	14 876	3 684	24.8	1 473	44	482	249	–	528	908	11 192
Librarians, archivists, and curators	10 494	1 775	16.9	424	79	674	236	21	164	177	8 719
Librarians	8 049	1 209	15.0	366	47	326	151	21	164	134	6 840
Archivists and curators	2 445	566	23.1	58	32	348	85	–	–	43	1 879
Mathematical specialists	6 174	2 302	37.3	1 143	62	464	377	22	65	169	3 872
Actuaries	471	114	24.2	52	–	39	23	–	–	–	357
Mathematicians	609	136	22.3	37	–	64	20	–	–	15	473
Statisticians	5 094	2 052	40.3	1 054	62	361	334	22	65	154	3 042
Life and physical scientists	40 256	14 686	36.5	1 213	787	4 538	5 459	785	982	922	25 570
Agricultural	4 571	1 629	35.6	201	17	483	157	592	124	55	2 942
Atmospheric and space	2 189	1 446	66.1	53	–	370	857	–	142	24	743
Biological	2 255	776	34.4	37	143	313	145	18	87	33	1 479
Chemists	26 409	8 559	32.4	748	545	2 658	3 233	175	587	613	17 850
Geologists	1 854	684	36.9	108	–	132	308	–	20	116	1 170
Marine	756	378	50.0	46	–	122	189	–	–	21	378
Physicists and astronomers	2 077	1 137	54.7	20	82	424	529	–	22	60	940
Life and physical, n.e.c	145	77	...	–	–	36	41	–	–	–	68
Operations and systems researchers and analysts	44 613	19 544	43.8	6 060	345	7 685	3 640	67	912	835	25 069
Personnel and labor relations workers	108 469	40 139	37.0	14 573	533	15 388	4 912	485	2 200	2 048	68 330
Physicians, dentists, and related practitioners	40 226	14 916	37.1	830	8 960	1 062	638	124	1 027	2 275	25 310
Chiropractors	1 998	1 148	57.5	–	781	52	70	–	41	204	850
Dentists	3 562	1 398	39.2	39	795	206	151	–	21	186	2 164
Optometrists	2 448	1 008	41.2	51	627	137	20	–	104	69	1 440
Pharmacists	23 509	7 458	31.7	534	4 803	306	172	23	486	1 134	16 051
Physicians, medical and osteopathic	6 874	3 103	45.1	184	1 697	215	210	19	238	540	3 771
Podiatrists	860	415	48.3	–	143	40	15	–	137	80	445
Veterinarians	791	265	33.5	–	58	84	–	82	–	41	526
Health practitioners, n.e.c	184	121	...	22	56	22	–	–	–	21	63

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Professional, technical, and kindred workers—Continued											
Registered nurses, dieticians, and therapists	32 729	19 503	59.6	656	15 063	1 995	312	282	467	728	13 226
Dietitians	2 077	555	26.7	19	181	183	–	154	18	–	1 522
Registered nurses	17 002	12 157	71.5	214	10 609	583	79	82	154	436	4 845
Therapists	13 650	6 791	49.8	423	4 273	1 229	233	46	295	292	6 859
Health technologists and technicians	54 876	32 007	58.3	1 298	19 994	3 438	4 594	200	1 427	1 056	22 869
Clinical laboratory technologists and technicians	21 685	12 237	56.4	321	7 648	1 203	2 183	49	358	475	9 448
Dental hygienists	1 004	481	47.9	–	157	169	115	–	40	–	523
Health record technologists and technicians	481	271	56.3	62	125	47	–	–	37	–	210
Radiologic technologists and technicians	14 814	11 021	74.4	195	8 014	635	1 402	24	457	294	3 793
Therapy assistants	584	233	39.9	25	131	59	–	–	–	18	351
Health technologists and technicians, n.e.c	16 308	7 764	47.6	695	3 919	1 325	894	127	535	269	8 544
Religious workers	64 097	19 564	30.5	1 939	275	5 338	798	610	8 669	1 935	44 533
Clergymen	57 550	17 653	30.7	1 627	187	4 731	611	506	8 217	1 774	39 897
Religious workers, n.e.c	6 547	1 911	29.2	312	88	607	187	104	452	161	4 636
Social scientists	18 426	6 874	37.3	2 038	294	2 065	1 732	68	343	334	11 552
Economists	14 624	5 237	35.8	1 776	138	1 537	1 225	46	222	293	9 387
Political scientists	140	20	...	–	–	20	–	–	–	–	120
Psycologists	778	260	33.4	20	92	87	–	–	61	–	518
Sociologists	155	107	...	21	–	24	62	–	–	–	48
Urban and regional planners	2 027	851	42.0	182	47	193	325	22	60	22	1 176
Social scientists, n.e.c	702	399	56.8	39	17	204	120	–	–	19	303
Social and recreation workers	41 697	10 694	25.6	2 103	683	3 697	1 087	290	1 775	1 059	31 003
Social	22 973	6 955	30.3	1 406	370	2 363	707	225	1 224	660	16 018
Recreation	18 724	3 739	20.0	697	313	1 334	380	65	551	399	14 985
Teachers, college and university	26 645	8 185	30.7	714	268	3 504	1 690	268	774	967	18 460
Agriculture	243	37	...	–	–	37	–	–	–	–	206
Atmospheric, earth, marine, and space	207	63	...	–	–	–	45	–	–	18	144
Biology	626	100	16.0	–	16	27	36	–	21	–	526
Chemistry	364	67	...	–	19	–	–	22	–	26	297
Physics	1 411	806	57.1	20	–	423	363	–	–	–	605
Engineering	1 261	755	59.9	–	–	359	336	–	40	20	506
Mathematics	1 141	331	29.0	83	–	54	92	24	45	33	810
Health specialities	569	303	53.3	24	95	65	102	–	–	17	266
Psychology	238	46	...	–	–	–	–	–	–	46	192
Business and commerce	438	143	32.6	99	–	22	–	–	22	–	295
Economics	100	57	...	–	–	42	–	–	–	15	43
History	198	53	...	–	15	22	–	–	–	16	145
Sociology	88	26	...	–	–	–	–	–	26	–	62
Social science teachers, n.e.c	284	66	...	17	–	19	–	–	–	30	218
Art, drama, and music	1 763	592	33.6	–	–	142	–	22	365	63	1 171
Coaches and physical education	1 418	252	17.8	62	–	40	43	21	46	40	1 166
Education	163	80	...	–	–	42	18	–	–	20	83
English	554	144	26.0	22	–	44	35	–	–	43	410
Foreign language	812	62	7.6	–	–	21	–	–	–	41	750
Home economics	82	59	...	–	–	59	–	–	–	–	23
Law	59	40	...	20	–	–	–	–	–	20	19
Theology	127	40	...	–	–	–	–	19	–	21	87
Trade, industrial and technical	1 069	680	63.6	19	–	550	111	–	–	–	389
Miscellaneous teachers, college and university	555	209	37.7	–	22	101	67	–	19	–	346
Teachers, college and university, subject not specified	12 875	3 174	24.7	348	101	1 435	442	160	190	498	9 701

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. *For minimum* base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Professional, technical, and kindred workers—Continued											
Teachers, except college and university	101 246	41 779	41.3	3 279	558	22 380	5 443	603	5 330	4 186	59 467
Adult education	15 293	9 809	64.1	756	90	6 328	1 965	–	476	194	5 484
Elementary school	22 155	5 920	26.7	646	94	2 320	515	130	798	1 417	16 235
Public	15 319	4 332	28.3	426	19	1 755	340	130	516	1 146	10 987
Private	6 836	1 588	23.2	220	75	565	175	–	282	271	5 248
Prekindergarten and kindergarten	1 051	264	25.1	21	23	60	47	–	41	72	787
Public	394	38	...	–	–	17	–	–	–	21	356
Private	657	226	34.4	21	23	43	47	–	41	51	431
Secondary school	31 562	13 573	43.0	722	81	7 642	1 930	308	1 333	1 557	17 989
Public	23 566	10 702	45.4	556	57	6 443	1 235	260	849	1 302	12 864
Private	7 996	2 871	35.9	166	24	1 199	695	48	484	255	5 125
Teachers, except college and university, n.e.c	31 185	12 213	39.2	1 134	270	6 030	986	165	2 682	946	18 972
Engineering and science technicians	658 644	348 175	52.9	12 061	3 218	108 594	201 256	3 630	9 758	9 658	310 469
Agriculture and biological, except health	18 716	5 685	30.4	411	354	1 860	819	1 416	333	492	13 031
Chemical	40 557	11 876	29.3	1 007	634	4 345	4 150	269	779	692	28 681
Draftsmen	243 251	141 102	58.0	3 400	350	23 230	108 500	342	2 172	3 108	102 149
Electrical and electronic engineering	142 810	104 722	73.3	2 151	220	45 275	51 604	267	3 094	2 111	38 088
Industrial engineering	17 001	7 797	45.9	878	163	3 772	2 285	61	352	286	9 204
Mechanical engineering	11 245	6 429	57.2	240	83	3 033	2 687	24	167	195	4 816
Mathematical	402	166	41.3	20	–	68	41	–	37	–	236
Surveyors	52 513	15 933	30.3	808	37	4 473	8 515	435	765	900	36 580
Engineering and science, n.e.c	132 149	54 465	41.2	3 146	1 377	22 538	22 655	816	2 059	1 874	77 684
Technicians, except health, and engineering and science	117 241	68 363	58.3	4 445	1 457	39 582	11 183	756	7 639	3 301	48 878
Airplane pilots	37 027	23 812	64.3	494	51	16 459	1 823	270	3 451	1 264	13 215
Air traffic controllers	22 578	14 620	64.8	957	–	9 063	1 359	21	2 432	788	7 958
Embalmers	3 896	2 712	69.6	713	1 019	343	22	–	376	239	1 184
Flight engineers	4 630	3 544	76.5	22	–	2 723	471	25	179	124	1 086
Radio operators	19 572	8 829	45.1	853	61	4 149	2 636	143	590	397	10 743
Tool programers, numerical control	2 013	1 284	63.8	243	19	560	410	–	16	36	729
Technicians, n.e.c	27 525	13 562	49.3	1 163	307	6 285	4 462	297	595	453	13 963
Vocational and educational counselors	10 096	2 945	29.2	568	170	1 223	331	50	232	371	7 151
Writers, artists, and entertainers	358 998	135 038	37.6	12 946	1 553	55 757	32 711	1 566	21 969	8 536	223 960
Actors	3 496	966	27.6	47	60	311	21	–	429	98	2 530
Athletes and kindred workers	29 584	5 953	20.1	931	177	2 418	570	162	1 022	673	23 631
Authors	8 780	4 301	49.0	321	20	1 573	1 968	19	309	91	4 479
Dancers	735	137	18.6	46	–	64	27	–	–	–	598
Designers	57 782	31 152	53.9	1 160	150	9 116	17 558	556	1 539	1 073	26 630
Editors and reporters	39 418	10 457	26.5	2 504	176	4 001	1 459	45	1 346	926	28 961
Musicians and composers	47 116	9 088	19.3	964	255	2 607	691	214	3 227	1 130	38 028
Painters and sculptors	48 018	23 654	49.3	1 205	132	10 404	2 622	104	7 340	1 847	24 364
Photographers	48 893	22 292	45.6	1 058	279	16 141	1 497	95	2 262	960	26 601
Public relations men and publicity writers	27 722	8 874	32.0	3 212	76	3 002	962	147	848	627	18 848
Radio and television announcers	16 535	6 177	37.4	444	46	2 007	1 009	49	2 181	441	10 358
Writers, artists, and entertainers, n.e.c	30 919	11 987	38.8	1 054	182	4 113	4 327	175	1 466	670	18 932
Research workers, not specified	22 527	7 829	34.8	995	358	2 989	2 495	201	356	435	14 698
Professional, technical, and kindred workers—allocated	191 172	129 111	67.5	5 073	677	13 932	6 219	645	1 888	100 677	62 061

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Managers and administrators, except farm	**3 987 658**	**1 331 130**	**33.4**	**350 831**	**25 246**	**557 033**	**141 220**	**34 726**	**67 805**	**154 269**	**2 656 528**
Assessors, controllers, and treasurers; local public administration	14 425	4 545	31.5	2 207	32	1 245	306	273	284	198	9 880
Bank officiers and financial managers	152 030	53 396	35.1	36 718	701	7 990	2 322	384	2 133	3 148	98 634
Buyers and shippers, farm products	18 508	2 990	16.2	641	21	905	115	854	204	250	15 518
Buyers, wholesale and retail trade	101 988	25 399	24.9	9 347	447	9 102	1 905	695	1 383	2 520	76 589
Credit men	32 752	11 456	35.0	7 082	341	2 197	687	157	440	552	21 296
Funeral directors	28 322	16 768	59.2	4 097	5 255	3 153	339	104	2 569	1 251	11 554
Health administrators	22 574	9 777	43.3	2 754	2 230	2 703	1 004	175	535	376	12 797
Construction inspectors; public administration	17 438	9 125	52.3	610	58	6 228	1 400	146	364	319	8 313
Inspectors, except construction; public administration	63 487	27 380	43.1	4 025	361	14 062	3 291	2 702	1 719	1 220	36 107
Federal public administration and postal service	38 470	17 482	45.4	2 508	197	9 404	2 130	1 507	1 124	612	20 988
State public administration	16 472	6 195	37.6	981	141	2 532	664	1 059	367	451	10 277
Local public administration	8 545	3 703	43.3	536	23	2 126	497	136	228	157	4 842
Managers and superintendents, building	42 087	13 302	31.6	3 326	185	6 540	1 339	269	698	945	28 785
Office managers, n.e.c	97 124	35 872	36.9	21 520	493	7 646	2 510	671	1 161	1 871	61 252
Officers, pilots, and pursers; ship	22 478	6 096	27.1	424	84	3 389	512	100	883	704	16 382
Officials and administrators; public administration, n.e.c	124 864	47 833	38.3	14 053	754	19 157	5 829	2 207	3 212	2 621	77 031
Federal public administration and postal service	56 394	24 166	42.9	7 520	301	9 733	3 237	534	1 598	1 243	32 228
State public administration	26 281	9 987	38.0	2 649	223	3 950	935	937	793	500	16 294
Local public administration	42 189	13 680	32.4	3 884	230	5 474	1 657	736	821	878	28 509
Officials of lodges, societies, and unions	29 923	10 691	35.7	2 198	115	6 334	653	241	495	655	19 232
Postmasters and mail superintendents	21 611	6 672	30.9	2 021	121	2 830	305	611	430	354	14 939
Purchasing agents and buyers, n.e.c	104 306	37 036	35.5	14 914	651	12 463	5 086	591	1 554	1 777	67 270
Railroad conductors	40 227	7 238	18.0	885	62	4 064	595	98	572	962	32 989
Restaurant, cafeteria, and bar managers	195 340	49 096	25.1	12 589	992	20 879	3 731	2 509	3 814	4 582	146 244
Sales managers and department heads, retail trade	135 398	37 561	27.7	12 183	856	14 816	3 110	1 165	2 377	3 054	97 837
Sales managers, except retail trade	154 738	52 879	34.2	19 548	1 074	16 370	8 182	854	3 633	3 218	101 859
School administrators, college	5 928	1 821	30.7	475	15	722	357	21	34	197	4 107
School administrators, elementary and secondary	7 759	2 522	32.5	474	67	918	292	163	219	389	5 237
Managers and administrators, n.e.c., salaried	1 710 651	575 038	33.6	142 195	7 678	268 399	77 738	12 714	28 832	37 482	1 135 613
Construction	201 405	76 295	37.9	6 183	403	50 861	11 224	1 455	2 380	3 789	125 110
Durable goods manufacturing	230 702	97 847	42.4	19 043	719	45 550	23 745	813	3 342	4 635	132 855
Nondurable goods manufacturing, including not specified	161 328	53 255	33.0	15 743	582	22 221	6 679	1 241	3 140	3 649	108 073
Transportation	96 738	31 529	32.6	10 872	316	13 315	2 558	540	2 022	1 906	65 209
Communications, and utilities and sanitary services	67 692	27 222	40.2	4 042	144	13 805	5 651	419	1 725	1 436	40 470
Wholesale trade	163 192	51 907	31.8	16 536	823	20 909	5 879	1 506	2 359	3 895	111 285
Retail trade	496 705	139 231	28.0	38 411	2 779	63 721	10 214	4 648	8 036	11 422	357 474
Hardware, farm equipment, and building material retailing	39 721	11 848	29.8	3 339	135	5 405	850	431	659	1 029	27 873
General merchandise stores	59 218	16 614	28.1	6 331	328	5 633	1 124	468	1 329	1 401	42 604
Food stores	113 691	25 771	22.7	8 900	565	9 603	1 481	982	1 867	2 373	87 920
Motor vehicles and accessories retailing	85 357	29 243	34.3	5 983	280	17 976	2 147	372	1 083	1 402	56 114
Gasoline service stations	60 819	15 952	26.2	2 623	202	9 395	1 007	696	686	1 343	44 867
Apparel and accessories stores	30 875	7 178	23.2	2 603	365	2 002	610	151	332	1 115	23 697
Furniture, home furnishings, and equipment stores	29 910	10 470	35.0	2 683	85	4 771	1 157	286	703	785	19 440
Other retail trade	77 114	22 155	28.7	5 949	819	8 936	1 838	1 262	1 377	1 974	54 959

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Managers and administrators, except farm—Continued											
Managers and administrators, n.e.c., salaried—Continued											
Finance, insurance, and real estate	74 724	24 510	32.8	12 471	472	6 219	2 033	345	1 487	1 483	50 214
Business and repair services	74 614	27 536	36.9	6 599	383	13 704	3 508	166	1 409	1 767	47 078
Personal services	52 148	16 307	31.3	4 653	398	7 191	1 337	292	1 171	1 265	35 841
All other industries	91 403	29 399	32.2	7 642	659	10 903	4 910	1 289	1 761	2 235	62 004
Managers and administrators, n.e.c., self-employed	686 366	191 178	27.9	32 108	2 114	111 263	15 435	6 345	8 751	15 162	495 188
Construction	127 684	41 040	32.1	3 158	194	28 970	3 781	976	1 576	2 385	86 644
Durable goods manufacturing	31 898	9 850	30.9	1 267	97	5 473	1 619	148	313	933	22 048
Nondurable goods manufacturing, including not specified	19 817	5 744	29.0	780	44	3 221	654	263	257	525	14 073
Transportation	17 058	3 755	22.0	709	18	1 897	331	125	238	437	13 303
Communications, and utilities and sanitary services	2 170	318	14.7	55	–	83	57	–	79	44	1 852
Wholesale trade	45 246	10 016	22.1	2 721	107	4 479	847	333	428	1 101	35 230
Retail trade	321 188	83 397	26.0	16 575	945	47 390	4 797	3 020	4 044	6 626	237 791
Hardware, farm equipment, and building material retailing	23 729	6 637	28.0	1 447	100	3 648	352	243	276	571	17 092
General merchandise stores	13 933	2 972	21.3	963	21	1 241	58	171	144	374	10 961
Food stores	81 234	13 931	17.1	3 460	196	6 153	592	906	871	1 753	67 303
Motor vehicles and accessories retailing	20 984	5 909	28.2	1 094	113	3 419	409	66	169	639	15 075
Gasoline service stations	94 940	27 224	28.7	3 494	105	18 681	1 373	824	1 157	1 590	67 716
Apparel and accessories stores	12 227	2 886	23.6	1 214	20	949	252	70	110	271	9 341
Furniture, home furnishings, and equipment stores	20 760	7 439	35.8	1 273	92	4 630	714	58	303	369	13 321
Other retail trade	53 381	16 399	30.7	3 630	298	8 669	1 047	682	1 014	1 059	36 982
Finance, insurance, and real estate	12 706	3 725	29.3	2 028	34	767	208	134	209	345	8 981
Business and repair services	39 224	14 002	35.7	1 587	71	9 422	1 202	336	533	851	25 222
Personal services	43 285	12 727	29.4	2 112	356	6 925	1 147	442	625	1 120	30 558
All other industries	26 090	6 604	25.3	1 116	248	2 636	792	568	449	795	19 486
Managers and administrators, except farm—allocated	157 334	95 459	60.7	4 437	539	13 658	4 177	677	1 509	70 462	61 875
Sales workers	**2 719 694**	**790 270**	**29.1**	**239 275**	**14 968**	**272 680**	**69 265**	**17 425**	**44 501**	**132 156**	**1 929 424**
Advertising agents and salesmen	34 182	9 965	29.2	3 441	100	3 158	1 079	147	1 138	902	24 217
Auctioneers	4 704	1 590	33.8	769	–	286	–	124	335	76	3 114
Demonstrators	3 295	1 211	36.8	265	24	665	92	–	34	131	2 084
Hucksters and peddlers	22 839	5 598	24.5	1 498	113	2 503	437	203	394	450	17 241
Insurance agents, brokers, and underwriters	293 442	107 986	36.8	54 524	2 147	27 824	7 263	1 996	7 854	6 378	185 456
Newsboys	52 716	4 414	8.4	689	122	2 126	344	136	197	800	48 302
Real estate agents and brokers	131 985	52 615	39.9	27 074	617	13 076	4 206	903	2 989	3 750	79 370
Stock and bond salesmen	39 445	12 437	31.5	6 573	217	2 590	955	112	855	1 135	27 008
Salesmen and sales clerks, n.e.c.	1 993 962	506 082	25.4	141 764	11 296	211 465	52 376	13 393	29 892	45 896	1 487 880
Sales representatives, manufacturing industries	268 532	81 530	30.4	24 193	2 184	31 188	11 576	1 657	5 031	5 701	187 002
Sales representatives, wholesale trade	490 952	137 151	27.9	39 622	3 484	57 418	15 657	3 507	7 272	10 191	353 801
Sales clerks, retail trade	743 412	149 798	20.2	40 894	3 301	61 148	11 595	4 845	9 591	18 424	593 614
General merchandise retailing	148 392	32 785	22.1	10 615	689	11 958	2 579	647	2 056	4 241	115 607
Food stores	117 990	18 409	15.6	3 959	251	8 329	1 026	640	1 281	2 923	99 581
Apparel and accessories stores	120 050	19 538	16.3	6 942	657	5 849	1 417	187	1 391	3 095	100 512
Other sales clerks, retail trade	356 980	79 066	22.1	19 378	1 704	35 012	6 573	3 371	4 863	8 165	277 914
Salesmen, retail trade	369 667	99 266	26.9	25 128	1 708	46 702	8 787	2 636	5 598	8 707	270 401
Motor vehicles and accessories dealers	192 596	54 379	28.2	13 984	857	26 326	4 143	1 425	3 066	4 578	138 217
Salesmen of services and construction	121 399	38 337	31.6	11 927	619	15 009	4 761	748	2 400	2 873	83 062
Sales workers—allocated	143 124	88 372	61.7	2 678	332	8 987	2 513	411	813	72 638	54 752

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Clerical and kindred workers	**3 302 749**	**1 014 317**	**30.7**	**328 620**	**17 107**	**357 007**	**69 454**	**18 549**	**50 927**	**172 653**	**2 288 432**
Bank tellers	31 719	8 813	27.8	5 578	178	1 394	411	66	318	868	22 906
Billing clerks	17 960	5 384	30.0	3 148	83	1 315	169	104	96	469	12 576
Bookkeepers	238 448	83 224	34.9	52 290	1 205	16 406	3 671	1 007	3 032	5 613	155 224
Cashiers	127 857	19 795	15.5	5 865	393	6 865	1 443	372	1 187	3 670	108 062
Clerical assistants, social welfare	202	115	...	24	–	68	–	–	–	23	87
Clerical supervisors, n.e.c	49 194	18 668	37.9	7 272	185	7 404	2 092	315	806	594	30 526
Collectors, bill and account	29 303	7 985	27.2	2 956	163	3 144	513	89	576	544	21 318
Counter clerks, except food	68 989	14 648	21.2	4 994	486	5 286	1 205	286	959	1 432	54 341
Dispatchers and starters, vehicle	47 211	12 919	27.4	3 408	198	6 643	980	151	638	901	34 292
Enumerators and interviewers	10 084	2 664	26.4	637	113	1 103	309	208	112	182	7 420
Estimators and investigators, n.e.c	123 674	49 589	40.1	12 634	508	22 035	8 786	753	2 286	2 587	74 085
Expediters and production controllers	141 449	46 240	32.7	13 277	591	21 325	4 950	837	2 534	2 726	95 209
File clerks	60 748	15 419	25.4	6 468	344	4 482	1 159	270	781	1 915	45 329
Insurance adjusters, examiners, and investigators	40 988	16 023	39.1	6 648	250	5 982	1 034	227	1 105	777	24 965
Library attendants and assistants	21 526	2 454	11.4	750	40	606	221	43	261	533	19 072
Mail carriers, post office	227 436	69 386	30.5	11 905	1 874	40 055	4 302	2 317	4 241	4 692	158 050
Mail handlers, except post office	68 335	16 335	23.9	4 147	360	7 840	810	424	1 002	1 752	52 000
Messengers, including telegraph, and office boys	42 964	6 730	15.7	1 332	152	2 885	478	242	605	1 036	36 234
Meter readers, utilities	31 850	8 105	25.4	1 118	172	4 732	754	244	498	587	23 745
Office machine operators	140 850	66 089	46.9	40 705	610	12 488	4 646	361	4 209	3 070	74 761
Bookkeeping and billing machine	6 257	2 310	36.9	1 464	40	486	58	23	92	147	3 947
Calculating machine	3 070	1 272	41.4	806	–	252	23	–	85	106	1 798
Computer and peripheral equipment	80 035	42 888	53.6	26 938	296	7 197	3 685	229	3 017	1 526	37 147
Duplicating machine	8 312	2 160	26.0	475	110	1 132	110	61	182	90	6 152
Keypunch	27 902	12 426	44.5	8 536	119	1 883	542	–	546	800	15 476
Tabulating machine	4 160	2 065	49.6	1 443	22	341	64	–	92	103	2 095
Office machine, n.e.c	11 114	2 968	26.7	1 043	23	1 197	164	48	195	298	8 146
Payroll and timekeeping clerks	45 507	13 945	30.6	7 010	343	4 200	783	195	433	981	31 562
Postal clerks	195 993	60 002	30.6	14 602	1 530	30 133	3 944	1 139	3 558	5 096	135 991
Proofreaders	6 163	2 884	46.8	454	10	2 240	48	–	34	98	3 279
Real estate appraisers	12 860	5 293	41.2	2 688	64	919	699	58	395	470	7 567
Receptionists	14 907	3 204	21.5	1 203	219	1 088	104	65	195	330	11 703
Secretaries	48 819	17 393	35.6	10 560	448	2 933	481	174	542	2 255	31 426
Secretaries, legal	929	418	45.0	343	–	40	–	18	–	17	511
Secretaries, medical	725	305	42.1	113	133	21	–	–	–	38	420
Shipping and receiving clerks	347 503	66 400	19.1	13 537	1 212	33 336	3 846	2 333	3 895	8 241	281 103
Statistical clerks	76 839	23 870	31.1	9 146	481	8 340	2 178	338	1 338	2 049	52 969
Stenographers	7 671	4 854	63.3	3 646	–	365	17	–	614	212	2 817
Stock clerks and storekeepers	340 670	76 142	22.4	19 249	1 741	36 023	5 233	2 396	4 830	6 670	264 528
Teacher aides, except school monitors	10 988	1 864	17.0	261	175	741	130	56	116	385	9 124
Telegraph operators	8 911	3 244	36.4	762	54	2 079	91	35	115	108	5 667
Telephone operators	21 943	6 250	28.5	983	128	3 381	754	55	327	622	15 693
Ticket, station, and express agents	57 632	21 333	37.0	7 122	387	9 827	943	500	1 570	984	36 299
Typists	53 943	18 372	34.1	9 816	185	4 954	714	140	1 210	1 353	35 571
Weighers	27 084	4 788	17.7	687	94	2 671	262	336	297	441	22 296
Miscellaneous and not specified clerical workers	322 028	93 772	29.1	38 940	1 698	30 496	8 099	1 877	5 183	7 479	228 256
Occupation:											
Miscellaneous clerical workers	141 351	44 618	31.6	15 341	794	16 519	5 350	856	2 871	2 887	96 733
Not specified clerical workers	180 677	49 154	27.2	23 599	904	13 977	2 749	1 021	2 312	4 592	131 523
Industry:											
Manufacturing	78 518	27 077	34.5	10 645	302	9 264	3 048	381	1 547	1 890	51 441
Transportation, communications, and other public utilities	56 378	17 027	30.2	8 091	333	5 263	1 056	148	843	1 293	39 351
Wholesale and retail trade	57 462	13 287	23.1	5 448	166	4 475	882	432	624	1 260	44 175

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Clerical and kindred workers—Continued											
Miscellaneous and not specified clerical workers—Continued											
Industry—Continued											
Finance, insurance, and real estate	33 656	9 258	27.5	5 085	149	1 994	571	143	438	878	24 398
Professional and related services	25 753	5 617	21.8	1 861	500	1 537	530	214	388	587	20 136
Public administration	40 849	12 974	31.8	4 930	170	4 810	1 025	391	775	873	27 875
All other industries	29 412	8 532	29.0	2 880	78	3 153	987	168	568	698	20 880
Clerical and kindred workers—allocated	182 501	120 122	65.8	2 798	433	11 223	3 195	536	1 029	100 908	62 379
Craftsmen and kindred workers	**9 907 141**	**3 942 846**	**39.8**	**159 495**	**25 132**	**2 807 345**	**266 669**	**60 809**	**122 809**	**500 587**	**5 964 295**
Automobile accessories installers	6 448	2 008	31.1	61	–	1 531	205	19	63	129	4 440
Bakers	76 251	20 705	27.2	1 318	91	14 493	559	776	1 127	2 341	55 546
Cabinetmakers	62 362	21 421	34.3	491	98	17 458	976	492	652	1 254	40 941
Carpet installers	44 029	13 209	30.0	710	111	10 288	530	207	483	880	30 820
Construction craftsmen	2 746 498	980 396	35.7	25 732	4 620	807 004	41 658	19 839	27 002	54 541	1 766 102
Brickmasons and stonemasons	162 045	60 363	37.3	784	216	51 333	2 053	599	2 117	3 261	101 682
Brickmasons and stonemasons, apprentices	3 723	1 070	28.7	–	–	834	142	–	21	73	2 653
Bulldozer operators	87 022	13 114	15.1	564	18	8 351	845	1 063	590	1 683	73 908
Carpenters	831 424	247 681	29.8	8 818	1 299	195 071	10 618	8 798	7 345	15 732	583 743
Carpenter apprentices	8 444	2 855	33.8	107	54	2 336	70	19	84	185	5 589
Cement and concrete finishers	66 914	13 349	19.9	406	103	9 878	502	378	762	1 320	53 565
Electricians	465 658	282 359	60.6	4 242	628	249 461	13 566	1 766	4 220	8 476	183 299
Electrician apprentices	20 928	9 117	43.6	172	38	7 978	311	41	201	376	11 811
Excavating, grading, and road machine operators; except bulldozer	224 101	39 657	17.7	1 485	428	25 042	3 815	2 959	1 725	4 203	184 444
Floor layers, except tile setters	20 563	5 694	27.7	282	23	4 453	157	123	176	480	14 869
Painters, construction and maintenance	313 978	76 113	24.2	3 777	767	56 016	2 846	2 048	3 887	6 772	237 865
Painter apprentices	1 466	335	22.9	–	20	269	–	–	29	17	1 131
Paperhangers	9 037	2 628	29.1	203	52	1 863	182	20	137	171	6 409
Plasterers	28 622	10 584	37.0	261	57	9 037	142	65	311	711	18 038
Plasterer apprentices	602	139	23.1	–	–	103	19	–	–	17	463
Plumbers and pipe fitters	376 301	179 929	47.8	3 201	679	158 858	4 487	1 243	3 887	7 574	196 372
Plumber and pipe fitter apprentices	14 387	5 656	39.3	106	22	4 714	263	24	244	283	8 731
Roofers and slaters	57 258	12 260	21.4	377	117	8 854	545	264	480	1 623	44 998
Structural and metal craftsmen	72 756	27 369	37.6	802	191	21 525	1 743	362	887	1 859	45 387
Tile setters	30 819	9 296	30.2	530	42	7 262	157	151	478	676	21 523
Cranesmen, derrickmen, and hoistmen	151 253	29 796	19.7	1 538	304	19 346	2 486	1 142	1 401	3 579	121 457
Decorators and window dressers	27 073	8 536	31.5	1 381	136	4 199	526	564	1 020	710	18 537
Dental laboratory technicians	19 471	10 752	55.2	232	3 682	3 499	2 204	–	597	538	8 719
Electric power linemen and cablemen	100 336	37 303	37.2	1 214	153	29 793	2 172	696	1 335	1 940	63 033
Engravers, except photoengravers	5 906	2 054	34.8	135	40	1 449	120	20	90	200	3 852
Foremen, n.e.c	1 352 848	466 422	34.5	55 262	3 596	291 703	52 915	10 749	22 627	29 570	886 426
Construction	148 728	50 198	33.8	1 965	198	38 141	3 903	1 474	1 574	2 943	98 530
Manufacturing	779 751	276 162	35.4	33 926	2 084	169 171	35 101	5 284	13 767	16 829	503 589
Metal industries	132 525	46 202	34.9	4 757	295	29 975	5 215	793	2 368	2 799	86 323
Machinery, except electrical	82 634	37 107	44.9	3 305	182	24 254	5 709	429	1 287	1 941	45 527
Electrical machinery, equipment, and supplies	66 512	29 335	44.1	3 268	101	16 593	6 711	372	1 175	1 115	37 177
Transportation equipment	96 761	42 427	43.8	4 422	260	27 534	5 983	573	1 777	1 878	54 334
Other durable goods	117 988	36 150	30.6	4 882	341	21 194	4 530	996	1 771	2 436	81 838
Food and kindred products	57 055	13 790	24.2	2 485	177	7 400	1 032	762	758	1 176	43 265
Textiles, textile products, and apparel	60 174	16 220	27.0	2 986	136	8 351	1 271	499	1 495	1 482	43 954
Other nondurable goods, including not specified manufacturing	166 102	54 931	33.1	7 821	592	33 870	4 650	860	3 136	4 002	111 171

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Foremen, n.e.c.—Continued											
Transportation	66 242	21 888	33.0	2 771	177	14 315	1 163	471	1 325	1 666	44 354
Communications, and utilities and sanitary services	73 350	28 017	38.2	2 809	133	17 302	4 303	345	1 329	1 796	45 333
Wholesale and retail trade	142 783	42 555	29.8	8 154	609	23 119	3 826	1 377	2 213	3 257	100 228
All other industries[1]	141 994	47 602	33.5	5 637	395	29 655	4 619	1 798	2 419	3 079	94 392
Furniture and wood finishers	17 784	4 829	27.2	265	18	3 242	232	179	367	526	12 955
Furriers	2 196	647	29.5	124	–	473	–	–	50	–	1 549
Glaziers	24 106	8 742	36.3	208	99	7 275	310	95	217	538	15 364
Inspectors, scalers, and graders; log and lumber	15 644	3 123	20.0	204	47	1 615	213	318	312	414	12 521
Inspectors, n.e.c.	101 614	31 940	31.4	2 827	706	17 963	5 945	966	1 377	2 156	69 674
Construction	21 424	7 004	32.7	576	35	2 876	2 561	282	242	432	14 420
Railroads and railway express service	23 474	6 546	27.9	247	90	4 851	356	132	276	594	16 928
Jewelers and watchmakers	31 491	17 508	55.6	522	68	14 921	380	86	778	753	13 983
Locomotive engineers	49 256	10 320	21.0	798	46	5 704	1 677	215	722	1 158	38 936
Locomotive firemen	12 460	2 869	23.0	162	43	1 958	109	77	140	380	9 591
Mechanics and repairmen	2 382 540	1 005 147	42.2	27 693	3 818	805 169	82 032	12 614	27 829	45 992	1 377 393
Air conditioning, heating, and refrigeration	116 108	61 591	53.0	1 098	208	52 093	3 790	611	1 339	2 452	54 517
Aircraft	137 840	87 163	63.2	1 573	241	75 071	5 231	765	2 053	2 229	50 677
Automobile body repairmen	106 630	38 629	36.2	657	113	32 996	930	331	1 385	2 217	68 001
Automobile mechanics	796 781	307 880	38.6	6 559	1 045	263 446	11 009	3 591	7 049	15 181	488 901
Automobile mechanic apprentices	3 106	777	25.0	24	–	655	–	19	41	38	2 329
Data processing machine repairmen	29 499	22 884	77.6	1 255	41	9 213	11 178	57	819	321	6 615
Farm implement	31 982	10 639	33.3	328	74	8 101	810	683	235	408	21 343
Heavy equipment mechanics, including diesel	563 888	204 871	36.3	5 834	904	164 692	14 265	3 740	5 619	9 817	359 017
Household appliance and accessory installers and mechanics	118 777	44 819	37.7	2 034	343	33 249	4 066	801	1 820	2 506	73 958
Loom fixers	20 884	4 060	19.4	274	24	2 902	146	107	205	402	16 824
Office machine	39 485	23 629	59.8	2 030	59	16 150	3 696	60	703	931	15 856
Radio and television	132 058	85 779	65.0	1 614	187	62 442	15 590	251	2 736	2 959	46 279
Railroad and car shop	54 038	17 164	31.8	532	81	13 843	644	259	704	1 101	36 874
Mechanics, except auto, apprentices	6 867	2 866	41.7	42	19	2 260	265	–	119	161	4 001
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	167 962	71 318	42.5	2 597	289	53 603	7 853	796	2 447	3 733	96 644
Manufacturing	48 406	23 107	47.7	781	66	17 482	2 697	218	972	891	25 299
Not specified mechanics and repairmen	66 608	24 721	37.1	1 308	209	17 368	2 824	562	715	1 735	41 887
Manufacturing	30 102	11 448	38.0	428	41	7 905	1 845	158	303	768	18 654
Metal craftsmen, except mechanics	1 059 481	471 323	44.5	11 046	1 409	395 217	25 227	4 684	11 999	21 741	588 158
Blacksmiths	10 042	3 273	32.6	88	–	2 571	143	125	111	235	6 769
Boilermakers	29 605	10 958	37.0	182	37	8 795	604	170	385	785	18 647
Forgemen and hammermen	14 767	3 155	21.4	179	38	2 155	217	34	167	365	11 612
Heat treaters, annealers, and temperers	20 898	4 110	19.7	275	31	2 690	244	189	155	526	16 788
Job and die setters, metal	81 695	19 549	23.9	1 089	181	13 598	1 358	551	886	1 886	62 146
Machinists	364 635	162 861	44.7	4 301	432	135 791	8 921	1 355	4 452	7 609	201 774
Machinist apprentices	9 507	3 828	40.3	191	–	3 129	211	–	131	166	5 679
Millwrights	78 093	30 102	38.5	643	127	24 994	1 337	518	828	1 655	47 991
Molders, metal	46 328	10 472	22.6	388	68	8 031	540	189	429	827	35 856
Molder apprentices	630	223	35.4	–	–	197	–	–	26	–	407
Pattern and model makers, except paper	36 192	22 798	63.0	291	45	19 103	2 118	201	425	615	13 394
Rollers and finishers, metal	18 856	3 714	19.7	373	38	2 540	118	134	116	395	15 142
Sheetmetal workers and tinsmiths	151 702	76 383	50.4	1 434	209	66 736	2 501	608	1 692	3 203	75 319
Sheetmetal apprentices	5 461	2 254	41.3	103	–	1 845	91	–	92	123	3 207

[1]Includes transportation, communications, and other public utilities—allocated

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Metal craftsmen, except mechanics—Continued											
Shipfitters	9 826	3 846	39.1	80	30	3 323	205	89	–	119	5 980
Tool and die makers	196 842	120 102	61.0	1 723	173	104 890	6 921	521	2 353	3 521	76 740
Tool and die maker apprentices	9 200	3 771	41.0	38	–	3 018	210	42	169	294	5 429
Millers, grain, flour, and feed	7 169	1 064	14.8	39	17	428	79	274	40	187	6 105
Motion picture projectionists	14 579	4 751	32.6	218	26	3 484	321	16	341	345	9 828
Opticians, and lens grinders and polishers	20 531	9 340	45.5	655	3 007	3 943	582	109	536	508	11 191
Piano and organ tuners and repairmen	5 945	2 832	47.6	61	–	1 893	277	21	470	110	3 113
Power station operators	17 287	7 227	41.8	452	27	4 881	1 212	207	257	191	10 060
Printing craftsmen	327 101	159 152	48.7	7 743	502	132 468	3 050	949	6 627	7 813	167 949
Bookbinders	14 738	4 903	33.3	195	38	3 923	118	17	330	282	9 835
Compositers and typesetters	132 994	68 984	51.9	3 605	134	57 634	1 084	322	2 744	3 461	64 010
Printing trades apprentices, *except pressmen*	5 748	2 237	38.9	284	–	1 474	60	21	131	267	3 511
Electrotypers and sterotypers	6 461	3 788	58.6	322	–	3 081	–	39	121	225	2 673
Photoengravers and lithographers	28 733	16 852	58.7	421	20	14 277	560	45	793	736	11 881
Pressmen and plate printers, printing	144 175	64 625	44.8	3 200	310	53 553	1 288	526	2 639	3 109	79 550
Pressman apprentices	2 770	729	26.3	21	–	621	–	–	70	17	2 041
Shoe repairmen	24 199	7 049	29.1	314	–	5 506	106	64	552	507	17 150
Sign painters and letterers	17 065	6 790	39.8	351	21	5 093	197	102	602	424	10 275
Stationary engineers	165 579	63 786	38.5	2 263	311	36 129	17 267	1 646	2 474	3 696	101 793
Stone cutters and stone carvers	5 816	1 279	22.0	22	22	976	82	–	80	97	4 537
Tailors	47 055	15 162	32.2	737	43	11 914	292	231	788	1 157	31 893
Telephone installers and repairmen	228 226	99 337	43.5	4 396	852	71 320	12 631	756	4 418	4 964	128 889
Telephone linemen and splicers	51 453	18 359	35.7	963	122	13 296	1 934	284	880	880	33 094
Upholsterers	50 443	14 515	28.8	557	65	11 637	298	300	526	1 132	35 928
Craftsmen and kindred workers, n.e.c	76 096	21 785	28.6	1 210	187	15 194	1 459	401	1 169	2 165	54 311
Former members of the Armed Forces	346	58	...	–	–	58	–	–	–	–	288
Craftsmen and kindred workers—allocated	559 204	361 310	64.6	7 591	845	34 825	6 406	1 711	2 861	307 071	197 894
Operatives, except transport	**6 413 849**	**1 578 356**	**24.6**	**93 143**	**15 787**	**914 732**	**94 462**	**46 891**	**68 934**	**344 407**	**4 835 493**
Asbestos and insulation workers	23 683	8 080	34.1	207	52	6 702	250	98	274	497	15 603
Assemblers	479 781	108 564	22.6	7 634	1 118	71 365	8 105	3 590	5 650	11 102	371 217
Blasters and powdermen	7 136	977	13.7	–	44	575	112	46	43	157	6 159
Bottling and canning operatives	30 627	4 738	15.5	367	116	2 661	363	180	285	766	25 889
Chainmen, rodmen, and axemen; surveying	10 834	1 850	17.1	241	12	859	492	38	20	188	8 984
Checkers, examiners, and inspectors; manufacturing	350 762	108 748	31.0	8 971	1 630	64 052	17 852	2 750	5 609	7 884	242 014
Clothing ironers and pressers	46 184	7 718	16.7	624	41	4 521	173	209	481	1 669	38 466
Cutting operatives, n.e.c	125 965	23 143	18.4	1 817	265	15 065	1 077	802	1 328	2 789	102 822
Dressmakers and seamstresses, except factory	4 059	1 089	26.8	155	–	735	17	38	–	144	2 970
Drillers, earth	53 399	9 233	17.3	568	45	5 634	690	608	417	1 271	44 166
Drywall installers and lathers	44 993	13 182	29.3	437	69	10 265	537	204	542	1 128	31 811
Dyers	21 627	2 679	12.4	193	39	1 539	197	168	144	399	18 948
Garage workers and gas station attendants	404 633	58 818	14.5	5 056	612	34 438	4 138	2 487	2 958	9 129	345 815
Graders and sorters, manufacturing	13 160	2 092	15.9	94	18	1 172	100	101	224	383	11 068
Produce graders and packers, except factory and farm	7 152	728	10.2	145	–	275	–	119	–	189	6 424

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Operatives, except transport—Continued											
Laundry and drycleaning operatives, n.e.c	61 179	11 326	18.5	1 351	263	6 500	661	318	594	1 639	49 853
Meat cutters and butchers, except manufacturing	190 767	57 228	30.0	3 601	444	41 591	1 012	1 747	3 606	5 227	133 539
Meat cutters and butchers, manufacturing	48 764	7 331	15.0	621	114	4 107	330	505	537	1 117	41 433
Meat wrappers, retail trade	2 987	469	15.7	102	–	232	56	21	–	58	2 518
Metalworking operatives, except precision machine	834 654	254 394	30.5	8 547	1 418	197 771	10 869	6 312	10 113	19 364	580 260
Filers, polishers, sanders, and buffers	92 348	14 741	16.0	1 155	186	9 047	802	650	870	2 031	77 607
Furnacemen, smeltermen, and pourers	60 280	9 898	16.4	725	202	5 680	685	421	674	1 511	50 382
Heaters, metal	6 843	1 106	16.2	72	–	749	82	44	–	159	5 737
Metal platers	28 991	5 846	20.2	401	110	3 845	351	180	285	674	23 145
Punch and stamping press operatives	114 430	22 340	19.5	1 926	197	13 783	1 438	915	1 443	2 638	92 090
Riverters and fasteners	14 233	3 006	21.1	222	–	1 688	271	218	202	405	11 227
Solderers	6 775	1 455	21.5	138	–	815	61	82	135	224	5 320
Welders and flame cutters	510 754	196 002	38.4	3 908	723	162 164	7 179	3 802	6 504	11 722	314 752
Milliners	216	61	...	–	–	41	–	–	–	20	155
Mine operatives, n.e.c	150 821	23 939	15.9	1 234	469	14 791	1 730	1 396	1 528	2 791	126 882
Coal mining	46 772	6 329	13.5	166	142	4 051	373	225	356	1 016	40 443
Crude petroleum and natural gas extractions	62 298	10 703	17.2	735	108	6 375	914	764	712	1 095	51 595
Mining and quarrying, except fuel	41 751	6 907	16.5	333	219	4 365	443	407	460	680	34 844
Mixing operatives	65 360	10 434	16.0	876	320	5 383	873	780	657	1 545	54 926
Oilers and greasers, except auto	43 861	8 642	19.7	518	103	5 516	753	246	310	1 196	35 219
Packers and wrappers, except meat and produce	195 407	31 029	15.9	3 938	687	15 856	1 972	1 239	2 134	5 203	164 378
Painters, manufactured articles	98 509	19 951	20.3	1 466	273	13 342	738	735	985	2 412	78 558
Photographic process workers	31 818	11 247	35.3	1 093	240	6 901	1 361	110	843	699	20 571
Precision machine operatives	374 258	110 972	29.7	5 287	922	85 067	5 817	2 640	4 051	7 188	263 286
Drill press operatives	55 477	12 865	23.2	742	221	9 240	564	504	632	962	42 612
Grinding machine operatives	124 460	33 032	26.5	1 957	251	24 125	1 826	1 154	1 125	2 594	91 428
Lathe and milling machine operatives	130 750	45 253	34.6	1 675	310	36 512	2 307	609	1 391	2 449	85 497
Precision machine operatives, n.e.c	63 571	19 822	31.2	913	140	15 190	1 120	373	903	1 183	43 749
Sailors and deckhands	24 940	5 306	21.3	314	–	2 813	394	76	780	929	19 634
Sawyers	92 316	12 017	13.0	781	267	7 635	511	543	707	1 573	80 299
Sewers and stitchers	53 149	9 467	17.8	962	40	5 367	127	438	574	1 959	43 682
Shoemaking machine operatives	23 321	2 776	11.9	220	86	1 512	101	138	139	580	20 545
Stationary firemen	89 533	23 960	26.8	1 212	298	14 652	3 720	884	1 325	1 869	65 573
Textile operatives	195 462	24 555	12.6	2 204	401	12 983	1 564	1 655	1 534	4 214	170 907
Carding, lapping, and combing operatives	14 805	1 772	12.0	61	24	893	127	289	77	301	13 033
Knitters, loopers, and toppers	10 747	1 542	14.3	128	43	1 021	35	38	87	190	9 205
Spinners, twisters, and winders	56 002	6 613	11.8	535	230	3 291	413	434	506	1 204	49 389
Weavers	22 666	2 490	11.0	224	–	1 408	57	152	268	381	20 176
Textile operatives, n.e.c	91 242	12 138	13.3	1 256	104	6 370	932	742	596	2 138	79 104
Winding operatives, n.e.c	29 502	7 305	24.8	654	16	5 126	450	169	305	585	22 197
Miscellaneous and not specified operatives	1 787 790	359 417	20.1	27 594	4 590	228 623	24 036	14 508	18 246	41 820	1 428 373
Occupation:											
Machine operatives, miscellaneous specified	732 499	138 601	18.9	11 419	1 826	87 685	8 675	6 227	7 584	15 185	593 898
Machine operatives, not specified	404 475	85 207	21.1	5 692	801	55 681	5 561	3 296	3 858	10 318	319 268
Miscellaneous operatives	439 435	92 137	21.0	7 335	1 497	58 461	6 506	3 391	4 676	10 271	347 298
Not specified operatives	211 381	43 472	20.6	3 148	466	26 796	3 294	1 594	2 128	6 046	167 909

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry:											
Manufacturing	1 500 977	298 427	19.9	23 240	3 781	190 217	19 360	11 808	15 354	34 667	1 202 550
Durable goods	869 951	179 696	20.7	12 452	2 251	117 403	12 026	6 482	8 550	20 532	690 255
Lumber and wood products, except furniture	60 764	8 474	13.9	498	96	5 423	450	555	308	1 144	52 290
Furniture and fixtures	35 102	4 888	13.9	521	34	2 957	290	165	284	637	30 214
Stone, clay, and glass products	80 583	13 612	16.9	668	101	8 571	713	821	787	1 951	66 971
Glass and glass products	28 471	5 927	20.8	314	77	3 951	308	251	398	628	22 544
Cement, concrete, gypsum, and plaster products	19 210	2 934	15.3	103	24	1 720	181	204	212	490	16 276
Other stone, clay, and glass products	32 902	4 751	14.4	251	–	2 900	224	366	177	833	28 151
Primary metal industries	161 048	27 986	17.4	2 314	382	17 591	1 441	1 145	1 661	3 452	133 062
Blast furnaces, steelworks, rolling and finishing mills	58 547	10 499	17.9	812	115	6 655	548	272	668	1 429	48 048
Other primary iron and steel industries	46 116	8 195	17.8	517	186	5 140	415	358	467	1 112	37 921
Primary nonferrous industries	56 385	9 292	16.5	985	81	5 796	478	515	526	911	47 093
Fabricated metal industries, including not specified metal	104 129	19 832	19.0	1 510	324	12 646	1 411	604	876	2 461	84 297
Cutlery, hand tools and other hardware	10 067	1 925	19.1	253	–	1 238	98	67	71	198	8 142
Fabricated structural metal products	26 996	5 481	20.3	297	85	3 519	494	120	304	662	21 515
Screw machine products, and metal stamping	17 878	3 247	18.2	300	39	2 028	190	96	169	425	14 631
Miscellaneous fabricated metal products and not specified metal	49 188	9 179	18.7	660	200	5 861	629	321	332	1 176	40 009
Machinery, except electrical	125 917	33 556	26.6	2 316	291	23 354	2 213	1 110	1 280	2 992	92 361
Farm machinery and equipment	10 562	2 088	19.8	152	45	1 439	109	58	78	207	8 474
Construction and material handling machines	18 053	5 434	30.1	438	–	3 713	226	193	274	590	12 619
Metalworking machinery	23 512	7 032	29.9	462	130	4 986	427	293	301	433	16 480
Office and accounting machines, and electronic computing equipment	8 578	2 745	32.0	231	–	1 793	336	–	182	203	5 833
Other machinery, except electrical	65 212	16 257	24.9	1 033	116	11 423	1 115	566	445	1 559	48 955
Electrical machinery, equipment, and supplies	90 271	22 292	24.7	1 590	310	14 548	2 041	734	973	2 096	67 979
Household appliances	12 678	2 450	19.3	196	45	1 605	138	91	161	214	10 228
Radio, T.V., and communication equipment	20 073	5 634	28.1	375	140	3 562	566	212	102	677	14 439
Electrical machinery, equipment, and supplies, n.e.c.	51 693	12 848	24.9	1 000	125	8 336	1 164	431	677	1 115	38 845
Not specified electrical machinery, equipment, and supplies	5 827	1 360	23.3	19	–	1 045	173	–	33	90	4 467
Transportation equipment	129 570	30 518	23.6	1 847	322	20 721	2 037	802	1 429	3 360	99 052
Motor vehicle and motor vehicle equipment	73 062	14 124	19.3	954	170	8 872	874	426	790	2 038	58 938
Aircraft and parts	33 875	11 434	33.8	574	115	8 669	708	198	420	750	22 441
Other transportation equipment	22 633	4 960	21.9	319	37	3 180	455	178	219	572	17 673
Professional and photographic equipment, and watches	19 980	5 880	29.4	476	215	3 650	601	226	177	535	14 100
Professional equipment and supplies	12 444	3 649	29.3	274	173	2 202	394	159	115	332	8 795
Ordnance	14 834	3 694	24.9	155	73	2 570	158	98	148	492	11 140
Miscellaneous manufacturing industries	43 674	8 170	18.7	448	103	4 850	671	201	607	1 290	35 504
Durable goods—allocated	4 079	794	19.5	109	–	522	–	21	20	122	3 285

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Manufacturing—Continued	631 026	118 731	18.8	10 788	1 530	72 814	7 334	5 326	6 804	14 135	512 295
Nondurable goods	134 371	21 071	15.7	1 716	265	11 792	1 175	1 965	1 379	2 779	113 300
Food and kindred products	29 174	3 600	12.3	381	23	1 815	183	463	356	379	25 574
Meat products	21 433	3 988	18.6	105	64	2 231	174	677	288	449	17 445
Dairy products	15 411	1 900	12.3	213	22	1 038	105	96	92	334	13 511
Canning and preserving fruits, vegetables, and sea foods	11 766	1 923	16.3	117	–	1 156	170	117	96	267	9 843
Bakery products	12 293	2 265	18.4	144	35	1 429	155	64	81	357	10 028
Beverage industries	44 294	7 395	16.7	756	121	4 123	388	548	466	993	36 899
Other food and kindred products	9 107	1 316	14.5	280	–	749	40	36	62	149	7 791
Tobacco manufactures	22 172	3 553	16.0	480	41	2 055	186	92	86	613	18 619
Apparel and other fabricated textile products	16 268	2 465	15.2	369	41	1 424	112	69	55	395	13 803
Apparel and accessories	4 636	826	17.8	111	–	433	56	23	31	172	3 810
Miscellaneous fabricated textile products	134 766	22 808	16.9	2 262	284	13 374	1 342	1 170	1 490	2 886	111 958
Paper and allied products	73 405	12 082	16.5	1 135	147	7 225	859	651	714	1 351	61 323
Pulp, paper, and paperboard mills	21 365	3 992	18.7	419	38	2 354	177	205	325	474	17 373
Miscellaneous paper and pulp products	39 996	6 734	16.8	708	99	3 795	306	314	451	1 061	33 262
Paperboard containers and boxes	42 565	13 000	30.5	996	181	9 471	419	170	737	1 026	29 565
Printing, publishing, and allied industries	34 810	10 319	29.6	796	164	7 407	362	170	632	788	24 491
Printing, publishing, and allied industries, except newspapers	121 614	26 589	21.9	2 322	401	17 234	1 799	1 015	1 133	2 685	95 025
Chemicals and allied products	39 426	9 515	24.1	755	142	6 322	709	362	436	789	29 911
Industrial chemicals	7 159	1 234	17.2	64	–	952	57	67	–	94	5 925
Synthetic fibers	6 573	1 279	19.5	64	–	836	116	37	92	134	5 294
Soaps and cosmetics	68 456	14 561	21.3	1 439	259	9 124	917	549	605	1 668	53 895
Other chemicals and allied products	27 534	6 958	25.3	702	113	4 214	842	104	368	615	20 576
Petroleum and coal products	106 332	18 778	17.7	1 699	245	11 286	1 226	617	1 346	2 359	87 554
Rubber and miscellaneous plastic products	68 487	12 035	17.6	1 007	121	7 212	752	405	1 020	1 518	56 452
Rubber products	37 845	6 743	17.8	692	124	4 074	474	212	326	841	31 102
Miscellaneous plastic products	18 321	1 927	10.5	141	–	1 123	136	71	118	338	16 394
Leather and leather products	7 981	834	10.4	43	–	528	62	42	55	104	7 147
Tanned, curried, and finished leather	5 455	365	6.7	19	–	205	37	29	–	75	5 090
Footwear, except rubber	4 885	728	14.9	79	–	390	37	–	63	159	4 157
Leather products, except footwear	14 244	2 731	19.2	190	–	1 516	169	86	85	685	11 513
Nondurable goods—allocated	–	–	–	–	–	–	–	–	–	–	–
Not specified manufacturing industries	286 813	60 990	21.3	4 354	809	38 406	4 676	2 700	2 892	7 153	225 823
Nonmanufacturing industries	33 059	7 087	21.4	229	18	4 818	503	424	318	777	25 972
Construction	12 941	2 053	15.9	157	63	1 216	178	58	58	323	10 888
Railroads and railway express service	23 559	5 588	23.7	576	–	3 658	352	186	256	560	17 971
Transportation, except railroads	24 076	6 796	28.2	327	60	4 424	775	237	411	562	17 280
Communications, and utilities and sanitary services	54 432	9 675	17.8	748	117	6 094	633	368	369	1 346	44 757
Wholesale trade	43 452	7 883	18.1	474	135	4 707	390	558	393	1 226	35 569
Retail trade											

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Nonmanufacturing industries—Continued											
Business and repair services	43 420	8 891	20.5	916	142	5 466	659	268	615	825	34 529
Public administration	28 278	7 660	27.1	487	93	5 157	609	383	305	626	20 618
All other industries[1]	23 596	5 357	22.7	440	181	2 866	577	218	167	908	18 239
Operatives, except transport—allocated	395 240	234 891	59.4	4 059	775	19 065	3 284	993	1 991	204 724	160 349
Transport equipment operatives	**2 794 540**	**562 316**	**20.1**	**44 877**	**8 267**	**273 537**	**26 825**	**22 994**	**28 602**	**157 214**	**2 232 224**
Boatman and canalmen	4 681	768	16.4	18	–	567	43	–	20	120	3 913
Bus drivers	169 004	35 696	21.1	3 221	532	20 499	2 381	2 571	2 442	4 050	133 308
Conductors and motormen, urban rail transit	9 408	2 647	28.1	257	137	1 494	124	98	146	391	6 761
Deliverymen and routemen	586 236	103 540	17.7	15 421	1 822	57 509	6 218	4 007	6 087	12 476	482 696
Forklift and tow motor operatives	213 275	32 431	15.2	2 825	579	18 860	1 657	1 792	2 074	4 644	180 844
Motormen; mine, factory, logging camp, etc	9 642	1 362	14.1	85	–	861	190	97	47	82	8 280
Parking attendants	28 063	4 698	16.7	647	128	2 285	210	210	333	885	23 365
Railroad brakemen	44 900	8 668	19.3	789	125	5 425	552	206	404	1 167	36 232
Railroad switchmen	50 441	10 972	21.8	824	220	6 952	602	249	722	1 403	39 469
Taxicab drivers and chauffeurs	140 893	28 529	20.2	3 075	1 614	15 369	1 652	731	1 856	4 232	112 364
Truck drivers	1 362 251	221 793	16.3	15 696	2 917	134 702	11 609	12 669	13 698	30 502	1 140 458
Trucking service	515 239	90 111	17.5	6 623	933	54 885	5 090	5 018	6 096	11 466	425 128
Transport equipment operatives—allocated	175 746	111 212	63.3	2 019	193	9 014	1 587	364	773	97 262	64 534
Laborers, except farm	**3 115 004**	**542 582**	**17.4**	**38 171**	**6 885**	**216 298**	**26 009**	**25 446**	**25 063**	**204 710**	**2 572 422**
Animal caretakers, except farm	30 082	4 467	14.8	361	269	1 894	334	707	249	653	25 615
Carpenters helpers	42 637	5 305	12.4	366	82	3 032	318	274	361	872	37 332
Construction laborers, except carpenters' helpers	542 671	76 059	14.0	4 291	1 045	44 613	4 869	4 374	4 424	12 443	466 612
Fishermen and oystermen	25 431	3 265	12.8	179	15	2 028	263	144	119	517	22 166
Frieght and material handlers	488 089	72 978	15.0	7 217	1 147	39 929	4 778	3 734	5 070	11 103	415 111
Garbage collectors	69 598	8 000	11.5	569	113	4 945	341	246	479	1 307	61 598
Gardeners and groundskeepers, except farm	287 712	41 762	14.5	3 508	681	19 658	2 268	6 766	2 997	5 884	245 950
Longshoremen and stevedores	45 602	7 323	16.1	516	34	4 430	428	201	369	1 345	38 279
Lumbermen, raftsmen, and woodchoppers	79 748	7 828	9.8	387	42	3 944	543	1 067	370	1 475	71 920
Stock handlers	481 672	55 714	11.6	9 378	1 122	24 880	3 968	1 830	3 836	10 700	425 958
Teamsters	6 818	830	12.2	39	–	401	83	23	43	241	5 988
Vehicle washers and equipment cleaners	104 867	14 086	13.4	1 062	336	8 493	658	505	777	2 255	90 781
Warehousemen, n.e.c	102 849	21 465	20.9	3 482	599	10 953	1 370	942	1 321	2 798	81 384
Miscellaneous and not specified laborers	544 004	70 707	13.0	4 897	1 132	38 337	4 362	3 919	3 681	14 379	473 297
Occupation:											
Miscellaneous laborers	184 102	23 278	12.6	1 408	385	13 638	1 365	1 283	1 180	4 019	160 824
Not specified laborers	359 902	47 429	13.2	3 489	747	24 699	2 997	2 636	2 501	10 360	312 473
Industry:											
Manufacturing	277 287	38 101	13.7	2 749	588	20 520	2 127	2 003	2 250	7 864	239 186
Durable goods	188 560	26 639	14.1	1 986	386	14 364	1 547	1 302	1 685	5 369	161 921
Lumber and wood products, except furniture	19 853	2 199	11.1	88	–	1 094	155	246	117	499	17 654
Furniture and fixtures	5 181	583	11.3	57	38	182	21	27	21	237	4 598
Stone, clay, and glass products	19 366	2 280	11.8	92	34	1 274	122	171	158	429	17 086
Cement, concrete, gypsum, and plaster products	8 094	1 006	12.4	72	16	638	38	–	100	142	7 088
Structural clay products	3 834	400	10.4	–	18	209	19	15	16	123	3 434
Other stone, clay, and glass products	7 438	874	11.8	20	–	427	65	156	42	164	6 564

[1] Includes transportation, communications, and other public utilities—allocated.

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Manufacturing—Continued											
Durable goods—Continued											
Primary metal industries	69 391	10 263	14.8	1 051	191	5 642	647	368	645	1 719	59 128
Blast furnaces, steel works, rolling and finishing mills	40 288	6 215	15.4	698	89	3 399	365	215	400	1 049	34 073
Other primary iron and steel industries	19 293	2 435	12.6	211	85	1 345	166	89	207	332	16 858
Primary nonferrous industries	9 810	1 613	16.4	142	17	898	116	64	38	338	8 197
Fabricated metal industries, including not specified metal	19 145	2 710	14.2	134	21	1 369	121	138	216	711	16 435
Fabricated structural metal products	8 323	1 281	15.4	52	21	574	70	56	121	387	7 042
Machinery, except electrical	16 498	2 691	16.3	106	43	1 623	210	137	117	455	13 807
Electrical machinery, equipment, and supplies	8 080	1 463	18.1	85	–	835	127	48	166	202	6 617
Transportation equipment	21 177	3 040	14.4	183	59	1 607	102	82	200	807	18 137
Motor vehicles and motor vehicle equipment	10 548	1 482	14.1	92	20	708	60	14	110	478	9 066
Ship and boat building and repairing	4 418	590	13.4	24	20	431	–	22	73	20	3 828
Other transportation equipment	6 211	968	15.6	67	19	468	42	46	17	309	5 243
Professional and photographic equipment, and watches	1 021	236	23.1	25	–	127	20	18	25	21	785
Ordnance	2 574	271	10.5	61	–	114	–	18	20	58	2 303
Miscellaneous manufacturing industries	4 056	547	13.5	–	–	398	22	49	–	78	3 509
Manufacturing, durable goods—allocated	2 218	356	16.1	104	–	99	–	–	–	153	1 862
Nondurable goods	86 868	11 238	12.9	739	202	6 051	580	658	565	2 443	75 630
Food and kindred products	33 213	4 344	13.1	270	86	2 212	88	370	227	1 091	28 869
Meat products	9 390	1 147	12.2	45	37	479	20	129	63	374	8 243
Dairy products	3 482	688	19.8	45	–	444	45	17	40	97	2 794
Canning and preserving fruits, vegetables, and sea foods	5 843	715	12.2	101	28	336	–	37	45	168	5 128
Grain-mill products	3 971	400	10.1	39	21	242	–	35	–	63	3 571
Beverage industries	4 111	556	13.5	16	–	293	23	25	19	180	3 555
Other food and kindred products	6 416	838	13.1	24	–	418	–	127	60	209	5 578
Tobacco manufactures	1 223	128	10.5	–	–	88	–	–	–	40	1 095
Textile mill products	8 785	773	8.8	41	18	290	18	33	63	310	8 012
Yarn, thread, and fabric mills	6 000	453	7.6	21	18	173	–	–	63	178	5 547
Other textile mill products	2 785	320	11.5	20	–	117	18	33	–	132	2 465
Apparel and other fabricated textile products	1 220	84	6.9	–	–	63	–	–	–	21	1 136
Paper and allied products	12 290	1 969	16.0	102	66	1 066	190	47	128	370	10 321
Pulp, paper, and paperboard mills	8 298	1 403	16.9	102	42	782	81	47	108	241	6 895
Other paper and allied products	3 992	566	14.2	–	24	284	109	–	20	129	3 426
Printing, publishing, and allied industries	3 682	457	12.4	79	–	295	21	–	–	62	3 225
Chemicals and allied products	12 276	1 708	13.9	73	32	1 036	57	152	63	295	10 568
Petroleum and coal products	3 101	591	19.1	83	–	302	79	23	61	43	2 510
Rubber and miscellaneous plastic products	7 044	836	11.9	74	–	521	91	33	23	94	6 208
Leather and leather products	2 841	313	11.0	17	–	178	21	–	–	97	2 528
Nondurable goods—allocated	1 193	35	2.9	–	–	–	15	–	–	20	1 158
Not specified manufacturing industries	1 859	224	12.0	24	–	105	–	43	–	52	1 635

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Nonmanufacturing industries	266 717	32 606	12.2	2 148	544	17 817	2 235	1 916	1 431	6 515	234 111
Railroads and railway express service	41 240	3 875	9.4	163	62	2 001	243	238	330	838	37 365
Transportation, except railroads	13 669	1 972	14.4	102	53	1 172	99	108	110	328	11 697
Utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–
Communications, and transportation, communications and other public utilities—allocated	39 267	5 598	14.3	328	79	3 195	448	312	170	1 066	33 669
Wholesale trade	36 934	4 172	11.3	302	118	2 229	319	245	160	799	32 762
Retail trade	39 588	4 102	10.4	337	66	1 972	209	277	141	1 100	35 486
Business and repair services	17 453	3 008	17.2	132	56	1 857	401	98	21	443	14 445
Personal services	19 383	2 288	11.8	153	–	1 266	77	94	112	586	17 095
Private households	13 716	1 664	12.1	84	–	935	63	75	96	411	12 052
Public administration	16 245	2 305	14.2	129	44	1 598	83	103	70	278	13 940
All other industries	42 938	5 286	12.3	502	66	2 527	356	441	317	1 077	37 652
Laborers, except farm—Allocated	263 224	152 793	58.0	1 919	268	8 761	1 426	714	967	138 738	110 431
Farmers and farm managers	**1 302 769**	**233 977**	**18.0**	**14 552**	**1 421**	**61 915**	**7 808**	**91 655**	**5 113**	**51 513**	**1 068 792**
Farmers, owners and tenants	1 188 807	185 491	15.6	13 043	1 318	56 463	6 960	86 516	4 664	16 527	1 003 316
Farm managers	51 216	9 728	19.0	1 009	57	3 015	437	4 323	259	628	41 488
Farmers and farm managers—allocated	62 746	38 758	61.8	500	46	2 437	411	816	190	34 358	23 988
Farm laborers and farm foremen	**788 803**	**106 299**	**13.5**	**4 255**	**737**	**29 822**	**3 816**	**21 970**	**3 627**	**42 072**	**682 504**
Farm foremen	28 437	5 646	19.9	646	–	2 246	361	1 755	157	481	22 791
Farm laborers, wage workers	644 083	62 375	9.7	2 992	617	24 064	2 931	16 848	3 134	11 789	581 708
Farm laborers, unpaid family workers	57 136	6 751	11.8	368	84	1 935	282	2 826	130	1 126	50 385
Farm service laborers, self employed	3 110	609	19.6	24	–	266	37	194	46	42	2 501
Farm laborers and farm foremen—allocated	56 037	30 918	55.2	225	36	1 311	205	347	160	28 634	25 119
Service workers, except private household	**3 747 308**	**1 031 984**	**27.5**	**73 197**	**36 678**	**540 045**	**49 878**	**27 647**	**64 037**	**240 502**	**2 715 324**
Cleaning service workers	1 243 038	206 769	16.6	16 697	3 598	120 390	13 547	9 502	12 723	30 312	1 036 269
Chambermaids and maids, except private household	9 499	1 234	13.0	123	19	590	–	68	35	399	8 265
Cleaners and charwomen	184 653	25 531	13.8	2 366	540	13 336	1 478	1 093	1 679	5 039	159 122
Janitors and sextons	1 048 886	180 004	17.2	14 208	3 039	106 464	12 069	8 341	11 009	24 874	868 882
Food service workers	850 110	125 858	14.8	15 313	1 729	59 268	7 491	9 123	9 525	23 409	724 252
Bartenders	142 540	28 239	19.8	4 424	501	15 009	1 954	673	1 655	4 023	114 301
Busboys	80 979	5 241	6.5	493	66	1 994	434	79	366	1 809	75 738
Cooks, except private household	303 845	55 835	18.4	5 451	550	27 501	2 640	6 295	4 645	8 753	248 010
Dishwashers	101 873	8 108	8.0	692	74	3 430	527	496	581	2 308	93 765
Food counter and fountain workers	34 426	3 499	10.2	479	15	1 311	303	276	184	931	30 927
Waiters	108 934	15 507	14.2	2 562	336	6 095	1 059	600	1 411	3 444	93 427
Food service workers, n.e.c., except private household	77 513	9 429	12.2	1 212	187	3 928	574	704	683	2 141	68 084
Health service workers	135 912	43 722	32.2	2 504	22 970	9 930	1 114	1 418	1 712	4 074	92 190
Dental assistants	1 515	547	36.1	39	251	82	38	–	19	118	968
Health aides, except nursing	17 651	4 961	28.1	329	1 485	1 656	229	329	365	568	12 690
Health trainees	988	137	13.9	–	43	42	–	–	37	15	851
Lay midwives	226	16	...	–	–	16	–	–	–	–	210
Nursing aides, orderlies, and attendants	107 022	32 429	30.3	1 953	16 319	7 894	847	1 061	1 206	3 149	74 593
Practical nurses	8 510	5 632	66.2	183	4 872	240	–	28	85	224	2 878

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Male, 16 years old and over—Continued											
Service workers, except private household—Continued											
Personal service workers	380 431	188 727	49.6	7 539	2 091	158 927	2 707	1 619	7 107	8 737	191 704
Airline stewardesses	1 242	501	40.3	121	37	232	34	21	37	19	741
Attendants, recreation and amusement	52 792	7 933	15.0	1 345	213	3 541	603	244	761	1 226	44 859
Attendants, personal service, n.e.c.	21 432	3 812	17.8	509	703	1 569	115	101	279	536	17 620
Baggage porters and bellhops	18 152	3 387	18.7	247	112	1 892	195	62	329	550	14 765
Barbers	160 471	119 302	74.3	1 895	283	109 926	597	300	3 029	3 272	41 169
Boarding and lodge house keepers	1 764	433	24.5	128	20	231	32	–	–	22	1 331
Bootblacks	3 505	301	8.6	–	–	182	–	17	33	69	3 204
Child care workers, except private household	7 963	1 817	22.8	344	310	767	34	49	155	158	6 146
Elevator operators	26 793	3 561	13.3	445	–	1 521	246	167	358	824	23 232
Hairdressers and cosmetologists	46 946	39 534	84.2	837	171	35 841	239	–	1 278	1 168	7 412
Personal service apprentices	543	440	81.0	–	–	421	–	–	–	19	103
Housekeepers, except private household	25 538	6 165	24.1	1 416	204	2 428	460	561	604	492	19 373
School monitors	2 115	304	14.4	19	18	90	43	20	74	40	1 811
Ushers, recreation and amusement	9 088	928	10.2	134	–	331	88	–	64	311	8 160
Welfare service aides	2 630	749	28.5	99	20	376	21	77	106	50	1 881
Protective service workers	863 732	299 594	34.7	28 439	5 782	180 110	22 833	5 396	31 858	25 176	564 138
Crossing guards and bridge tenders	17 134	3 282	19.2	538	24	1 694	204	72	250	500	13 852
Firemen, fire protection	174 351	65 560	37.6	4 660	1 093	43 587	5 106	776	5 290	5 048	108 791
Guards and watchmen	298 129	72 978	24.5	9 176	1 835	40 352	4 793	2 211	6 431	8 180	225 151
Marshals and constables	5 013	1 482	29.6	124	61	843	85	98	174	97	3 531
Policemen and detectives	337 949	143 870	42.6	12 305	2 467	86 559	11 757	1 969	18 279	10 534	194 079
Public	324 664	139 915	43.1	11 617	2 395	84 776	11 441	1 800	17 733	10 153	184 749
Private	13 285	3 955	29.8	688	72	1 783	316	169	546	381	9 330
Sheriffs and bailiffs	31 156	12 422	39.9	1 636	302	7 075	888	270	1 434	817	18 734
Service workers, except private household—allocated	274 085	167 314	61.0	2 705	508	11 420	2 186	589	1 112	148 794	106 771
Private household workers	**35 230**	**6 447**	**18.3**	**595**	**267**	**1 500**	**59**	**406**	**392**	**3 228**	**28 783**
Occupation:											
Child care workers, private household	4 358	194	4.5	94	–	17	15	44	–	24	4 164
Cooks, private household	1 859	358	19.3	47	–	180	–	34	53	44	1 501
Housekeepers, private household	3 243	508	15.7	60	79	165	–	78	38	88	2 735
Laundresses, private household	436	56	12.8	17	–	21	–	–	18	–	380
Maids and servants, private household	22 493	3 599	16.0	377	188	1 067	44	250	283	1 390	18 894
Private household workers—allocated	2 841	1 732	61.0	–	–	50	–	–	–	1 682	1 109
Living arrangement:											
Living in	2 508	511	20.4	57	38	120	–	90	22	184	1 997
Housekeepers, private household	686	78	11.4	17	–	–	–	11	–	50	608
Maids and servants, private household	1 311	418	31.9	40	38	120	–	64	22	134	893
Living out	32 722	5 936	18.1	538	229	1 380	59	316	370	3 044	26 786

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—*Continued*

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over	**25 913 340**	**7 320 833**	**28.3**	**3 149 625**	**1 396 305**	**961 234**	**48 062**	**105 489**	**202 889**	**1 457 229**	**18 592 507**
Professional, technical, and kindred workers	**2 125 260**	**1 111 125**	**52.3**	**164 785**	**683 182**	**40 115**	**18 545**	**9 136**	**46 698**	**148 664**	**1 014 135**
Accountants	155 178	57 368	37.0	48 721	1 429	2 499	214	223	1 135	3 147	97 810
Architects	566	244	43.1	126	–	34	45	–	–	39	322
Computer specialists	25 904	12 540	48.4	9 917	227	570	534	–	667	625	13 364
Computer programers	18 334	9 399	51.3	7 416	140	407	347	–	555	534	8 935
Computer systems analysts	6 378	2 629	41.2	2 119	65	137	145	–	92	71	3 749
Computer specialist, n.e.c	1 192	512	43.0	382	22	26	42	–	20	20	680
Engineers	11 289	4 039	35.8	1 044	84	806	1 562	56	96	391	7 250
Aeronautical and astronautical	555	194	35.0	39	19	58	78	–	–	–	361
Chemical	107	–	–	–	–	–	–	–	–	–	107
Civil	1 188	366	30.8	41	–	24	249	–	30	22	822
Electrical and electronic	2 548	764	30.0	167	–	156	375	–	21	45	1 784
Industrial	4 094	1 542	37.7	702	44	294	317	35	19	131	2 552
Mechanical	875	489	55.9	20	–	98	306	–	26	39	386
Metallurgical and materials	61	21	...	–	21	–	–	–	–	–	40
Mining	19	–	–	–	–	–	–	–	–	–	19
Petroleum	64	40	...	–	–	16	24	–	–	–	24
Sales	219	69	...	–	–	16	33	–	–	20	150
Engineers, n.e.c	1 559	554	35.5	75	–	144	180	21	–	134	1 005
Farm management advisors	205	–	–	–	–	–	–	–	–	–	205
Foresters and conservationists	1 402	285	20.3	83	–	108	18	18	–	58	1 117
Home management advisors	1 185	437	36.9	42	90	–	–	224	22	59	748
Lawyers and judges	3 480	1 176	33.8	845	52	66	–	–	144	69	2 304
Judges	390	168	...	112	18	20	–	–	18	–	222
Lawyers	3 090	1 008	32.6	733	34	46	–	–	126	69	2 082
Librarians, archivists, and curators	36 773	8 424	22.9	5 091	547	403	89	114	1 355	825	28 349
Librarians	35 743	7 984	22.3	4 972	490	362	64	92	1 251	753	27 759
Archivists and curators	1 030	440	42.7	119	57	41	25	22	104	72	590
Mathematical specialists	7 027	2 123	30.2	1 824	36	146	–	–	22	95	4 904
Actuaries	782	161	20.6	161	–	–	–	–	–	–	621
Mathematicians	521	34	6.5	34	–	–	–	–	–	–	487
Statistians	5 724	1 928	33.7	1 629	36	146	–	–	22	95	3 796
Life and physical scientists	7 850	3 061	39.0	556	1 324	379	431	112	124	135	4 789
Agricultural	853	280	32.8	183	–	–	20	57	–	20	573
Atmospheric and space	468	145	31.0	41	21	83	–	–	–	–	323
Biological	2 947	1 408	47.8	81	907	78	139	39	101	63	1 539
Chemists	3 083	1 089	35.3	188	339	218	253	16	23	52	1 994
Geologists	172	62	...	41	21	–	–	–	–	–	110
Marine	68	22	...	22	–	–	–	–	–	–	46
Physicists and astronomers	161	39	...	–	20	–	19	–	–	–	122
Life and physical, n.e.c	98	16	...	–	16	–	–	–	–	–	82
Operations and systems researchers and analysts	4 465	1 467	32.9	883	216	107	72	–	65	124	2 998
Personnel and labor relations workers	69 132	20 942	30.3	15 168	1 609	1 641	159	119	813	1 433	48 190
Physicians, dentists, and related practitioners	12 193	5 572	45.7	669	3 725	131	89	84	373	501	6 621
Chiropractors	496	304	61.3	34	206	–	–	–	19	45	192
Dentists	1 424	734	51.5	39	514	22	–	24	71	64	690
Optometrists	168	90	...	21	33	–	–	–	36	–	78
Pharmacists	4 801	1 484	30.9	381	684	84	30	17	82	206	3 317
Physicians, medical and osteopathic	4 551	2 635	57.9	175	2 044	25	59	43	146	143	1 916
Podiatrists	297	196	...	–	134	–	–	–	19	43	101
Veterinarians	349	104	...	19	85	–	–	–	–	–	245
Health practitioners, n.e.c	107	25	...	–	25	–	–	–	–	–	82

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Professional, technical, and kindred workers—Continued											
Registered nurses, dieticians, and therapists	728 285	589 726	81.0	7 350	567 250	2 628	270	2 267	1 489	8 472	138 559
Dietitians	22 681	6 417	28.3	1 057	2 283	642	–	1 523	452	460	16 264
Registered nurses	685 649	573 080	83.6	5 510	556 930	1 451	270	698	745	7 476	112 569
Therapists	19 955	10 229	51.3	783	8 037	535	–	46	292	536	9 726
Health technologists and technicians	137 874	88 643	64.3	4 366	75 652	1 412	3 402	151	1 371	2 289	49 231
Clinical laboratory technologists and technicians	53 844	35 067	65.1	1 425	29 392	529	2 176	57	485	1 003	18 777
Dental hygienists	12 074	8 223	68.1	82	7 752	21	–	–	82	286	3 851
Health record technologists and technicians	6 934	3 356	48.4	1 228	1 665	65	83	–	173	142	3 578
Radiologic technologists and technicians	34 768	27 544	79.2	636	25 008	199	895	38	422	346	7 224
Therapy assistants	1 817	496	27.3	42	321	81	15	–	–	37	1 321
Health technologists and technicians, n.e.c	28 437	13 957	49.1	953	11 514	517	233	56	209	475	14 480
Religious workers	15 829	5 078	32.1	2 005	794	375	–	60	1 380	464	10 751
Clergymen	4 184	1 486	35.5	493	153	121	–	–	611	108	2 698
Religious workers, n.e.c	11 645	3 592	30.8	1 512	641	254	–	60	769	356	8 053
Social scientists	5 275	1 563	29.6	977	346	42	19	38	17	124	3 712
Economists	3 482	959	27.5	753	61	42	–	38	–	65	2 523
Political scientists	68	–	–	–	–	–	–	–	–	–	68
Psycologists	1 086	423	39.0	120	244	–	–	–	–	59	663
Sociologists	77	41	...	–	41	–	–	–	–	–	36
Urban and regional planners	161	78	...	42	–	–	19	–	17	–	83
Social scientists, n.e.c	401	62	15.5	62	–	–	–	–	–	–	339
Social and recreation workers	60 718	15 681	25.8	7 412	2 923	1 497	20	486	1 682	1 661	45 037
Social	46 088	12 977	28.2	6 278	2 440	1 060	20	404	1 435	1 340	33 111
Recreation	14 630	2 704	18.5	1 134	483	437	–	82	247	321	11 926
Teachers, college and university	23 674	6 429	27.2	1 755	2 467	689	136	215	540	627	17 245
Agriculture	24	24	...	–	24	–	–	–	–	–	–
Atmospheric, earth, marine, and space	67	–	–	–	–	–	–	–	–	–	67
Biology	433	75	17.3	22	28	–	–	–	–	25	358
Chemistry	134	43	...	–	–	–	23	–	20	–	91
Physics	75	36	...	36	–	–	–	–	–	–	39
Engineering	351	154	...	69	–	19	24	–	42	–	197
Mathematics	619	111	17.9	46	27	18	–	–	–	20	508
Health specialities	3 014	2 042	67.8	164	1 631	60	22	83	27	55	972
Psychology	92	–	–	–	–	–	–	–	–	–	92
Business and commerce	303	172	...	152	–	–	–	–	20	–	131
Economics	39	–	–	–	–	–	–	–	–	–	39
History	164	21	...	–	–	–	–	–	–	21	143
Sociology	109	40	...	40	–	–	–	–	–	–	69
Social science teachers, n.e.c	141	38	...	16	22	–	–	–	–	–	103
Art, drama, and music	1 964	385	19.6	47	94	37	–	–	187	20	1 579
Coaches and physical education	642	65	10.1	–	23	–	–	–	–	42	577
Education	76	–	–	–	–	–	–	–	–	–	76
English	815	185	22.7	68	–	–	–	–	–	117	630
Foreign language	942	286	30.4	111	–	20	–	23	40	92	656
Home economics	480	200	41.7	39	20	76	–	22	23	20	280
Law	19	–	–	–	–	–	–	–	–	–	19
Theology	178	28	...	28	–	–	–	–	–	–	150
Trade, industrial and technical	372	160	...	19	38	103	–	–	–	–	212
Miscellaneous teachers, college and university	434	148	34.1	38	58	–	–	25	27	–	286
Teachers, college and university, subject not specified	12 187	2 216	18.2	860	502	356	67	62	154	215	9 971

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Professional, technical, and kindred workers—Continued											
Teachers, except college and university	372 990	83 626	22.4	21 814	10 745	8 965	643	2 781	24 317	14 361	289 364
Adult education	11 071	3 778	34.1	1 914	471	586	67	179	322	239	7 293
Elementary school	196 632	36 419	18.5	8 301	3 356	2 406	339	1 070	12 300	8 647	160 213
Public	133 707	24 222	18.1	5 422	2 159	1 617	228	748	7 581	6 467	109 485
Private	62 925	12 197	19.4	2 879	1 197	789	111	322	4 719	2 180	50 728
Prekindergarten and kindergarten	61 311	13 839	22.6	4 818	1 937	1 292	88	480	3 364	1 860	47 472
Public	16 654	4 039	24.3	961	478	413	23	117	1 193	854	12 615
Private	44 657	9 800	21.9	3 857	1 459	879	65	363	2 171	1 006	34 857
Secondary school	37 344	9 153	24.5	2 252	1 313	1 459	50	610	1 743	1 726	28 191
Public	27 778	6 891	24.8	1 542	1 127	1 281	50	441	1 176	1 274	20 887
Private	9 566	2 262	23.6	710	186	178	–	169	567	452	7 304
Teachers, except college and university, n.e.c	66 632	20 437	30.7	4 529	3 668	3 222	99	442	6 588	1 889	46 195
Engineering and science technicians	75 597	24 012	31.8	5 850	3 679	3 244	8 658	491	870	1 220	51 585
Agriculture and biological, except health	8 785	1 962	22.3	519	592	198	263	112	106	172	6 823
Chemical	6 882	1 532	22.3	356	331	179	457	17	106	86	5 350
Draftsmen	20 473	9 120	44.5	1 474	247	1 053	5 545	78	310	413	11 353
Electrical and electronic engineering	8 595	3 250	37.8	963	330	800	846	62	117	132	5 345
Industrial engineering	2 386	736	30.8	290	133	105	104	24	55	25	1 650
Mechanical engineering	294	76	...	19	–	41	–	–	–	16	218
Mathematical	36	17	...	17	–	–	–	–	–	–	19
Surveyors	1 646	552	33.5	308	–	68	119	–	25	32	1 094
Engineering and science, n.e.c	26 500	6 767	25.5	1 904	2 046	800	1 324	198	151	344	19 733
Technicians, except health, and engineering and science	15 240	4 529	29.7	1 840	1 031	852	262	18	241	285	10 711
Airplane pilots	434	342	78.8	20	15	198	42	–	45	22	92
Air traffic controllers	1 043	292	28.0	147	23	102	–	–	–	20	751
Embalmers	121	39	...	19	20	–	–	–	–	–	82
Flight engineers	61	–	–	–	–	–	–	–	–	–	61
Radio operators	7 347	1 725	23.5	1 066	143	258	21	–	102	135	5 622
Tool programers, numerical control	252	73	...	44	–	17	12	–	–	–	179
Technicians, n.e.c	5 982	2 058	34.4	544	830	277	187	18	94	108	3 924
Vocational and educational counselors	11 321	2 659	23.5	1 019	495	224	–	94	346	481	8 662
Writers, artists, and entertainers	152 324	44 073	28.9	15 605	2 270	10 867	1 501	1 233	8 650	3 947	108 251
Actors	2 731	898	32.9	166	420	41	–	–	230	41	1 833
Athletes and kindred workers	11 538	2 404	20.8	873	266	393	35	–	418	419	9 134
Authors	3 227	839	26.0	459	22	41	36	28	223	30	2 388
Dancers	4 654	1 005	21.6	299	78	221	–	–	330	77	3 649
Designers	17 866	7 799	43.7	1 401	212	3 387	398	775	957	669	10 067
Editors and reporters	30 856	7 360	23.9	4 669	274	809	58	50	883	617	23 496
Musicians and composers	22 701	4 601	20.3	1 733	279	433	76	39	1 541	500	18 100
Painters and sculptors	27 172	9 698	35.7	1 453	192	3 696	306	202	3 017	832	17 474
Photographers	7 705	2 275	29.5	574	102	1 112	50	26	153	258	5 430
Public relations men and publicity writers	11 953	3 632	30.4	2 622	205	266	85	41	194	219	8 321
Radio and television announcers	973	259	26.6	43	–	21	53	–	126	16	714
Writers, artists, and entertainers, n.e.c	10 948	3 303	30.2	1 313	220	447	404	72	578	269	7 645
Research workers, not specified	10 121	2 192	21.7	1 216	397	223	111	60	65	120	7 929
Professional, technical, and kindred workers—allocated	179 363	125 236	69.8	8 607	5 794	2 207	310	292	914	107 112	54 127

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Managers and administrators, except farm	**911 101**	**258 614**	**28.4**	**144 319**	**24 954**	**30 273**	**2 571**	**6 352**	**10 892**	**39 253**	**652 487**
Assessors, controllers, and treasurers; local public administration	10 206	2 611	25.6	2 003	133	135	–	23	139	178	7 595
Bank officiers and financial managers	49 323	14 765	29.9	12 408	259	590	60	41	366	1 041	34 558
Buyers and shippers, farm products	440	100	22.7	74	26	–	–	–	–	–	340
Buyers, wholesale and retail trade	45 210	11 784	26.1	7 236	583	1 783	101	124	555	1 402	33 426
Credit men	16 201	5 113	31.6	4 206	146	321	–	21	129	290	11 088
Funeral directors	1 917	1 018	53.1	347	273	140	41	–	186	31	899
Health administrators	26 240	13 551	51.6	3 214	8 490	458	97	369	199	724	12 689
Construction inspectors; public administration	164	90	...	19	–	19	41	–	11	–	74
Inspectors, except construction; public administration	4 848	1 561	32.2	601	210	352	54	170	16	158	3 287
Federal public administration and postal service	3 282	1 044	31.8	442	143	237	14	131	16	61	2 238
State public administration	952	296	31.1	86	48	93	18	19	–	32	656
Local public administration	614	221	36.0	73	19	22	22	20	–	65	393
Managers and superintendents, building	32 120	9 159	28.5	4 886	1 029	1 373	176	247	655	793	22 961
Office managers, n.e.c	80 091	29 989	37.4	25 363	1 363	1 205	19	120	466	1 453	50 102
Officers, pilots, and pursers; ship	504	270	53.6	117	–	58	–	–	95	–	234
Officials and administrators; public administration, n.e.c	36 692	12 284	33.5	9 249	774	754	152	56	449	850	24 408
Federal public administration and postal service	14 791	5 277	35.7	4 298	225	222	25	–	174	333	9 514
State public administration	4 718	1 489	31.6	1 069	131	98	18	39	42	92	3 229
Local public administration	17 183	5 518	32.1	3 882	418	434	109	17	233	425	11 665
Officials of lodges, societies, and unions	5 181	1 712	33.0	879	147	207	24	69	211	175	3 469
Postmasters and mail superintendents	10 098	1 600	15.8	951	120	168	15	62	146	138	8 498
Purchasing agents and buyers, n.e.c	20 386	6 970	34.2	5 278	385	507	113	58	277	352	13 416
Railroad conductors	419	95	22.7	22	–	62	–	–	11	–	324
Restaurant, cafeteria, and bar managers	105 975	20 104	19.0	7 651	2 197	3 307	130	2 840	1 077	2 902	85 871
Sales managers and department heads, retail trade	47 674	9 294	19.5	5 030	662	1 656	54	215	647	1 030	38 380
Sales managers, except retail trade	7 513	2 166	28.8	1 279	158	255	–	41	169	264	5 347
School administrators, college	2 954	866	29.3	545	105	91	–	–	63	62	2 088
School administrators, elementary and secondary	10 633	2 981	28.0	1 145	413	307	42	176	548	350	7 652
Managers and administrators, n.e.c., salaried	226 886	59 510	26.2	35 870	3 973	9 205	982	743	2 783	5 954	167 376
Construction	3 975	1 322	33.3	469	43	490	82	20	–	218	2 653
Durable goods manufacturing	10 584	4 097	38.7	2 428	210	652	257	127	118	305	6 487
Nondurable goods manufacturing, including not specified	13 796	3 556	25.8	2 186	148	557	67	–	241	357	10 240
Transportation	13 437	4 608	34.3	2 879	189	598	54	82	321	485	8 829
Communications, and utilities and sanitary services	9 094	2 346	25.8	1 672	54	260	117	–	117	126	6 748
Wholesale trade	9 035	2 833	31.4	1 913	139	350	–	–	78	353	6 202
Retail trade	79 989	16 667	20.8	9 268	1 118	3 042	166	316	683	2 074	63 322
Hardware, farm equipment, and building material retailing	1 722	387	22.5	271	22	57	–	–	–	37	1 335
General merchandise stores	20 552	4 100	19.9	2 443	180	765	61	41	204	406	16 452
Food stores	16 500	2 551	15.5	1 198	285	528	36	–	121	383	13 949
Motor vehicles and accessories retailing	2 204	790	35.8	486	19	152	17	–	24	92	1 414
Gasoline service stations	1 946	506	26.0	183	25	167	–	18	26	87	1 440
Apparel and accessories stores	16 674	3 752	22.5	2 249	301	612	–	53	120	417	12 922
Furniture, home furnishings, and equipment stores	3 062	761	24.9	374	48	181	16	100	–	42	2 301
Other retail trade	17 329	3 820	22.0	2 064	238	580	36	104	188	610	13 509

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Managers and administrators, except farm—Continued											
Managers and administrators, n.e.c., salaried—Continued											
Finance, insurance, and real estate	19 474	6 218	31.9	4 859	347	389	21	44	140	418	13 256
Business and repair services	11 389	3 668	32.2	2 271	237	477	9	20	209	445	7 721
Personal services	29 535	6 440	21.8	3 240	675	1 504	79	73	288	581	23 095
All other industries	26 578	7 755	29.2	4 685	813	886	130	61	588	592	18 823
Managers and administrators, n.e.c., self-employed	131 387	28 851	22.0	13 991	2 746	6 708	389	893	1 582	2 542	102 536
Construction	1 722	368	21.4	137	–	87	72	–	56	16	1 354
Durable goods manufacturing	1 965	423	21.5	198	54	89	–	–	19	63	1 542
Nondurable goods manufacturing, including not specified	3 477	913	26.3	549	19	183	–	21	82	59	2 564
Transportation	1 952	686	35.1	425	20	166	–	17	19	39	1 266
Communications, and utilities and sanitary services	169	50	...	29	–	21	–	–	–	–	119
Wholesale trade	3 503	1 027	29.3	617	59	121	20	24	82	104	2 476
Retail trade	81 593	15 975	19.6	7 426	1 444	3 924	198	613	872	1 498	65 618
Hardware, farm equipment, and building material retailing	2 151	519	24.1	321	42	45	–	19	30	62	1 632
General merchandise stores	7 427	1 434	19.3	794	94	327	–	38	68	113	5 993
Food stores	31 005	3 758	12.1	1 605	445	927	55	75	131	520	27 247
Motor vehicles and accessories retailing	999	274	27.4	192	21	61	–	–	–	–	725
Gasoline service stations	3 386	622	18.4	228	105	159	42	21	42	25	2 764
Apparel and accessories stores	9 161	2 055	22.4	1 087	148	495	20	67	55	183	7 106
Furniture, home furnishings, and equipment stores	3 528	787	22.3	286	76	216	26	106	39	38	2 741
Other retail trade	23 936	6 526	27.3	2 913	513	1 694	55	287	507	557	17 410
Finance, insurance, and real estate	2 071	890	43.0	568	140	73	–	–	42	67	1 181
Business and repair services	4 815	1 719	35.7	986	102	340	18	40	88	145	3 096
Personal services	24 074	5 191	21.6	2 316	639	1 516	35	117	221	347	18 883
All other industries	6 046	1 609	26.6	740	269	188	46	61	101	204	4 437
Managers and administrators, except farm—allocated	38 039	22 170	58.3	1 955	762	612	81	84	112	18 564	15 869
Sales workers	**2 069 963**	**437 710**	**21.1**	**197 051**	**28 183**	**56 316**	**2 651**	**7 715**	**17 660**	**128 134**	**1 632 253**
Advertising agents and salesmen	11 132	3 043	27.3	2 079	54	433	61	26	154	236	8 089
Auctioneers	237	39	...	39	–	–	–	–	–	–	198
Demonstrators	33 757	8 003	23.7	4 103	776	1 813	61	274	460	516	25 754
Hucksters and peddlers	91 850	17 518	19.1	9 898	2 116	2 641	207	366	896	1 394	74 332
Insurance agents, brokers, and underwriters	52 143	17 470	33.5	13 257	727	1 206	166	172	669	1 273	34 673
Newsboys	10 550	1 664	15.8	867	178	250	–	14	139	216	8 886
Real estate agents and brokers	74 868	34 690	46.3	26 297	1 417	2 320	135	195	2 344	1 982	40 178
Stock and bond salesmen	6 355	2 334	36.7	1 735	37	132	21	–	188	221	4 021
Salesmen and sales clerks, n.e.c.	1 635 762	255 765	15.6	133 424	20 301	45 323	1 868	6 385	12 426	36 038	1 379 997
Sales representatives, manufacturing industries	32 433	6 623	20.4	3 689	606	1 129	62	178	283	676	25 810
Sales representatives, wholesale trade	38 518	8 442	21.9	4 080	628	1 910	122	233	527	942	30 076
Sales clerks, retail trade	1 436 240	213 978	14.9	111 462	16 882	37 908	1 155	5 397	10 114	31 060	1 222 262
General merchandise retailing	645 267	98 050	15.2	53 769	7 188	16 363	554	2 416	4 483	13 277	547 217
Food stores	163 421	19 310	11.8	9 141	1 749	3 593	61	599	731	3 436	144 111
Apparel and accessories stores	266 449	40 024	15.0	21 518	2 913	5 933	128	831	2 089	6 612	226 425
Other sales clerks, retail trade	361 103	56 594	15.7	27 034	5 032	12 019	412	1 551	2 811	7 735	304 509
Salesmen, retail trade	55 686	10 971	19.7	5 617	712	1 990	158	371	808	1 315	44 715
Motor vehicles and accessories dealers	4 900	1 047	21.4	372	149	318	–	17	53	138	3 853
Salesmen of services and construction	72 885	15 751	21.6	8 576	1 473	2 386	371	206	694	2 045	57 134
Sales workers—allocated	153 309	97 184	63.4	5 352	2 577	2 198	132	283	384	86 258	56 125

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Clerical and kindred workers	**9 768 897**	**3 113 806**	**31.9**	**2 273 253**	**129 063**	**171 350**	**10 092**	**22 054**	**58 102**	**449 892**	**6 655 091**
Bank tellers	211 545	50 402	23.8	38 595	1 800	3 614	19	598	1 355	4 421	161 143
Billing clerks	82 569	23 350	28.3	18 661	891	1 474	126	111	530	1 557	59 219
Bookkeepers	1 230 492	382 747	31.1	318 096	13 401	19 406	1 048	2 517	5 945	22 334	847 745
Cashiers	685 272	105 301	15.4	60 647	6 870	16 510	520	2 448	4 283	14 023	579 971
Clerical assistants, social welfare	831	197	23.7	121	43	18	–	–	–	15	634
Clerical supervisors, n.e.c	44 581	14 291	32.1	11 628	682	930	80	44	189	738	30 290
Collectors, bill and account	17 748	4 277	24.1	3 179	314	363	–	60	79	282	13 471
Counter clerks, except food	147 005	27 293	18.6	16 552	2 081	3 788	230	428	979	3 235	119 712
Dispatchers and starters, vehicle	10 795	2 453	22.7	1 490	201	474	–	19	20	249	8 342
Enumerators and interviewers	47 050	11 217	23.8	7 200	1 506	1 318	167	150	314	562	35 833
Estimators and investigators, n.e.c	92 327	24 257	26.3	18 753	971	2 079	153	115	657	1 529	68 070
Expediters and production controllers	42 111	11 586	27.5	8 590	559	1 055	98	221	384	679	30 525
File clerks	289 871	64 214	22.2	45 800	3 653	5 995	344	745	1 457	6 220	225 657
Insurance adjusters, examiners, and investigators	21 446	7 103	33.1	4 728	1 285	433	65	40	175	377	14 343
Library attendants and assistants	80 811	14 631	18.1	9 276	1 149	1 065	39	157	1 533	1 412	66 180
Mail carriers, post office	19 123	3 442	18.0	1 534	435	761	145	94	140	333	15 681
Mail handlers, except post office	52 177	10 462	20.1	6 621	564	1 196	90	295	290	1 406	41 715
Messengers, including telegraph, and office boys	11 115	1 950	17.5	988	135	238	–	80	76	433	9 165
Meter readers, utilities	971	280	28.8	141	–	74	–	–	–	65	691
Office machine operators	407 688	191 351	46.9	165 050	2 740	9 941	418	722	4 353	8 127	216 337
Bookkeeping and billing machine	57 115	17 970	31.5	14 916	332	993	45	185	461	1 038	39 145
Calculating machine	32 295	16 446	50.9	15 152	143	488	–	22	123	518	15 849
Computer and peripheral equipment	34 037	15 270	44.9	12 588	185	1 141	133	65	516	642	18 767
Duplicating machine	10 948	2 586	23.6	1 666	198	393	–	60	83	186	8 362
Keypunch	244 835	130 954	53.5	114 883	1 497	6 166	217	309	2 902	4 980	113 881
Tabulating machine	4 594	1 714	37.3	1 424	29	111	–	–	44	106	2 880
Office machine, n.e.c	23 864	6 411	26.9	4 421	356	649	23	81	224	657	17 453
Payroll and timekeeping clerks	105 168	32 611	31.0	27 366	699	2 077	160	117	435	1 757	72 557
Postal clerks	86 771	19 226	22.2	10 720	1 915	3 628	107	258	721	1 877	67 545
Proofreaders	18 675	4 512	24.2	2 713	200	799	–	32	384	384	14 163
Real estate appraisers	792	382	48.2	255	20	47	40	–	20	–	410
Receptionists	278 846	70 863	25.4	45 874	9 425	7 098	397	829	2 242	4 998	207 983
Secretaries	2 513 003	949 221	37.8	835 608	30 632	25 019	2 081	3 990	10 683	41 208	1 563 782
Secretaries, legal	80 600	35 750	44.4	33 440	394	459	44	253	191	969	44 850
Secretaries, medical	65 462	28 087	42.9	18 318	7 540	611	133	71	408	1 006	37 375
Shipping and receiving clerks	58 117	10 841	18.7	6 762	702	1 700	96	87	313	1 181	47 276
Statistical clerks	150 639	41 676	27.7	31 960	2 526	2 643	273	339	1 275	2 660	108 963
Stenographers	116 621	52 577	45.1	48 425	607	802	97	103	813	1 730	64 044
Stock clerks and storekeepers	99 383	23 188	23.3	15 018	1 896	2 650	209	366	675	2 374	76 195
Teacher aides, except school monitors	111 218	24 584	22.1	12 099	3 059	3 194	243	837	2 742	2 410	86 634
Telegraph operators	3 532	1 157	32.8	714	44	195	19	18	–	167	2 375
Telephone operators	388 435	78 924	20.3	50 234	4 295	10 826	341	1 176	2 955	9 097	309 511
Ticket, station, and express agents	32 712	11 208	34.3	6 291	611	2 691	64	67	894	590	21 504
Typists	901 192	281 467	31.2	238 481	8 157	12 192	547	1 695	3 876	16 519	619 725
Weighers	11 081	1 510	13.6	789	77	316	–	39	75	214	9 571
Miscellaneous and not specified clerical workers	892 033	237 418	26.6	176 993	14 248	17 267	1 425	2 257	5 330	19 898	654 615
Occupation:											
Miscellaneous clerical workers	286 223	69 909	24.4	47 475	7 342	6 641	440	736	1 835	5 440	216 314
Not specified clerical workers	605 810	167 509	27.7	129 518	6 906	10 626	985	1 521	3 495	14 458	438 301
Industry:											
Manufacturing	126 085	35 751	28.4	28 059	842	2 577	249	270	636	3 118	90 334
Transportation, communications, and other public utilities	101 145	23 422	23.2	18 128	851	1 952	140	200	458	1 693	77 723
Wholesale and retail trade	184 506	41 561	22.5	30 280	1 852	3 465	381	515	1 094	3 974	142 945

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, *see text*. For minimum base for derived figures (*percent, median, etc.*) and meaning of symbols, *see text*]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Clerical and kindred workers—Continued											
Miscellaneous and not specified clerical workers—Continued											
Industry—Continued											
Finance, insurance, and real estate	140 143	37 966	27.1	29 859	1 269	2 458	32	355	829	3 164	102 177
Professional and related services	149 453	42 936	28.7	28 644	6 997	2 553	118	487	1 121	3 016	106 517
Public administration	110 249	35 257	32.0	27 414	1 364	2 158	255	303	677	3 086	74 992
All other industries	80 452	20 525	25.5	14 609	1 073	2 104	250	127	515	1 847	59 927
Clerical and kindred workers—allocated	505 151	321 637	63.7	25 301	10 670	7 474	451	1 000	1 910	274 831	183 514
Craftsmen and kindred workers	**504 871**	**123 482**	**24.5**	**30 759**	**8 171**	**44 581**	**3 271**	**3 915**	**5 683**	**27 102**	**381 389**
Automobile accessories installers	328	78	...	–	25	21	–	–	–	32	250
Bakers	31 934	4 588	14.4	1 202	501	1 516	25	408	162	774	27 346
Cabinetmakers	3 281	609	18.6	148	72	254	41	22	–	72	2 672
Carpet installers	716	232	32.4	64	–	90	–	–	48	30	484
Construction craftsmen	45 958	13 028	28.3	1 314	318	8 325	457	182	688	1 744	32 930
Brickmasons and stonemasons	2 008	710	35.4	28	–	519	22	–	21	120	1 298
Brickmasons and stonemasons, apprentices	122	12	...	–	–	12	–	–	–	–	110
Bulldozer operators	1 245	250	20.1	–	–	98	25	17	110	–	995
Carpenters	10 753	2 683	25.0	276	72	1 705	148	–	68	414	8 070
Carpenter apprentices	124	35	...	–	–	15	–	–	20	–	89
Cement and concrete finishers	1 078	341	31.6	13	–	213	–	–	20	95	737
Electricians	8 240	2 931	35.6	284	36	2 218	129	–	70	194	5 309
Electrician apprentices	229	48	...	–	–	48	–	–	–	–	181
Excavating, grading, and road machine operators; except bulldozer	2 343	376	16.0	44	–	131	37	18	34	112	1 967
Floor layers, except tile setters	355	57	...	–	–	57	–	–	–	–	298
Painters, construction and maintenance	12 128	2 675	22.1	579	122	1 207	38	147	256	326	9 453
Painter apprentices	16	–	–	–	–	–	–	–	–	–	16
Paperhangers	1 046	173	16.5	–	41	73	–	–	–	59	873
Plasterers	491	221	45.0	–	47	149	–	–	25	–	270
Plasterer apprentices	60	21	...	–	21	–	–	–	–	–	39
Plumbers and pipe fitters	4 019	2 051	51.0	68	–	1 529	38	–	56	360	1 968
Plumber and pipe fitter apprentices	159	147	...	–	–	124	–	–	–	23	12
Roofers and slaters	918	111	12.1	–	–	76	–	–	15	20	807
Structural and metal craftsmen	913	383	41.9	22	–	297	20	–	–	44	530
Tile setters	421	66	15.7	–	–	53	–	–	13	–	355
Cranesmen, derrickmen, and hoistmen	1 931	570	29.5	32	35	157	37	37	57	215	1 361
Decorators and window dressers	38 793	11 219	28.9	3 261	550	3 738	96	1 146	1 634	794	27 574
Dental laboratory technicians	6 053	2 660	43.9	206	1 479	546	208	17	39	165	3 393
Electric power linemen and cablemen	1 190	375	31.5	24	22	177	58	27	40	27	815
Engravers, except photoengravers	2 396	271	11.3	86	36	107	–	24	–	18	2 125
Foremen, n.e.c	121 994	24 368	20.0	11 755	1 654	5 464	529	611	1 048	3 307	97 626
Construction	1 416	455	32.1	33	20	257	45	15	–	85	961
Manufacturing	76 265	13 323	17.5	5 958	629	3 569	346	344	501	1 976	62 942
Metal industries	3 122	840	26.9	386	17	267	20	–	40	110	2 282
Machinery, except electrical	2 321	747	32.2	343	40	223	60	17	42	22	1 574
Electrical machinery, equipment, and supplies	8 876	1 739	19.6	839	130	397	76	60	33	204	7 137
Transportation equipment	1 989	861	43.3	269	–	359	97	–	36	100	1 128
Other durable goods	9 392	1 626	17.3	677	97	482	39	–	64	267	7 766
Food and kindred products	5 371	761	14.2	300	43	180	–	67	22	149	4 610
Textiles, textile products, and apparel	30 383	3 960	13.0	1 663	96	1 083	13	180	170	755	26 423
Other nondurable goods, including not specified manufacturing	14 811	2 789	18.8	1 481	206	578	41	20	94	369	12 022

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Foremen, n.e.c.—Continued	1 481	486	32.8	192	17	140	–	–	–	137	995
Transportation	4 166	1 029	24.7	534	19	224	67	23	–	162	3 137
Communications, and utilities and sanitary services	20 725	4 760	23.0	2 870	214	751	50	89	259	527	15 965
Wholesale and retail trade	17 941	4 315	24.1	2 168	755	523	21	140	288	420	13 626
All other industries[1]	3 671	391	10.7	114	20	118	16	–	39	84	3 280
Furniture and wood finishers	482	160	33.2	–	28	114	–	–	–	18	322
Furriers	912	105	11.5	22	–	83	–	–	–	–	807
Glaziers	1 999	145	7.3	23	–	122	–	–	–	–	1 854
Inspectors, scalers, and graders; log and lumber	8 246	1 325	16.1	493	117	372	51	36	21	235	6 921
Inspectors, n.e.c.	169	54	...	–	–	37	–	–	–	17	115
Construction	224	65	...	–	–	21	–	–	–	44	159
Railroads and railway express service	3 899	698	17.9	194	68	283	–	22	18	113	3 201
Jewelers and watchmakers	456	126	27.6	21	–	32	–	–	53	20	330
Locomotive engineers	228	38	...	–	–	–	23	15	–	–	190
Locomotive firemen	48 371	15 115	31.2	2 086	483	8 776	875	168	484	2 243	33 256
Mechanics and repairmen	1 074	426	39.7	38	–	269	32	–	45	42	648
Air conditioning, heating, and refrigeration	4 265	1 659	38.9	110	66	1 297	33	32	21	100	2 606
Aircraft	1 037	339	32.7	28	–	219	–	–	42	50	698
Automobile body repairmen	11 062	3 957	35.8	264	42	2 521	117	57	167	789	7 105
Automobile mechanics	62	20	...	–	–	20	–	–	–	–	42
Automobile mechanic apprentices	687	299	43.5	78	18	82	82	–	–	39	388
Data processing machine repairmen	337	121	...	14	–	63	22	–	–	22	216
Farm implement	10 846	2 993	27.6	400	102	1 710	133	61	64	523	7 853
Heavy equipment mechanics, including diesel	2 585	787	30.4	117	–	354	66	–	59	191	1 798
Household appliance and accessory installers and mechanics	265	–	–	–	–	–	–	–	–	–	265
Loom fixers	793	414	52.2	87	–	212	77	–	–	38	379
Office machine	5 315	1 561	29.4	304	159	794	162	–	23	119	3 754
Radio and television	486	200	41.2	–	–	182	–	–	–	18	286
Railroad and car shop	320	39	...	–	–	19	–	–	20	–	281
Mechanics, except auto, apprentices	7 312	1 789	24.5	455	96	864	103	18	40	213	5 523
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	3 143	495	15.7	84	–	275	33	–	–	103	2 648
Manufacturing	2 307	570	24.7	191	–	209	48	–	23	99	1 737
Not specified mechanics and repairmen	1 515	296	19.5	68	–	73	48	–	23	84	1 219
Manufacturing	32 889	7 372	22.4	1 192	302	3 965	345	258	123	1 187	25 517
Metal craftsmen, except mechanics	346	88	...	44	–	23	–	–	–	21	258
Blacksmiths	420	101	24.0	–	–	46	–	–	–	55	319
Boilermakers	834	95	11.4	19	–	–	–	–	22	54	739
Forgemen and hammermen	415	48	11.6	19	–	–	–	20	–	9	367
Heat treaters, annealers, and temperers	2 074	238	11.5	33	–	121	50	–	11	23	1 836
Job and die setters, metal	11 479	2 744	23.9	359	153	1 577	117	100	–	438	8 735
Machinists	227	110	...	45	–	65	–	–	–	–	117
Machinist apprentices	931	404	43.4	52	23	224	25	–	–	80	527
Millwrights	6 057	615	10.2	258	45	155	15	77	–	65	5 442
Molders, metal	16	–	–	–	–	–	–	–	–	–	16
Molder apprentices	1 797	558	31.1	96	24	314	25	19	23	57	1 239
Pattern and model makers, except paper	1 385	162	11.7	19	20	–	–	–	29	94	1 223
Rollers and finishers, metal	3 231	999	30.9	184	17	604	54	21	21	98	2 232
Sheetmetal workers and tinsmiths	44	14	...	–	–	14	–	–	–	–	30
Sheetmetal apprentices											

[1]Includes transportation, communications, and other public utilities—allocated

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Metal craftsmen, except mechanics—Continued											
Shipfitters	196	35	...	–	20	15	–	–	–	–	161
Tool and die makers	3 724	1 285	34.5	109	–	886	59	21	17	193	2 439
Tool and die maker apprentices	56	21	...	–	–	21	–	–	–	–	35
Millers; grain, flour, and feed	283	44	...	25	–	–	19	–	–	–	239
Motion picture projectionists	468	64	13.7	44	20	–	–	–	–	–	404
Opticians, and lens grinders and polishers	6 149	1 619	26.3	446	550	183	34	20	98	288	4 530
Piano and organ tuners and repairmen	266	44	...	–	19	–	–	25	–	–	222
Power station operators	677	220	32.5	53	22	116	29	–	–	–	457
Printing craftsmen	57 165	12 546	21.9	4 636	673	4 867	72	356	553	1 389	44 619
Bookbinders	18 516	3 103	16.8	877	232	1 172	30	142	79	571	15 413
Compositers and typesetters	21 554	5 598	26.0	2 443	167	2 147	–	191	290	360	15 956
Printing trades apprentices, except pressmen	295	46	...	–	–	–	–	–	–	46	249
Electrotypers and sterotypers	359	134	...	23	–	90	–	–	–	21	225
Photoengravers and lithographers	4 251	1 112	26.2	411	41	520	18	–	81	41	3 139
Pressmen and plate printers, printing	12 485	2 599	20.8	882	233	938	24	23	103	396	9 886
Pressman apprentices	58	–	–	–	–	–	–	–	–	–	58
Shoe repairmen	5 598	477	8.5	180	55	97	–	–	36	109	5 121
Sign painters and letterers	1 582	522	33.0	146	21	217	18	–	55	65	1 060
Stationary engineers	2 693	851	31.6	54	40	363	139	–	24	231	1 842
Stone cutters and stone carvers	511	87	17.0	19	27	41	–	–	–	–	424
Tailors	21 824	3 916	17.9	663	183	2 052	–	332	183	503	17 908
Telephone installers and repairmen	7 926	2 183	27.5	691	81	942	129	43	62	235	5 743
Telephone linemen and splicers	671	77	11.5	16	–	20	–	–	–	41	594
Upholsterers	9 875	1 645	16.7	340	181	765	–	70	90	199	8 230
Craftsmen and kindred workers, n.e.c	7 532	1 072	14.2	292	80	338	70	75	19	198	6 460
Former members of the Armed Forces	63	21	...	21	–	–	–	–	–	–	42
Craftsmen and kindred workers—allocated	25 861	14 621	56.5	896	509	320	–	21	109	12 766	11 240
Operatives, except transport	**4 016 430**	**586 711**	**14.6**	**129 250**	**37 383**	**140 434**	**5 172**	**19 732**	**19 307**	**235 433**	**3 429 719**
Asbestos and insulation workers	472	62	13.1	–	–	41	–	–	–	21	410
Assemblers	457 243	60 211	13.2	20 627	4 748	19 783	1 149	1 684	2 226	9 994	397 032
Blasters and powdermen	305	–	–	–	–	–	–	–	–	–	305
Bottling and canning operatives	16 064	1 649	10.3	532	106	414	–	112	46	439	14 415
Chainmen, rodmen, and axemen; surveying	150	18	...	–	18	–	–	–	–	–	132
Checkers, examiners, and inspectors; manufacturing	331 484	39 836	12.0	13 769	3 498	10 987	963	1 628	1 597	7 394	291 648
Clothing ironers and pressers	136 438	12 186	8.9	2 500	1 822	3 298	–	632	574	3 360	124 252
Cutting operatives, n.e.c	43 959	4 100	9.3	1 289	265	1 287	21	157	130	951	39 859
Dressmakers and seamstresses, except factory	90 632	20 348	22.5	3 912	796	10 752	117	1 435	1 068	2 268	70 284
Drillers, earth	3 629	479	13.2	149	36	219	–	34	–	41	3 150
Drywall installers and lathers	450	145	32.2	13	–	93	–	–	–	39	305
Dyers	1 910	356	18.6	66	57	57	–	–	50	126	1 554
Garage workers and gas station attendants	11 819	1 524	12.9	206	103	802	87	–	–	326	10 295
Graders and sorters, manufacturing	24 056	1 963	8.2	541	163	553	40	18	95	553	22 093
Produce graders and packers, except factory and farm	20 034	1 394	7.0	516	85	212	–	158	103	320	18 640

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Operatives, except transport—Continued											
Laundry and drycleaning operatives, n.e.c	104 585	10 452	10.0	2 970	1 355	2 337	55	328	562	2 845	94 133
Meat cutters and butchers, except manufacturing	11 117	1 640	14.8	467	142	542	31	82	103	273	9 477
Meat cutters and butchers, manufacturing	17 457	1 238	7.1	214	211	273	–	17	162	361	16 219
Meat wrappers, retail trade	42 299	4 927	11.6	1 497	276	1 732	30	255	407	730	37 372
Metalworking operatives, except precision machine	151 793	20 005	13.2	5 633	1 523	7 124	201	846	738	3 940	131 788
Filers, polishers, sanders, and buffers	22 717	2 050	9.0	616	250	502	31	163	20	468	20 667
Furnacemen, smeltermen, and pourers	2 476	209	8.4	42	12	92	–	–	19	44	2 267
Heaters, metal	180	108	...	44	64	–	–	–	–	–	72
Metal platers	2 734	371	13.6	86	30	142	–	52	22	39	2 363
Punch and stamping press operatives	49 124	4 905	10.0	1 699	417	977	17	193	200	1 402	44 219
Riverters and fasteners	11 029	1 138	10.3	231	146	378	–	50	63	270	9 891
Solderers	32 583	5 499	16.9	1 527	294	2 358	89	167	240	824	27 084
Welders and flame cutters	30 950	5 725	18.5	1 388	310	2 675	64	221	174	893	25 225
Milliners	1 817	478	26.3	132	13	221	–	17	63	32	1 339
Mine operatives, n.e.c	4 512	645	14.3	259	28	148	64	54	34	58	3 867
Coal mining	681	119	17.5	19	–	42	–	–	–	58	562
Crude petroleum and natural gas extractions	3 225	393	12.2	191	–	106	39	23	34	–	2 832
Mining and quarrying, except fuel	606	133	21.9	49	28	–	25	31	–	–	473
Mixing operatives	2 580	340	13.2	107	–	135	39	–	–	59	2 240
Oilers and greasers, except auto	1 710	330	19.3	107	–	125	–	22	–	76	1 380
Packers and wrappers, except meat and produce	312 250	32 205	10.3	11 985	2 837	7 142	171	1 397	1 321	7 352	280 045
Painters, manufactured articles	16 565	1 816	11.0	483	220	596	44	82	79	312	14 749
Photographic process workers	27 971	5 956	21.3	2 107	492	2 055	165	134	512	491	22 015
Precision machine operatives	38 224	5 189	13.6	1 368	294	2 256	181	93	191	806	33 035
Drill press operatives	15 224	1 787	11.7	532	71	700	77	46	64	297	13 437
Grinding machine operatives	8 048	1 117	13.9	275	80	505	–	–	66	191	6 931
Lathe and milling machine operatives	7 329	1 114	15.2	245	61	586	67	–	22	133	6 215
Precision machine operatives, n.e.c	7 623	1 171	15.4	316	82	465	37	47	39	185	6 452
Sailors and deckhands	407	16	3.9	–	–	–	–	–	–	16	391
Sawyers	7 974	914	11.5	269	50	270	21	104	–	200	7 060
Sewers and stitchers	813 516	86 647	10.7	18 184	5 079	33 219	577	5 427	4 354	19 807	726 869
Shoemaking machine operatives	37 174	2 681	7.2	594	276	710	53	116	60	872	34 493
Stationary firemen	8 597	1 155	13.4	247	88	420	56	90	104	150	7 442
Textile operatives	232 676	16 877	7.3	4 007	1 345	4 348	74	873	615	5 615	215 799
Carding, lapping, and combing operatives	5 189	290	5.6	–	64	106	–	–	–	120	4 899
Knitters, loopers, and toppers	17 536	1 465	8.4	447	–	430	–	21	69	498	16 071
Spinners, twisters, and winders	99 450	6 741	6.8	1 546	521	1 700	40	387	235	2 312	92 709
Weavers	25 917	2 083	8.0	425	96	748	34	78	16	686	23 834
Textile operatives, n.e.c	84 584	6 298	7.4	1 589	664	1 364	–	387	295	1 999	78 286
Winding operatives, n.e.c	30 861	3 799	12.3	1 391	257	1 186	16	108	109	732	27 062
Miscellaneous and not specified operatives	716 336	81 416	11.4	25 849	7 383	23 149	832	3 043	3 387	17 773	634 920
Occupation:											
Machine operatives, miscellaneous specified	289 738	30 608	10.6	9 836	2 662	8 244	274	1 519	1 330	6 743	259 130
Machine operatives, not specified	150 185	18 318	12.2	6 118	1 512	5 172	248	443	839	3 986	131 867
Miscellaneous operatives	186 545	22 081	11.8	6 699	2 356	6 833	224	669	702	4 598	164 464
Not specified operatives	89 868	10 409	11.6	3 196	853	2 900	86	412	516	2 446	79 459

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—*Continued*

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry:											
Manufacturing	632 454	69 036	10.9	21 216	6 131	20 086	701	2 506	2 879	15 517	563 418
Durable goods	307 599	37 059	12.0	11 194	3 367	10 990	488	1 272	1 627	8 121	270 540
Lumber and wood products, except furniture	10 408	853	8.2	273	87	171	–	16	66	240	9 555
Furniture and fixtures	13 796	1 022	7.4	281	75	240	21	25	69	311	12 774
Stone, clay, and glass products	18 107	1 846	10.2	453	199	497	13	57	178	449	16 261
Glass and glass products	7 047	677	9.6	161	59	251	–	21	103	82	6 370
Cement, concrete, gypsum, and plaster products	624	99	15.9	–	–	65	–	16	–	18	525
Other stone, clay, and glass products	10 436	1 070	10.3	292	140	181	13	20	75	349	9 366
Primary metal industries	11 527	1 406	12.2	504	162	351	–	80	37	272	10 121
Blast furnaces, steelworks, rolling and finishing mills	1 212	212	17.5	103	–	40	–	21	–	48	1 000
Other primary iron and steel industries	3 069	287	9.4	58	40	137	–	–	–	52	2 782
Primary nonferrous industries	7 246	907	12.5	343	122	174	–	59	37	172	6 339
Fabricated metal industries, including not specified metal	29 875	2 886	9.7	872	200	844	32	135	159	644	26 989
Cutlery, hand tools and other hardware	5 787	694	12.0	270	21	169	–	23	27	184	5 093
Fabricated structural metal products	2 830	286	10.1	63	23	80	–	–	45	75	2 544
Screw machine products, and metal stamping	7 486	641	8.6	199	118	188	19	16	22	79	6 845
Miscellaneous fabricated metal products and not specified metal	13 772	1 265	9.2	340	38	407	13	96	65	306	12 507
Machinery, except electrical	23 262	3 016	13.0	925	282	964	42	78	107	618	20 246
Farm machinery and equipment	946	133	14.1	39	18	39	–	17	–	20	813
Construction and material handling machines	807	117	14.5	58	–	38	–	21	–	–	690
Metalworking machinery	4 017	485	12.1	84	115	141	22	–	–	123	3 532
Office and accounting machines, and electronic computing equipment	5 737	815	14.2	267	70	288	–	–	44	146	4 922
Other machinery, except electrical	11 755	1 466	12.5	477	79	458	20	40	63	329	10 289
Electrical machinery, equipment, and supplies	107 043	14 167	13.2	4 403	1 140	4 761	160	519	450	2 734	92 876
Household appliances	5 522	618	11.2	160	100	118	–	28	39	173	4 904
Radio, T.V., and communication equipment	29 864	4 457	14.9	1 477	407	1 462	48	190	119	754	25 407
Electrical machinery, equipment, and supplies, n.e.c.	64 272	8 095	12.6	2 499	633	2 810	69	279	197	1 608	56 177
Not specified electrical machinery, equipment, and supplies	7 385	997	13.5	267	–	371	43	22	95	199	6 388
Transportation equipment	23 201	3 591	15.5	823	381	1 453	19	53	70	792	19 610
Motor vehicle and motor vehicle equipment	13 529	1 617	12.0	407	150	556	–	34	24	446	11 912
Aircraft and parts	6 797	1 661	24.4	299	185	853	19	19	18	268	5 136
Other transportation equipment	2 875	313	10.9	117	46	44	–	–	28	78	2 562
Professional and photographic equipment, and watches	18 673	2 502	13.4	937	159	559	112	129	99	507	16 171
Professional equipment and supplies	13 415	1 693	12.6	573	119	413	81	41	63	403	11 722
Ordnance	7 022	797	11.4	157	36	342	–	–	21	241	6 225
Miscellaneous manufacturing industries	43 436	4 833	11.1	1 528	583	789	89	160	371	1 313	38 603
Durable goods—allocated	1 249	140	11.2	38	63	19	–	20	–	–	1 109

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Manufacturing—Continued											
Nondurable goods	324 855	31 977	9.8	10 022	2 764	9 096	213	1 234	1 252	7 396	292 878
Food and kindred products	63 939	5 217	8.2	1 437	649	1 386	17	196	201	1 331	58 722
Meat products	15 392	902	5.9	142	112	180	–	74	80	314	14 490
Dairy products	2 106	197	9.4	73	58	54	–	–	12	–	1 909
Canning and preserving fruits, vegetables, and sea foods	21 998	1 746	7.9	420	274	443	17	39	45	508	20 252
Bakery products	6 786	752	11.1	277	58	261	–	19	21	116	6 034
Beverage industries	1 872	127	6.8	67	19	21	–	–	–	20	1 745
Other food and kindred products	15 785	1 493	9.5	458	128	427	–	64	43	373	14 292
Tobacco manufactures	9 225	839	9.1	129	120	197	–	41	18	334	8 386
Apparel and other fabricated textile products	66 643	5 787	8.7	1 569	405	1 622	18	229	199	1 745	60 856
Apparel and accessories	55 888	4 748	8.5	1 275	315	1 355	–	206	199	1 398	51 140
Miscellaneous fabricated textile products	8 611	828	9.6	217	90	212	18	23	–	268	7 783
Paper and allied products	40 065	4 093	10.2	1 425	310	1 143	22	167	184	842	35 972
Pulp, paper, and paperboard mills	7 610	616	8.1	173	79	162	–	70	–	132	6 994
Miscellaneous paper and pulp products	15 811	1 735	11.0	590	133	489	–	78	118	327	14 076
Paperboard containers and boxes	16 644	1 742	10.5	662	98	492	22	19	66	383	14 902
Printing, publishing, and allied industries	34 098	4 379	12.8	1 755	267	1 404	55	113	243	542	29 719
Printing, publishing, and allied industries, except newspapers	31 238	3 931	12.6	1 565	224	1 269	55	113	221	484	27 307
Chemicals and allied products	23 713	3 397	14.3	1 112	291	979	20	198	61	736	20 316
Industrial chemicals	1 819	293	16.1	60	–	165	–	16	–	52	1 526
Synthetic fibers	1 691	221	13.1	80	18	60	20	–	–	43	1 470
Soaps and cosmetics	5 611	661	11.8	190	51	211	–	66	–	143	4 950
Other chemicals and allied products	14 592	2 222	15.2	782	222	543	–	116	61	498	12 370
Petroleum and coal products	580	130	22.4	43	23	–	–	–	–	64	450
Rubber and miscellaneous plastic products	53 831	5 174	9.6	1 694	465	1 470	60	252	307	926	48 657
Rubber products	17 832	1 819	10.2	537	131	531	–	125	60	435	16 013
Miscellaneous plastic products	35 999	3 355	9.3	1 157	334	939	60	127	247	491	32 644
Leather and leather products	24 600	2 082	8.5	664	168	535	21	38	39	617	22 518
Tanned, curried, and finished leather	1 946	159	8.2	39	–	17	–	–	–	103	1 787
Footwear, except rubber	13 434	1 025	7.6	302	124	255	21	38	20	265	12 409
Leather products, except footwear	9 220	898	9.7	323	44	263	–	–	19	249	8 322
Nondurable goods—allocated	8 161	879	10.8	194	66	360	–	–	–	259	7 282
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	83 882	12 380	14.8	4 633	1 252	3 063	131	537	508	2 256	71 502
Construction	1 045	208	19.9	82	–	95	–	31	–	–	837
Railroads and railway express service	373	55	...	55	–	–	–	–	–	–	318
Transportation, except railroads	1 440	208	14.4	58	35	92	–	–	–	23	1 232
Communications, and utilities and sanitary services	1 496	336	22.5	245	17	40	–	–	–	34	1 160
Wholesale trade	21 468	2 457	11.4	940	155	640	38	117	65	502	19 011
Retail trade	20 939	2 906	13.9	829	332	734	68	223	154	566	18 033

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Operatives, except transport—*Continued*											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Nonmanufacturing industries—Continued											
Business and repair services	7 552	1 341	17.8	547	98	391	–	22	104	179	6 211
Public administration	5 901	1 178	20.0	534	148	222	–	–	33	241	4 723
All other industries[1]	23 668	3 691	15.6	1 343	467	849	25	144	152	711	19 977
Operatives, except transport—allocated	297 364	163 714	55.1	7 260	3 817	3 948	185	786	617	147 101	133 650
Transport equipment operatives	**132 547**	**26 957**	**20.3**	**7 545**	**2 236**	**5 866**	**246**	**632**	**910**	**9 522**	**105 590**
Boatman and canalmen	375	57	...	17	–	18	–	–	–	22	318
Bus drivers	67 405	10 517	15.6	4 683	1 317	2 517	53	345	443	1 159	56 888
Conductors and motormen, urban rail transit	349	97	...	19	–	39	–	–	–	39	252
Deliverymen and routemen	18 797	3 244	17.3	933	376	927	60	60	223	665	15 553
Forklift and tow motor operatives	3 699	535	14.5	121	28	133	20	24	14	195	3 164
Motormen; mine, factory, logging camp, etc	285	53	...	20	–	–	33	–	–	–	232
Parking attendants	866	147	17.0	84	22	25	–	–	–	16	719
Railroad brakemen	597	135	22.6	20	–	42	–	14	–	59	462
Railroad switchmen	987	255	25.8	46	–	127	–	–	–	82	732
Taxicab drivers and chauffeurs	9 130	1 533	16.8	436	207	493	16	64	74	243	7 597
Truck drivers	20 030	3 543	17.7	863	118	1 383	31	81	156	911	16 487
Trucking service	7 815	1 567	20.1	463	34	621	31	–	90	328	6 248
Transport equipment operatives—allocated	10 027	6 841	68.2	303	168	162	33	44	–	6 131	3 186
Laborers, except farm	**277 990**	**42 574**	**15.3**	**10 799**	**4 068**	**7 727**	**415**	**1 224**	**1 760**	**16 581**	**235 416**
Animal caretakers, except farm	14 365	2 830	19.7	699	527	811	91	165	140	397	11 535
Carpenters helpers	936	162	17.3	22	46	63	–	–	–	31	774
Construction laborers, except carpenters' helpers	9 107	1 403	15.4	189	38	596	–	45	132	403	7 704
Fishermen and oystermen	1 148	173	15.1	68	–	39	–	25	–	41	975
Frieght and material handlers	37 506	4 138	11.0	1 239	405	909	59	120	282	1 124	33 368
Garbage collectors	931	75	8.1	20	–	–	24	–	–	31	856
Gardeners and groundskeepers, except farm	8 903	1 236	13.9	306	98	325	21	59	114	313	7 667
Longshoremen and stevedores	826	91	11.0	18	–	40	–	–	–	33	735
Lumbermen, raftsmen, and woodchoppers	1 828	180	9.8	22	–	72	–	18	–	68	1 648
Stock handlers	101 676	12 689	12.5	4 899	1 639	2 681	81	511	594	2 284	88 987
Teamsters	260	16	...	–	–	16	–	–	–	–	244
Vehicle washers and equipment cleaners	12 335	1 186	9.6	443	76	213	–	33	77	344	11 149
Warehousemen, n.e.c	4 038	542	13.4	99	39	240	22	–	13	129	3 496
Miscellaneous and not specified laborers	63 377	7 052	11.1	2 096	937	1 551	96	234	363	1 775	56 325
Occupation:											
Miscellaneous laborers	17 207	2 211	12.8	833	255	645	37	25	97	319	14 996
Not specified laborers	46 170	4 841	10.5	1 263	682	906	59	209	266	1 456	41 329
Industry:											
Manufacturing	37 409	3 578	9.6	1 114	325	819	–	172	176	972	33 831
Durable goods	20 036	2 251	11.2	746	165	555	–	112	91	582	17 785
Lumber and wood products, except furniture	1 505	56	3.7	19	–	19	–	–	–	18	1 449
Furniture and fixtures	1 347	87	6.5	45	22	–	–	–	–	20	1 260
Stone, clay, and glass products	1 217	121	9.9	–	15	21	–	31	–	54	1 096
Cement, concrete, gypsum, and plaster products	122	15	...	–	15	–	–	–	–	–	107
Structural clay products	208	56	...	–	–	21	–	–	–	35	152
Other stone, clay, and glass products	887	50	5.6	–	–	–	–	31	–	19	837

[1]Includes transportation, communications, and other public utilities—allocated.

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Manufacturing—Continued											
Durable goods—Continued											
Primary metal industries	1 634	322	19.7	81	33	114	–	–	23	71	1 312
Blast furnaces, steel works, rolling and finishing mills	617	78	12.6	45	33	–	–	–	–	–	539
Other primary iron and steel industries	445	100	22.5	23	–	54	–	–	23	–	345
Primary nonferrous industries	572	144	25.2	13	–	60	–	–	–	71	428
Fabricated metal industries, including not specified metal	3 902	375	9.6	143	21	101	–	43	–	67	3 527
Fabricated structural metal products	695	20	2.9	20	–	–	–	–	–	–	675
Machinery, except electrical	1 233	104	8.4	49	–	14	–	–	–	41	1 129
Electrical machinery, equipment, and supplies	3 626	455	12.5	191	20	79	–	–	25	140	3 171
Transportation equipment	1 496	192	12.8	112	–	19	–	38	23	–	1 304
Motor vehicles and motor vehicle equipment	727	93	12.8	32	–	–	–	38	23	–	634
Ship and boat building and repairing	261	49	...	49	–	–	–	–	–	–	212
Other transportation equipment	508	50	9.8	31	–	19	–	–	–	–	458
Professional and photographic equipment, and watches	672	77	11.5	20	20	–	–	–	–	37	595
Ordnance	1 143	220	19.2	65	–	122	–	–	20	13	923
Miscellaneous manufacturing industries	2 190	208	9.5	21	16	66	–	–	–	105	1 982
Manufacturing, durable goods—allocated	71	34	...	–	18	–	–	–	–	16	37
Nondurable goods	16 879	1 312	7.8	368	160	264	–	60	85	375	15 567
Food and kindred products	5 377	332	6.2	19	44	118	–	19	19	113	5 045
Meat products	1 680	136	8.1	19	–	39	–	19	19	40	1 544
Dairy products	264	–	–	–	–	–	–	–	–	–	264
Canning and preserving fruits, vegetables, and sea foods	1 988	121	6.1	–	44	23	–	–	–	54	1 867
Grain-mill products	192	–	–	–	–	–	–	–	–	–	192
Beverage industries	319	38	...	–	–	38	–	–	–	–	281
Other food and kindred products	934	37	4.0	–	–	18	–	–	–	19	897
Tobacco manufactures	306	–	–	–	–	–	–	–	–	–	306
Textile mill products	2 597	168	6.5	–	26	–	–	–	18	124	2 429
Yarn, thread, and fabric mills	1 515	89	5.9	–	–	–	–	–	–	89	1 426
Other textile mill products	1 082	79	7.3	–	26	–	–	–	18	35	1 003
Apparel and other fabricated textile products	1 587	218	13.7	52	–	21	–	15	36	94	1 369
Paper and allied products	1 269	135	10.6	68	36	15	–	–	–	16	1 134
Pulp, paper, and paperboard mills	464	72	15.5	21	36	15	–	–	–	–	392
Other paper and allied products	805	63	7.8	47	–	–	–	–	–	16	742
Printing, publishing, and allied industries	864	106	12.3	19	35	40	–	–	12	–	758
Chemicals and allied products	1 292	109	8.4	42	–	22	–	26	–	19	1 183
Petroleum and coal products	80	21	...	21	–	–	–	–	–	–	59
Rubber and miscellaneous plastic products	2 001	195	9.7	147	–	48	–	–	–	–	1 806
Leather and leather products	1 241	28	2.3	–	19	–	–	–	–	9	1 213
Nondurable goods—allocated	265	–	–	–	–	–	–	–	–	–	265
Not specified manufacturing industries	494	15	3.0	–	–	–	–	–	–	15	479

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Nonmanufacturing industries	25 968	3 474	13.4	982	612	732	96	62	187	803	22 494
Railroads and railway express service	813	99	12.2	19	20	19	–	–	–	41	714
Transportation, except railroads	1 020	119	11.7	21	19	–	–	23	37	19	901
Utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–
Communications, and transportation, communications and other public utilities—allocated	844	224	26.5	57	23	107	15	–	–	22	620
Wholesale trade	3 735	388	10.4	81	19	60	41	–	16	171	3 347
Retail trade	5 583	718	12.9	253	70	136	21	20	38	180	4 865
Business and repair services	1 936	155	8.0	19	18	71	–	–	–	47	1 781
Personal services	3 164	356	11.3	96	44	105	–	19	–	92	2 808
Private households	1 337	79	5.9	18	–	61	–	–	–	–	1 258
Public administration	1 158	155	13.4	24	42	34	–	–	20	35	1 003
All other industries	7 715	1 260	16.3	412	357	200	19	–	76	196	6 455
Laborers, except farm—Allocated	20 754	10 801	52.0	679	263	171	21	14	45	9 608	9 953
Farmers and farm managers	**68 441**	**13 750**	**20.1**	**3 466**	**964**	**1 870**	**118**	**1 497**	**410**	**5 425**	**54 691**
Farmers, owners and tenants	58 704	9 118	15.5	3 140	842	1 667	118	1 477	354	1 520	49 586
Farm managers	2 238	352	15.7	142	16	103	–	20	17	54	1 886
Farmers and farm managers—allocated	7 499	4 280	57.1	184	106	100	–	–	39	3 851	3 219
Farm laborers and farm foremen	**159 804**	**21 527**	**13.5**	**4 452**	**1 777**	**2 010**	**91**	**1 459**	**606**	**11 132**	**138 277**
Farm foremen	1 850	187	10.1	96	69	–	–	–	–	22	1 663
Farm laborers, wage workers	98 498	7 478	7.6	1 987	858	1 283	41	614	282	2 413	91 020
Farm laborers, unpaid family workers	40 401	5 286	13.1	2 188	692	552	22	785	324	723	35 115
Farm service laborers, self employed	437	163	37.3	42	18	46	17	20	–	20	274
Farm laborers and farm foremen—allocated	18 618	8 413	45.2	139	140	129	11	40	–	7 954	10 205
Service workers, except private household	**4 754 542**	**1 432 587**	**30.1**	**161 243**	**449 905**	**445 159**	**4 580**	**26 340**	**36 083**	**309 277**	**3 321 955**
Cleaning service workers	593 451	60 428	10.2	14 262	11 102	13 705	494	3 686	3 027	14 152	533 023
Chambermaids and maids, except private household	191 667	21 242	11.1	4 586	4 181	5 312	159	1 113	790	5 101	170 425
Cleaners and charwomen	248 371	23 253	9.4	5 830	4 521	4 627	146	1 513	1 277	5 339	225 118
Janitors and sextons	153 413	15 933	10.4	3 846	2 400	3 766	189	1 060	960	3 712	137 480
Food service workers	1 901 217	213 329	11.2	73 247	24 322	45 546	1 550	13 726	10 362	44 576	1 687 888
Bartenders	39 743	6 033	15.2	2 470	563	1 506	–	261	305	928	33 710
Busboys	13 111	1 072	8.2	281	187	236	–	59	22	287	12 039
Cooks, except private household	519 219	55 549	10.7	14 888	7 041	12 061	367	5 950	3 147	12 095	463 670
Dishwashers	63 577	5 103	8.0	1 296	785	939	19	423	186	1 455	58 474
Food counter and fountain workers	111 080	11 314	10.2	4 489	1 081	1 918	60	763	641	2 362	99 766
Waiters	908 224	105 127	11.6	40 652	10 542	23 196	788	4 183	4 414	21 352	803 097
Food service workers, n.e.c., except private household	246 263	29 131	11.8	9 171	4 123	5 690	316	2 087	1 647	6 097	217 132
Health service workers	1 034 793	463 135	44.8	30 057	389 969	15 168	1 039	3 549	3 625	19 728	571 658
Dental assistants	87 013	37 976	43.6	5 302	28 521	1 536	233	143	438	1 803	49 037
Health aides, except nursing	97 676	29 913	30.6	5 137	18 168	1 722	339	1 492	567	2 488	67 763
Health trainees	16 954	5 532	32.6	207	4 507	61	–	17	–	740	11 422
Lay midwives	699	413	59.1	–	314	39	–	–	–	60	286
Nursing aides, orderlies, and attendants	607 738	201 683	33.2	16 588	157 430	10 513	418	1 808	2 348	12 578	406 055
Practical nurses	224 713	187 618	83.5	2 823	181 029	1 297	49	89	272	2 059	37 095

Table 9. **Detailed Occupation of Employed Persons 16 Years Old and Over Who Have Completed Less Than 4 Years of College by Field of Vocational Training and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Completed a program		Field of vocational training							Never completed a program
		Number	Percent	Business or office work	Nursing or other health field	Trades and crafts	Engineering or science technician	Agriculture or home economics	Other	Not reported	
Female, 16 years old and over—Continued											
Service workers, except private household—Continued											
Personal service workers	758 487	447 543	59.0	29 882	17 091	361 711	922	4 176	17 253	16 508	310 944
Airline stewardesses	26 891	13 227	49.2	3 306	1 165	6 180	–	99	1 419	1 058	13 664
Attendants, recreation and amusement	16 507	2 324	14.1	955	172	453	–	118	184	442	14 183
Attendants, personal service, n.e.c.	35 678	7 945	22.3	2 254	1 783	1 391	82	176	1 005	1 254	27 733
Baggage porters and bellhops	441	39	8.8	–	–	39	–	–	–	–	402
Barbers	7 706	5 699	74.0	178	38	5 107	18	–	194	164	2 007
Boarding and lodge house keepers	5 294	1 201	22.7	475	370	138	–	–	41	177	4 093
Bootblacks	336	36	...	18	–	–	–	–	–	18	300
Child care workers, except private household	114 752	21 771	19.0	7 927	5 614	3 009	64	1 139	1 632	2 386	92 981
Elevator operators	9 704	1 484	15.3	533	122	253	–	92	107	377	8 220
Hairdressers and cosmetologists	432 500	372 123	86.0	6 234	3 258	341 828	597	654	11 202	8 350	60 377
Personal service apprentices	778	386	49.6	58	–	301	–	–	–	27	392
Housekeepers, except private household	71 284	13 116	18.4	4 247	2 721	1 874	100	1 501	1 040	1 633	58 168
School monitors	23 160	4 818	20.8	2 499	780	825	43	212	118	341	18 342
Ushers, recreation and amusement	4 017	292	7.3	139	37	35	18	21	–	42	3 725
Welfare service aides	10 217	3 468	33.9	1 117	1 031	579	–	164	311	266	6 749
Protective service workers	58 046	13 320	22.9	4 281	1 757	3 997	213	300	901	1 871	44 726
Crossing guards and bridge tenders	25 166	4 193	16.7	1 626	650	1 081	40	87	225	484	20 973
Firemen, fire protection	2 101	803	38.2	124	24	444	8	–	29	174	1 298
Guards and watchmen	15 504	3 864	24.9	1 146	720	934	109	152	181	622	11 640
Marshals and constables	203	44	...	–	–	–	–	–	–	44	159
Policemen and detectives	13 053	3 728	28.6	1 098	277	1 388	35	39	452	439	9 325
Public	10 194	2 998	29.4	936	189	1 147	35	–	368	323	7 196
Private	2 859	730	25.5	162	88	241	–	39	84	116	2 129
Sheriffs and bailiffs	2 019	688	34.1	287	86	150	21	22	14	108	1 331
Service workers, except private household—allocated	408 548	234 832	57.5	9 514	5 664	5 032	362	903	915	212 442	173 716
Private household workers	**1 123 494**	**151 990**	**13.5**	**22 703**	**26 419**	**15 533**	**310**	**5 433**	**4 778**	**76 814**	**971 504**
Occupation:											
Child care workers, private household	220 183	21 589	9.8	8 533	4 747	2 794	78	1 334	875	3 228	198 594
Cooks, private household	30 774	3 090	10.0	479	715	565	19	445	194	673	27 684
Housekeepers, private household	97 655	9 511	9.7	2 557	2 315	1 529	17	451	648	1 994	88 144
Laundresses, private household	10 705	639	6.0	295	125	84	–	17	26	92	10 066
Maids and servants, private household	648 769	58 785	9.1	10 093	17 724	9 796	149	3 124	2 799	15 100	589 984
Private household workers—allocated	115 408	58 376	50.6	746	793	765	47	62	236	55 727	57 032
Living arrangement:											
Living in	71 582	10 693	14.9	2 698	3 039	1 379	17	1 020	634	1 906	60 889
Housekeepers, private household	19 750	2 898	14.7	750	629	448	17	224	185	645	16 852
Maids and servants, private household	40 298	5 696	14.1	1 566	1 823	698	–	437	350	822	34 602
Living out	1 051 912	141 297	13.4	20 005	23 380	14 154	293	4 413	4 144	74 908	910 615