

## ABSTRACT

Current Population Survey, March 1988-1991 on CD-ROM  
[machine-readable data file] / conducted by the Bureau of the  
Census for the Bureau of Labor Statistics. -Washington:  
Bureau of the Census [producer and distributor], 1991.

### Type of File:

Microdata; unit of observation is individuals, families, and households.

### Universe Description:

The universe is the civilian noninstitutional population of the United States living in housing units and members of the Armed Forces living in civilian housing units on a military base or in a household not on a military base. A probability sample is used in selecting housing units.

### Subject-Matter Description:

This file, also known as the Annual Demographic File, provides the usual monthly labor force data, but in addition, provides supplemental data on work experience, income, noncash benefits, and migration. Comprehensive information is given on the employment status, occupation, and industry of persons 15+ years old and over. Additional data for persons 15 years old and older are available concerning weeks worked and hours per week worked, reason not working full time, total income and income components, and residence on March 1 in year of survey. Data on employment and income refer to the preceding year, although demographic data refer to the time of the survey.

This file also contains data covering nine noncash income sources: food stamps, school lunch program, employer-provided group health insurance plan, employer-provided pension plan, personal health insurance, Medicaid, Medicare, CHAMPUS or military health care, and energy assistance.

Characteristics such as age, sex, race, household relationship, and Hispanic origin are shown for each person in the household enumerated.

### Geographic Coverage:

State of residence is uniquely identified as well as census geographic division and region. The 113 largest metropolitan statistical areas (CMSA's or MSA's), an additional 89 selected MSA's, 66 selected PMSA's, and 30 central cities in multi-central city MSA's or PMSA's are also uniquely identified.(1) Within confidentiality restrictions, indicators are provided for MSA-PMSA/non-MSA-PMSA, central city/noncentral city, farm/nonfarm, and MSA/CMSA size.

### Technical Description:

File Structure: Hierarchical.

### File Size:

1988: 295,459 logical records; record size is

656 characters.

1989: 275,770 logical records; record size is  
656 characters.

1990: 299,576 logical records; record size is  
656 characters.

1991: 330,012 logical records; record size is  
656 characters.

File Sort Sequence: Census state code (MSTSTATE), then MSA/PMSA rank code

#### Reference Materials:

Current Population Survey, March 1988-1991 on CD-ROM Technical Documentation. The documentation includes this abstract, pertinent information about the file, a glossary, code lists, and data dictionaries. One copy accompanies each file order. When ordered separately, it is available for \$10 from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233.

#### Related Printed Reports:

Data from the March Current Population Survey are published most frequently in the Current Population Reports P-20 and P-60 series. These reports are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Forthcoming reports will be cited in Census and You, CENDATATM, the Monthly Product Announcement (MPA), and the Bureau of the Census Catalog and Guide.

#### Related Machine-Readable Data Files:

A public use edition of the Current Population Survey, March file is available for each year since 1968. For 1980, 1984 and 1988 two March files are available for each year. The first March 1980 file contains estimates based on 1970 population counts and should be used for historical comparisons ending in 1980. The reweighted March 1980 file contains estimates based on results of the 1980 census and should be used for comparisons between 1981 and 1984.

In 1984, the Bureau of the Census introduced a step into the March second state weighting procedure controlling individual weights to independent estimates of the Hispanic population. Since this introduction caused a major disruption in the Hispanic estimates from March two data files were created. The first file, without the Hispanic controls should be used for comparing estimates for years prior to 1984 and the second file should be used for comparison with 1985 and forward files.

From March 1989 forward, data on the Annual Demographic File are processed using the rewrite system. The rewrite system includes revised procedures to match supplement records to basis CPS records; revised weighting procedures; revised demographic and family edits; revised imputation procedures; and more income detail on the file.

For March 1988 there are two files, the regular Annual Demographic File and the Annual Demographic Rewrite File. The rewrite file has been prepared to

allow historical comparison of data from the rewrite processing system implemented between 1988 and 1989. It is recommended that the rewrite file be used when comparing data collected from the March Annual Demographic Supplement from the 1988 forward. Use the regular file, released in 1988, when comparing data from 1988 and prior years.

This is not to say, however, that comparisons cannot be made between years before and after 1988. When such analyses are done, for example between 1986 through 1989, data users must consider that similarities or differences between the data may be caused or effected by the rewritten system. Thus, comparing estimates from the 1988 rewrite files and the 1988 regular file will reveal the extent of any differences caused by the processing system changes though not the specific change. The magnitude of the difference can then be applied to the estimates from 1986 - 1987 to reveal whether any real differences exist. There were several revisions made to the processing programs; therefore, it is difficult to determine which specific revision effected the differences or similarities in the data.

Some non-March data also are available from 1968 to present. For more information, request the Data Developments on the Current Population Survey from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233.

#### Related Public Domain Software:

The Census Bureau has placed various software that can be used with CD-ROM's in the public domain. This software is available to users from the following two sources:

- The Census Bureau's electronic bulletin board. You may access the bulletin board using a modem on (301) 763-7554. For information, the voice grade telephone number is (301) 763-1580.
- The CD-ROM Software Clearinghouse at the University of Tennessee. For information contact:

Institute for Electronic Data Analysis  
Department of Marketing, Logistics and  
Transportation  
316 Stokley Management Center  
University of Tennessee  
Knoxville, Tennessee 37996  
Phone (615) 974-5311

#### File Availability:

The file may be ordered from Data User Services Division using the Customer Services order form for CD-ROM on the following page.

(1) MSA's = Metropolitan Statistical Areas; CMSA's = Consolidated Metropolitan Statistical Areas; PMSA's = Primary Metropolitan Statistical Areas.

#### APPENDIX A1

#### Detailed Industry Classification Codes

(Numbers in parentheses are the 1972 SIC code equivalent; see Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement. "Pt" means part; "n.e.c." means not elsewhere classified.)

| Code    | Industries   |
|---------|--|
| 000-009 | not used   |
| 010-031 | AGRICULTURE, FORESTRY, AND FISHERIES                         |
| 010     | Agricultural production, crops (01)                          |
| 011     | Agricultural production, livestock (02)                      |
| 012-019 | not used   |
| 020     | Agricultural services, except horticultural (07, except 078) |
| 021     | Horticultural services (078)                                 |
| 022-029 | not used   |
| 030     | Forestry (08)  |
| 031     | Fishing, hunting, and trapping (09)                          |
| 032-039 | not used   |
| 040-050 | MINING   |
| 040     | Metal mining (10)  |
| 041     | Coal mining (11,12)  |
| 042     | Crude petroleum and natural gas extraction (13)              |
| 043-049 | not used   |
| 050     | Nonmetallic mining and quarrying, except fuel (14)           |
| 051-059 | not used   |
| 060     | CONSTRUCTION (15, 16, 17)                                    |
| 061-099 | not used   |
| 100-392 | MANUFACTURING  |
| 100-222 | Nondurable Goods   |
| 100-122 | Food and kindred products                                    |
| 100     | Meat products (201)  |
| 101     | Dairy products (202)   |
| 102     | Canned and preserved fruits and vegetables (203)             |
| 103-109 | not used   |
| 110     | Grain mill products (204)                                    |
| 111     | Bakery products (205)  |
| 112     | Sugar and confectionery products (206)                       |
| 113-119 | not used   |
| 120     | Beverage industries (208)                                    |
| 121     | Misc. food preparations and kindred products (207, 209)      |
| 122     | Not specified food industries                                |
| 123-129 | not used   |
| 130     | Tobacco manufactures (21)                                    |
| 131     | not used   |
| 132-150 | Textile mill products  |
| 132     | Knitting mills (225)   |
| 133-139 | not used   |
| 140     | Dyeing & finishing textiles, except wool & knit goods (226)  |
| 141     | Floor coverings, except hard surface (227)                   |
| 142     | Yarn, thread, and fabric mills (228, 221-224)                |
| 143-149 | not used   |
| 150     | Miscellaneous textile mill products (229)                    |
| 151-152 | Apparel and other finished textile products                  |
| 151     | Apparel and accessories, except knit (231-238)               |

152 Miscellaneous fabricated textile products (239)  
153-159 not used  
160-162 Paper and allied products  
160 Pulp, paper, and paperboard mills (261-263, 266)  
161 Miscellaneous paper and pulp products (264)  
162 Paperboard containers and boxes (265)  
163-170 not used  
171-172 Printing, publishing, and allied industries  
171 Newspaper publishing and printing (271)  
172 Printing, publishing, and allied industries, except newspapers (272-279)  
173-179 not used  
180-192 Chemicals and allied products  
180 Plastics, synthetics, and resins (282)  
181 Drugs (283)  
182 Soaps and cosmetics (284)  
183-189 not used  
190 Paints, varnishes, and related products (285)  
191 Agricultural chemicals (287)  
192 Industrial and miscellaneous chemicals (281, 286, 289)  
193-199 not used  
200-201 Petroleum and coal products  
200 Petroleum refining (291)  
201 Miscellaneous petroleum and coal products (295, 299)  
202-209 not used  
210-212 Rubber and miscellaneous plastics products  
210 Tires and inner tubes (301)  
211 Other rubber products, and plastics footwear and belting (302-304, 306)  
212 Miscellaneous plastics products (307)  
213-219 not used  
220-222 Leather and leather products  
220 Leather tanning and finishing (311)  
221 Footwear, except rubber and plastic (313, 314)  
222 Leather products, except footwear (315-317, 319)  
223-229 not used  
230-391 Durable Goods  
230-241 Lumber and wood products, except furniture  
230 Logging (241)  
231 Sawmills, planing mills, and millwork (242, 243)  
232 Wood buildings and mobile homes (245)  
233-240 not used  
241 Miscellaneous wood products (244, 249)  
242 Furniture and fixtures (25)  
243-249 not used  
250-262 Stone, clay, glass, and concrete products  
250 Glass and glass products (321-323)  
251 Cement, concrete, gypsum, and plaster products (324, 327)  
252 Structural clay products (325)  
253-260 not used  
261 Pottery and related products (326)  
262 Miscellaneous nonmetallic mineral and stone products (328, 329)  
263-269 not used  
270-301 Metal industries  
270 Blast furnaces, steelworks, rolling and finishing mills (331)

271 Iron and steel foundries (332)  
 272 Primary aluminum industries (3334, part 334, 3353-3355, 3361)  
 273-279 not used  
 280 Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)  
 281 Cutlery, handtools, and other hardware, (342)  
 282 Fabricated structural metal products (344)  
 283-289 not used  
 290 Screw machine products (345)  
 291 Metal forgings and stampings (346)  
 292 Ordnance (348)  
 293-299 not used  
 300 Miscellaneous fabricated metal products (341, 343, 347, 349)  
 301 Not specified metal industries  
 302-309 not used  
 310-332 Machinery, except electrical  
 310 Engines and turbines (351)  
 311 Farm machinery and equipment (352)  
 312 Construction and material handling machines (353)  
 313-319 not used  
 320 Metalworking machinery (354)  
 321 Office and accounting machines (357, except 3573)  
 322 Electronic computing equipment (3573)  
 323-330 not used  
 331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)  
 332 Not specified machinery  
 333-339 not used  
 340-350 Electrical machinery, equipment, and supplies  
 340 Household appliances (363)  
 341 Radio, T.V. and communication equipment (365, 366)  
 342 Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)  
 343-349 not used  
 350 Not specified electrical machinery, equipment, and supplies  
 351-370 Transportation equipment  
 351 Motor vehicles and motor vehicle equipment (371)  
 352 Aircraft and parts (372)  
 353-359 not used  
 360 Ship and boat building and repairing (373)  
 361 Railroad locomotives and equipment (374)  
 362 Guided missiles, space vehicles, and parts (376)  
 363-369 not used  
 370 Cycles and miscellaneous transportation equipment (375, 379)  
 371-382 Professional and photographic equipment, and watches  
 371 Scientific and controlling instruments (381, 382)  
 372 Optical and health services supplies (383, 384, 385)  
 373-379 not used  
 380 Photographic equipment and supplies (386)  
 381 Watches, clocks, and clockwork operated devices (387)  
 382 Not specified professional equipment  
 383-389 not used  
 390 Toys, amusement, and sporting goods (394)  
 391 Miscellaneous manufacturing industries (39 except 394)  
 392 Not specified manufacturing industries(1)

393-399 not used

400-472 TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

400-432 Transportation

400 Railroads (40)

401 Bus service and urban transit (41 except 412)

402 Taxicab service (412)

403-409 not used

410 Trucking service (421, 423)

411 Warehousing and storage (422)

412 U.S. Postal Service (43)

413-419 not used

420 Water transportation (44)

421 Air transportation (45)

422 Pipe lines, except natural gas (46)

423-431 not used

432 Services incidental to transportation (47)

433-439 not used

440-442 Communications

440 Radio and television broadcasting (483)

441 Telephone (wire and radio) (481)

442 Telegraph and miscellaneous communication services (482, 489)

443-459 not used

460-472 Utilities and sanitary services

460 Electric light and power (491)

461 Gas and steam supply systems (492, 496)

462 Electric and gas, and other combinations (493)

463-469 not used

470 Water supply and irrigation (494, 497)

471 Sanitary services (495)

472 Not specified utilities

473-479 not used

500-571 WHOLESALE TRADE

500-532 Durable Goods

500 Motor vehicles and equipment (501)

501 Furniture and home furnishings (502)

502 Lumber and construction materials (503)

503-509 not used

510 Sporting goods, toys, and hobby goods (504)

511 Metals and minerals, except petroleum (505)

512 Electrical goods (506)

513-520 not used

521 Hardware, plumbing and heating supplies (507)

522 Not specified electrical and hardware products

523-529 not used

530 Machinery, equipment, and supplies (508)

531 Scrap and waste materials (5093)

532 Miscellaneous wholesale, durable goods (5094, 5099)

533-539 not used

540-571 Nondurable Goods

540 Paper and paper products (511)

541 Drugs, chemicals, and allied products (512, 516)

542 Apparel, fabrics, and notions (513)

543-549 not used

550 Groceries and related products (514)

551 Farm products - raw materials (515)

552 Petroleum products (517)  
553-559 not used  
560 Alcoholic beverages (518)  
561 Farm supplies (5191)  
562 Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)  
563-570 not used  
571 Not specified wholesale trade  
572-579 not used  
  
580-691 RETAIL TRADE  
580 Lumber and building material retailing (521, 523)  
581 hardware stores (525)  
582 retail nurseries and garden stores (526)  
583-589 not used  
590 Mobile home dealers (527)  
591 Department stores (531)  
592 Variety stores (533)  
593-599 not used  
600 Miscellaneous general merchandise stores (539)  
601 Grocery stores (541)  
602 Dairy products stores (545)  
603-609 not used  
610 Retail bakeries (546)  
611 Food stores, n.e.c. (542, 543, 544, 549)  
612 Motor vehicle dealers (551, 552)  
613-619 not used  
620 Auto and home supply stores (553)  
621 Gasoline service stations (554)  
622 Miscellaneous vehicle dealers (555, 556, 557, 559)  
623-629 not used  
630 Apparel and accessory stores, except shoe (56, except 566)  
631 Shoe stores (566)  
632 Furniture and home furnishings stores (571)  
633-639 not used  
640 Household appliances, TV, and radio stores (572, 573)  
641 Eating and drinking places (58)  
642 Drug stores (591)  
643-649 not used  
650 Liquor stores (592)  
651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)  
652 Book and stationery stores (5942, 5943)  
653-659 not used  
660 Jewelry stores (5944)  
661 Sewing, needlework, and piece goods stores (5949)  
662 Mail order houses (5961)  
663-669 not used  
670 Vending machine operators (5962)  
671 Direct selling establishments (5963)  
672 Fuel and ice dealers (598)  
673-680 not used  
681 Retail florists (5992)  
682 Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)  
683-690 not used  
691 Not specified retail trade  
692-699 not used



700-712 FINANCE, INSURANCE, AND REAL ESTATE  
700 Banking (60)  
701 Savings and loan associations (612)  
702 Credit agencies, n.e.c. (61, except 612)  
703-709 not used  
710 Security, commodity brokerage, and investment companies (62, 67)  
711 Insurance (63, 64)  
712 Real estate: including real estate-insurance-law offices (65, 66)  
713-720 not used

721-760 BUSINESS AND REPAIR SERVICES  
721 Advertising (731)  
722 Services to dwellings and other buildings (734)  
723-729 not used  
730 Commercial research, development, and testing labs (7391, 7397)  
731 Personnel supply services (736)  
732 Business management and consulting services (7392)  
733-739 not used  
740 Computer and data processing services (737)  
741 Detective and protective services (7393)  
742 Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)  
743-749 not used  
750 Automotive services, except repair (751, 752, 754)  
751 Automotive repair shops (753)  
752 Electrical repair shops (762, 7694)  
753-759 not used  
760 Miscellaneous repair services (763, 764, 7692, 7699)

761-791 PERSONAL SERVICES  
761 Private households (88)  
762 Hotels and motels (701)  
763-769 not used  
770 Lodging places, except hotels and motels (702, 703, 704)  
771 Laundry, cleaning, and garment services (721)  
772 Beauty shops (723)  
773-779 not used  
780 Barber shops (724)  
781 Funeral service and crematories (726)  
782 Shoe repair shops (725)  
783-789 not used  
790 Dressmaking shops (part 729)  
791 Miscellaneous personal services (722, part 729)  
792-799 not used

800-802 ENTERTAINMENT AND RECREATION SERVICES  
800 Theaters and motion pictures (78, 792)  
801 Bowling alleys, billiard and pool parlors (793)  
802 Miscellaneous entertainment and recreation services (791, 794, 799)  
803-811 not used

812-892 PROFESSIONAL AND RELATED SERVICES  
812 Offices of physicians (801, 803)

813-819 not used  
 820 Offices of dentists (802)  
 821 Offices of chiropractors (8041)  
 822 Offices of optometrists (8042)  
 823-829 not used  
 830 Offices of health practitioners, n.e.c. (8049)  
 831 Hospitals (806)  
 832 Nursing and personal care facilities (805)  
 833-839 not used  
 840 Health services, n.e.c. (807, 808, 809)  
 841 Legal services (81)  
 842 Elementary and secondary schools (821)  
 843-849 not used  
 850 Colleges and universities (822)  
 851 Business, trade, and vocational schools (824)  
 852 Libraries (823)  
 853-859 not used  
 860 Educational services, n.e.c. (829)  
 861 Job training and vocational rehabilitation services (833)  
 862 Child day care services (835)  
 863-869 not used  
 870 Residential care facilities, without nursing (836)  
 871 Social services, n.e.c. (832, 839)  
 872 Museums, art galleries, and zoos (84)  
 873-879 not used  
 880 Religious organizations (866)  
 881 Membership organizations (861-865, 869)  
 882 Engineering, architectural, and surveying services (891)  
 883-889 not used  
 890 Accounting, auditing, and bookkeeping services (893)  
 891 Noncommercial educational and scientific research (892)  
 892 Miscellaneous professional and related services (899)  
 893-889 not used

900-932 PUBLIC ADMINISTRATION  
 900 Executive and legislative offices (911-913)  
 901 General government, n.e.c. (919)  
 902-909 not used  
 910 Justice, public order, and safety (92)  
 911-920 not used  
 921 Public finance, taxation, and monetary policy (93)  
 922 Administration of human resources programs (94)  
 923-929 not used  
 930 Administration of environmental quality and housing programs  
 (95)  
 931 Administration of economic programs (96)  
 932 National security and international affairs (97)  
 933-990 not used  
 991 Assigned to persons whose labor force status is unemployed and  
 whose last job was Armed Forces.

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 (1)When shown separately, "Not specified manufacturing," is at the same level as "Nondurable goods" and "Durable goods." When not shown, it is tallied with "Durable goods."

## APPENDIX A2

Detailed Industry Recodes  
(01-51)

| Detailed Industry   | Recode | Industry Code |
|---|--------|---------------|
| Agriculture Service                                       | 01     | 020-021       |
| Other Agriculture   | 02     | 010-011       |
| Mining  | 03     | 040-050       |
| Construction  | 04     | 060           |
| Manufacturing (Durable Goods)                             |        |               |
| Lumber and wood products, except furniture                | 05     | 230-241       |
| Furniture and fixtures                                    | 06     | 242           |
| Stone clay, glass, and concrete product                   | 07     | 250-262       |
| Primary metals  | 08     | 270-280       |
| Fabricated metal  | 09     | 281-300       |
| Not specified metal industries                            | 10     | 301           |
| Machinery, except electrical                              | 11     | 310-332       |
| Electrical machinery, equipment, & supplies               | 12     | 340-350       |
| Motor vehicles and equipment                              | 13     | 351           |
| Aircraft and parts  | 14     | 352           |
| Other transportation equipment                            | 15     | 360-370       |
| Professional and photographic equipment,<br>and watches   | 16     | 371-382       |
| Toys, amusements, and sporting goods                      | 17     | 390           |
| Miscellaneous & not specified manufacturing<br>industries | 18     | 391-392       |
| Manufacturing (Nondurable Goods)                          |        |               |
| Food and kindred products                                 | 19     | 100-122       |
| Tobacco manufactures                                      | 20     | 130           |
| Textile mill products                                     | 21     | 132-150       |
| Apparel & other finished textile products                 | 22     | 151-152       |
| Paper and allied products                                 | 23     | 160-162       |
| Printing, publishing & allied industries                  | 24     | 171-172       |
| Chemicals and allied products                             | 25     | 180-192       |
| Petroleum and coal products                               | 26     | 200-201       |
| Rubber & miscellaneous plastics products                  | 27     | 210-212       |
| Leather and leather products                              | 28     | 220-222       |
| Transportation  | 29     | 400-432       |
| Communications  | 30     | 440-442       |
| Utilities and Sanitary Services                           | 31     | 460-472       |
| Wholesale Trade   | 32     | 500-571       |
| Retail Trade  | 33     | 580-691       |
| Banking and Other Finance                                 | 34     | 700-710       |
| Insurance and Real Estate                                 | 35     | 711-712       |
| Private Household Services                                | 36     | 761           |

|   |    |                    |
|---|----|--------------------|
| Business Services                           | 37 | 721-742            |
| Repair Services                             | 38 | 750-760            |
| Personal Services, Except Private Household | 39 | 762-791            |
| Entertainment and Recreation Services       | 40 | 800-802            |
| Hospitals                                   | 41 | 831                |
| Health Services, Except Hospitals           | 42 | 812-830<br>832-840 |
| Educational Services                        | 43 | 842-860            |
| Social Services                             | 44 | 861-871            |
| Other Professional Services                 | 45 | 841,872-892        |
| Forestry and Fisheries                      | 46 | 030-031            |
| Justice, Public Order and Safety            | 47 | 910                |
| Administration of Human Resource Programs   | 48 | 922                |
| National Security and Internal Affairs      | 49 | 932                |
| Other Public Administration                 | 50 | 901                |
| Armed Forces                                | 51 | 991                |

APPENDIX A3

Major Industry Recodes  
(01-14)

| Major Industry   | Recode | Industry Code |
|--|--------|---------------|
| Agriculture, Forestry, and Fisheries                         | 01     | 10-31         |
| Mining   | 02     | 40-50         |
| Construction   | 03     | 60            |
| Manufacturing  |        |               |
| (Durable Goods)  | 04     | 230-392       |
| Nondurable Goods   | 05     | 100-222       |
| Transportation, Communications<br>and Other Public Utilities | 06     | 400-472       |
| Wholesale Trade  | 07     | 500-571       |
| Retail Trade   | 08     | 580-691       |
| Finance, Insurance, and Real Estate                          | 09     | 700-712       |
| Business and Repair Services                                 | 10     | 721-760       |
| Personal Services Including<br>Private Households            | 11     | 761-791       |
| Entertainment and Recreation Services                        | 12     | 800-802       |
| Professional and Related Services                            | 13     | 812-892       |

## APPENDIX B1

## Occupational Classification Codes for Detailed Occupational Categories

(Numbers in parentheses are the 1980 SIC code equivalent; see U.S. Department of Commerce, Office of Federal Statistical Policy and Standards, Standard Occupational Classification Manual, 1980. "Pt" means part; "n.e.c." means not elsewhere classified.)

| Code    | Occupations  |
|---------|--|
| 000-002 | not used   |
| 003-199 | MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS                                      |
| 003-037 | Executive, Administrative, and Managerial Occupations                                  |
| 003     | Legislators (111)  |
| 004     | Chief executives and general administrators, public administration (112)               |
| 005     | Administrators and officials, public administration (1132-1139)                        |
| 006     | Administrators, protective services (1131)   |
| 007     | Financial managers (122)   |
| 008     | Personnel and labor relations managers (123)   |
| 009     | Purchasing managers (124)  |
| 010-012 | not used   |
| 013     | Managers, marketing, advertising, and public relations (125)                           |
| 014     | Administrators, education and related fields (128)                                     |
| 015     | Managers, medicine and health (131)  |
| 016     | Managers, properties and real estate (1353)  |
| 017     | Postmasters and mail superintendents (1344)  |
| 018     | Funeral directors (pt 1359)  |
| 019     | Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359) |
| 020-022 | not used   |
| 023-037 | Management Related Occupations   |
| 023     | Accountants and auditors (1412)  |
| 024     | Underwriters (1414)  |
| 025     | Other financial officers (1415, 1419)  |
| 026     | Management analysts (142)  |
| 027     | Personnel, training, and labor relations specialists (143)                             |
| 028     | Purchasing agents and buyers, farm products (1443)                                     |
| 029     | Buyers, wholesale and retail trade except farm products (1442)                         |
| 30-032  | not used   |
| 033     | Purchasing agents and buyers, n.e.c. (144)   |
| 034     | Business and promotion agents (145)  |
| 035     | Construction inspectors (1472)   |
| 036     | Inspectors and compliance officers, exc. construction (1473)                           |
| 037     | Management related occupations, n.e.c. (149)   |
| 038-042 | not used   |
| 043-199 | Professional Specialty Occupations   |
| 043-063 | Engineers, Architects, and Surveyors   |
| 043     | Architects (161)   |

044-059 Engineers  
 044 Aerospace (1622)  
 045 Metallurgical and materials (1623)  
 046 Mining (1624)  
 047 Petroleum (1625)  
 048 Chemical (1626)  
 049 Nuclear (1627)  
 050-052 not used  
 053 Civil (1628)  
 054 Agricultural (1632)  
 055 Electrical and electronic (1633, 1636)  
 056 Industrial (1634)  
 057 Mechanical (1635)  
 058 Marine and naval architects (1637)  
 059 Engineers, n.e.c. (1639)  
 060-062 not used  
 063 Surveyors and Mapping Scientists (164)  
 064-068 Mathematical and Computer Scientists  
 064 Computer systems analysts and scientists (171)  
 065 Operations and systems researchers and analysts (172)  
 066 Actuaries (1732)  
 067 Statisticians (1733)  
 068 Mathematical scientists, n.e.c. (1739)  
 069-083 Natural Scientists  
 069 Physicists and astronomers (1842, 1843)  
 070-072 not used  
 073 Chemists, except biochemists (1845)  
 074 Atmospheric and space scientists (1846)  
 075 Geologists and geodesists (1847)  
 076 Physical scientists, n.e.c. (1849)  
 077 Agricultural and food scientists (1853)  
 078 Biological and life scientists (1854)  
 079 Forestry and conservation scientists (1852)  
 080-082 not used  
 083 medical scientists (1855)  
 084-089 Health Diagnosing Occupations  
 084 Physicians (261)  
 085 Dentists (262)  
 086 Veterinarians (27)  
 087 Optometrists (281)  
 088 Podiatrists (283)  
 089 Health diagnosing practitioners, n.e.c. (289)  
 090-094 not used  
 095-106 Health Assessment and Treating Occupations  
 095 Registered nurses (29)  
 096 Pharmacists (301)  
 097 Dietitians (302)  
 098-105 Therapists  
 098 Inhalation therapists (3031)  
 099 Occupational therapists (3032)  
 100-102 not used  
 103 Physical therapists (3033)  
 104 Speech therapists (3034)  
 105 Therapists, n.e.c. (3039)  
 106 Physicians' assistants (3040)  
 107-112 not used  
 113-154 Teachers, Postsecondary

113 Earth, environmental, and marine science teachers (2212)  
114 Biological science teachers (2213)  
115 Chemistry teachers (2214)  
116 Physics teachers (2215)  
117 Natural science teachers, n.e.c. (2216)  
118 Psychology teachers (2217)  
119 Economics teachers (2218)  
120-122 not used  
123 History teachers (2222)  
124 Political science teachers (2223)  
125 Sociology teachers (2224)  
126 Social science teachers, n.e.c. (2225)  
127 Engineering teachers (2226)  
128 Mathematical science teachers (2227)  
129 Computer science teachers (2228)  
130-132 not used  
133 Medical science teachers (2231)  
134 Health specialties teachers (2232)  
135 Business, commerce, and marketing teachers (2233)  
136 Agriculture and forestry teachers (2234)  
137 Art, drama, and music teachers (2235)  
138 Physical education teachers (2236)  
139 Education teachers (2237)  
140-142 not used  
143 English teachers (2238)  
144 Foreign language teachers (2242)  
145 Law teachers (2243)  
146 Social work teachers (2244)  
147 Theology teachers (2245)  
148 Trade and industrial teachers (2246)  
149 Home economics teachers (2247)  
150-152 not used  
153 Teachers, postsecondary, n.e.c. (2249)  
154 Postsecondary teachers, subject not specified  
155-159 Teachers, Except Postsecondary  
155 Teachers, prekindergarten and kindergarten (231)  
156 Teachers, elementary school (232)  
157 Teachers, secondary school (233)  
158 Teachers, special education (235)  
159 Teachers, n.e.c. (236, 239)  
160-162 not used  
163 Counselors, educational and vocational (24)  
164-165 Librarians, Archivists, and Curators  
164 Librarians (251)  
165 Archivists and curators (252)  
166-173 Social Scientists and Urban Planners  
166 Economists (1912)  
167 Psychologists (1915)  
168 Sociologists (1916)  
169 Social scientists, n.e.c. (1913, 1914, 1919)  
170-172 not used  
173 Urban planners (192)  
174-177 Social, Recreation, and Religious Workers  
174 Social workers (2032)  
175 Recreation workers (2033)  
176 Clergy (2042)  
177 Religious workers, n.e.c. (2049)

|         |   |
|---------|---|
| 178-179 | Lawyers and Judges  |
| 178     | Lawyers (211)   |
| 179     | Judges (212)  |
| 180-182 | not used  |
| 183-199 | Writers, Artists, Entertainers, and Athletes                          |
| 183     | Authors (321)   |
| 184     | Technical writers (398)   |
| 185     | Designers (322)   |
| 186     | Musicians and composers (323)   |
| 187     | Actors and directors (324)  |
| 188     | Painters, sculptors, craft-artists, and artists<br>print-makers (325) |
| 189     | Photographers (326)   |
| 190-192 | not used  |
| 193     | Dancers (327)   |
| 194     | Artists, performers, and related workers, n.e.c.<br>(328, 329)        |
| 195     | Editors and reporters (331)   |
| 196     | not used  |
| 197     | Public relations specialists (332)                                    |
| 198     | Announcers (333)  |
| 199     | Athletes (34)   |
| 200-202 | not used  |
| 203-389 | TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS              |
| 203-235 | Technicians and Related Support Occupations                           |
| 203-208 | Health Technologists and Technicians                                  |
| 203     | Clinical laboratory technologists and technicians (362)               |
| 204     | Dental hygienists (363)   |
| 205     | Health record technologists and technicians (364)                     |
| 206     | Radiologic technicians (365)  |
| 207     | Licensed practical nurses (366)                                       |
| 208     | Health technologists and technicians, n.e.c. (369)                    |
| 209-212 | not used  |
| 213-235 | Technologists and Technicians, Except Health                          |
| 213-218 | Engineering and Related Technologists and Technicians                 |
| 213     | Electrical and electronic technicians (3711)                          |
| 214     | Industrial engineering technicians (3712)                             |
| 215     | Mechanical engineering technicians (3713)                             |
| 216     | Engineering technicians, n.e.c. (3719)                                |
| 217     | Drafting occupations (372)  |
| 218     | Surveying and mapping technicians (373)                               |
| 219-222 | not used  |
| 223-225 | Science Technicians   |
| 223     | Biological technicians (382)  |
| 224     | Chemical technicians (3831)   |
| 225     | Science technicians n.e.c. (3832, 3833, 384, 389)                     |
| 226-235 | Technicians; Except Health, Engineering, and Science                  |
| 226     | Airplane pilots and navigators (825)                                  |
| 227     | Air traffic controllers (392)   |
| 228     | Broadcast equipment operators (393)                                   |
| 229     | Computer programmers (3971, 3972)                                     |
| 230-232 | not used  |
| 233     | Tool programmers, numerical control (3974)                            |
| 234     | Legal assistants (396)  |
| 235     | Technicians, n.e.c. (399)   |
| 236-242 | not used  |



243-285 Sales Occupations  
 243 Supervisors and proprietors, sales occupations (40)  
 244-252 not used  
 253-257 Sales Representatives, Finance and Business Services  
 253 Insurance sales occupations (4122)  
 254 Real estate sales occupations (4123)  
 255 Securities and financial services sales occupations  
 (4124)  
 256 Advertising and related sales occupations (4153)  
 257 Sales occupations, other business services (4152)  
 258-259 Sales Representative, Commodities Except Retail  
 258 Sales engineers (421)  
 259 Sales representatives, mining, manufacturing, and  
 wholesale (423, 424)  
 260-262 not used  
 263-278 Sales Workers, Retail and Personal Services  
 263 Sales workers, motor vehicles and boats (4342, 4344)  
 264 Sales workers, apparel (4346)  
 265 Sales workers, shoes (4351)  
 266 Sales workers, furniture and home furnishings (4348)  
 267 Sales workers, radio, TV, hi-fi, and appliances  
 (4343, 4352)  
 268 Sales workers, hardware and building supplies (4353)  
 269 Sales workers, parts (4367)  
 270-273 not used  
 274 Sales workers, other commodities (4345, 4347, 4354,  
 4356, 4359, 4362, 4369)  
 275 Sales counter clerks (4363)  
 276 Cashiers (4364)  
 277 Street and door-to-door sales workers (4366)  
 278 News vendors (4365)  
 279-282 not used  
 283-285 Sales Related Occupations  
 283 Demonstrators, promoters and models, sales (445)  
 284 Auctioneers (447)  
 285 Sales support occupations, n.e.c. (444, 446, 449)  
 286-302 not used  
 303-389 Administrative Support Occupations, Including Clerical  
 303-307 Supervisors, Administrative Support Occupations  
 303 Supervisors, general office (4511, 4513, 4514, 4515,  
 4516, 4519, 4529)  
 304 Supervisors, computer equipment operators (4512)  
 305 Supervisors, financial records processing (4521)  
 306 Chief communications operators (4523)  
 307 Supervisors; distribution, scheduling, and adjusting  
 clerks (4522, 4524-4528)  
 308-309 Computer Equipment Operators  
 308 Computer operators (4612)  
 309 Peripheral equipment operators (4613)  
 310-312 not used  
 313-315 Secretaries, Stenographers and Typists  
 313 Secretaries (4622)  
 314 Stenographers (4623)  
 315 Typists (4624)  
 316-323 Information Clerks  
 316 Interviewers (4642)  
 317 Hotel clerks (4643)

318 Transportation ticket and reservation agents (4644)  
 319 Receptionists (4645)  
 320-322 not used  
 323 Information clerks, n.e.c. (4649)  
 324 not used  
 325-336 Records Processing Occupation, Except Financial  
 325 Classified-ad clerks (4662)  
 326 Correspondence clerks (4663)  
 327 Order clerks (4664)  
 328 Personnel clerks, except payroll and timekeeping (4692)  
 329 Library clerks (4694)  
 330-334 not used  
 335 File clerks (4696)  
 336 Records clerks (4699)  
 337-344 Financial Records Processing Occupations  
 337 Bookkeepers, accounting, and auditing clerks (4712)  
 338 Payroll and timekeeping clerks (4713)  
 339 Billing clerks (4715)  
 340-342 not used  
 343 Cost and rate clerks (4716)  
 344 Billing, posting, and calculating machine operators  
 (4718)  
 345-347 Duplicating, Mail and Other Machine Operators  
 345 Duplicating machine operators (4722)  
 346 Mail preparing and paper handling machine operators  
 (4723)  
 347 Office machine operators, n.e.c. (4729)  
 348-353 Communications Equipment Operators  
 348 Telephone operators (4732)  
 349 Telegraphers (4733)  
 350-352 not used  
 353 Communications equipment operators, n.e.c. (4793)  
 354-357 Mail and Message Distributing Occupations  
 354 Postal clerks, exc. mail carriers (4742)  
 355 Mail carriers, postal service (4743)  
 356 Mail clerks, exc. postal service (4744)  
 357 Messengers (4745)  
 358 not used  
 359-374 Material Recording, Scheduling, and Distributing Clerks,  
 n.e.c.  
 359 Dispatchers (4751)  
 360-362 not used  
 363 Production coordinators (4752)  
 364 Traffic, shipping, and receiving clerks (4753)  
 365 Stock and inventory clerks (4754)  
 366 Meter readers (4755)  
 367 not used  
 368 Weighers, measurers, and checkers (4756)  
 369 Samplers (4757)  
 370-372 not used  
 373 Expeditors (4758)  
 374 Material recording, scheduling, and distributing  
 clerks, n.e.c. (4759)  
 375-378 Adjusters and Investigators  
 375 Insurance adjusters, examiners, and investigators  
 (4782)  
 376 Investigators and adjusters, except insurance (4783)

377 Eligibility clerks, social welfare (4784)  
 378 Bill and account collectors (4786)  
 379-389 Miscellaneous Administrative Support Occupations  
 379 General office clerks (463)  
 380-382 not used  
 383 Bank tellers (4791)  
 384 Proofreaders (4792)  
 385 Data-entry keyers (4793)  
 386 Statistical clerks (4794)  
 387 Teachers aides (4795)  
 388 not used  
 389 Administrative support occupations, n.e.c. (4787,  
 4799)  
 390-402 not used  
  
 403-469 SERVICE OCCUPATIONS  
 403-407 Private Household Occupations  
 403 Launderers and ironers (503)  
 404 Cooks, private household (504)  
 405 Housekeepers and butlers (505)  
 406 Child care workers, private household (506)  
 407 Private household cleaners and servants (502, 507, 509)  
 408-412 not used  
 413-427 Protective Service Occupations  
 413-415 Supervisors, protective service occupations  
 413 Supervisors, firefighting and fire prevention  
 occupations (5111)  
 414 Supervisors, police and detectives (5112)  
 415 Supervisors, guards (5113)  
 416-417 Firefighting and fire prevention occupations  
 416 Fire inspection and fire prevention occupations (5122)  
 417 Firefighting occupations (5123)  
 418-424 Police and detectives  
 418 Police and detectives, public service (5132)  
 423 Sheriffs, bailiffs, and other law enforcement officers  
 (5134)  
 424 Correctional institution officers (5133)  
 425-427 Guards  
 425 Crossing guards (5142)  
 426 Guards and police, exc., public service (5144)  
 427 Protective service occupations, n.e.c. (5149)  
 433-469 Service Occupations, Except Protective and Household  
 433-444 Food preparation and service occupations  
 433 Supervisors, food preparation and service occupations  
 (5211)  
 434 Bartenders (5212)  
 435 Waiters and waitresses (5213)  
 436 Cooks, except short order (5214)  
 437 Short-order cooks (5215)  
 438 Food counter, fountain and related occupations (5216)  
 439 Kitchen workers, food preparation (5217)  
 440-442 not used  
 443 Waiters'/waitresses' assistants (5218)  
 444 Miscellaneous food preparation occupations (5219)  
 445-447 Health Service Occupations  
 445 Dental assistants (5232)  
 446 Health aides, except nursing (5233)

447 Nursing aides, orderlies, and attendants (5236)  
 448-455 Cleaning and Building Service Occupations, except Household  
 448 Supervisors, cleaning and building service workers (5241)  
 449 Maids and housemen (5242, 5249)  
 450-452 not used  
 453 Janitors and cleaners (5244)  
 454 Elevator operators (5245)  
 455 Pest control occupations (5246)  
 456-469 Personal Service Occupations  
 456 Supervisors, personal service occupations (5251)  
 457 Barbers (5252)  
 458 Hairdressers and cosmetologists (5253)  
 459 Attendants, amusement and recreation facilities (5254)  
 460-462 not used  
 463 Guides (5255)  
 464 Ushers (5256)  
 465 Public transportation attendants (5257)  
 466 Baggage porters and bellhops (5262)  
 467 Welfare service aides (5263)  
 468 Child care workers, except private household (5264)  
 469 Personal service occupations, n.e.c. (5258, 5269)  
 470-472 not used

473-499 FARMING, FORESTRY, AND FISHING OCCUPATIONS

473-476 Farm Operators and Managers  
 473 Farmers, except horticulture (5512, 5514)  
 474 Horticultural specialty farmers, (5515)  
 475 Managers, farms, except horticultural (5522-5524)  
 476 Managers, horticultural specialty farms (5525)  
 477-489 Other Agricultural and Related Occupations  
 477-484 Farm Occupations, Except Managerial  
 477 Supervisors, farm workers (5611)  
 478 not used  
 479 Farm workers (5612-5617)  
 480-482 not used  
 483 Marine life cultivation workers (5618)  
 484 Nursery workers (5619)  
 485-489 Related Agricultural Occupations  
 485 Supervisors, related agricultural occupations (5621)  
 486 Groundskeepers and gardeners, except farm (5622)  
 487 Animal caretakers, except farm (5624)  
 488 Graders and sorters, agricultural products (5625)  
 489 Inspectors, agricultural products (5627)  
 490-493 not used  
 494-496 Forestry and Logging Occupations  
 494 Supervisors, forestry and logging workers (571)  
 495 Forestry workers, except logging (572)  
 496 Timber cutting and logging occupations (573, 579)  
 497-499 Fishers, Hunters, and Trappers  
 497 Captains and other officers, fishing vessels (pt 8241)  
 498 Fishers (583)  
 499 Hunters and trappers (584)  
 500-502 not used

503 PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

503-549 Mechanics and Repairers  
 503 Supervisors, mechanics and repairers (60)  
 504 not used  
 505-549 Mechanics and Repairers, Except Supervisors  
 505-517 Vehicle and Mobile Equipment Mechanics and Repairers  
 505 Automobile mechanics (pt 6111)  
 506 Automobile mechanic apprentices (pt 6111)  
 507 Bus, truck, and stationary engine mechanic (6112)  
 508 Aircraft engine mechanics (6113)  
 509 Small engine repairers (6114)  
 510-513 not used  
 514 Automobile body and related repairers (6115)  
 515 Aircraft mechanics, exc. engine (6116)  
 516 Heavy equipment mechanics (6117)  
 517 Farm equipment mechanics (6118)  
 518 Industrial machinery repairers (613)  
 519 Machinery maintenance occupations (614)  
 520-522 not used  
 523-533 Electrical and Electronic Equipment Repairers  
 523 Electronic repairers, communications and industrial  
 equipment (6151, 6153, 6155)  
 524 not used  
 525 Data processing equipment repairers (6154)  
 526 Household appliance and power tool repairers (6156)  
 527 Telephone line installers and repairers (6157)  
 528 not used  
 529 Telephone installers and repairers (6158)  
 530-532 not used  
 533 Miscellaneous electrical and electronic equipment  
 repairers (6152, 6159)  
 534 Heating, air conditioning, and refrigeration mechanics  
 (616)  
 535-549 Miscellaneous Mechanics and Repairers  
 535 Camera, watch, and musical instrument repairers (6171,  
 6172)  
 536 Locksmiths and safe repairers (6173)  
 537 not used  
 538 Office machine repairers (6174)  
 539 Mechanical controls and valve repairers (6175)  
 540-542 not used  
 543 Elevator installers and repairers (6176)  
 544 Millwrights (6178)  
 545-546 not used  
 547 Specified mechanics and repairers, n.e.c. (6177, 6179)  
 548 not used  
 549 Not specified mechanics and repairers  
 550-552 not used  
 553-599 Construction Trades  
 553-558 Supervisors, Construction Occupations  
 553 Supervisors; brickmasons, stonemasons, and tile setters  
 (6312)  
 554 Supervisors, carpenters and related workers (6313)  
 555 Supervisors, electricians and power transmission  
 installers (6134)  
 556 Supervisors; painters, paperhangers, and plasterers  
 (6315)  
 557 Supervisors; plumbers, pipefitters, and steamfitters

(6316)

558 Supervisors, n.e.c. (6311, 6318)

559-562 not used

563-599 Construction Trades, Except Supervisors

563 Brickmasons and stonemasons (pt 6412, pt 6413)

564 Brickmason and stonemason apprentices (pt 6412, pt 6413)

565 Tile setters, hard and soft (6414, pt 6462)

566 Carpet installers (pt 6462)

567 Carpenters (pt 6422)

568 not used

569 Carpenter apprentices (pt 6422)

570-572 not used

573 Drywall installers (6424)

574 not used

575 Electricians (pt 6432)

576 Electrician apprentices (pt 6432)

577 Electrical power installers and repairers (6433)

578 not used

579 Painters, construction and maintenance (6442)

580-582 not used

583 Paperhangers (6443)

584 Plasterers (6444)

585 Plumbers, pipefitters, and steamfitters (pt 645)

586 not used

587 Plumber, pipefitter, and steamfitter apprentices (pt 645)

588 Concrete and terrazzo finishers (6463)

589 Glaziers (6464)

590-592 not used

593 Insulation workers (6465)

594 Paving, surfacing, and tamping equipment operators (6466)

595 Roofers (6468)

596 Sheetmetal duct installers (6472)

597 Structural metal workers (6473)

598 Drillers, earth (6474)

599 Construction trades, n.e.c. (6467, 6475, 6476, 6479)

600-612 not used

613-617 Extractive Occupations

613 Supervisors, extractive occupations (632)

614 Drillers, oil well (652)

615 Explosives workers (653)

616 Mining machine operators (654)

617 Mining occupations, n.e.c. (656)

618-632 not used

633-699 Precision Production Occupations

633 Supervisors, production occupations (67, 710)

634-655 Precision Metal Working Occupations

634 Tool and die makers (pt 6811)

635 Tool and die maker apprentices (pt 6811)

636 Precision assemblers, metal (6812)

637 Machinists (pt 6813)

638 not used

639 Machinist apprentices (pt 6813)

640-642 not used

643 Boilermakers (6814)

644 Precision grinders, filers, and tool sharpeners (6816)

645 Patternmakers and model makers, metal (6817)

646 Lay-out workers (6812)

647 Precious stones and metals workers (jewelers) (6822,  
 6866)  
 648 not used  
 649 Engravers, metal (6823)  
 650-652 not used  
 653 Sheet metal workers (pt 6824)  
 654 Sheet metal worker apprentices (pt 6824)  
 655 Miscellaneous precision metal workers (6829)  
 656-659 Precision Woodworking Occupations  
 656 Patternmakers and model makers, wood (6831)  
 657 Cabinet makers and bench carpenter (6832)  
 658 Furniture and wood finishers (6835)  
 659 Miscellaneous precision woodworkers (6839)  
 660-665 not used  
 666-674 Precision Textile, Apparel, and Furnishings Machine  
 Workers  
 666 Dressmakers (pt 6852, pt 7752)  
 667 Tailors (pt 6852)  
 668 Upholsterers (6853)  
 669 Shoe repairers (6854)  
 670-672 not used  
 673 Apparel and fabric patternmakers (6856)  
 674 Miscellaneous precision apparel and fabric workers  
 (6859, pt 7752)  
 675 Hand molders and shapers, except jewelers (6861)  
 676 Patternmakers, lay-out workers, and cutters (6862)  
 677 Optical goods workers (6864, pt 7477, pt 7677)  
 678 Dental laboratory and medical appliance technicians  
 (6865)  
 679 Bookbinders (6844)  
 680-682 not used  
 683 Electrical and electronic equipment assemblers (6867)  
 684 Miscellaneous precision workers, n.e.c. (6869)  
 685 not used  
 686-688 Precision Food Production Occupations  
 686 Butchers and meat cutters (6871)  
 687 Bakers (6872)  
 688 Food batchmakers (6873, 6879)  
 689-693 Precision Inspectors, Testers, and Related Workers  
 689 Inspectors, testers, and graders (6881, 828)  
 690-692 not used  
 693 Adjusters and calibrators (6882)  
 694-699 Plant and System Operators  
 694 Water and sewage treatment plant operators (691)  
 695 Power plant operators (pt 693)  
 696 Stationary engineers (pt 693, 7668)  
 697-698 not used  
 699 Miscellaneous plant and system operators (692, 694, 695,  
 696)  
 700-702 not used  
  
 703-889 OPERATORS, FABRICATORS, AND LABORERS  
 703-799 Machine Operators, Assemblers, and Inspectors  
 703-779 Machine Operators and Tenders, except Precision  
 703-715 Metal Working and Plastic Working Machine Operators  
 703 Lathe and turning machine set-up operators (7312)  
 704 Lathe and turning machine operators (7512)

705 Milling and planing machine operators (7313, 7513)  
 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)  
 707 Rolling machine operators (7316, 7516)  
 708 Drilling and boring machine operators (7318, 7518)  
 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)  
 710-712 not used  
 713 Forging machine operators (7319, 7519)  
 714 Numerical control machine operators (7326)  
 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)  
 716 not used  
 717 Fabricating machine operators, n.e.c. (7339, 7539)  
 718 not used  
 719-725 Metal and plastic processing machine operators  
 719 Molding and casting machine operators (7315, 7342, 7515, 7542)  
 720-722 not used  
 723 Metal plating machine operators (7343, 7543)  
 724 Heat treating equipment operators (7344, 7544)  
 725 Miscellaneous metal and plastic processing machine operators (7349, 7549)  
 726-733 Woodworking Machine Operators  
 726 Wood lathe, routing, and planeing machine operators (7431, 7432, 7631, 7632)  
 727 Sawing machine operators (7433, 7633)  
 728 Shaping and joining machine operators (7435, 7635)  
 729 Nail and tacking machine operators (7636)  
 730-732 not used  
 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)  
 734-737 Printing Machine Operators  
 734 Printing machine operators (7443, 7643)  
 735 Photoengravers and lithographers (6842, 7444, 7644)  
 736 Typesetters and compositors (6841, 7642)  
 737 Miscellaneous printing machine operators (6849, 7449, 7649)  
 738-749 Textile, Apparel and Furnishings Machine Operators  
 738 Winding and twisting machine operators (7451, 7651)  
 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)  
 740-742 not used  
 743 Textile cutting machine operators (7654)  
 744 Textile sewing machine operators (7655)  
 745 Shoe machine operators (7656)  
 746 not used  
 747 Pressing machine operators (7657)  
 748 Laundering and dry cleaning machine operators (6855, 7658)  
 749 Miscellaneous textile machine operators (7459, 7659)  
 750-752 not used  
 753-779 Machine Operators, Assorted Materials  
 753 Cementing and gluing machine operators (7661)  
 754 Packaging and filling machine operators (7562, 7662)  
 755 Extruding and forming machine operators (7463, 7663)  
 756 Mixing and blending machine operators (7664)



757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)  
758 Compressing and compacting machine operators (7646, 7667)  
759 Painting and paint spraying machine operators (7669)  
760-762 not used  
763 Roasting and baking machine operators, food (7472, 7672)  
764 Washing, cleaning, and pickling machine operators (7673)  
765 Folding machine operators (7474, 7674)  
766 Furnace, kiln, and oven operators, exc. food (7675)  
767 not used  
768 Crushing and grinding machine operators (pt 7477, pt 7677)  
769 Slicing and cutting machine operators (7478, 7678)  
770-772 not used  
773 Motion picture projectionists (pt 7479)  
774 Photographic process machine operators (6863, 6868, 7671)  
775-776 not used  
777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)  
778 not used  
779 Machine operators, not specified  
780-782 not used  
783-795 Fabricators, Assemblers, and Hand Working Occupations  
783 Welders and cutters (7332, 7532, 7714)  
784 Solderers and brazers (7333, 7533, 7717)  
785 Assemblers (772, 774)  
786 Hand cutting and trimming occupations (7753)  
787 Hand molding, casting, and forming occupations (7754, 7755)  
788 not used  
789 Hand painting, coating, and decorating occupations (7756)  
790-792 not used  
793 Hand engraving and printing occupations (7757)  
794 Hand grinding and polishing occupations (7758)  
795 Miscellaneous hand working occupations (7759)  
796-799 Production Inspectors, Testers, Samplers, and Weighers  
796 Production inspectors, checkers, and examiners (782, 787)  
797 Production testers (783)  
798 Production samplers and weighers (784)  
799 Graders and sorters, exc. agricultural (785)  
800-802 not used  
803-859 Transportation and Material Moving Occupations  
803-814 Motor Vehicle Operators  
803 Supervisors, motor vehicle operators (8111)  
804 Truck drivers, heavy (8212, 8213)  
805 Truck drivers, light (8214)  
806 Driver-sales workers (8218)  
807 not used  
808 Bus drivers (8215)  
809 Taxicab drivers and chauffeurs (8216)  
810-812 not used

813                    Parking lot attendants (874)  
 814                    Motor transportation occupations, n.e.c. (8219)  
 815-822                not used  
 823-834                Transportation Occupations, Except Motor Vehicles  
 823-826                Rail Transportation Occupations  
 823                    Railroad conductors and yardmasters (8113)  
 824                    Locomotive operating occupations (8232)  
 825                    Railroad brake, signal, and switch operators (8233)  
 826                    Rail vehicle operators, n.e.c. (8239)  
 827                    not used  
 828-834                Water Transportation Occupations  
 828                    Ship captains and mates, except fishing boats (pt  
                          8241, 8242)  
 829                    Sailors and deckhands (8243)  
 830-832                not used  
 833                    Marine engineers (8244)  
 834                    Bridge, lock, and lighthouse tenders (8245)  
 835-842                not used  
 843-859                Material Moving Equipment Operators  
 843                    Supervisors, material moving equipment operators (812)  
 844                    Operating engineers (8312)  
 845                    Longshore equipment operators (8313)  
 846-847                not used  
 848                    Hoist and winch operators (8314)  
 849                    Crane and tower operators (8315)  
 850-852                not used  
 853                    Excavating and loading machine operators (8316)  
 854                    not used  
 855                    Grader, dozer, and scraper operators (8317)  
 856                    Industrial truck and tractor equipment operators (8318)  
 857-858                not used  
 859                    Miscellaneous material moving equipment operators  
                          (8319)  
 860-862                not used  
 863-889                Handlers, Equipment Cleaners, Helpers, and Laborers  
 863                    Supervisors, handlers, equipment cleaners, and laborers,  
                          n.e.c. (85)  
 864                    Helpers, mechanics and repairers (863)  
 865-867                Helpers, Construction and Extractive Occupations  
 865                    Helpers, construction trades (8641-8645, 8648)  
 866                    Helpers, surveyor (8646)  
 867                    Helpers, extractive occupations (865)  
 868                    not used  
 869                    Construction laborers (871)  
 870-872                not used  
 873                    Production helpers (861, 862)  
 874                    not used  
 875-883                Freight, Stock, and Material Handlers  
 875                    Garbage collectors (8722)  
 876                    Stevedores (8723)  
 877                    Stock handlers and baggers (8724)  
 878                    Machine feeders and offbearers (8725)  
 879-882                not used  
 883                    Freight, stock, and material handlers, n.e.c. (8726)  
 884                    not used  
 885                    Garage and service station related occupation (873)  
 886                    not used

887 Vehicle washers and equipment cleaners (875)  
 888 Hand packers and packagers (8761)  
 889 Laborers, except construction (8769)  
 890-904 not used  
 905 Assigned to persons whose labor force status is  
 unemployed and whose last job was Armed Forces.

APPENDIX B2

Detailed Occupation Recodes  
 (01-46)

| Detailed Occupation   | Recode   | Occupation Code               |
|---|----------|-------------------------------|
| Administrators and Officials,<br>Public Administration                          | 01       | 003-006                       |
| Other Executive, Administrators, and Managers<br>Management Related Occupations | 02<br>03 | 007-019<br>023-037            |
| Engineers   | 04       | 044-059                       |
| Mathematical and Computer Scientists  | 05       | 064-068                       |
| Natural Scientists  | 06       | 069-083                       |
| Health Diagnosing Occupations   | 07       | 084-089                       |
| Health Assessment and Treating Occupations                                      | 08       | 095-106                       |
| Teachers, College and University  | 09       | 113-154                       |
| Teachers, Except College and University   | 10       | 155-159                       |
| Lawyers and Judges  | 11       | 178-179                       |
| Other Professional Specialty Occupations  | 12       | 043-063<br>163-177<br>183-199 |
| Health Technologists and Technicians  | 13       | 203-208                       |
| Engineering and Science Technicians   | 14       | 213-225                       |
| Technicians, Except Health<br>Engineering, and Science                          | 15       | 226-235                       |
| Supervisors and Proprietors,<br>Sales Occupations                               | 16       | 243                           |
| Sales Representatives, Finance,<br>and Business Service                         | 17       | 253-257                       |
| Sales Representatives, Commodities,<br>Except Retail                            | 18       | 258-259                       |
| Sales Workers, Retail and<br>Personal Services                                  | 19       | 263-278                       |
| Sales Related Occupations   | 20       | 283-285                       |
| Supervisors - Administrative Support  | 21       | 303-307                       |
| Computer Equipment Operators  | 22       | 308-309                       |
| Secretaries, Stenographers, and Typists   | 23       | 313-315                       |
| Financial Records, Processing Occupations                                       | 24       | 337-344                       |
| Mail and Message Distributing   | 25       | 354-357                       |
| Other Administrative Support Occupations,<br>Including Clerical                 | 26       | 316-336                       |

|   |    |                         |
|---|----|-------------------------|
| Private Household Service Occupations                   | 27 | 403-407                 |
| Protective Service Occupations                          | 28 | 413-427                 |
| Food Service Occupations                                | 29 | 433-444                 |
| Health Service Occupations                              | 30 | 445-447                 |
| Cleaning and Building Service Occupations               | 31 | 448-455                 |
| Personal Service Occupations                            | 32 | 456-469                 |
| Mechanics and Repairers                                 | 33 | 503-549                 |
| Construction Trades                                     | 34 | 553-599                 |
| Other Precision Production Occupations                  | 35 | 613-699                 |
| Machine Operators and Tenders,<br>Except Precision      | 36 | 703-779                 |
| Fabricators, Assemblers, Inspectors,<br>and Samplers    | 37 | 783-799                 |
| Motor Vehicle Operators                                 | 38 | 803-814                 |
| Other Transportation Occupations<br>and Material Moving | 39 | 823-859                 |
| Construction Laborer                                    | 40 | 869                     |
| Freight, Stock and Material Handlers                    | 41 | 875-883                 |
| Other Handlers, Equipment Cleaners,<br>and Laborers     | 42 | 863-867<br>873, 885-889 |
| Farm Operators and Managers                             | 43 | 473-476                 |
| Farm Workers and Related Occupations                    | 44 | 477-489                 |
| Forestry and Fishing Occupations                        | 45 | 494-499                 |
| Armed Forces, Currently Civilian                        | 46 | 905                     |

APPENDIX B3

Major Occupation Group Recodes  
(01-14)

| Occupation Group                                     | Recode | Occupation Code |
|--|--------|-----------------|
| Executive, Administrative, & Managerial Occupations  | 01     | 003-037         |
| Professional Specialty Occupations                   | 02     | 043-199         |
| Technicians and Related Support Occupations          | 03     | 203-389         |
| Sales Occupations                                    | 04     | 243-285         |
| Administrative Support Occupations, Inc. Clerical    | 05     | 303-389         |
| Private Household Service Occupations                | 06     | 403-407         |
| Protective Service Occupation                        | 07     | 413-427         |
| Service Occupations, Except Protective and Household | 08     | 433-469         |
| Farming, Forestry, and Fishing Occupations           | 09     | 473-499         |

|  |    |         |
|--|----|---------|
| Precision Production, Craft, and Repair Occupations    | 10 | 503-699 |
| Machine Operators, Assemblers, and Inspectors          | 11 | 703-799 |
| Transportation & Material Moving Equipment Occupations | 12 | 803-859 |
| Handlers, Equipment Cleaners, Helpers, and Laborers    | 13 | 863-889 |
| Armed Forces, Currently Civilian                       | 14 | 905     |

APPENDIX C1

Selected Tables from the Current Population Survey, March 1988

|          |   |  |
|----------|---|--|
| Table 1  | - | Population by Age, Race, Sex, Origin, and Population Status                        |
| Table 2  | - | Population by Race, Sex, Origin, and Relationship to Head                          |
| Table 3  | - | Weighted and Unweighted Counts   |
| Table 4  | - | Persons 15+ Years Old by Race, Sex, and Type of Income                             |
| Table 5  | - | Families and Unrelated Individuals 15+ by Race and Sex of Head and Type of Income  |
| Table 6  | - | Household and Family Units by Race and Origin                                      |
| Table 7  | - | Persons 15 Years and Over by Total Money Income, Race, and Sex                     |
| Table 8  | - | Families and Unrelated Individuals 15+ by Total Money Income                       |
| Table 9  | - | Work Experience of Persons 16 Years Old and Over by Race, Sex, and Work Experience |
| Table 10 | - | Mobility by Sex, Race, Spanish Origin, and Residence                               |

APPENDIX C2

Selected Tables from the Current Population Survey, March 1989

|         |   |   |
|---------|---|---|
| Table 1 | - | Population by Age, Race, Sex, Origin, and Population Status                       |
| Table 2 | - | Population by Race, Sex, Origin, and Relationship to Head                         |
| Table 3 | - | Weighted and Unweighted Counts  |
| Table 4 | - | Persons 15+ Years Old by Race, Sex, and Type of Income                            |
| Table 5 | - | Families and Unrelated Individuals 15+ by Race and Sex of Head and Type of Income |
| Table 6 | - | Household and Family Units by Race and Origin                                     |
| Table 7 | - | Persons 15 Years and Over by Total Money Income, Race, and Sex                    |

Table 8 - Families and Unrelated Individuals 15+ by Total Money Income

Table 9 - Work Experience of Persons 16 Years Old and Over by Race,  
Sex, and Work Experience

Table 10 - Mobility by Sex, Race, Spanish Origin, and Residence

APPENDIX C3

Selected Tables from the Current Population Survey, March 1990

Table 1 - Population by Age, Race, Sex, Origin, and Population Status

Table 2 - Population by Race, Sex, Origin, and Relationship to Head

Table 3 - Weighted and Unweighted Counts

Table 4 - Persons 15+ Years Old by Race, Sex, and Type of Income

Table 5 - Families and Unrelated Individuals 15+ by Race and Sex of  
Head and Type of Income

Table 6 - Household and Family Units by Race and Origin

Table 7 - Persons 15 Years and Over by Total Money Income, Race, and Sex

Table 8 - Families and Unrelated Individuals 15+ by Total Money Income

Table 9 - Work Experience of Persons 16 Years Old and Over by Race,  
Sex, and Work Experience

Table 10 - Mobility by Sex, Race, Spanish Origin, and Residence

APPENDIX C4

Selected Tables from the Current Population Survey, March 1991

Table 1 - Population by Age, Race, Sex, Origin, and Population Status

Table 2 - Population by Race, Sex, Origin, and Relationship to Head

Table 3 - Weighted and Unweighted Counts

Table 4 - Persons 15+ Years Old by Race, Sex, and Type of Income

Table 5 - Families and Unrelated Individuals 15+ by Race and Sex of  
Head and Type of Income

Table 6 - Household and Family Units by Race and Origin

Table 7 - Persons 15 Years and Over by Total Money Income, Race, and Sex

Table 8 - Families and Unrelated Individuals 15+ by Total Money Income

Table 9 - Work Experience of Persons 16 Years Old and Over by Race,

Sex, and Work Experience

Table 10 - Mobility by Sex, Race, Spanish Origin, and Residence  
APPENDIX E

Specific Metropolitan Identifiers

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1984 definitions and are ranked according to Census Bureau population estimates for July 1, 1983. Identification of CMSA's is based on the CMSA/MSA rank code (see List 1) or the CMSA FIPS Code (see List 5). MSA's can be Identified by using either the CMSA/MSA rank code (List 1) or the FIPS MSA/PMSA code (List 4). PMSA's can be Identified by either the FIPS MSA/PMSA code (List 4) or a combination of the CMSA/MSA rank codes and the PMSA rank code (List 2). Identification of Individual central cities is based on a combination of codes (See List 3). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code or the appropriate central city code, the CMSA/MSA rank code, and, if necessary, the PMSA rank code. Some examples of the proper coding of specific metropolitan areas are given below.

| AREA                        |      | CMSA/<br>MSA<br>RANK<br>(HG-MSAR) | PMSA<br>RANK<br>CODE<br>(HG-PMSA) | INDIVIDUAL<br>CENTRAL<br>CITY CODE<br>(INDCCODE) | FIPS<br>MSA/PMSA<br>CODE<br>(HG-MSAC) |
|-----------------------------|------|-----------------------------------|-----------------------------------|--|---------------------------------------|
|                             |      | List 1                            | List 2                            | List 3   | List 4                                |
| Dallas-Fort Worth, TX       | CMSA | 010                               | N/C                               | N/C  | N/C                                   |
| Fort Worth-Arlington, TX    | PMSA | 010                               | 02                                | N/C  | N/C                                   |
|                             | OR   | N/C                               | N/C                               | N/C  | 2800                                  |
| Fort Worth, TX Central City |      | 010                               | 02                                | 1  | N/C                                   |
|                             | OR   | N/C                               | N/C                               | 1  | 2800                                  |
| Phoenix, AZ MSA             |      | 023                               | N/C                               | N/C  | N/C                                   |
|                             | OR   | N/C                               | N/C                               | N/C  | 6200                                  |
| Mesa, AZ Central City       |      | 023                               | N/C                               | 2  | N/C                                   |
|                             | OR   | N/C                               | N/C                               | 2  | 6200                                  |
| Burlington, VT MSA          |      | 224                               | N/C                               | N/C  | N/C                                   |
|                             | OR   | H/C                               | N/C                               | N/C  | 1305                                  |

N/C = No Code Required

NOTES:

1. Do not attempt to tally CMSA totals by summing identified PMSA's. The specific PMSA identification for some PMSA's is suppressed while the specific CMSA for those areas is available. The New Hampshire portion of the Boston CMSA is an example of this. While specific identification of Nashua and the Lawrence-Haverill and Lowell portions is suppressed, all areas are coded as being in the Boston CMSA.

2. Many of the smaller metropolitan areas in sample do not contain central

city/balance breakdowns and hence, are coded "not identifiable" in the household central city metropolitan statistical area residence status code (HCCC-R). It is recommended that this code in conjunction with the modified household metropolitan statistical area residence status code (HMSA-R) be used for tallying metropolitan residence status for national and other grouped data. The HG in each listing refers to Household Geographic.

LIST 1: CMSA/MSA 1983 RANK CODES (HG-MSAR)

| CMSA/<br>MSA<br>RANK<br>CODE<br>(HG-MSAR) | FIPS<br>MSA/<br>PMSA<br>CODE<br>(HG-MSAC) | CMSA/MSA TITLE   |
|---|---|--|
| 001                                       |   | New York-New Jersey-Long Island, NY-NJ CMSA  |
| 002                                       |   | Los Angeles-Anaheim-Riverside, CA CMSA   |
| 003                                       |   | Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin<br>portion not in sample)       |
| 004                                       |   | Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA<br>(Maryland portion suppressed) |
| 005                                       |   | San Francisco-Oakland-San Jose, CA CMSA  |
| 006                                       |   | Detroit-Ann Arbor, MI CMSA   |
| 007                                       |   | Boston-Lawrence-Salem, MA-NH CMSA  |
| 000                                       |   | Houston-Galveston-Brazoria, TX CMSA  |
| 009                                       | 0040                                      | Washington, DC-VA MSA  |
| 010                                       |   | Dallas-Fort Worth, TX CMSA   |
| 011                                       |   | Cleveland-Akron-Lorain, OH CMSA  |
| 012                                       |   | Miami-Fort Lauderdale, FL CMSA   |
| 013                                       |   | Pittsburgh-Deaver Valley, PA CMSA  |
| 014                                       |   | St. Louis, MO-IL CMSA  |
| 015                                       | 0520                                      | Atlanta, GA MSA  |
| 016                                       | 0720                                      | Baltimore, MD MSA  |
| 017                                       | 5120                                      | Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion<br>not identified)              |
| 018                                       |   | Seattle-Tacoma, WA CMSA  |
| 019                                       | 7320                                      | San Diego, CA MSA  |
| 020                                       | 0280                                      | Tampa-St. Petersburg-Clearwater, FL MSA  |
| 021                                       |   | Denver-Boulder, CO CMSA  |
| 022                                       |   | Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana<br>portion not identified)             |
| 023                                       | 6200                                      | Phoenix, AZ MSA  |
| 024                                       |   | Milwaukee-Racine, WI CMSA  |
| 025                                       | 3760                                      | Kansas City, MO-KS MSA   |
| 026                                       |   | Portland-Vancouver, OR-WA CMSA   |
| 027                                       | 5560                                      | New Orleans, LA MSA  |
| 020                                       | 1040                                      | Columbus, OH MSA   |
| 029                                       | 5720                                      | Norfolk-Virginia Beach-Newport News, VA MSA  |
| 030                                       |   | Buffalo-Niagara Falls, NY CMSA   |
| 031                                       | 6920                                      | Sacramento, CA MSA   |
| 032                                       | 3480                                      | Indianapolis, IN MSA   |
| 033                                       | 7240                                      | San Antonio, TX MSA  |
| 034                                       |   | Providence-Pawtucket-Fall River, RI-MA CMSA  |
| 035                                       | 1520                                      | Charlotte-Gastonia-Rock Hill, NC-SC MSA  |



|     |      |  |
|-----|------|--|
| 036 |      | Hartford-New Britian-Middletown, CT CMSA   |
| 037 | 7160 | Salt Lake City-Ogden, UT MSA   |
| 030 | 6840 | Rochester, NY MSA  |
| 039 | 5880 | Oklahoma City, OK MSA  |
| 040 | 4520 | Louisville, KY-IN MSA  |
| 041 | 2000 | Dayton-Springfield, OH MSA   |
| 042 | 4920 | Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)   |
| 043 | 1000 | Birmingham, AL MSA   |
| 044 | 5360 | Nashville, TN MSA  |
| 045 | 3120 | Greenboro-Winston Salem-High Point, NC MSA   |
| 046 | 0160 | Albany-Schenectady-Troy NY MSA   |
| 047 | 3320 | Honolulu, HI MSA   |
| 048 | 5960 | Orlando, FL MSA  |
| 049 | 6760 | Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample) |
| 050 | 3600 | Jacksonville, FL MSA   |
| 051 | 7560 | Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)  |
| 052 | 0560 | Tulsa, OK MSA  |
| 053 | 8960 | West Palm Beach-Boca Raton-Delray Beach, FL MSA  |
| 054 | 8160 | Syracuse, NY MSA   |
| 055 | 0240 | Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)   |
| 056 | 0640 | Austin, TX MSA   |
| 057 | 3000 | Grand Rapids, MI MSA   |
| 058 | 8400 | Toledo, OH MSA   |
| 059 | 5920 | Omaha, NE-IA MSA (Iowa portion not identified)   |
| 060 | 6640 | Raleigh-Durham, NC MSA   |
| 061 | 3160 | Greenville-Spartanburg. SC MSA   |
| 062 | 3840 | Knoxville. TN MSA  |
| 063 | 8520 | Tucson, AZ MSA   |
| 064 | 3240 | Harrisonburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)   |
| 065 | 2840 | Fresno, CA MSA   |
| 066 | 0760 | Baton Rouge, LA MSA  |
| 067 | 9320 | Youngstown-Warren, OH MSA  |
| 068 | 4120 | Las Vegas, NV MSA  |
| 069 | 8000 | Springfield, MA MSA  |
| 070 | 2320 | El Paso, TX MSA  |
| 071 | 5480 | New Haven-Meriden, CT MSA  |
| 072 | 4400 | Little Rock-North Little Rock, AR MSA  |
| 073 | 1440 | Charleston, SC MSA   |
| 074 | 5160 | Mobile, AL MSA (Baldwin county not in sample)  |
| 075 | 0680 | Bakersfield, CA MSA  |
| 076 | 3660 | Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)  |
| 077 | 2640 | Flint, MI MSA  |
| 078 | 0200 | Albuquerque, NM MSA  |
| 079 | 9040 | Wichita, KS MSA  |
| 080 | 1760 | Columbia, SC MSA   |
| 081 | 1560 | Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee not in sample)  |
| 082 | 6960 | Saginaw-Bay City-Midland, MI MSA   |
| 083 | 4040 | Lansing-East Lansing, MI MSA   |

|     |      |  |
|-----|------|--|
| 084 | 9240 | Worcester, MA MSA  |
| 085 | 1320 | Canton, OH MSA   |
| 086 | 0840 | Beaumont-Port Arthur, TX MSA   |
| 087 | 9280 | York, PA MSA   |
| 088 | 1960 | Davenport-Rock Island-Moline, IA-IL MSA                                      |
| 089 | 8120 | Stockton, CA MSA   |
| 090 | 2120 | Des Moines, IA MSA (Dallas county not in sample)                             |
| 091 | 4000 | Lancaster, PA MSA  |
| 092 | 3560 | Jackson, MS MSA  |
| 093 | 6120 | Peoria, IL MSA   |
| 094 | 0600 | Augusta, GA-SC, MSA  |
| 095 | 1880 | Corpus Christi, TX MSA   |
| 096 | 7680 | Shreveport, LA MSA   |
| 097 | 2760 | Fort Wayne, IN MSA   |
| 098 | 7840 | Spokane, WA MSA  |
| 099 | 3980 | Lakeland-Winter Haven, FL MSA  |
| 100 | 1720 | Colorado Springs, CO MSA   |
| 101 | 3400 | Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified) |
| 102 | 4720 | Madison, WI MSA  |
| 103 | 4880 | McAllen-Edinburg-Mission, TX MSA   |
| 104 | 4200 | Lexington-Fayette, KY MSA  |
| 105 | 8680 | Utica-Rome, NY MSA   |
| 106 | 7480 | Santa Barbara-Santa Maria-Lompoc, CA MSA                                     |
| 107 | 6680 | Reading, PA MSA  |
| 108 | 6080 | Pensacola, FL MBA  |
| 109 | 7120 | Salinas-Seaside-Monterey, CA MSA   |
| 110 | 4900 | Melbourne-Titusville-Palm Bay, FL MSA  |
| 111 | 0460 | Appleton-Oshkosh-Neenah, WI MSA  |
| 112 | 2020 | Daytona Beach, FL MSA  |
| 113 | 5170 | Modesto, CA MSA  |
| 115 | 5240 | Montgomery, AL MSA   |
| 116 | 2360 | Erie, PA MSA   |
| 117 | 6880 | Rockford, IL MSA   |
| 118 | 2440 | Evansville, IN-KY MSA (Kentucky portion not identified)                      |
| 119 | 4600 | Macon-Warner Robins, GA MSA  |
| 120 | 1400 | Charleston, WV MSA   |
| 121 | 2400 | Eugene-Springfield, OR MSA   |
| 122 | 0960 | Binghamton, NY MSA   |
| 123 | 8700 | Visalia-Tulare-Porterville, CA MSA   |
| 124 | 3680 | Johnstown, PA MSA  |
| 125 | 2240 | Duluth, MN-WI MSA (Wisconsin portion not identified)                         |
| 126 | 5520 | New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)              |
| 127 | 7000 | Salem, OR MSA  |
| 128 | 6460 | Poughkeepsie, NY MSA   |
| 129 | 2560 | Fayetteville, NC MSA   |
| 130 | 1800 | Columbus, GA-AL MSA (Alabama portion not in sample)                          |
| 131 | 2700 | Fort Myers, FL MSA   |
| 132 | 7000 | South Bend-Mishawaka, IN MSA   |
| 133 | 6520 | Provo-Orem, UT MSA (Central City portion only identified)                    |
| 134 | 1240 | Brownsville-Harlingen, TX MSA  |
| 135 | 7520 | Savannah, GA MSA   |

|     |      |   |
|-----|------|---|
| 136 | 7510 | Sarasota, FL MSA  |
| 137 | 6000 | Roanoke, VA MSA   |
| 138 | 4600 | Lubbock, TX MSA   |
| 139 | 3080 | Lafayette, LA MSA   |
| 140 | 3810 | Killeen-Temple, TX MSA  |
| 141 | 7920 | Springfield, MO MSA   |
| 142 | 3720 | Kalamazoo, MI MSA   |
| 143 | 0300 | Anchorage, AK MSA   |
| 144 | 6720 | Reno, NV MSA (Central City portion only<br>identified)  |
| 145 | 3290 | Hickory, NC MSA   |
| 146 | 3440 | Huntsville, AL MSA  |
| 147 | 8000 | Waterbury, CT MSA   |
| 148 | 8240 | Tallahassee, FL MSA   |
| 149 | 6450 | Portsmouth-Dover-Rochester, NH-ME MSA<br>(Maine portion not entirely in sample and it is<br>not identified) |
| 150 | 6400 | Portland, ME MSA  |
| 151 | 4360 | Lincoln, NE MSA   |
| 152 | 0920 | Biloxi-Gulfport, MS MSA   |
| 153 | 3350 | Houma-Thibodaux, LA MSA   |
| 154 | 7080 | Springfield, IL MSA   |
| 156 | 1000 | Boise City, ID MSA  |
| 157 | 2900 | Gainesville, FL MSA   |
| 150 | 9000 | Wheeling, WV-OH MSA (Ohio portion not identifi ed)  |
| 161 | 8000 | Waco, TX MSA  |
| 163 | 3960 | Lake Charles, LA MSA  |
| 164 | 1360 | Cedar Rapids, IA MSA  |
| 165 | 5400 | New Bedford, MA MSA   |
| 166 | 1400 | Champaign-Urbana-Rantoul, IL MSA  |
| 169 | 2720 | Fort Smith, AR-OK MSA (Oklahoma portion not in<br>sample)   |
| 170 | 1140 | Bradenton, FL MBA   |
| 171 | 0480 | Asheville, NC MSA   |
| 172 | 0870 | Benton Harbor, MI MSA   |
| 173 | 8920 | Waterloo-Cedar Falls, IA MSA  |
| 174 | 2670 | Fort Collins-Loveland, CO MBA   |
| 178 | 8440 | Topeka, KA MSA (Central City portion only<br>identified)  |
| 179 | 1620 | Chico, CA MSA   |
| 180 | 5320 | Muskegon, MI MSA  |
| 181 | 4320 | Lima, OH MSA  |
| 184 | 5790 | Ocala, FL MSA   |
| 185 | 3520 | Jackson, MS MSA   |
| 186 | 5200 | Monroe, LA MSA  |
| 192 | 8600 | Tuscaloosa, AL MSA  |
| 193 | 0780 | Battle Creek, MI MSA  |
| 194 | 0405 | Anderson, SC MSA  |
| 197 | 5910 | Olympia, WA MSA   |
| 198 | 8320 | Terre Haute, IN MSA   |
| 199 | 2650 | Florence, AL MSA  |
| 201 | 0280 | Altoona, PA MSA   |
| 202 | 0400 | Anderson, IN MSA  |
| 203 | 4760 | Manchester, NH MSA  |
| 204 | 4890 | Medford, OR MBA   |
| 207 | 3710 | Joplin, MO MSA  |
| 209 | 4800 | Mansfield, OH MSA   |

|     |      |  |
|-----|------|--|
| 211 | 7610 | Sharon, PA MSA   |
| 216 | 6560 | Pueblo, CO MSA   |
| 219 | 4200 | Lawton, OK MSA   |
| 221 | 1040 | Bloomington-Normal, IL MSA                             |
| 222 | 2750 | Fort Walton Beach, FL MSA                              |
| 224 | 1305 | Burlington, VT MSA                                     |
| 225 | 9140 | Williamsport, PA MSA                                   |
| 226 | 7720 | Sioux City, IA-NE MSA (Nebraska portion not in sample) |
| 231 | 7760 | Sioux Falls, SD MSA                                    |
| 233 | 2655 | Florence, SC MSA                                       |
| 240 | 0860 | Bellingham, WA MSA                                     |
| 242 | 9340 | Yuba City, CA MSA                                      |
| 246 | 1740 | Colombia, MO MSA                                       |
| 247 | 2880 | Gadsden, AL MSA  |
| 248 | 2580 | Fayetteville-Springdale, AK MSA                        |
| 252 | 3740 | Kankakee, IL MSA                                       |

LIST 2: PMSA 1983 RANK CODES (HG-PMSA)

Note: The PMSA Rank is assigned based on a PMSA's population when compared to other PMSA's within the parent CMSA.

| CMSA<br>RANK<br>CODE<br>(HG-MSAR) | PMSA<br>RANK<br>CODE<br>(HG-PMSA) | FIPS                             | PMSA TITLE   |
|-----------------------------------|-----------------------------------|----------------------------------|--|
|                                   |                                   | MSA<br>PMSA<br>CODE<br>(HG-MSAC) |  |
| 001                               | 01                                | 5600                             | New York, NY   |
|                                   | 02                                | 5380                             | Nassau-Suffolk, NY   |
|                                   | 03                                | 5640                             | Newark, NJ   |
|                                   | 04                                | 0875                             | Bergen-Passaic, NJ   |
|                                   | 05                                | 5015                             | Middlesex-Somerset-Hunterdon, NJ   |
|                                   | 06                                | 5190                             | Monmouth-Ocean, NJ   |
|                                   | 07                                | 3640                             | Jersey City, NJ  |
|                                   | 00                                | 1160                             | Bridgeport-Milford, CT   |
|                                   | 09                                | 5950                             | Orange County, NY  |
|                                   | 10                                | 8040                             | Stamford, CT   |
|                                   | 11                                | 1930                             | Danbury, CT  |
|                                   | 12                                | 5760                             | Norwalk, CT  |
| 002                               | 01                                | 4480                             | Los Angeles-Long Beach, CA   |
|                                   | 02                                | 0360                             | Anaheim-Santa Ana, CA  |
|                                   | 03                                | 6700                             | Riverside-San Bernardino, CA   |
|                                   | 04                                | 6000                             | Oxnard-Ventura, CA   |
| 003                               | 01                                | 1600                             | Chicago, IL  |
|                                   | 02                                | 2960                             | Gary-Hammond, IN   |
|                                   | 03                                | 3965                             | Lake County, IL  |
|                                   | 04                                | 3690                             | Joliet, IL   |
|                                   | 05                                | 0620                             | Aurora-Elgin, IL   |
| 004                               | 01                                | 6160                             | Philadelphia, PA-NJ  |
|                                   | 02                                | 9160                             | Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.) |
| 005                               | 03                                | 8400                             | Trenton, NJ  |
|                                   | 01                                | 5775                             | Oakland, CA  |

|     |    |      |   |
|-----|----|------|---|
|     | 02 | 7360 | San Francisco, CA   |
|     | 03 | 7400 | San Jose, CA  |
|     | 04 | 8720 | Vallejo-Fairfield-Napa, CA  |
|     | 05 | 7500 | Santa Rosa-Petaluma, CA   |
|     | 06 | 7485 | Santa Cruz, CA  |
| 006 | 01 | 2160 | Detroit, MI   |
|     | 02 | 0440 | Ann Arbor, MS   |
| 007 | 01 | 1120 | Boston, MA  |
|     | 02 | 4160 | Lawrence-Haverill, MA-NH (New Hampshire<br>portion not identified)                              |
|     | 03 | 7090 | Salem-Gloucester, MA  |
|     | 04 | 4560 | Lowell, MA-NH (New Hampshire portion not<br>identified)   |
|     | 05 | 1200 | Brockton, MA  |
| 008 | 01 | 3360 | Houston, TX   |
|     | 02 | 2920 | Galveston-Texas City, TX  |
|     | 03 | 1145 | Brazoria, TX  |
| 010 | 01 | 1920 | Dallas, TX  |
|     | 02 | 2800 | Fort Worth-Arlington, TX  |
| 011 | 01 | 1680 | Cleveland, OH   |
|     | 02 | 0080 | Akron, OH   |
|     | 03 | 4440 | Lorain-Elyria, OH   |
| 012 | 01 | 5000 | Miami-Hialeah, FL   |
|     | 02 | 2600 | Fort Lauderdale-Hollywood-Pompano Beach,<br>FL  |
| 013 | 01 | 6280 | Pittsburgh, PA  |
|     | 02 | 0845 | Beaver County, PA   |
| 014 | 01 | 7040 | St, Louis, MO-IL (Illinois portion not<br>identified)   |
| 018 | 01 | 7600 | Seattle, WA   |
|     | 02 | 8200 | Tacoma, WA  |
| 021 | 01 | 2080 | Denver, CO  |
|     | 02 | 1125 | Boulder-Longmont, CO  |
| 022 | 01 | 1640 | Cincinnati, OH-KY-IN (Indiana portion not<br>identified)  |
|     | 02 | 3200 | Hamilton-Middletown, OH   |
| 024 | 01 | 5080 | Milwaukee, WI   |
|     | 02 | 6600 | Racine, WI  |
| 026 | 01 | 6440 | Portland, OR  |
|     | 02 | 8725 | Vancouver, WA   |
| 030 | 01 | 1200 | Buffalo, NY   |
|     | 02 | 5700 | Niagara Falls, NY   |
| 034 | 01 | 6400 | Providence, RI  |
|     | 02 | 6060 | Pawtucket-Woonsocket-Attleboro, RI-MA<br>(Rhode Island-Central City portion only<br>identified) |
| 036 | 01 | 3200 | Hartford, CT  |
|     | 02 | 5440 | New Britain, CT   |

LIST 3: INDIVIDUAL CENTRAL CITY CODES (INDCCODE)

| CMSA/MSA<br>RANK<br>CODE<br>(HG-MSAR) | PMSA<br>RANK<br>CODE<br>(HG-PMSA) | INDIVIDUAL<br>CENTRAL CITY<br>CITY CODE<br>(INDCCODE) | CITY |
|---------------------------------------|-----------------------------------|---|------|
|---------------------------------------|-----------------------------------|---|------|

|     |    |   |                     |
|-----|----|---|---------------------|
| 001 | 03 | 1 | Newark, NJ          |
|     |    | 2 | Elizabeth, NJ       |
| 002 | 01 | 1 | Los Angeles, CA     |
|     |    | 2 | Long Beach, CA      |
|     |    | 3 | Pasadena, CA        |
|     |    | 0 | Others              |
|     | 02 | 1 | Anaheim, CA         |
|     |    | 2 | Santa Ana, CA       |
|     | 03 | 1 | Riverside, CA       |
|     |    | 0 | Others              |
| 003 | 01 | 1 | Chicago, IL         |
|     |    | 0 | Others              |
|     | 02 | 1 | Gary, IN            |
|     |    | 0 | Others              |
| 005 | 01 | 1 | Oakland, CA         |
|     |    | 0 | Others              |
| 006 | 01 | 1 | Detroit, MI         |
|     |    | 0 | Others              |
| 007 | 01 | 1 | Boston, MA          |
|     |    | 0 | Others              |
| 010 | 01 | 1 | Dallas, TX          |
|     |    | 0 | Others              |
|     | 02 | 1 | Fort Worth, TX      |
|     |    | 2 | Arlington, TX       |
| 012 | 01 | 1 | Miami, FL           |
|     |    | 0 | Others              |
|     | 02 | 1 | Fort Lauderdale, FL |
|     |    | 0 | Others              |
| 017 | -  | 1 | Minneapolis, MN     |
|     |    | 0 | Others              |
| 020 | -  | 1 | Tampa, FL           |
|     |    | 0 | Others              |
| 023 | -  | 1 | Phoenix, AZ         |
|     |    | 2 | Mesa, AZ            |
|     |    | 0 | Others              |
| 029 | -  | 1 | Norfolk, VA         |
|     |    | 2 | Virginia Beach, VA  |
|     |    | 3 | Newport News, VA    |
|     |    | 4 | Hampton, VA         |
|     |    | 0 | Others              |
| 045 | -  | 1 | Greensboro, NC      |
|     |    | 0 | Others              |
| 046 | -  | 1 | Albany, NY          |
|     |    | 0 | Others              |
| 060 | -  | 1 | Raleigh, NC         |
|     |    | 0 | Others              |
| 069 | -  | 1 | Springfield, MA     |
|     |    | 0 | Others              |

LIST 4: FIPS MSA/PMSA CODES (HG-MSAC)

| CMSA/<br>MSA<br>RANK<br>CODE | PMSA<br>RANK<br>CODE | FIPS<br>MSA/<br>PMSA<br>CODE |
|------------------------------|----------------------|------------------------------|
|------------------------------|----------------------|------------------------------|

| (HG-MSAR) | (HG-PMSA) | (HG-MSAC) | MSA/PMSA TITLE   |
|-----------|-----------|-----------|--|
| 011       | 02        | 0080      | Akron, OH, PMSA  |
| 046       |           | 0160      | Albany-Schenectady-Troy, NY MSA  |
| 078       |           | 0200      | Albuquerque, NM MSA  |
| 055       |           | 0240      | Allentown-Bethlehem, PA-NJ MSA (New<br>Jersey<br>portion not identified)             |
| 201       |           | 0280      | Altoona, PA MSA  |
| 002       | 02        | 0360      | Anaheim-Santa Ana, CA PMSA   |
| 143       |           | 0380      | Anchorage, AK MSA  |
| 202       |           | 0400      | Anderson, IN MSA   |
| 194       |           | 0405      | Anderson, SC MSA   |
| 006       | 02        | 0440      | Ann Arbor, MI PMSA   |
| 111       |           | 0460      | Appleton-Oshkosh-Neenah, WI MSA  |
| 171       |           | 0480      | Asheville, NC MSA  |
| 015       |           | 0520      | Atlanta, GA MSA  |
| 094       |           | 0600      | Augusta, GA-SC MSA   |
| 003       | 05        | 0620      | Aurora-Elgin, IL PMSA  |
| 056       |           | 0640      | Austin, TX MSA   |
| 075       |           | 0680      | Bakersfield, CA MSA  |
| 016       |           | 0720      | Baltimore, MD MSA  |
| 066       |           | 0760      | Baton Rouge, LA MSA  |
| 193       |           | 0780      | Battle Creek, MI MSA   |
| 086       |           | 0840      | Beaumont-Port Arthur, FL MSA   |
| 013       | 02        | 0845      | Beaver County, PA PMSA   |
| 240       |           | 0860      | Bellingham, WA MSA   |
| 172       |           | 0870      | Benton Harbor, MI MSA  |
| 001       | 04        | 0875      | Bergen-Passaic, NJ PMSA  |
| 152       |           | 0920      | Biloxi-Gulfport, MS MSA  |
| 122       |           | 0960      | Binghamton, NY MSA   |
| 043       |           | 1000      | Birmingham, AL MSA   |
| 221       |           | 1040      | Bloomington-Normal, IL MSA   |
| 156       |           | 1080      | Boise City, ID MSA   |
| 007       | 01        | 1120      | Boston, MA PMSR  |
| 021       | 02        | 1125      | Boulder-Longmont, CO PMSA  |
| 170       |           | 1140      | Bradenton, FL MSA  |
| 008       | 03        | 1145      | Brazoria, TX PMSA  |
| 001       | 08        | 1160      | Bridgeport-Milford, CT PMSA  |
| 007       | 05        | 1200      | Brockton, MA PMSA  |
| 134       |           | 1240      | Brownsville-Harlingen, TX MSA  |
| 030       | 01        | 1280      | Buffalo, NY PMSA   |
| 224       |           | 1305      | Burlington, VT MSA   |
| 085       |           | 1320      | Canton, OH MSA   |
| 164       |           | 1360      | Cedar Rapids, IA MSA   |
| 166       |           | 1400      | Champaign-Urbana-Rantoul, IL MSA   |
| 073       |           | 1440      | Charleston, SC MSA   |
| 120       |           | 1480      | Charleston, WV MSA   |
| 035       |           | 1520      | Charlotte-Gastonia-Rock Hill, NC-SC<br>MSA   |
| 081       |           | 1560      | Chattanooga, TN-A MSA (Marion and<br>Sequatchie counties Tennessee not in<br>sample) |
| 003       | 01        | 1600      | Chicago, IL PMSA   |
| 179       |           | 1620      | Chico, CA MSA  |
| 022       | 01        | 1640      | Cincinnati, OH-KY-IN PMSA (Indiana<br>portion not identified)                        |

|     |    |      |   |
|-----|----|------|---|
| 011 | 01 | 1680 | Cleveland, OH PMSA  |
| 100 |    | 1720 | Colorado Springs, CO MSA  |
| 246 |    | 1740 | Colombia, MO MSA  |
| 080 |    | 1760 | Columbia, SC MSA  |
| 130 |    | 1800 | Columbus, GA-AL MSA (Alabama portion<br>not in sample)                |
| 020 | -  | 1840 | Columbus, OH MSA  |
| 095 |    | 1880 | Corpus Christi, TX MSA  |
| 010 | 01 | 1920 | Dallas, TX PMSA   |
| 001 | 11 | 1930 | Danbury, CT PMSR  |
| 088 |    | 1960 | Davenport-Rock Island-Moline, IA-IL<br>MSA                            |
| 041 |    | 2000 | Dayton-Springfield, OH MSA  |
| 112 |    | 2020 | Daytona Beach, FL MSA   |
| 021 | 01 | 2080 | Denver, CO PMSA   |
| 090 |    | 2120 | Des Moines, IA MSA (Dallas County<br>not in sample)                   |
| 006 | 01 | 2160 | Detroit, MI PMSA  |
| 125 |    | 2240 | Duluth, MN-WI MSA (Wisconsin portion<br>not identified)               |
| 070 |    | 2320 | El Paso, TX MSA   |
| 116 |    | 2360 | Erie, PA MSA  |
| 121 |    | 2400 | Eugene-Springfield, OR MSA  |
| 118 |    | 2440 | Evansville, IN-KY MSA (Kentucky<br>portion not identified)            |
| 129 |    | 2560 | Fayetteville, NC MSA  |
| 248 |    | 2580 | Fayetteville-Springdale, AR MSA                                       |
| 077 |    | 2640 | Flint, MI MSA   |
| 199 |    | 2650 | Florence, AL MSA  |
| 233 |    | 2655 | Florence, SC MSA  |
| 174 |    | 2670 | Fort Collins-Loveland, CO MSA   |
| 012 | 02 | 2680 | Fort Lauderdale-Hollywood-Pompano<br>Beach, FL PMSA                   |
| 131 |    | 2700 | Fort Myers, FL MSA  |
| 169 |    | 2720 | Fort Smith, AR-OK MSA (Oklahoma<br>portion not in sample)             |
| 222 |    | 2750 | Fort Walton Beach, FL MSA   |
| 097 |    | 2760 | Fort Wayne, IN MSA  |
| 010 | 02 | 2800 | Fort Worth-Arlington, TX PMSA   |
| 065 |    | 2840 | Fresno, CA MSA  |
| 247 |    | 2880 | Gadsden, AL MSA   |
| 157 |    | 2900 | Gainesville, FL MSA   |
| 008 | 02 | 2920 | Galveston-Texas City, TX PMSA   |
| 003 | 02 | 2960 | Gary-Hammond, IN PMSA   |
| 057 |    | 3000 | Grand Rapids, MI MSA  |
| 045 |    | 3120 | Greenboro-Winston Salem-High Point,<br>NC MSA                         |
| 061 |    | 3160 | Greenville-Spartanburg, SC MSA  |
| 022 | 02 | 3200 | Hamilton-Middletown, OH PMSA  |
| 064 |    | 3240 | Harrisburg-Lebanon-Carlisle, PA MSA<br>(Lebanon County not in sample) |
| 036 | 01 | 3280 | Hartford, CT PMSA   |
| 145 |    | 3290 | Hickory, NC MSA   |
| 047 |    | 3320 | Honolulu, HI MSA  |
| 153 |    | 3350 | Houma-Thibodaux, LA MSA   |
| 008 | 01 | 3360 | Houston, TX PMSA  |
| 101 |    | 3400 | Huntington-Ashland, WV-KY-OH MSA                                      |



|     |    |      |   |
|-----|----|------|---|
|     |    |      | (Kentucky and Ohio portions not identified)                                 |
| 146 |    | 3440 | Huntsville, AL MSA  |
| 032 |    | 3480 | Indianapolis, IN MSA  |
| 185 |    | 3520 | Jackson, MI MSA   |
| 092 |    | 3560 | Jackson, MS MSA   |
| 050 |    | 3600 | Jacksonville, FL MSA  |
| 001 | 07 | 3640 | Jersey City, NJ PMSA  |
| 076 |    | 3660 | Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified) |
| 124 |    | 3680 | Johnstown, PA MSA   |
| 003 | 04 | 3690 | Joliet, IL PMSA   |
| 207 |    | 3710 | Joplin, MO MSA  |
| 142 |    | 3720 | Kalamazoo, MI MSA   |
| 252 |    | 3740 | Kankakee, IL MSA  |
| 025 |    | 3760 | Kansas City, MO-KS MSA  |
| 140 |    | 3810 | Killeen-Temple, TX MSA  |
| 062 |    | 3840 | Knoxville, TN MSA   |
| 139 |    | 3880 | Lafayette, LA MSA   |
| 163 |    | 3960 | Lake Charles, LA MSA  |
| 003 | 03 | 3965 | Lake County, IL PMSA  |
| 099 |    | 3980 | Lakeland-Winter Haven, FL MSA   |
| 091 |    | 4000 | Lancaster, PA MSA   |
| 083 |    | 4040 | Lansing-East Lansing, MI MSA  |
| 060 |    | 4120 | Las Vegas, NV MSA   |
| 007 | 02 | 4160 | Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)        |
| 219 |    | 4200 | Lawton, OK MSA  |
| 104 |    | 4280 | Lexington-Fayette, KY MSA   |
| 181 |    | 4320 | Lima, OH MSA  |
| 151 |    | 4360 | Lincoln, NE MSA   |
| 072 |    | 4400 | Little Rock-North Little Rock, AK MSA                                       |
| 011 | 03 | 4440 | Lorain-Elyria, OH PMSA  |
| 002 | 01 | 4480 | Los Angeles-Long Beach, CA PMSA   |
| 040 |    | 4520 | Louisville, KY-IN MSA   |
| 007 | 04 | 4560 | Lowell, MA-NH PMSA (New Hampshire portion not identified)                   |
| 138 |    | 4600 | Lubbock, TX MSA   |
| 119 |    | 4680 | Macon-Warner Robins, GA MSA   |
| 102 |    | 4720 | Madison, WI MSA   |
| 203 |    | 4760 | Manchester, NH MSA  |
| 209 |    | 4800 | Mansfield, OH MSA   |
| 103 |    | 4880 | McAllen-Edinburg-Mission, TX MSA  |
| 204 |    | 4890 | Medford, OR MSA   |
| 110 |    | 4900 | Melbourne-Titusville-Palm Bay, FL MSA                                       |
| 042 |    | 4920 | Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)    |
| 012 | 01 | 5000 | Miami-Hialeah, FL PMSA  |
| 001 | 05 | 5015 | Middlesex-Somerset-Hunterdon, NJ PMSA                                       |
| 024 | 01 | 5080 | Milwaukee, WI PMSA  |
| 017 |    | 5120 | Minneapolis-St, Paul, MN-WI MSA (Wisconsin portion not identified)          |
| 074 |    | 5160 | Mobile, AL MSA (Baldwin county not identified)                              |

|     |    |      | in sample)   |
|-----|----|------|--|
| 113 |    | 5170 | Modesto, CA MSA  |
| 001 | 06 | 5190 | Monmouth-Ocean, NJ PMSA  |
| 106 |    | 5200 | Monroe, LA MSA   |
| 115 |    | 5240 | Montgomery, AL MSA   |
| 100 |    | 5320 | Muskegon, MI MSA   |
| 044 |    | 5360 | Nashville, TN MSA  |
| 001 | 02 | 5380 | Nassau-Suffolk, NY PMSA  |
| 165 |    | 5400 | New Bedford, MA MSA  |
| 036 | 02 | 5440 | New Britain, CT PMSA   |
| 071 |    | 5480 | New Haven-Meriden, CT MSA  |
| 126 |    | 5520 | New London-Norwich, CT-RI MSA (Rhode<br>Island portion suppressed)   |
| 027 |    | 5560 | New Orleans, LA MSA  |
| 001 | 01 | 5600 | New York, NY PMSA  |
| 001 | 03 | 5640 | Newark, NJ PMSA  |
| 030 | 02 | 5700 | Niagara Falls, NY PMSA   |
| 029 |    | 5720 | Norfolk-Virginia Beach-Newport News,<br>VA MSA   |
| 001 | 12 | 5760 | Norwalk, CT PMSA   |
| 005 | 01 | 5775 | Oakland, CA PMSA   |
| 184 |    | 5790 | Ocala, FL MSA  |
| 039 |    | 5880 | Oklahoma City, OK MSA  |
| 197 |    | 5910 | Olympia, WA MSA  |
| 059 |    | 5920 | Omaha, NE-IA MSA (Iowa portion not<br>identified)  |
| 001 | 09 | 5950 | Orange County, NY PMSA   |
| 048 |    | 5960 | Orlando, FL MSA  |
| 002 | 04 | 6000 | Oxnard-Ventura, CA PMSA  |
| 034 | 02 | 6060 | Pawtucket-Woonsocket-Attleboro, RI-<br>MA PMSA (Rhode Island Central City<br>portion only identified)  |
| 100 |    | 6080 | Pensacola, FL MSA  |
| 093 |    | 6120 | Peoria, IL MSA   |
| 004 | 01 | 6160 | Philadelphia, PA-NJ PMSA   |
| 023 |    | 6200 | Phoenix, AZ MSA  |
| 013 | 01 | 6280 | Pittsburgh, PA PMSA  |
| 150 |    | 6400 | Portland, ME MSA   |
| 026 | 01 | 6440 | Portland, OR PMSA  |
| 149 |    | 6450 | Portsmouth-Dover-Rochester, NH-ME<br>MSA (Maine portion not entirely in<br>sample and it is not identified)  |
| 128 |    | 6460 | Poughkeepsie, NY MSA   |
| 034 | 01 | 6480 | Providence, RI PMSA  |
| 133 |    | 6520 | Provo-Orem, UT MSA (Central City<br>portion only identified)   |
| 216 |    | 6560 | Pueblo, CO MSA   |
| 024 | 02 | 6600 | Racine, WI PMSA  |
| 060 |    | 6640 | Raleigh-Durham, NC MSA   |
| 107 |    | 6680 | Reading, PA MSA  |
| 144 |    | 6720 | Reno, NV MSA (Central City portion<br>only identified)   |
| 049 |    | 6760 | Richmond-Petersburg, VA MSA<br>(Dinwiddie and Prince George<br>counties and Colonial Heights,<br>Hopewell, and Petersburg cities not<br>in sample) |

|     |    |      |                                      |   |
|-----|----|------|--------------------------------------|---|
| 002 | 03 | 6780 | Riverside-San Bernardino, CA         | PMSA  |
| 137 |    | 6800 | Roanoke, VA                          | MSA   |
| 038 |    | 6840 | Rochester, NY                        | MSA   |
| 117 |    | 6880 | Rockford, IL                         | MSA   |
| 031 |    | 6920 | Sacramento, CA                       | MSA   |
| 082 |    | 6960 | Saginaw-Bay City-Midland, MI         | MSA   |
| 014 | 01 | 7040 | St, Louis, FL                        | PMSA (Illinois portion<br>not identified)     |
| 127 |    | 7080 | Salem, OR                            | MSA   |
| 007 | 03 | 7090 | Salem-Gloucester, MA                 | PMSA  |
| 109 |    | 7120 | Salinas-Seaside-Monterey, CA         | MSA   |
| 037 |    | 7160 | Salt Lake City-Ogden, UT             | MSA   |
| 033 |    | 7240 | San Antonio, TX                      | MSA   |
| 019 |    | 7320 | San Diego, CA                        | MSA   |
| 005 | 02 | 7360 | San Francisco, CA                    | PMSA  |
| 005 | 03 | 7400 | San Jose, CA                         | PMSA  |
| 106 |    | 7480 | Santa Barbara-Santa Maria-Lompoc, CA | MSA   |
| 005 | 06 | 7485 | Santa Cruz, CA                       | PMSA  |
| 005 | 05 | 7500 | Santa Rosa-Petaluma, CA              | PMSA  |
| 136 |    | 7510 | Sarasota, FL                         | MSA   |
| 135 |    | 7520 | Savannah, GA                         | MSA   |
| 051 |    | 7560 | Scranton-Wilkes Barre, PA            | MSA<br>(Monroe county not in sample)          |
| 018 | 01 | 7600 | Seattle, WA                          | PMSA  |
| 211 |    | 7610 | Sharon, PA                           | MSA   |
| 096 |    | 7680 | Shreveport, LA                       | MSA   |
| 226 |    | 7720 | Sioux City, IA-NE                    | MSA (Nebraska<br>portion not in sample)       |
| 231 |    | 7760 | Sioux Falls, SD                      | MSA   |
| 132 |    | 7800 | South Bend-Mishawaka, IN             | MSA   |
| 090 |    | 7840 | Spokane, WA                          | MSA   |
| 154 |    | 7880 | Springfield, IL                      | MSA   |
| 141 |    | 7920 | Springfield, MO                      | MSA   |
| 069 |    | 8000 | Springfield, MA                      | MSA   |
| 001 | 10 | 8040 | Stamford, CT                         | PMSA  |
| 089 |    | 8120 | Stockton, CA                         | MSA   |
| 054 |    | 8160 | Syracuse, NY                         | MSA   |
| 018 | 02 | 8200 | Tacoma, WA                           | PMSA  |
| 148 |    | 8240 | Tallahassee, FL                      | MSA   |
| 020 |    | 8280 | Tampa-St, Petersburg-Clearwater, FL  | MSA   |
| 198 |    | 8320 | Terre Haute, IN                      | MSA   |
| 058 |    | 8400 | Toledo, OH                           | MSA   |
| 170 |    | 8440 | Topeka, KA                           | MSA (Central City portion<br>only identified) |
| 004 | 03 | 8480 | Trenton, NJ                          | PMSA  |
| 063 |    | 8520 | Tucson, AZ                           | MSA   |
| 052 |    | 8560 | Tulsa, OK                            | MSA   |
| 192 |    | 8600 | Tuscaloosa, AL                       | MSA   |
| 105 |    | 8680 | Utica-Rome, NY                       | MSA   |
| 005 | 04 | 8720 | Vallejo-Fairfield-Napa, CA           | PMSA  |
| 026 | 02 | 8725 | Vancouver, WA                        | PMSA  |
| 123 |    | 8780 | Visalia-Tulare-Porterville, CA       | MSA   |
| 161 |    | 8800 | Waco, TX                             | MSA   |
| 009 |    | 8840 | Washington, DC-MD-VA                 | MSA   |
| 147 |    | 8880 | Waterbury, CT                        | MSA   |

|     |    |      |   |
|-----|----|------|---|
| 173 |    | 8920 | Waterloo-Cedar Falls, IA MSA  |
| 053 |    | 8960 | West Palm Beach-Boca Raton-Delray<br>Beach, FL MSA  |
| 158 |    | 9000 | Wheeling, WV-OH MSA (Ohio portion<br>not identified)  |
| 079 |    | 9040 | Wichita, KA MSA   |
| 225 |    | 9140 | Williamsport, PA MSA  |
| 004 | 02 | 9160 | Wilmington, DE-NJ-MD PMSA (New<br>Jersey portion not identified,<br>Maryland portion suppressed.) |
| 004 |    | 9240 | Worcester, MA MSA   |
| 087 |    | 9280 | York, PA MSA  |
| 067 |    | 9320 | Youngstown-Warren, OH MSA   |
| 242 |    | 9340 | Yuba City, CA MSA   |

List 5: CMSA CODES (HG-CMSA)

| FIPS CODE<br>(HG-CMSA) | CMSA TITLE  |
|------------------------|---|
| 07                     | Boston-Lawrence-Salem, MA-NH  |
| 10                     | Buffalo-Niagara Falls, NY   |
| 14                     | Chicago-Gary-Lake County, IL-IN-WI<br>(Wisconsin portion not in sample)       |
| 21                     | Cincinnati-Hamilton, OH-KY-IN<br>(Indiana portion not identified)             |
| 28                     | Cleveland-Akron-Lorain, OH  |
| 31                     | Dallas-Fort Worth, TX   |
| 34                     | Denver-Boulder, CO  |
| 35                     | Detroit-Ann Arbor, MI   |
| 41                     | Hartford-New Britain-Middletown, CT   |
| 42                     | Houston-Galveston-Brazoria, TX  |
| 47                     | Kansas City, MO-KS  |
| 56                     | Miami-Fort Lauderdale, FL   |
| 63                     | Milwaukee-Racine, WI  |
| 70                     | New York-Northern New Jersey-Long Island, NY-NJ-CT                            |
| 77                     | Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD<br>(Maryland portion suppressed) |
| 78                     | Pittsburgh-Beaver Valley, PA  |

79 Portland-Vancouver, OR-WA  
 80 Providence- Pawtucket-Fall River, RI-MA  
 91 Seattle-Tacoma, WA  
 APPENDIX F

Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly does not exceed an annualized wage of \$100,000 (\$1923.07 per week). Below is a list of the appropriate topcodes.

| Hours | Topcode | Hours | Topcode |
|-------|---------|-------|---------|
|       |         | 50    | \$38.46 |
| 1     | None    | 51    | \$37.70 |
| 2     | None    | 52    | \$36.98 |
| 3     | None    | 53    | \$36.28 |
| 4     | None    | 54    | \$35.61 |
| 5     | None    | 55    | \$34.96 |
| 6     | None    | 56    | \$34.34 |
| 7     | None    | 57    | \$33.73 |
| 8     | None    | 58    | \$33.15 |
| 9     | None    | 59    | \$32.59 |
| 10    | None    | 60    | \$32.05 |
| 11    | None    | 61    | \$31.52 |
| 12    | None    | 62    | \$31.01 |
| 13    | None    | 63    | \$30.52 |
| 14    | None    | 64    | \$30.04 |
| 15    | None    | 65    | \$29.58 |
| 16    | None    | 66    | \$29.13 |
| 17    | None    | 67    | \$28.70 |
| 18    | None    | 68    | \$28.28 |
| 19    | None    | 69    | \$27.87 |
| 20    | \$96.15 | 70    | \$27.47 |
| 21    | \$91.57 | 71    | \$27.08 |
| 22    | \$87.41 | 72    | \$26.70 |
| 23    | \$83.61 | 73    | \$26.34 |
| 24    | \$80.12 | 74    | \$25.98 |
| 25    | \$76.92 | 75    | \$25.64 |
| 26    | \$73.96 | 76    | \$25.30 |
| 27    | \$71.22 | 77    | \$24.97 |
| 28    | \$68.68 | 78    | \$24.65 |
| 29    | \$66.31 | 79    | \$24.34 |
| 30    | \$64.10 | 80    | \$24.03 |
| 31    | \$62.03 | 81    | \$23.74 |
| 32    | \$60.09 | 82    | \$23.45 |
| 33    | \$58.27 | 83    | \$23.16 |
| 34    | \$56.56 | 84    | \$22.89 |
| 35    | \$54.94 | 85    | \$22.62 |
| 36    | \$53.41 | 86    | \$22.36 |
| 37    | \$51.97 | 87    | \$22.10 |

|    |         |    |         |
|----|---------|----|---------|
| 38 | \$50.60 | 88 | \$21.85 |
| 39 | \$49.30 | 89 | \$21.60 |
| 40 | \$48.07 | 90 | \$21.36 |
| 41 | \$46.90 | 91 | \$21.13 |
| 42 | \$45.78 | 92 | \$20.90 |
| 43 | \$44.72 | 93 | \$20.67 |
| 44 | \$43.70 | 94 | \$20.45 |
| 45 | \$42.73 | 95 | \$20.24 |
| 46 | \$41.80 | 96 | \$20.03 |
| 47 | \$40.91 | 97 | \$19.82 |
| 48 | \$40.06 | 98 | \$19.62 |
| 49 | \$39.24 | 99 | \$19.42 |

APPENDIX G

Machine-Readable Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

1. COMMENTS ( " \* " ) lines
2. DATA DICTIONARY ( " D " ) ; line and DATA DESCRIPTION
3. UNIVERSE ( " U " ) lines
4. VALUE DESCRIPTION lines
5. One blank line at the end

FORMAT

"\*" LINE □ COMMENTS

- a. " \* " in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.
- b. " \*\* " in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables.

"D" LINE □ DATA DICTIONARY

This line contains the following information:

|                |                                |      |       |
|----------------|--------------------------------|------|-------|
| ID             | "D"                            | COL. | 1- 1  |
| NAME           | Variable name                  | COL. | 3-10  |
| SIZE           | Size of data field             | COL. | 14-15 |
| BEGIN          | Begin position of data field   | COL. | 19-22 |
| CATAGORY VALUE | Range of values in parentheses | COL. | 26-46 |

Text describing the variable will follow this "D" line. Use COL. 6-4 and repeat as many lines as necessary.

"U" LINE □ UNIVERSE DEFINITION

This line contains the universe definition. Use COL. 3-46 and repeat as many lines as necessary.

|    |       |      |      |
|----|-------|------|------|
| ID | " U " | COL. | 1- 1 |
|----|-------|------|------|

DESCRIPTION      Universe description                                  COL.      3-46

(For continuation use COL. 3-46 and repeat as many lines as necessary.)

"V"    LINE    VALUE    DEFINITION

|             |                            |      |       |
|-------------|----------------------------|------|-------|
| ID          | " V "                      | COL. | 1- 1  |
| VALUE       | Value code-right justified | COL. | 3-12  |
| .           | ."                         | COL. | 14    |
| DESCRIPTION | Value description          | COL. | 15-46 |

(Repeat COL. 14-46 format for continued value description.)

SOURCE AND ACCURACY OF THE DATA FOR THE MARCH 1989  
CURRENT POPULATION SURVEY MICRODATA FILE

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Source and Accuracy of the Data for the March 1989  
Current Population Survey Microdata File

SOURCE OF DATA

The data for this survey came from the March 1989 Current Population Survey (CPS), conducted by the Bureau of the Census. The March survey uses two sets of questions, the basic CPS and the supplements.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutional population. Interviewers ask questions concerning labor force participation about each member 14 years old and over in every sample household. The present CPS sample was selected from the 1980 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. It is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions. About 56,100 occupied households are eligible for interview every month. Interviewers are unable to obtain interviews at about 2,500 of these units because the occupants are not home after repeated calls or are unavailable for some other reason.

Since the introduction of the CPS, the Bureau of the Census has redesigned the CPS sample several times to improve the quality and reliability of the data and to satisfy changing data needs. The most recent changes were completely implemented in July 1985.

March supplement. In addition to the basic CPS questions, interviewers asked supplementary questions in March about money income received in the previous calendar year, educational attainment, household and family characteristics, marital status and geographical mobility.

To obtain more reliable data for the Hispanic origin population, the March CPS sample was increased by about 2,500 eligible housing units, interviewed the previous November, that contained at least one sample person of Hispanic origin. In addition, the sample included persons in the Armed Forces living off post or with their families on post.

Estimation procedure. This survey's estimation procedure inflates weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, sex, race and Hispanic/non-Hispanic categories. The independent estimates were based on statistics from decennial censuses of population; statistics on births, deaths, immigration and emigration; and statistics on the size of the Armed Forces. The estimation procedure for the March supplement included a further adjustment so husband and wife of a household received the same weight.

#### ACCURACY OF THE ESTIMATES

Since the CPS estimates come from a sample, they may differ from figures from a complete census using the same questionnaires, instructions, and enumerators. A sample survey estimate has two possible types of error: sampling and nonsampling. The accuracy of an estimate depends on



both types of error, but the full extent of the nonsampling error is unknown. Consequently, one should be particularly careful when interpreting results based on a relatively small number of cases or on small differences between estimates.

Nonsampling variability. Nonsampling errors can be attributed to many sources. These sources include the inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, respondents' inability or unwillingness to provide correct information or to recall information, errors made in data collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all units with the sample (undercoverage).

CPS undercoverage results from missed housing units and missed persons within sample households. Compared to the level of the 1980 Decennial Census, overall CPS undercoverage is about 7 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. As described previously, ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-Hispanic group. Furthermore, the independent population controls have not been adjusted for undercoverage in the 1980 census.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to Statistical Policy Working Paper 3, An Error Profile: Employment as Measured by the Current Population Survey, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978 and Technical Paper 40, The Current Population Survey: Design and Methodology, Bureau of the Census, U.S. Department of Commerce.

Comparability of data. Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Use caution when comparing results from different sources.

Caution should also be used when comparing data from this microdata file, which reflects 1980 census-based population controls, with microdata files from March 1980 and earlier years, which reflect 1970 census-based population controls.

This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions, but did have a significant impact on levels. For example, use of 1980 based population controls results in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1981 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Since no independent population control totals for persons of Hispanic origin were used before 1984, compare Hispanic estimates over time cautiously.

Note when using small estimates. Because of the large standard errors involved, summary measures probably do not reveal useful information when computed on a base smaller than 75,000.

Take care in the interpretation of small differences. For instance, even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

Sampling variability. Sampling variability is variation that occurred by chance because a sample was surveyed rather than the entire population. Standard errors are primarily measures of sampling variability, although they may include some nonsampling error.

Standard errors and their use. A number of approximations are required to derive, at a moderate cost, standard errors applicable to estimates from this data. Instead of providing an individual standard error, generalized sets of standard errors are provided for various types of characteristics. Thus, the tables show levels of magnitude of standard errors rather than the precise standard errors.

The sample estimate and its standard error enable one to construct a confidence interval, a range that would include the average result of all possible samples with a known probability. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples. However, one can say with specified confidence that the interval includes the average estimate calculated from all

possible samples.

Standard errors may be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of Whites with a college education to the percentage of Blacks with a college education.

Tests may be performed at various levels of significance, where a significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, for a statement of difference to pass at the 0.10 level of significance, the absolute value of the estimated difference between characteristics is greater than or equal to 1.6 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical texts for alternative criteria.

Standard errors of estimated numbers. There are two ways to compute the approximate standard error,  $s_x$ , of an estimated number. The first uses the formula

$$s_x = fs \tag{1}$$

where  $f$  is a factor from Table III, and  $s$  is the standard error of the estimate obtained by interpolation from Table I.A or II.A. The second method uses formula (2), from which the standard errors in Tables I.A and II.A were calculated. This formula will provide more accurate results than formula (1).

$$s_x = \hat{u}ax\hat{y} + bx \tag{2}$$

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Table IV associated with the particular type of characteristic. When calculating standard errors for numbers from cross-tabulations involving different characteristics, use the factor or set of parameters for the characteristic which will give the largest standard error.

Illustration

Suppose there were 8,419,000 high school graduates aged 20 to 24 years old. Using formula (2) with  $a = -0.000015$  and  $b = 2,744$  from Table IV, the approximate standard error is

$$s_x = \hat{u}(-0.000015)(8,419,000)\hat{y} + (2,744)(8,419,000) = 148,000.$$

Using the 148,000 estimate of standard error, the 90-percent

confidence interval is from 8,182,200 to 8,655,800, i.e., 8,419,000 ± (1.6)(148,000). Therefore, a conclusion that the average estimate lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Alternatively, using formula (1) and values of f and s from Tables III and I.A, respectively, the approximate standard error is  $1.00 \times 147,000 = 147,000$ .

Standard errors of estimated percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the factor or parameter from Tables III and IV indicated by the numerator.

The approximate standard error,  $s_{x,p}$ , of an estimated percentage can be obtained by use of the formula

$$s_{x,p} = fs \tag{3}$$

In this formula, f is the appropriate factor from Table III and s is the standard error of the estimate obtained by interpolation from Tables I.B.1 through I.B.9 or II.B.1 through II.B.5.

Alternatively, formula (4) will provide more accurate results:

$$s_{x,p} = \frac{\hat{u}^3 b}{\hat{u} x} p(100 - p) \tag{4}$$

Here x is the total number of persons, families, households, or unrelated individuals in the base of the percentage, p is the percentage (0 ≤ p ≤ 100), and b is the parameter in Table IV associated with the characteristic in the numerator of the percentage.

Illustration

Suppose there were 8,419,000 high school graduates aged 20 to 24 of whom 12 percent were Black. Using formula (4), with b = 3,086, the approximate standard error is

$$s_{x,p} = \hat{u}(3,086/8,419,000)(12.0)(88.0) = 0.6.$$

Alternatively, using formula (3), the approximate standard error is  $1.06 \times 0.6 = 0.6$ .

Consequently, the 90-percent confidence interval for the

percentage of high school graduates aged 20 to 24 who were Black is from 11.0 to 13.0 percent, i.e., 12.0 ± (1.6) (0.6).

Standard error of a difference. The standard error of the difference between two sample estimates is approximately equal to

$$s_{x-y} = \sqrt{s_x^2 + s_y^2} \quad (5)$$

where  $s_x$  and  $s_y$  are the standard errors of the estimates,  $x$  and  $y$ . The estimates can be numbers, percentages, ratios, etc. This will represent the actual standard error quite accurately for the difference between estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

#### Illustration

Suppose 8,419,000 persons 25 to 29 years old and 8,228,000 persons 20 to 24 years old had completed four years of high school and no more. The apparent difference is 191,000 persons. The standard error on 8,419,000 was previously shown to be approximately 148,000 persons. The standard error on 8,228,000, computed in the same way, is approximately 147,000 persons. Using formula (5), the standard error of the estimated difference of 191,000 persons is about

$$s_{x-y} = \sqrt{148,000^2 + 147,000^2} = 209,000.$$

This means that the 90-percent confidence interval around the difference is from -143,400 to 525,400. Since this interval contains zero, we cannot conclude that the number of persons who completed four years of high school and no more is different for 20 to 24 year olds and 25 to 29 year olds.

Standard error of a mean for grouped data. The formula used to estimate the standard error of a mean for grouped data is

$$s_{\bar{x}} = \sqrt{\frac{b}{y} S_y^2} \quad (6)$$

In this formula,  $y$  is the size of the base of the distribution and  $b$  is a parameter from Table IV. The variance,  $S_y^2$ , is given by the following formula:

$$S_y^2 = \frac{c}{i=1} \sum (\bar{x}_i - \bar{x})^2 \quad (7)$$

where  $\bar{x}$ , the mean of the distribution, is estimated by

$$\bar{x} = \frac{1}{c} \sum_{i=1}^c \bar{x}_i \quad (8)$$

c is the number of groups; i indicates a specific group, thus taking on values 1 through c.

$\bar{x}_i$  is the estimated proportion of households, families or persons whose values, for the characteristic (x-values) being considered, fall in group i.

$\bar{x}_i$  is  $(Z_{i-1} + Z_i)/2$  where  $Z_{i-1}$  and  $Z_i$  are the lower and

upper interval boundaries, respectively, for group i.  $\bar{x}_i$  is assumed to be the most representative value for the characteristic for households, families, and unrelated individuals or persons in group i. Group c is open-ended, i.e., no upper interval boundary exists. For this group the approximate average value is

$$\bar{x}_c = \frac{Z_{c-1} + Z_c}{2} \quad (9)$$

Standard error of a ratio. Certain estimates may be calculated as the ratio of two numbers. The standard error of a ratio,  $x/y$ , may be computed using

$$s_{x/y} = \frac{1}{y} \sqrt{\frac{s_x^2}{x^2} + \frac{s_y^2}{y^2} - 2r \frac{s_x s_y}{xy}} \quad (10)$$

The standard error of the numerator,  $s_x$ , and that of the denominator,  $s_y$ , may be calculated using formula (2). Alternatively, use formula (1) and Table I.A or II.A. In formula (10), r represents the correlation between the numerator and the denominator of the estimate.

For one type of ratio, the denominator is a count of families or households and the numerator is a count of persons in those families or households with a certain characteristic. If there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of r. An example of this type is the mean number of children per family with children.

For all other types of ratios, r is assumed to be zero. If r is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio. Examples of this type are the mean number of children per family and the poverty rate.

NOTE: For estimates expressed as the ratio of x per 100 y or x per 1,000 y, multiply formula (10) by 100 or 1,000, respectively, to obtain the standard error.

Standard error of a median. The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (See the section on sampling variability for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure.

1. Determine, using formula (4), the standard error of the estimate of 50 percent from the distribution.
2. Add to and subtract from 50 percent the standard error determined in step 1.
3. Using the distribution of the characteristic, determine upper and lower limits of the 68-percent confidence interval by calculating values corresponding to the two points established in step 2.

Use the following formula to calculate the upper and lower limits.

$$XpN = \frac{pN - N1}{N2 - N1} (A2 - A1) + A1 \quad (11)$$

where

$XpN$  = estimated upper and lower bounds for the confidence interval ( $0 \leq p \leq 1$ ). For purposes of calculating the confidence interval,  $p$  takes on the values determined in step 2. Note that  $XpN$  estimates the median when  $p = 0.50$ .

$N$  = for distribution of numbers: the total number of units (persons, households, etc.) for the characteristic in the distribution.

$=$  for distribution of percentages: the value 1.0.

$p$  = the values obtained in step 2

$A1, A2$  = the lower and upper bounds, respectively, of the interval containing  $XpN$ .

$N1, N2$  = for distribution of numbers: the estimated number of units (persons, households, etc.) with values of the characteristic greater than or equal to  $A1$  and  $A2$ , respectively.

$=$  for distribution of percentages: the estimated percentage of units (persons, households, etc.) having values of the characteristic greater than or equal to  $A1$  and  $A2$ , respectively.

4. Divide the difference between the two points determined in step 3 by two to obtain the standard error of the median.

Illustration

Suppose the median income for families was \$30,853 in 1988. The size, or base, of the distribution from which this median was determined was 65,133,000 families.

- (1) Using formula (2) with  $b = 1,896$ , the standard error of 50 percent on a base of 65,133,000 is about 0.3 percent.
- (2) To obtain a 68-percent confidence interval on an estimated median, add to and subtract from 50 percent the standard error found in step 1. This yields percent limits of 49.7 and 50.3.
- (3) The lower and upper limits for the interval in which the median falls are \$30,000 and \$32,500, respectively.

Then, by addition, the estimated numbers of families with an income greater than or equal to \$30,000 and \$32,500 are 33,633,000 and 30,508,000, respectively.

Using formula (5), the upper limit for the confidence interval of the median is found to be about

$$\frac{0.497 \times 65,133,000 - 33,633,000}{30,508,000 - 33,633,000} (32,500 - 30,000) + 30,000 = 31,010.$$

Similarly, the lower limit is found to be about

$$\frac{0.503 \times 65,133,000 - 33,633,000}{30,508,000 - 33,633,000} (32,500 - 30,000) + 30,000 = 30,697.$$

Thus, a 68-percent confidence interval for the median income for families is from \$30,697 to \$31,010.

- (4) The standard error of the median is, therefore,

$$\frac{31,010 - 30,697}{2} = 157.$$

Accuracy of state estimates. The 1980 redesign provided an opportunity to increase efficiency and accuracy of state data. All strata are defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data has been achieved with about the same sample size as in



the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state the larger the sampling proportion. For example, in Vermont approximately 1 in every 300 households was sampled each month. In New York the sample was about 1 in every 1,600 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger population.

Computation of standard errors for state estimates. Standard errors for states and selected groups of states, may be obtained by adjusting national level generalized standard errors or a and b parameters in conjunction with the standard error equations described earlier. To use the generalized standard errors for estimates of levels, multiply the national level standard errors in Tables I.A and II.A by f in Table V for the state of interest. For estimates of percentages, f should be used with the factors in Table III and the standard errors in Tables I.B.1 through I.B.9 or II.B.1 through II.B.5.

As an example, suppose the sample shows that there were 2,182,000 persons of Hispanic origin living in New York, 32.4 percent of whom had completed four years or more of high school. Interpolation in Table I.B.1 shows the standard error on 32.4 percent to be approximately 1.54. Table III shows the factor for persons of Hispanic origin with educational attainment to be 1.06. Table V shows the factor for New York to be 1.06. Thus, the standard error on the 32.4 percent of persons of Hispanic origin who completed four years of high school or more is approximately equal to  $1.7 = 1.54 \times 1.06 \times 1.06$ .

To use a and b parameters in calculating state standard errors for estimates of levels, multiply the national a and b parameters from Table IV by f<sub>y</sub> in Table V for the state of interest. For estimates of percentages the b parameter only, from Table IV, is multiplied by f<sub>y</sub> from Table V.

Computation of a factor for groups of states. The factor for a group of states may be obtained by computing a weighted sum of the factors for the individual states in the group, depending on the combination of states, the resulting figure can be an overestimate. The factor for a group of n states is given by

$$f_y = \frac{\sum_{i=1}^n \text{1980 census population of state } i \times f_i y}{\sum_{i=1}^n \text{1980 census population of state } i}$$

where  $f_i$  is obtained from Table V. The 1980 census population for each state is given in Table V. Use  $f_i$  for factors for a and b parameters and f for factors for standard errors.

For example, suppose a factor for the state group Illinois-Wisconsin-Michigan was desired. The correct factor would be

$$f = \frac{11,427,414 \times 0.86 + 4,705,642 \times 1.22 + 9,262,070 \times 0.68}{11,427,414 + 4,705,642 + 9,262,070} = 0.86$$

STANDARD ERRORS, PARAMETERS AND FACTORS

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A. Estimated Numbers

Table II.A. Standard Errors of Estimated Numbers of  
 Families, Households, or Unrelated  
 Individuals for Selected  
 Characteristics

For the following characteristics by Total or White,  
 Black and other races, and Hispanic Origin:

- . Employment
- . Income
- . Marital Status, Household and Family  
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Table I.A. Standard Errors of Estimated Numbers of Persons for Selected  
 Characteristics

|                | Size of Estimate (in<br>thousands) |        |         |         |     |       |       |       |        |        |        |
|----------------|------------------------------------|--------|---------|---------|-----|-------|-------|-------|--------|--------|--------|
| Characteristic | 25                                 | 50     | 100     | 250     | 500 | 1,000 | 2,500 | 5,000 | 10,000 | 15,000 | 25,000 |
|                | 30,000                             | 50,000 | 100,000 | 150,000 |     |       |       |       |        |        |        |

Educational Attainment

|                 |     |     |     |    |    |    |    |     |     |     |     |
|-----------------|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|
| Total or White  | 8   | 12  | 17  | 26 | 37 | 52 | 82 | 116 | 161 | 194 | 243 |
| 262             | 316 | 353 | 272 |    |    |    |    |     |     |     |     |
| Black and Other | 9   | 12  | 18  | 28 | 39 | 54 | 84 | 112 | 138 | 140 | 58  |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |
| Hispanic Origin | 9   | 12  | 17  | 27 | 38 | 53 | 78 | 95  | 70  | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |

Employment

|                 |     |     |     |    |    |    |    |     |     |     |     |
|-----------------|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|
| Total or White  | 8   | 12  | 17  | 26 | 37 | 52 | 82 | 116 | 161 | 193 | 240 |
| 258             | 305 | 310 | 97  |    |    |    |    |     |     |     |     |
| Black and Other | 8   | 12  | 17  | 26 | 37 | 51 | 77 | 99  | 108 | 74  | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |
| Hispanic Origin | 8   | 12  | 17  | 26 | 36 | 51 | 75 | 93  | 84  | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |

Persons Tabulated by

Family Income

|                 |     |     |     |    |    |     |     |     |     |     |     |
|-----------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|
| Total or White  | 15  | 21  | 30  | 47 | 67 | 94  | 149 | 209 | 293 | 355 | 448 |
| 485             | 596 | 725 | 714 |    |    |     |     |     |     |     |     |
| Black and Other | 16  | 23  | 32  | 50 | 71 | 100 | 154 | 210 | 274 | 303 | 290 |
| 244             | (x) | (x) | (x) |    |    |     |     |     |     |     |     |
| Hispanic Origin | 16  | 23  | 32  | 50 | 71 | 99  | 149 | 195 | 223 | 186 | (x) |
| (x)             | (x) | (x) | (x) |    |    |     |     |     |     |     |     |

Income

|                 |     |     |     |    |    |    |    |     |     |     |     |
|-----------------|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|
| Total or White  | 8   | 11  | 16  | 25 | 35 | 50 | 78 | 110 | 153 | 185 | 231 |
| 249             | 301 | 341 | 278 |    |    |    |    |     |     |     |     |
| Black and Other | 8   | 12  | 17  | 26 | 37 | 52 | 80 | 107 | 131 | 133 | 48  |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |
| Hispanic Origin | 8   | 12  | 17  | 26 | 37 | 51 | 76 | 94  | 86  | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |

Marital Status, House-  
hold and Family

|                 |     |     |     |    |    |    |     |     |     |     |     |
|-----------------|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|
| Total or White  | 12  | 16  | 23  | 36 | 51 | 73 | 114 | 161 | 224 | 270 | 338 |
| 364             | 437 | 481 | 350 |    |    |    |     |     |     |     |     |
| Black and Other | 14  | 20  | 28  | 43 | 61 | 86 | 131 | 174 | 212 | 209 | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |     |     |     |     |     |
| Hispanic Origin | 14  | 19  | 28  | 43 | 61 | 84 | 125 | 155 | 141 | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |     |     |     |     |     |

Mobility

Demography

|                 |     |     |     |    |    |    |    |     |     |     |     |
|-----------------|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|
| Total or White  | 9   | 12  | 17  | 27 | 38 | 54 | 85 | 119 | 166 | 200 | 250 |
| 269             | 322 | 350 | 236 |    |    |    |    |     |     |     |     |
| Black and Other | 9   | 12  | 17  | 27 | 38 | 53 | 83 | 113 | 146 | 162 | 156 |
| 132             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |
| Hispanic Origin | 9   | 12  | 17  | 27 | 37 | 52 | 76 | 92  | 69  | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |    |     |     |     |     |

U.S., County, State,  
Regional or MSA

|                 |     |     |     |    |    |    |     |     |     |     |     |
|-----------------|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|
| Total or White  | 14  | 20  | 28  | 45 | 63 | 89 | 140 | 196 | 274 | 330 | 413 |
| 444             | 533 | 586 | 422 |    |    |    |     |     |     |     |     |
| Black and Other | 14  | 20  | 28  | 44 | 63 | 88 | 136 | 185 | 241 | 266 | 254 |
| 213             | (x) | (x) | (x) |    |    |    |     |     |     |     |     |
| Hispanic Origin | 14  | 20  | 28  | 44 | 62 | 86 | 130 | 167 | 181 | 120 | (x) |
| (x)             | (x) | (x) | (x) |    |    |    |     |     |     |     |     |

Poverty

|                |     |     |     |    |    |     |     |     |     |     |     |
|----------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|
| Total or White | 17  | 24  | 34  | 53 | 75 | 107 | 168 | 236 | 329 | 397 | 497 |
| 536            | 645 | 723 | 565 |    |    |     |     |     |     |     |     |

|                 |     |     |     |    |    |     |     |     |     |     |     |
|-----------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|
| Black and Other | 17  | 24  | 34  | 53 | 75 | 105 | 161 | 215 | 264 | 267 | 87  |
| (x)             | (x) | (x) | (x) |    |    |     |     |     |     |     |     |
| Hispanic Origin | 17  | 24  | 34  | 53 | 74 | 103 | 153 | 190 | 173 | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |     |     |     |     |     |     |
| Unemployment    |     |     |     |    |    |     |     |     |     |     |     |
| Total or White  | 8   | 11  | 16  | 26 | 36 | 51  | 80  | 113 | 156 | 188 | 234 |
| 252             | 297 | 303 | 102 |    |    |     |     |     |     |     |     |
| Black and Other | 9   | 12  | 17  | 27 | 38 | 53  | 81  | 104 | 116 | 87  | (x) |
| (x)             | (x) | (x) | (x) |    |    |     |     |     |     |     |     |
| Hispanic Origin | 9   | 12  | 17  | 27 | 38 | 53  | 78  | 97  | 88  | (x) | (x) |
| (x)             | (x) | (x) | (x) |    |    |     |     |     |     |     |     |

Note: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan. When the characteristic of interest is total state population, the standard error is 0.0.

(x) Not applicable.

Table I.B.1. Standard Errors of Estimated Percentages for Persons  
Educational Attainment  
Total or White<sup>1</sup>

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 3.3                  | 4.6     | 7.2     | 9.9      | 14.4     | 16.6 |
| 50                                   | 2.3                  | 3.3     | 5.1     | 7.0      | 10.1     | 11.7 |
| 100                                  | 1.6                  | 2.3     | 3.6     | 5.0      | 7.2      | 8.3  |
| 250                                  | 1.0                  | 1.5     | 2.3     | 3.1      | 4.5      | 5.2  |
| 500                                  | 0.7                  | 1.0     | 1.6     | 2.2      | 3.2      | 3.7  |
| 1,000                                | 0.5                  | 0.7     | 1.1     | 1.6      | 2.3      | 2.6  |
| 2,500                                | 0.3                  | 0.5     | 0.7     | 1.0      | 1.4      | 1.7  |
| 5,000                                | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.2  |
| 10,000                               | 0.2                  | 0.2     | 0.4     | 0.5      | 0.7      | 0.8  |
| 25,000                               | 0.10                 | 0.2     | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                               | 0.07                 | 0.10    | 0.2     | 0.2      | 0.3      | 0.4  |
| 100,000                              | 0.05                 | 0.07    | 0.11    | 0.2      | 0.2      | 0.3  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup> See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table I.B.2. Standard Errors of Estimated Percentages for Persons  
Employment  
All

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 3.3                  | 4.6     | 7.2     | 10.0     | 14.4     | 16.6 |

|         |      |      |      |     |      |      |
|---------|------|------|------|-----|------|------|
| 50      | 2.3  | 3.3  | 5.1  | 7.0 | 10.2 | 11.8 |
| 100     | 1.6  | 2.3  | 3.6  | 5.0 | 7.2  | 8.3  |
| 250     | 1.0  | 1.5  | 2.3  | 3.2 | 4.6  | 5.3  |
| 500     | 0.7  | 1.0  | 1.6  | 2.2 | 3.2  | 3.7  |
| 1,000   | 0.5  | 0.7  | 1.2  | 1.6 | 2.3  | 2.6  |
| 2,500   | 0.3  | 0.5  | 0.7  | 1.0 | 1.4  | 1.7  |
| 5,000   | 0.2  | 0.3  | 0.5  | 0.7 | 1.0  | 1.2  |
| 10,000  | 0.2  | 0.2  | 0.4  | 0.5 | 0.7  | 0.8  |
| 25,000  | 0.10 | 0.2  | 0.2  | 0.3 | 0.5  | 0.5  |
| 50,000  | 0.07 | 0.10 | 0.2  | 0.2 | 0.3  | 0.4  |
| 100,000 | 0.05 | 0.07 | 0.11 | 0.2 | 0.2  | 0.3  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

Table I.B.3. Standard Errors of Estimated Percentages for Persons  
Tabulated by Family Income  
Total or White<sup>1</sup>

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 6.0                  | 8.4     | 13.0    | 18.0     | 25.9     | 29.9 |
| 50                                   | 4.2                  | 5.9     | 9.2     | 12.7     | 18.3     | 21.2 |
| 100                                  | 3.0                  | 4.2     | 6.5     | 9.0      | 13.0     | 15.0 |
| 250                                  | 1.9                  | 2.6     | 4.1     | 5.7      | 8.2      | 9.5  |
| 500                                  | 1.3                  | 1.9     | 2.9     | 4.0      | 5.8      | 6.7  |
| 1,000                                | 0.9                  | 1.3     | 2.1     | 2.8      | 4.1      | 4.7  |
| 2,500                                | 0.6                  | 0.8     | 1.3     | 1.8      | 2.6      | 3.0  |
| 5,000                                | 0.4                  | 0.6     | 0.9     | 1.3      | 1.8      | 2.1  |
| 10,000                               | 0.3                  | 0.4     | 0.6     | 0.9      | 1.3      | 1.5  |
| 25,000                               | 0.2                  | 0.3     | 0.4     | 0.6      | 0.8      | 1.0  |
| 50,000                               | 0.13                 | 0.2     | 0.3     | 0.4      | 0.6      | 0.7  |
| 100,000                              | 0.09                 | 0.13    | 0.2     | 0.3      | 0.4      | 0.5  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup> See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table I.B.4. Standard Errors of Estimated Percentages for Persons  
Income  
Total or White<sup>1</sup>

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 3.1                  | 4.4     | 6.8     | 9.4      | 13.6     | 15.7 |
| 50                                   | 2.2                  | 3.1     | 4.8     | 6.7      | 9.6      | 11.1 |
| 100                                  | 1.6                  | 2.2     | 3.4     | 4.7      | 6.8      | 7.8  |
| 250                                  | 1.0                  | 1.4     | 2.2     | 3.0      | 4.3      | 5.0  |
| 500                                  | 0.7                  | 1.0     | 1.5     | 2.1      | 3.0      | 3.5  |
| 1,000                                | 0.5                  | 0.7     | 1.1     | 1.5      | 2.2      | 2.5  |
| 2,500                                | 0.3                  | 0.4     | 0.7     | 0.9      | 1.4      | 1.6  |
| 5,000                                | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.1  |

|         |      |      |      |     |     |     |
|---------|------|------|------|-----|-----|-----|
| 10,000  | 0.2  | 0.2  | 0.3  | 0.5 | 0.7 | 0.8 |
| 25,000  | 0.10 | 0.14 | 0.2  | 0.3 | 0.4 | 0.5 |
| 50,000  | 0.07 | 0.10 | 0.2  | 0.2 | 0.3 | 0.4 |
| 100,000 | 0.05 | 0.07 | 0.11 | 0.2 | 0.2 | 0.2 |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

1 See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table I.B.5. Standard Errors of Estimated Percentages for Persons Marital Status, Household and Family Characteristics Total or White<sup>1</sup>

| Base of Percentage (thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------|----------------------|---------|---------|----------|----------|------|
|                                | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                             | 4.6                  | 6.5     | 10.0    | 13.8     | 20.0     | 23.1 |
| 50                             | 3.2                  | 4.6     | 7.1     | 9.8      | 14.1     | 16.3 |
| 100                            | 2.3                  | 3.2     | 5.0     | 6.9      | 10.0     | 11.5 |
| 250                            | 1.4                  | 2.0     | 3.2     | 4.4      | 6.3      | 7.3  |
| 500                            | 1.0                  | 1.4     | 2.2     | 3.1      | 4.5      | 5.2  |
| 1,000                          | 0.7                  | 1.0     | 1.6     | 2.2      | 3.2      | 3.6  |
| 2,500                          | 0.5                  | 0.6     | 1.0     | 1.4      | 2.0      | 2.3  |
| 5,000                          | 0.3                  | 0.5     | 0.7     | 1.0      | 1.4      | 1.6  |
| 10,000                         | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.2  |
| 25,000                         | 0.2                  | 0.2     | 0.3     | 0.4      | 0.6      | 0.7  |
| 50,000                         | 0.10                 | 0.14    | 0.2     | 0.3      | 0.4      | 0.5  |
| 100,000                        | 0.07                 | 0.10    | 0.2     | 0.2      | 0.3      | 0.4  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

1 See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table I.B.6. Standard Errors of Estimated Percentages for Persons Mobility: Demographic Characteristics All

| Base of Percentage (thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------|----------------------|---------|---------|----------|----------|------|
|                                | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                             | 3.4                  | 4.8     | 7.4     | 10.3     | 14.8     | 17.1 |
| 50                             | 2.4                  | 3.4     | 5.3     | 7.2      | 10.5     | 12.1 |
| 100                            | 1.7                  | 2.4     | 3.7     | 5.1      | 7.4      | 8.6  |
| 250                            | 1.1                  | 1.5     | 2.4     | 3.2      | 4.7      | 5.4  |
| 500                            | 0.8                  | 1.1     | 1.7     | 2.3      | 3.3      | 3.8  |
| 1,000                          | 0.5                  | 0.8     | 1.2     | 1.6      | 2.3      | 2.7  |
| 2,500                          | 0.3                  | 0.5     | 0.8     | 1.0      | 1.5      | 1.7  |
| 5,000                          | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.2  |

|         |      |      |      |     |     |     |
|---------|------|------|------|-----|-----|-----|
| 10,000  | 0.2  | 0.2  | 0.4  | 0.5 | 0.7 | 0.8 |
| 25,000  | 0.11 | 0.2  | 0.2  | 0.3 | 0.5 | 0.5 |
| 50,000  | 0.08 | 0.11 | 0.2  | 0.2 | 0.3 | 0.4 |
| 100,000 | 0.05 | 0.08 | 0.12 | 0.2 | 0.2 | 0.3 |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

Table I.B.7. Standard Errors of Estimated Percentages for Persons  
Mobility: U.S., County, State, Regional or MSA  
All

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 5.6                  | 7.9     | 12.3    | 16.9     | 24.4     | 28.2 |
| 50                                   | 4.0                  | 5.6     | 8.7     | 12.0     | 17.2     | 19.9 |
| 100                                  | 2.8                  | 3.9     | 6.1     | 8.4      | 12.2     | 14.1 |
| 250                                  | 1.8                  | 2.5     | 3.9     | 5.3      | 7.7      | 8.9  |
| 500                                  | 1.2                  | 1.8     | 2.8     | 3.8      | 5.4      | 6.3  |
| 1,000                                | 0.9                  | 1.2     | 1.9     | 2.7      | 3.9      | 4.4  |
| 2,500                                | 0.6                  | 0.8     | 1.2     | 1.7      | 2.4      | 2.8  |
| 5,000                                | 0.4                  | 0.6     | 0.9     | 1.2      | 1.7      | 2.0  |
| 10,000                               | 0.3                  | 0.4     | 0.6     | 0.8      | 1.2      | 1.4  |
| 25,000                               | 0.2                  | 0.2     | 0.4     | 0.5      | 0.8      | 0.9  |
| 50,000                               | 0.13                 | 0.2     | 0.3     | 0.4      | 0.6      | 0.6  |
| 100,000                              | 0.09                 | 0.12    | 0.2     | 0.3      | 0.4      | 0.4  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

Table I.B.8. Standard Errors of Estimated Percentages for Persons  
Poverty  
All

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 6.7                  | 9.5     | 14.7    | 20.3     | 29.3     | 33.8 |
| 50                                   | 4.8                  | 6.7     | 10.4    | 14.3     | 20.7     | 23.9 |
| 100                                  | 3.4                  | 4.7     | 7.4     | 10.1     | 14.6     | 16.9 |
| 250                                  | 2.1                  | 3.0     | 4.7     | 6.4      | 9.3      | 10.7 |
| 500                                  | 1.5                  | 2.1     | 3.3     | 4.5      | 6.6      | 7.6  |
| 1,000                                | 1.1                  | 1.5     | 2.3     | 3.2      | 4.6      | 5.4  |
| 2,500                                | 0.7                  | 1.0     | 1.5     | 2.0      | 2.9      | 3.4  |
| 5,000                                | 0.5                  | 0.7     | 1.0     | 1.4      | 2.1      | 2.4  |
| 10,000                               | 0.3                  | 0.5     | 0.7     | 1.0      | 1.5      | 1.7  |
| 25,000                               | 0.2                  | 0.3     | 0.5     | 0.6      | 0.9      | 1.1  |
| 50,000                               | 0.2                  | 0.2     | 0.3     | 0.4      | 0.6      | 0.8  |

NOTE: Multiply these standard errors by 1.5 when tabulating by



nonmetropolitan.

Table I.B.9. Standard Errors of Estimated Percentages for Persons  
Unemployment  
Total or White<sup>1</sup>

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 3.2                  | 4.5     | 7.0     | 9.7      | 14.0     | 16.2 |
| 50                                   | 2.3                  | 3.2     | 5.0     | 6.9      | 9.9      | 11.4 |
| 100                                  | 1.6                  | 2.3     | 3.5     | 4.8      | 7.0      | 8.1  |
| 250                                  | 1.0                  | 1.4     | 2.2     | 3.1      | 4.4      | 5.1  |
| 500                                  | 0.7                  | 1.0     | 1.6     | 2.2      | 3.1      | 3.6  |
| 1,000                                | 0.5                  | 0.7     | 1.1     | 1.5      | 2.2      | 2.6  |
| 2,500                                | 0.3                  | 0.4     | 0.7     | 1.0      | 1.4      | 1.6  |
| 5,000                                | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.1  |
| 10,000                               | 0.2                  | 0.2     | 0.4     | 0.5      | 0.7      | 0.8  |
| 25,000                               | 0.10                 | 0.14    | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                               | 0.07                 | 0.10    | 0.2     | 0.2      | 0.3      | 0.4  |
| 100,000                              | 0.05                 | 0.07    | 0.11    | 0.2      | 0.2      | 0.3  |

NOTE: Multiply these standard errors by 1.5 when tabulating by  
nonmetropolitan.

<sup>1</sup> See Table III for factors to be applied to these standard errors  
for Black and Other Races and Hispanic Origin.

Table II.A. Standard Errors of Estimated Numbers of Families, Households, or  
Unrelated Individuals for

Selected Characteristics

| Characteristics                  | Size of Estimates (in<br>thousands) |     |     |     |     |       |       |       |        |        |        |        |
|----------------------------------|-------------------------------------|-----|-----|-----|-----|-------|-------|-------|--------|--------|--------|--------|
|                                  | 25                                  | 50  | 100 | 250 | 500 | 1,000 | 2,500 | 5,000 | 10,000 | 15,000 | 25,000 | 30,000 |
| <b>Employment</b>                |                                     |     |     |     |     |       |       |       |        |        |        |        |
| Total or White                   | 8                                   | 11  | 15  | 24  | 34  | 49    | 76    | 105   | 144    | 169    | 198    |        |
| 205                              | 192                                 | (x) | (x) |     |     |       |       |       |        |        |        |        |
| Black and Other Races            | 8                                   | 11  | 15  | 24  | 33  | 46    | 64    | 68    | (x)    | (x)    | (x)    |        |
| (x)                              | (x)                                 | (x) | (x) |     |     |       |       |       |        |        |        |        |
| Hispanic Origin                  | 8                                   | 11  | 15  | 24  | 33  | 45    | 60    | 50    | (x)    | (x)    | (x)    |        |
| (x)                              | (x)                                 | (x) | (x) |     |     |       |       |       |        |        |        |        |
| <b>Income</b>                    |                                     |     |     |     |     |       |       |       |        |        |        |        |
| Total or White                   | 8                                   | 11  | 15  | 24  | 34  | 47    | 75    | 106   | 150    | 183    | 236    |        |
| 258                              | 332                                 | 464 | 640 |     |     |       |       |       |        |        |        |        |
| Black and Other Races            | 8                                   | 11  | 16  | 25  | 35  | 49    | 74    | 99    | 122    | 123    | 37     |        |
| (x)                              | (x)                                 | (x) | (x) |     |     |       |       |       |        |        |        |        |
| Hispanic Origin                  | 8                                   | 11  | 16  | 25  | 34  | 48    | 71    | 88    | 80     | (x)    | (x)    |        |
| (x)                              | (x)                                 | (x) | (x) |     |     |       |       |       |        |        |        |        |
| <b>Marital Status, Household</b> |                                     |     |     |     |     |       |       |       |        |        |        |        |

| and Family Characteristics |     |       |       |    |    |    |    |     |     |     |     |
|----------------------------|-----|-------|-------|----|----|----|----|-----|-----|-----|-----|
| Total or White             | 7   | 10    | 15    | 23 | 32 | 46 | 72 | 101 | 141 | 170 | 213 |
| 229                        | 275 | 302   | (x)   |    |    |    |    |     |     |     |     |
| Black and Other Races      | 7   | 10    | 14    | 22 | 31 | 43 | 65 | 87  | 106 | 105 | (x) |
| (x)                        | (x) | (x)   | (x)   |    |    |    |    |     |     |     |     |
| Hispanic Origin            | 7   | 10    | 14    | 22 | 30 | 42 | 61 | 74  | 53  | (x) | (x) |
| (x)                        | (x) | (x)   | (x)   |    |    |    |    |     |     |     |     |
| Poverty                    |     |       |       |    |    |    |    |     |     |     |     |
| Total or White             | 8   | 11    | 16    | 25 | 35 | 51 | 82 | 122 | 186 | 244 | 352 |
| 404                        | 610 | 1,116 | 2,119 |    |    |    |    |     |     |     |     |
| Black and Other Races      | 8   | 11    | 16    | 25 | 35 | 51 | 82 | 122 | 186 | 244 | 352 |
| 404                        | 610 | 1,116 | 2,119 |    |    |    |    |     |     |     |     |
| Hispanic Origin            | 8   | 11    | 16    | 25 | 35 | 51 | 82 | 122 | 186 | 244 | 352 |
| 404                        | 610 | 1,116 | 2,119 |    |    |    |    |     |     |     |     |
| Unemployment               |     |       |       |    |    |    |    |     |     |     |     |
| Total or White             | 8   | 11    | 16    | 26 | 36 | 51 | 80 | 113 | 156 | 188 | 234 |
| 252                        | 297 | 303   | (x)   |    |    |    |    |     |     |     |     |
| Black and Other Races      | 9   | 12    | 17    | 27 | 38 | 53 | 81 | 104 | 116 | 87  | (x) |
| (x)                        | (x) | (x)   | (x)   |    |    |    |    |     |     |     |     |
| Hispanic Origin            | 9   | 12    | 17    | 27 | 38 | 53 | 78 | 97  | 88  | (x) | (x) |
| (x)                        | (x) | (x)   | (x)   |    |    |    |    |     |     |     |     |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.  
(x) Not applicable.

Table II.B.1. Standard Errors of Estimated Percentages for Families,  
Households, or Unrelated Individuals  
Employment  
All

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 3.1                  | 4.3     | 6.7     | 9.3      | 13.4     | 15.5 |
| 50                                   | 2.2                  | 3.1     | 4.8     | 6.6      | 9.5      | 10.9 |
| 100                                  | 1.5                  | 2.2     | 3.4     | 4.6      | 6.7      | 7.7  |
| 250                                  | 1.0                  | 1.4     | 2.1     | 2.9      | 4.2      | 4.9  |
| 500                                  | 0.7                  | 1.0     | 1.5     | 2.1      | 3.0      | 3.5  |
| 1,000                                | 0.5                  | 0.7     | 1.1     | 1.5      | 2.1      | 2.4  |
| 2,500                                | 0.3                  | 0.4     | 0.7     | 0.9      | 1.3      | 1.6  |
| 5,000                                | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.1  |
| 10,000                               | 0.2                  | 0.2     | 0.3     | 0.5      | 0.7      | 0.8  |
| 25,000                               | 0.10                 | 0.14    | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                               | 0.07                 | 0.10    | 0.2     | 0.2      | 0.3      | 0.4  |

NOTE: Multiply these standard errors by 1.5 when tabulating by  
nonmetropolitan.

Table II.B.2. Standard Errors of Estimated Percentages for Families,  
Households, or Unrelated Individuals  
Income  
Total or White 1

Base of Estimated Percentage

| Percentage<br>(thousands) | 1 or 99 | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
|---------------------------|---------|---------|---------|----------|----------|------|
| 25                        | 3.0     | 4.2     | 6.5     | 9.0      | 13.0     | 15.0 |
| 50                        | 2.1     | 3.0     | 4.6     | 6.4      | 9.2      | 10.6 |
| 100                       | 1.5     | 2.1     | 3.3     | 4.5      | 6.5      | 7.5  |
| 250                       | 0.9     | 1.3     | 2.1     | 2.8      | 4.1      | 4.7  |
| 500                       | 0.7     | 0.9     | 1.5     | 2.0      | 2.9      | 3.4  |
| 1,000                     | 0.5     | 0.7     | 1.0     | 1.4      | 2.0      | 2.4  |
| 2,500                     | 0.3     | 0.4     | 0.6     | 0.9      | 1.3      | 1.5  |
| 5,000                     | 0.2     | 0.3     | 0.5     | 0.6      | 0.9      | 1.1  |
| 10,000                    | 0.2     | 0.2     | 0.3     | 0.4      | 0.6      | 0.8  |
| 25,000                    | 0.09    | 0.13    | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                    | 0.07    | 0.09    | 0.2     | 0.2      | 0.3      | 0.3  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

1 See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table II.B.3. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals by Marital Status, Household and Family Characteristics and Educational Attainment  
Total or White<sup>1</sup>

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 2.9                  | 4.1     | 6.3     | 8.7      | 12.6     | 14.5 |
| 50                                   | 2.0                  | 2.9     | 4.5     | 6.2      | 8.9      | 10.3 |
| 100                                  | 1.4                  | 2.0     | 3.2     | 4.4      | 6.3      | 7.3  |
| 250                                  | 0.9                  | 1.3     | 2.0     | 2.8      | 4.0      | 4.6  |
| 500                                  | 0.6                  | 0.9     | 1.4     | 2.0      | 2.8      | 3.2  |
| 1,000                                | 0.5                  | 0.6     | 1.0     | 1.4      | 2.0      | 2.3  |
| 2,500                                | 0.3                  | 0.4     | 0.6     | 0.9      | 1.3      | 1.4  |
| 5,000                                | 0.2                  | 0.3     | 0.4     | 0.6      | 0.9      | 1.0  |
| 10,000                               | 0.14                 | 0.2     | 0.3     | 0.4      | 0.6      | 0.7  |
| 25,000                               | 0.09                 | 0.13    | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                               | 0.06                 | 0.09    | 0.14    | 0.2      | 0.3      | 0.3  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

1 See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table II.B.4. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals  
Poverty  
All

Base of Estimated Percentage

| Percentage<br>(thousands) | 1 or 99 | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
|---------------------------|---------|---------|---------|----------|----------|------|
| 25                        | 3.1     | 4.4     | 6.8     | 9.4      | 13.6     | 15.7 |
| 50                        | 2.2     | 3.1     | 4.8     | 6.6      | 9.6      | 11.1 |
| 100                       | 1.6     | 2.2     | 3.4     | 4.7      | 6.8      | 7.8  |
| 250                       | 1.0     | 1.4     | 2.2     | 3.0      | 4.3      | 5.0  |
| 500                       | 0.7     | 1.0     | 1.5     | 2.1      | 3.0      | 3.5  |
| 1,000                     | 0.5     | 0.7     | 1.1     | 1.5      | 2.2      | 2.5  |
| 2,500                     | 0.3     | 0.4     | 0.7     | 0.9      | 1.4      | 1.6  |
| 5,000                     | 0.2     | 0.3     | 0.5     | 0.7      | 1.0      | 1.1  |
| 10,000                    | 0.2     | 0.2     | 0.3     | 0.5      | 0.7      | 0.8  |
| 25,000                    | 0.10    | 0.14    | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                    | 0.07    | 0.10    | 0.2     | 0.2      | 0.3      | 0.4  |
| 100,000                   | 0.05    | 0.07    | 0.11    | 0.2      | 0.2      | 0.2  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

Table II.B.5. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals  
Unemployment  
Total or White<sup>1</sup>

| Base of<br>Percentage<br>(thousands) | Estimated Percentage |         |         |          |          |      |
|--------------------------------------|----------------------|---------|---------|----------|----------|------|
|                                      | 1 or 99              | 2 or 98 | 5 or 95 | 10 or 90 | 25 or 75 | 50   |
| 25                                   | 3.2                  | 4.5     | 7.0     | 9.7      | 14.0     | 16.2 |
| 50                                   | 2.3                  | 3.2     | 5.0     | 6.9      | 9.9      | 11.4 |
| 100                                  | 1.6                  | 2.3     | 3.5     | 4.8      | 7.0      | 8.1  |
| 250                                  | 1.0                  | 1.4     | 2.2     | 3.1      | 4.4      | 5.1  |
| 500                                  | 0.7                  | 1.0     | 1.6     | 2.2      | 3.1      | 3.6  |
| 1,000                                | 0.5                  | 0.7     | 1.1     | 1.5      | 2.2      | 2.6  |
| 2,500                                | 0.3                  | 0.4     | 0.7     | 1.0      | 1.4      | 1.6  |
| 5,000                                | 0.2                  | 0.3     | 0.5     | 0.7      | 1.0      | 1.1  |
| 10,000                               | 0.2                  | 0.2     | 0.4     | 0.5      | 0.7      | 0.8  |
| 25,000                               | 0.10                 | 0.14    | 0.2     | 0.3      | 0.4      | 0.5  |
| 50,000                               | 0.07                 | 0.10    | 0.2     | 0.2      | 0.3      | 0.4  |

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup> See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table III. Factors to be Applied to Tables I.B.1 Through I.B.9 and Tables II.B.1 Through II.B.5.

| Characteristic                     | Factor            |                          |                    |
|------------------------------------|-------------------|--------------------------|--------------------|
|                                    | Total or<br>White | Black and<br>Other Races | Hispanic<br>Origin |
| PERSONS                            |                   |                          |                    |
| Educational Attainment             | 1.00              | 1.06                     | 1.06               |
| Employment                         | 1.00              | 1.00                     | 1.00               |
| Persons Tabulated by Family Income | 1.00              | 1.07                     | 1.07               |

|  |      |      |      |
|--|------|------|------|
| Income   | 1.00 | 1.07 | 1.07 |
| Marital Status, Household and Family Characteristics | 1.00 | 1.20 | 1.20 |
| Mobility   |      |      |      |
| Demographic Characteristics                          | 1.00 | 1.00 | 1.00 |
| US, County, State, Regional or MSA                   | 1.00 | 1.00 | 1.00 |
| Poverty  | 1.00 | 1.00 | 1.00 |
| Unemployment   | 1.00 | 1.07 | 1.07 |

FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS

|  |      |      |      |
|--|------|------|------|
| Employment   | 1.00 | 1.00 | 1.00 |
| Income   | 1.00 | 1.04 | 1.04 |
| Marital Status, Household and Family Characteristics | 1.00 | 0.95 | 0.95 |
| Poverty  | 1.00 | 1.00 | 1.00 |
| Unemployment   | 1.00 | 1.07 | 1.07 |

NOTE: When the characteristic of interest is the total state population, the factor is 0.00.

Table IV. a and b Parameters for Standard Error

Estimates for

Persons and Families  
March 1989

|  |        | Total or White |        | Black     |        |   |
|--|--------|----------------|--------|-----------|--------|---|
| Characteristic                                       |        | a              | b      | a         | b      |   |
| a  | b      |                |        |           |        |   |
| PERSONS  |        |                |        |           |        |   |
| Educational Attainment                               |        | -0.000015      | 2,744  | -0.000118 | 3,086  | - |
| 0.000259   | 3,086  |                |        |           |        |   |
| Employment Characteristics                           |        | -0.000018      | 2,763  | -0.000160 | 2,763  | - |
| 0.000206   | 2,763  |                |        |           |        |   |
| Persons by Family Income                             |        | -0.000037      | 8,950  | -0.000275 | 10,232 | - |
| 0.000528   | 10,232 |                |        |           |        |   |
| Income   |        | -0.000013      | 2,465  | -0.000109 | 2,818  | - |
| 0.000208   | 2,818  |                |        |           |        |   |
| Marital Status, Household and Family Characteristics |        | -0.000030      | 5,318  | -0.000315 | 7,628  | - |
| 0.000564   | 7,628  |                |        |           |        |   |
| Mobility Characteristics                             |        |                |        |           |        |   |
| Demographic Characteristics                          |        | -0.000017      | 2,922  | -0.000078 | 2,922  | - |
| 0.000245   | 2,922  |                |        |           |        |   |
| U.S., County, State, Regional, or MSA                |        | -0.000045      | 7,935  | -0.000214 | 7,935  | - |
| 0.000465   | 7,935  |                |        |           |        |   |
| Poverty  |        | -0.000062      | 11,428 | -0.000445 | 11,428 | - |
| 0.000844   | 11,428 |                |        |           |        |   |
| Unemployment   |        | -0.000017      | 2,619  | -0.000167 | 3,011  | - |
| 0.000224   | 3,011  |                |        |           |        |   |

FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS

|  |       |           |       |           |       |   |
|--|-------|-----------|-------|-----------|-------|---|
| Employment Characteristics   |       | -0.000033 | 2,391 | -0.000294 | 2,391 | - |
| 0.000378   | 2,391 |           |       |           |       |   |
| Income   |       | -0.000001 | 2,251 | -0.000096 | 2,454 | - |
| 0.000182   | 2,454 |           |       |           |       |   |
| Marital Status, Household and Family Characteristics, Educational Attainment, Population by Age and/or Sex |       | -0.000012 | 2,110 | -0.000078 | 1,906 | - |
| 0.000163   | 1,906 |           |       |           |       |   |
| Poverty  |       | +0.000100 | 2,454 | +0.000100 | 2,454 |   |
| +0.000100  | 2,454 |           |       |           |       |   |
| Unemployment   |       | -0.000017 | 2,619 | -0.000167 | 3,011 | - |
| 0.000224   | 3,011 |           |       |           |       |   |

NOTE: Multiply a and b parameters by 1.5 when tabulating by nonmetropolitan. If the characteristic of interest is total state population, not subtotaled by race or ethnic origin, the a and b parameters are 0.0.

Table V. Factors for State Standard Errors and Parameters and Populations

Factors for adjusting

| State         | Standard errors<br>(f) | Parameters<br>(fý) | 1980 Census<br>Population |
|---------------|------------------------|--------------------|---------------------------|
| Alabama       | 1.08                   | 1.16               | 3,893,978                 |
| Alaska        | 0.36                   | 0.13               | 401,851                   |
| Arizona       | 0.97                   | 0.94               | 2,718,425                 |
| Arkansas      | 0.79                   | 0.63               | 2,286,419                 |
| California    | 1.36                   | 1.84               | 23,667,826                |
| Colorado      | 0.97                   | 0.95               | 2,889,735                 |
| Connecticut   | 1.04                   | 1.08               | 3,107,576                 |
| Delaware      | 0.44                   | 0.19               | 594,338                   |
| Dist. of Col. | 0.42                   | 0.18               | 638,432                   |
| Florida       | 0.86                   | 0.74               | 9,746,421                 |
| Georgia       | 1.20                   | 1.45               | 5,463,087                 |
| Hawaii        | 0.54                   | 0.29               | 964,691                   |
| Idaho         | 0.50                   | 0.25               | 935,038                   |
| Illinois      | 0.93                   | 0.86               | 11,427,414                |
| Indiana       | 1.25                   | 1.56               | 5,490,260                 |
| Iowa          | 0.85                   | 0.73               | 2,913,808                 |
| Kansas        | 0.78                   | 0.61               | 2,364,236                 |
| Kentucky      | 1.01                   | 1.02               | 3,660,257                 |
| Louisiana     | 1.09                   | 1.19               | 4,206,098                 |
| Maine         | 0.57                   | 0.32               | 1,125,030                 |
| Maryland      | 1.17                   | 1.36               | 4,216,941                 |
| Massachusetts | 0.66                   | 0.44               | 5,737,081                 |
| Michigan      | 0.82                   | 0.68               | 9,262,070                 |
| Minnesota     | 1.09                   | 1.19               | 4,075,970                 |
| Mississippi   | 0.81                   | 0.66               | 2,520,631                 |
| Missouri      | 1.20                   | 1.43               | 4,916,759                 |
| Montana       | 0.46                   | 0.21               | 786,690                   |
| Nebraska      | 0.82                   | 0.38               | 1,569,825                 |
| Nevada        | 0.57                   | 0.33               | 800,493                   |
| New Hampshire | 0.58                   | 0.34               | 920,610                   |
| New Jersey    | 0.73                   | 0.54               | 7,365,011                 |

|                |      |      |            |
|----------------|------|------|------------|
| New Mexico     | 0.58 | 0.34 | 1,303,445  |
| New York       | 1.06 | 1.13 | 17,558,072 |
| North Carolina | 0.67 | 0.45 | 5,881,813  |
| North Dakota   | 0.39 | 0.15 | 652,717    |
| Ohio           | 0.87 | 0.75 | 10,797,624 |
| Oklahoma       | 0.91 | 0.82 | 3,025,495  |
| Oregon         | 0.94 | 0.89 | 2,633,149  |
| Pennsylvania   | 0.91 | 0.83 | 11,864,751 |
| Rhode Island   | 0.56 | 0.31 | 947,154    |
| South Carolina | 0.87 | 0.76 | 3,122,814  |
| South Dakota   | 0.37 | 0.14 | 690,768    |
| Tennessee      | 1.12 | 1.25 | 4,591,120  |
| Texas          | 1.05 | 1.10 | 14,227,574 |
| Utah           | 0.65 | 0.42 | 1,461,037  |

Table V. Factors for State Standard Errors and Parameters and Populations (cont.)

Factors for adjusting

| State         | Standard errors<br>(f) | Parameters<br>f $\acute{y}$ | 1980 Census<br>Population |
|---------------|------------------------|-----------------------------|---------------------------|
| Vermont       | 0.41                   | 0.17                        | 511,456                   |
| Virginia      | 1.13                   | 1.27                        | 5,346,797                 |
| Washington    | 1.13                   | 1.28                        | 4,132,204                 |
| West Virginia | 0.73                   | 0.54                        | 1,950,258                 |
| Wisconsin     | 1.10                   | 1.22                        | 4,705,642                 |
| Wyoming       | 0.40                   | 0.16                        | 469,557                   |

Note: For standard errors of estimated numbers apply f to Tables I.A and II.A; For percentages apply f to Tables I.B.1 through I.B.9 and II.B.1 through II.B.5 in conjunction with Table III.

The a parameters for states are obtained by multiplying f $\acute{y}$  by the a parameter in Table IV of the characteristic of interest for the Total or White or all races category only. f $\acute{y}$  is applied to the b parameter for any race or Hispanic Origin.

□ Source and Accuracy Statement, 1990

The source and accuracy statement for the Current Population Survey, March 1990 will be sent to users at a later date.

Source and Accuracy Statement, 1991

The source and accuracy statement for the Current Population Survey, March 1991 will be sent to users at a later date.

CHANGES IN THE DATA DICTIONARY

There are 2 data dictionaries on this CD-ROM; 1 for March 1988 and 1 for March 1989-1991. Some of the universes and descriptions used in the March 1988 data dictionary are not identical to the other years.

The following variables were added and/or changed in the March 1991 Annual Demographic Supplement file:

March 1988 - March 1990

March 1991

Household Record

| Data   | Size | Begin | Data   | Size | Begin |
|--------|------|-------|--------|------|-------|
| Filler | 7    | 13    | Filler | 2    | 13    |
|        |      |       | SCMST  | 5    | 15    |

Person Record

| Data   | Size | Begin | Data   | Size | Begin |
|--------|------|-------|--------|------|-------|
| Filler | 1    | 465   | FL-665 | 1    | 465   |
| IMIG2  | 1    | 635   | IMIG1  | 1    | 635   |

CURRENT POPULATION SURVEY, MARCH 1989--1991  
ON CD-ROM DATA DICTIONARY

HOUSEHOLD RECORD

D HRECORD 1 1 (1:1)  
U All households  
V 1 .Household record

D H-SEQ 5 2 (00001:99999)  
Household sequence number  
U All households  
V 00001-99999.Household sequence number

D HHPOS 2 7 (00:00)  
Trailer portion of unique household  
ID. 00 for HH record.  
Same function in family record is  
field FFPOS (01-39).  
Same function in person record is  
PPPOS (41-79).

D HUUNITS 1 9 (0:5)  
Item 78 - How many units in the structure  
V 0 .NC  
V 1 .1 Unit  
V 2 .2 Units  
V 3 .3 - 4 Units  
V 4 .5 - 9 Units  
V 5 .10+ Units

D H-FAMINC 2 10 (0:13,19:19)  
Family Income  
Note: If a nonfamily household, income  
includes only that of householder.  
U All households  
V 0 .Less than \$5,000 or NIU  
V 1 . \$5,000 to \$7,499



V           2   \$.7,500 to \$9,999  
V           3   \$.10,000 to \$12,499  
V           4   \$.12,500 to \$14,999  
V           5   \$.15,000 to \$19,999  
V           6   \$.20,000 to \$24,999  
V           7   \$.25,000 to \$29,999  
V           8   \$.30,000 to \$34,999  
V           9   \$.35,000 to \$39,999  
V          10   \$.40,000 to \$49,999  
V          11   \$.50,000 to \$59,999  
V          12   \$.60,000 to \$74,999  
V          13   \$.75,000 and over  
V          19   .Value Assigned

D H-RESPNM    1       12   (0:7)  
      Item 12 - Line number of household  
      respondent  
V            0   .Blank or impossible  
V           1 - 6   .Line number  
V            7   .Nonhousehold respondent

D FILLER       2       13  
      Blank Filler

D SCMST        5       15   (0:99999)  
      Unique segment identifier  
      (1991 only)  
U All households

D H-HHTYPE    1       20   (1:3)  
      Type of household  
U All households  
v            1   .Interview  
v            2   .Type A non-interview  
v            3   .Type B/C non-interview

D H-NUMPER    2       21   (00:39)  
      Number of persons in household  
U H-HHTYPE = 1  
V            00   .Noninterview household  
V           1-39   .Number of persons in HHL D

D HNUMFAM     2       23   (00:39)  
      Number of families in household  
U H-HHTYPE = 1  
V            00   .Noninterview household  
V           1-39   .Number of families in HHL D

D H-TYPE       1       25   (0:9)  
      Household type  
U H-HHTYPE = 1  
V            0   .Not in universe  
V            1   .Husband/wife primary family  
              . (neither Husband or wife in  
              .Armed Forces)  
V            2   .Husband/wife primary family  
              . (husband and/or wife in

V            . Armed Forces)  
 V            3 .Unmarried civilian male  
               .primary family householder  
 V            4 .Unmarried civilian female  
               .primary family householder  
 V            5 .Primary family household -  
               .reference person in  
               .Armed Forces and unmarried  
 V            6 .Civilian male nonfamily  
               .householder  
 V            7 .Civilian female nonfamily  
               .householder  
 V            8 .Nonfamily householder  
               .household - reference person  
               .in Armed Forces  
 V            9 .Group quarters  
  
 D H-MONTH    2     26   (01:12)  
               Month of survey  
 U All households  
 V            01-12 .Month  
 D H-YEAR     1     28   (0:9)  
               Year of survey - last digit  
 U All households  
 V            0-9 .Last digit of year  
  
 D H-MIS      1     29   (1:8)  
               Month in sample  
 U All households  
 V            1-8 .Month in sample  
  
 D H-HHNUM    1     30   (0:8)  
               Household number  
 U All households  
 V            0 .Blank  
 V            1-8 .Household number  
  
 D H-LIVQRT   2     31   (01:12)  
               Item 4 - Type of living quarters  
               (recode)  
 U All households  
               Housing unit  
 V            01 .House, apt., flat  
 V            02 .HU in nontransient hotel, etc.  
 V            03 .HU, perm, in trans. hotel,  
               .motel etc.  
 V            04 .HU in rooming house  
 V            05 .Mobile home or trailer with  
               .no permanent room added  
 V            06 .Mobile home or trailer with 1  
               .or more perm. rooms added  
 V            07 .HU not specified above  
               Other unit  
 V            08 .Qtrs not HU in rooming or  
               .boarding house  
 V            09 .Unit not perm in trans. hotel,  
               .motel, etc.

V 10 .Tent or trailer site  
 V 11 .Student quarters in college  
     .dormitory  
 V 12 .Other not HU

D H-TYPEBC 2 33 (00:19)  
     Item 15 - Type B/C  
 U H-HHTYPE = 3  
 V 0 .Not in universe - interviewed  
     .and Type A noninterviewed  
     .households

    Type B  
 V 01 .Vacant - regular  
 V 02 .Vacant - storage of HHL D  
     .furniture  
 V 03 .Temp. occ. by persons with URE  
 V 04 .Unfit or to be demolished  
 V 05 .Under construction, not ready  
 V 06 .Converted to temp. business or  
     .storage  
 V 07 .Occ. by AF members or persons  
     .under 15  
 V 08 .Unocc. tent or trailer site  
 V 09 .Permit granted, construction  
     .not started  
 V 10 .Other

    Type C  
 V 11 .Demolished  
 V 12 .House or trailer moved  
 V 13 .Outside segment  
 V 14 .Converted to perm. business or  
     .storage  
 V 15 .Merged  
 V 16 .Condemned  
 V 17 .Built after April 1, 1980  
 V 18 .Unused line of listing sheet  
 V 19 .Other

D H-TENURE 1 35 (0:3)  
     Tenure  
 U H-HHTYPE = 1  
 V 0 .Not in universe  
 V 1 .Owned or being bought  
 V 2 .Rent  
 V 3 .No cash rent

D H-TELHHD 1 36 (0:2)  
     Telephone in household  
 U H-HHTYPE = 1  
 V 0 .Not in universe (non-interview)  
 V 1 .Yes  
 V 2 .No

D H-TELA VL 1 37 (0:2)  
     Telephone available  
 U H-HHTYPE = 1  
 V 0 .Not in universe

V           1 .Yes  
 V           2 .No

D H-TELINT    1       38   (0:2)  
           Telephone interview acceptable

U H-TELA VL = 1

V           0 .Not in universe  
 V           1 .Yes  
 V           2 .No

D HG-REG       1       39   (1:4)  
           Region

U All households

V           1 .Northeast  
 V           2 .Midwest  
 V           3 .South  
 V           4 .West

D HG-ST60     2       40   (11:95)  
           1960 census state code  
           (First digit=geog. division code)

U All households

          Northeast region (region 1)  
           New England Division (Division 1)

V           11 .Maine  
 V           12 .New Hampshire  
 V           13 .Vermont  
 V           14 .Massachusetts  
 V           15 .Rhode Island  
 V           16 .Connecticut

          Middle Atlantic Division (Division 2)

V           21 .New York  
 V           22 .New Jersey  
 V           23 .Pennsylvania

          Midwest Region (Region 2)  
           East North Central Division (Division 3)

V           31 .Ohio  
 V           32 .Indiana  
 V           33 .Illinois  
 V           34 .Michigan  
 V           35 .Wisconsin

          West North Central Division (Division 4)

V           41 .Minnesota  
 V           42 .Iowa  
 V           43 .Missouri  
 V           44 .North Dakota  
 V           45 .South Dakota  
 V           46 .Nebraska  
 V           47 .Kansas

          South Region (Region 3)  
           South Atlantic Division (Division 5)

V           51 .Delaware  
 V           52 .Maryland  
 V           53 .District of Columbia  
 V           54 .Virginia  
 V           55 .West Virginia  
 V           56 .North Carolina

V 57 .South Carolina  
V 58 .Georgia  
V 59 .Florida  
East South Central Division (Division 6)  
V 61 .Kentucky  
V 62 .Tennessee  
V 63 .Alabama  
V 64 .Mississippi  
West South Central Division (Division 7)  
V 71 .Arkansas  
V 72 .Louisiana  
V 73 .Oklahoma  
V 74 .Texas  
West Region (Region 4)  
Mountain Division (Division 8)  
V 81 .Montana  
V 82 .Idaho  
V 83 .Wyoming  
V 84 .Colorado  
V 85 .New Mexico  
V 86 .Arizona  
V 87 .Utah  
V 88 .Nevada

Pacific Division (Division 9)

V 91 .Washington

V 92 .Oregon

V 93 .California

V 94 .Alaska

V 95 .Hawaii

D HG-STRN 2 42 (01:51)  
1980 State rank

U Allhouseholds

D HG-MSAC 4 44 (0000:9340)  
MSA or PMSA FIPS code

V 0000 .Not MSA/PMSA or not  
.identifiable (see appendix  
.for values)

V 0040-9340 .MSA/PMSA code

D HG-PMSA 2 48 (00:12)  
PMSA rank

V 00 .Not a PMSA or not  
.identifiable

V 01-12 .Ranking of PMSA within its CMSA  
. (see appendix for values)

D HG-MSAR 3 50 (000:252)  
MSA or CMSA rank

V 000 .Not an MSA or not identifiable

V 001-252 .Ranking of MSAs or CMSAs by  
.population (see appendix for  
.values)

D HG-CMSA 2 53 (0:91)

V 00 .Not in CMSA or not identifiable

V 07-91 .CMSA code (see appendix for  
.values)

D HMSSZ 1 55 (0:8)  
MSA size

U Allhouseholds

V 1 .Not a MSA/CMSA or not identifiable

V 2 .100,000 - 249,999

V 3 .250,000 - 499,999

V 4 .500,000 - 999,999

V 5 .1 million - 2,499,999

V 6 .2.5 million - 4,999,999

V 7 .5 million - 9,999,999

V 8 .10 million or more

D HPMSASZ 1 56 (1:6)  
MSA/PMSA size recode

U All

V 1 .3,000,000 or more

V 2 .1,000,000 to 2,999,999

V 3 .500,000 to 999,999

V 4 .250,000 to 499,999

V 5 .Less than 250,000  
V 6 .Not identified

D HMSA-R 1 57 (1:3)  
Modified metropolitan statistical  
area status code MSA residence

U All households  
V 1 .MSA  
V 2 .Non MSA  
V 3 .Not identifiable

D HCCC-R 1 58 (1:4)  
Central city metropolitan statistical  
area status code residence

U All households  
V 1 .Central City  
V 2 .Balance of MSA  
V 3 .Non MSA  
V 4 .Not identifiable

D HFARM 1 59 (1:2)  
Farm def'n - edited using urban/rural code

U All households  
V 1 .Nonfarm  
V 2 .Farm

\*\*\*\*\*  
\* Edited noncash household items \*  
\*\*\*\*\*

D HUNDER15 2 60 (00:39)  
Recode

U ITEM 79 = 1  
Number of persons in household  
under age 15  
V 00 .None  
V 01-39 .Number persons under 15

D HCMCARE 1 62 (0:2)  
Item 80 - During 19.. how many of the  
children in this household were covered  
by Medicare or Medicaid

U HUNDER15 = 1+  
V 0 .Not in universe  
V 1 .All or some  
V 2 .None

D HCMCENO 1 63 (0:9)  
Item 80 - Number of children in  
household covered by Medicare or Medicaid  
Note: If more than 9 children/persons  
present, a value of 9 does not necessarily  
mean "ALL."

U HCMCARE = 1  
V 0 .Not in universe  
V 1 .1 child

...

V            9 .9 or more children

D HCHI            1        64 (0:2)  
 Item 81 - During 19.. how many of the  
 children in this household were  
 covered by other health insurance

U HUNDER15 = 1+

V            0 .Not in universe

V            1 .All or some

V            2 .None

D HCHINO        1        65 (0:9)  
 Item 81 - Number of children in house-  
 hold covered by a health insurance plan  
 Note: If more than 9 children/persons  
 present, a value of 9 does not necessarily  
 mean "ALL."

U HCHI = 1

V            0 .Not in universe

V            1 .1 Child

              ...

V            9 .9 or more children

D HCHINRH       1        66 (0:2)  
 Item 81A - During 19.. how many of  
 these children were covered by the  
 health insurance plan of someone not  
 residing in this household

U HCHI = 1

V            0 .Not in universe

V            1 .All or some

V            2 .None



D HCHINNO 1 67 (0:9)  
 Item 81A - During 19.. how many of these children were covered by the health insurance plan of someone not residing in this household  
 Note: If more than 9 children/persons present, a value of 9 does not necessarily mean "ALL."

U HCHINRH = 1  
 V 0 .Not in universe  
 V 1 .1 child  
 ...  
 V 9 .9 or more children

D HH5TO18 2 68 (00:39)  
 Recode  
 Item 82 -Number of persons in household age 5 to 18  
 V 00 .None  
 V 01-39 .Number persons 5 to 18

D HHOTLUN 1 70 (0:2)  
 Item 83 - During 19.. how many of the children in this household usually ate a complete hot lunch offered at school

U HH5TO18 = 1+  
 V 0 .Not in universe  
 V 1 .All or some  
 V 2 .None

D HHOTNO 1 71 (0:9)  
 Item 83 - Number of children in household who usually ate hot lunch  
 Note: If more than 9 children/persons present, a value of 9 does not necessarily mean "ALL."

U HHOTLUN = 1  
 V 0 .Not in universe  
 V 1 .1 child  
 ...  
 V 9 .9 or more children

D HFLUNCH 1 72 (0:2)  
 Item 86 - During 19.. how many of the children in this household received free or reduced price lunches because they qualified for the federal school lunch program

U HHOTLUN = 1  
 V 0 .Not in universe  
 V 1 .Some or all  
 V 2 .None

D HFLUNNO 1 73 (0:9)  
 Item 86 - Number receiving free lunch  
 Note: If more than 9 children/persons

present, a value of 9 does not necessarily mean "ALL."

U HFLUNCH = 1

V 0 .Not in universe

V 1 .One

...

V 9 .Nine or more

D HPUBLIC 1 74 (0:2)

Item 88 = Is this house in a public housing project, that is, is it owned by a local housing authority or other public agency

U HTENURE = 2

V 0 .Not in universe

V 1 .Yes

V 2 .No

D HLORENT 1 75 (0:2)  
 Item 89 - Are you paying lower rent  
 because the federal, state, or local  
 government is paying part of the cost

U HPUBLIC = 2

V 0 .Not in universe  
 V 1 .Yes  
 V 2 .No

D HFOODSP 1 76 (0:2)  
 Item 90 - Did anyone in this household  
 get food stamps at any time in during  
 19..

U HHTYPE = 1

V 0 .Not in universe  
 V 1 .Yes  
 V 2 .No

D HFOODNO 1 77 (0:9)  
 Item 91 - Number of people covered  
 by food stamps  
 Note: If more than 9 children/persons  
 present, a value of 9 does not necessarily  
 mean "ALL."

U HFOODSP = 1

V 0 .Not in universe  
 V 1 .One  
 ...  
 V 9 .Nine or more

D FILLER 1 78  
 Blank Filler

D HFOODMO 2 79 (00:12)  
 Item 92 - Number months covered  
 by food stamps

U HFOODSP = 1

V 00 .Not in universe  
 V 01 .One month  
 ...  
 V 12 .Months

D HFDVAL 4 81 (0000:9999)  
 Item 93 - What was the value of  
 all food stamps received during 19..

U HFOODSP = 1

V 0000 .Not in universe  
 V 0001-9999 .Food stamps value

D HENGAST 1 85 (0:2)  
 Item 94 - Since October 1, 19.., has  
 this household received energy  
 assistance from the Federal, State,  
 or local government

U HHINC = 01-12

V 0 .Not in universe  
 V 1 .Yes

V 2 .No

D HENGVAL 4 86 (0000:1999)  
Item 95 - Altogether, how much energy  
assistance has been received since  
October 1, 19..

U HENGAST = 1

V 0000 .Not in universe

V 0001-1999 .Energy assistance

\*\*\*\*\*  
\* Household Income Recipency and Values \*  
\* Source of Income -- Wages and Salaries \*  
\*\*\*\*\*

D HINC-WS 1 90 (0:2)  
Recode - Wage and Salary  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HWSVAL 7 91 (0000000:3899961)  
Recode - HHL D income - wages and  
salaries  
U HINC-WS = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Self-employment (nonfarm) \*  
\*\*\*\*\*

D HINC-SE 1 98 (0:2)  
Recode - Own business self-employment  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HSEVAL 7 99 (-389961:3899961)  
Recode - HHL D income - self employment  
income  
U HINC-SE = 1  
V 0000000 .None or not in universe  
V Neg Amt .Income (loss)  
V Pos Amt .Income

\*\*\*\*\*  
\* Source of Income \*  
\* Self-employment farm \*  
\*\*\*\*\*

D HINC-FR 1 106 (0:2)  
Recode - Farm self-employment  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HFRVAL 7 107 (-389961:3899961)  
Recode - HHL D income - farm income  
U HINC-FR = 1  
V 0000000 .None or not in universe  
V Neg Amt .Income (loss)  
V Pos Amt .Income

\*\*\*\*\*  
\* Source of Income \*  
\* Unemployment Compensation \*  
\*\*\*\*\*

D HINC-UC 1 114 (0:2)  
Recode - Unemployment Compensation Benefits  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HUCVAL 7 115 (0000000:3899961)  
Recode - HHL D income - unemployment  
compensation  
U HINC-UC = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Worker's Compensation \*  
\*\*\*\*\*

D HINC-WC 1 122 (0:2)  
Recode - Workers Compensation  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HWCVAL 7 123 (0000000:3899961)  
Recode - HHL D income - worker's  
compensation  
U HINC-WC = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Social Security \*  
\*\*\*\*\*

D HSS-YN 1 130 (0:2)  
Recode - Social Security payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HSSVAL 7 131 (0000000:1169961)  
Recode - HHL D income - Social Security  
U HSS-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Supplemental Security \*  
\*\*\*\*\*

D HSSI-YN 1 138 (0:2)  
Recode - Supplemental Security benefits  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HSSIIVAL 6 139 (000000:389961)  
Recode - HHL D income - Supplemental  
Security income  
U HSSI-YN = 1  
V 0 .None  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\*\*\*\*\*

\* Public Assistance or Welfare \*

D HPAW-YN 1 145 (0:2)  
Recode - Public Assistance

U H-HHTYPE = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D HPAWVAL 6 146 (000000:779961)  
Recode - HHLD income - Public Assistance  
income

U HPAW-YN = 1

V 000000 .None

V .Dollar amount



\*\*\*\*\*  
\* Source of Income -- Veterans' Benefits \*  
\*\*\*\*\*

D HVET-YN 1 152 (0:2)  
Recode - Veterans' payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HVETVAL 7 153 (0000000:1169961)  
Recode - HHL D income - Veteran payments  
U HVET-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Survivor's Income \*  
\*\*\*\*\*

D HSUR-YN 1 160 (0:2)  
Recode - Survivor Benefits  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HSURVAL 7 161 (0000000:3899961)  
Recode - HHL D income - Survivor income  
U HSUR-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Disability \*  
\*\*\*\*\*

D HDIS-YN 1 168 (0:2)  
Recode - Disability Benefits  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HDISVAL 7 169 (0000000:3899961)  
Recode - HHL D income - Disability income  
U HDIS-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Retirement Income \*  
\*\*\*\*\*

D HRET-YN 1 176 (0:2)  
Recode - Retirement payments

U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No  
  
D HRETVAL 7 177 (0000000:3899961)  
Recode - HHL D income - Retirement income  
U HRET-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Interest \*  
\*\*\*\*\*

D HINT-YN 1 184 (0:2)  
Recode - Interest payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HINTVAL 7 185 (0000000:3899961)  
Recode - HHL D income - Interest income  
U HINT-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Dividends \*  
\*\*\*\*\*

D HDIV-YN 1 192 (0:2)  
Recode - Dividend payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HDIVVAL 7 193 (0000000:3899961)  
Recode - HHL D income - Dividend income  
U HDIV-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Rents \*  
\*\*\*\*\*

D HRNT-YN 1 200 (0:2)  
Recode - Rental payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HRNTVAL 7 201 (-389961:3899961)  
Recode - HHL D income - Rent income  
U HRNT-YN = 1  
V 0000000 .None or not in universe  
V .Negative dollar amount  
V .Positive dollar amount

\*\*\*\*\*  
\* Source of Income -- Education \*  
\*\*\*\*\*

D HED-YN 1 208 (0:2)  
Recode - Educational Assistance benefits  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes

V 2 .No

D HEDVAL 7 209 (0000000:3899961)  
Recode - HHLd income - Education income

U HED-YN = 1

V 000000 .None or not in universe

V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Child Support \*  
\*\*\*\*\*

D HCSP-YN 1 216 (0:2)  
Recode - Child support payments

U H-HHTYPE = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D HCSPVAL 7 217 (0000000:3899961)  
Recode - HHLd income - Child support  
U HCSP-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Alimony \*  
\*\*\*\*\*

D HALM-YN 1 224 (0:2)  
Recode - Alimony payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HALMVAL 7 225 (0000000:3899961)  
Recode - HHLd income - Alimony  
U HALM-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Financial Assistance \*  
\*\*\*\*\*

D HFIN-YN 1 232 (0:2)  
Recode - Financial assistance payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HFINVAL 7 233 (0000000:3899961)  
Recode - HHLd income - Financial  
assistance income  
U HFIN-YN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Other Income \*  
\*\*\*\*\*

D HOI-YN 1 240 (0:2)  
Other income payments  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HOIVAL 7 241 (0000000:3899961)  
Recode - HHLd income - Other income  
U HOI-YN = 1  
V 0000000 .None or not in universe

V                    .Dollar amount

\*\*\*\*\*  
\*    Summary Household Income Recodes                    \*  
\*\*\*\*\*

D HTOTVAL        8     248   (-389961:23399766)  
    Recode - Total household income  
U H-HHTYPE = 1  
V    00000000 .None or not in universe  
V     Neg Amt .Income (loss)  
V     Pos Amt .Income

D HEARNVAL       8     256   (-389961:11699883)  
    Recode - Total household earnings  
U HINC-WS,HINC-SE or HINC-FR = 1  
V    00000000 .None or not in universe  
V     Neg Amt .Income (loss)  
V     Pos Amt .Income

D HOTHVAL        8     264   (-389961:11699883)  
    Other types of income except HEARNVAL  
    Recode - total other household income  
V    00000000 .None or not in universe  
V     Neg Amt .Income (loss)  
V     Pos Amt .Income

D HHINC           2     272   (00:41)  
    Recode - Total household income  
U H-HHTYPE = 1  
V        00 .Not in universe  
V        01 .Under \$2,500  
V        02 . \$2,500 to \$4,999  
V        03 . \$5,000 to \$7,499  
V        04 . \$7,500 to \$9,999  
V        05 . \$10,000 to \$12,499  
V        06 . \$12,500 to \$14,999  
V        07 . \$15,000 to \$17,499  
V        08 . \$17,500 to \$19,999  
V        09 . \$20,000 to \$22,499  
V        10 . \$22,500 to \$24,999  
V        11 . \$25,000 to \$27,499  
V        12 . \$27,500 to \$29,999  
V        13 . \$30,000 to \$32,499  
V        14 . \$32,500 to \$34,999  
V        15 . \$35,000 to \$37,499  
V        16 . \$37,500 to \$39,999  
V        17 . \$40,000 to \$42,499  
V        18 . \$42,500 to \$44,999  
V        19 . \$45,000 to \$47,499  
V        20 . \$47,500 to \$49,999  
V        21 . \$50,000 to \$52,499  
V        22 . \$52,500 to \$54,999  
V        23 . \$55,000 to \$57,499  
V        24 . \$57,500 to \$59,999  
V        25 . \$60,000 to \$62,499  
V        26 . \$62,500 to \$64,999

V 27 . \$65,000 to \$67,499  
V 28 . \$67,500 to \$69,999  
V 29 . \$70,000 to \$72,499  
V 30 . \$72,500 to \$74,999  
V 31 . \$75,000 to \$77,499  
V 32 . \$77,500 to \$79,999  
V 33 . \$80,000 to \$82,499  
V 34 . \$82,500 to \$84,999  
V 35 . \$85,000 to \$87,499  
V 36 . \$87,500 to \$89,999  
V 37 . \$90,000 to \$92,499  
V 38 . \$92,500 to \$94,999  
V 39 . \$95,000 to \$97,499  
V 40 . \$97,500 to \$99,999  
V 41 . \$100,000 and over

\*\*\*\*\*  
\* Edited Health Insurance \*  
\*\*\*\*\*

D HMCARE 1 274 (0:2)  
Anyone in HHL D covered by Medicare  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HMCAID 1 275 (0:2)  
Anyone in HHL D covered by Medicaid  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HCHAMP 1 276 (0:2)  
Champus, VA, or Military health care  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HHI-YN 1 277 (0:2)  
Anyone in HHL D have health insurance  
U H-HHTYPE = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

\*\*\*\*\*  
\* Household Recodes \*  
\*\*\*\*\*

D HHSTATUS 1 278 (0:3)  
Recode - Household status  
U H-TYPE = 1:8  
V 0 .Not in universe (group quarters) .  
V 1 .Primary family  
V 2 .Nonfamily householder living alone  
V 3 .Nonfamily householder living with  
.nonrelatives

D HUNDR18 2 279 (00:39)  
Recode - Number of persons in HHL D  
under age 18  
U H-HHTYPE = 1  
V 00 .None  
V 01-39 .Number persons under 18

D HTOP5PCT 1 281 (0:2)  
Recode - Household income percentiles  
U H-HHTYPE = 1  
V 0 .Not in universe (group  
.quarters) .  
V 1 .In top 5 percent  
V 2 .Not in top 5 percent

D HPCTCUT 2 282 (00:20)  
Recode - HHL D income percentiles -  
national rank  
U H-HHTYPE = 1  
V 00 .Not in universe (group  
.quarters) .  
V 01 .Lowest 5 percent  
V 02 .Second 5 percent  
. . .  
V 20 .Top 5 percent

D FILLER 1 284  
Blank Filler

D INDCCODE 1 285 (0:4)



V 0 .Not individually identified  
.central city  
V 1-4 .See Geographic Appendix E  
.List 3 for MSA

D HSUN 1 286 (1:2)  
Sunbelt recode  
U All households  
V 1 .In sunbelt  
V 2 .Not in sunbelt

\*\*\*\*\*  
\* March Supplement Household Weight \*  
\*\*\*\*\*

D HSUP-WGT 8 287 (00000000:99999999)  
(2 implied decimals)  
U H-HHTYPE = 1

\*\*\*\*\*  
\* Allocation flags for basic CPS \*  
\*\*\*\*\*

D H%TENURE 1 295 (0:4)  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%HHNUM 1 296 (0:8)  
V 0 .No change  
V 2 .Blank to value  
V 8 .Blank to NA - error

D H%LIVQRT 1 297 (0:7)  
V 0 .No change  
V 4 .Allocated  
V 7 .Blank to NA - no error

D FILLER 1 298  
Blank Filler

D H%TELHHD 1 299 (0:4)  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%TELA VL 1 300 (0:4)  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%TELINT 1 301 (0:4)  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

\*\*\*\*\*

\* Allocation flags for supplement \*  
\* household items \*  
\*\*\*\*\*

D I-HCMCAR 1 302 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HCMCEN 1 303 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HCHI 1 304 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HCHINO 1 305 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HCHINR 1 306 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HCHINN 1 307 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HHOTLU 1 308 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HHOTNO 1 309 (0:1)  
V 0 .No change  
V 1 .Allocated

|            |   |            |       |
|------------|---|------------|-------|
| D I-HFLUNC | 1 | 310        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |
|            |   |            |       |
| D I-HFLUNN | 1 | 311        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |
|            |   |            |       |
| D I-HPUBLI | 1 | 312        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |
|            |   |            |       |
| D I-HLOREN | 1 | 313        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |
|            |   |            |       |
| D I-HFOODS | 1 | 314        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |
|            |   |            |       |
| D I-HFDVAL | 1 | 315        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |
|            |   |            |       |
| D I-HFOODN | 1 | 316        | (0:1) |
| V          | 0 | .No change |       |
| V          | 1 | .Allocated |       |

D I-HFOODM 1 317 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HENGAS 1 318 (0:1)  
V 0 .No change  
V 1 .Allocated

D I-HENGVA 1 319 (0:1)  
V 0 .No change  
V 1 .Allocated

D H-IDNUM 12 320  
Household identification number  
U All households

D FILLER 325 332  
Blank Filler

#### FAMILY RECORD

D FRECORD 1 1 (2:2)  
U All families  
V 2 .Family record

D FH-SEQ 5 2 (00001:99999)  
Household sequence number  
U All families  
V 00001-99999.Household sequence number

D FFPOS 2 7 (01:39)  
Unique family identifier  
Same function in household record is  
field HHPOS (00).  
Same function in person record is PPPOS  
(41-79).  
U All families  
V 01-39 .Index for  
.family identifier

D FKIND 1 9 (1:3)  
Kind of family  
U All families  
V 1 .Husband-wife family  
V 2 .Other male head  
V 3 .Other female head

D FTYPE 1 10 (1:5)  
Family type  
U All families  
V 1 .Primary family  
V 2 .Nonfamily householder  
V 3 .Related subfamily  
V 4 .Unrelated subfamily  
V 5 .Secondary individual

D FPERSONS 2 11 (01:39)

Number of persons in family

U All families

V 01-39 .Number of persons

D FHEADIDX 2 13 (01:39)  
Index to person record of family head

U All families

V 01-39 .Index (roster position) for  
.reference person

D FWIFEIDX 2 15 (00:39)  
Index to person record of family wife

U F-KIND = 1

V 00 .No wife

V 01-39 .Index (roster position) for  
.wife

D FHUSBIDX 2 17 (00:39)  
Index to person record of family husband

U F-KIND = 1

V 00 .No husband

V 01-39 .Index (roster position) for  
.husband

D FSPOUIDX 2 19 (00:39)  
Index to person record of family spouse

U F-KIND = 1

V 00 .No spouse

V 01-39 .Index (roster position) for  
.spouse

D FLASTIDX 2 21 (01:39)  
Index to person record of last  
member of family. All persons from  
FHEADIDX thru FLASTIDX are members  
of this family. (Primary family  
includes related subfamily members.)

U All families

V 01-39 .Index (roster position) for  
.last family member

D FMLASIDX 2 23 (01:39)  
Index to person record of last  
member of family. All persons from  
FHEADIDX thru FMLASIDX are  
members of this family. (Primary  
family excludes subfamily members.)

U All families

V 01-39 .Index (roster position) for  
.last family member

D FOWNU6 1 25 (0:6)  
Own children in family under 6

V 0 .None, not in universe

V 1 .1

V 2 .2

...

V            6 .6+

D FILLER        1        26  
Zero filler

D FOWNU18       1        27 (0:9)  
Number of own never married children  
under 18

U All families

V            0 .None, not in universe

V            1 .1

             . . .

V            9 .9 or more

D FRELU6        1        28 (0:6)  
Related persons in family under 6

U All families

V            0 .None, not in universe

V            1 .1

V            2 .2

             . . .

V            6 .6+

D FRELU18       1        29 (0:9)  
Related persons in family under 18

U All families

V            0 .None, not in universe

V            1 .1

V            2 .2

             . . .

V            9 .9+

D FPCTCUT       2        30 (01:20)  
Income percentiles

U All families

V            01 .Lowest 5 percent

V            02 .Second 5 percent

             . . .

V            20 .Top 5 percent

D FPOVCUT       5        32 (00000:35000)  
Low income cutoff dollar amount  
If FTYPE = 3 then value comes from  
primary family

D FAMLIS        1        37 (1:4)  
Ratio of family income to low-income  
level  
If FTYPE = 3 then value comes from  
primary family

V            1 .Below low-income level

V            2 .100 - 124 percent of the low-  
.income level

V            3 .125 - 149 percent of the low-  
.income level

V            4 .150 percent and above the  
.low-income level

D POVLL 2 38 (01:14)  
Ratio of family income to low-income  
level  
If FTYPE = 3 then value comes from  
primary family

V 01 .Under .50  
V 02 ..50 to .74  
V 03 ..75 to .99  
V 04 .1.00 to 1.24  
V 05 .1.25 to 1.49  
V 06 .1.50 to 1.74  
V 07 .1.75 to 1.99  
V 08 .2.00 to 2.49  
V 09 .2.50 to 2.99  
V 10 .3.00 to 3.49  
V 11 .3.50 to 3.99  
V 12 .4.00 to 4.49  
V 13 .4.50 to 4.99  
V 14 .5.00 and over

D FRSPOV 2 40 (00:14)  
Ratio of related subfamily income to  
low-income level (care should be  
exercised when using this data as the  
related subfamilies are a part of the  
primary family and usually their  
poverty status comes from the  
primary family)

U F-TYPE = 3  
V 00 .Not in universe  
V 01 .Under .50  
V 02 ..50 to .74  
V 03 ..75 to .99  
V 04 .1.00 to 1.24  
V 05 .1.25 to 1.49  
V 06 .1.50 to 1.74  
V 07 .1.75 to 1.99  
V 08 .2.00 to 2.49  
V 09 .2.50 to 2.99  
V 10 .3.00 to 3.49  
V 11 .3.50 to 3.99  
V 12 .4.00 to 4.49  
V 13 .4.50 to 4.99  
V 14 .5.00 and over

D FRSPPCT 5 42 (00000:35000)  
Low income cutoff dollar amount of  
related subfamily (care should be  
exercised when using these data as the  
related subfamilies are a part of the  
primary family and usually their poverty  
status comes from the primary family)

U F-TYPE = 3  
V 00000- .Not in related subfamilies  
35000 .

\*\*\*\*\*  
\* Family Income Recipency and Values \*  
\* Source of Income -- Wages and Salaries \*  
\*\*\*\*\*

D FINC-WS 1 47 (1:2)  
Wage and salary  
V 1 .Yes  
V 2 .No

D FWSVAL 7 48 (0000000:3899961)  
Family income - wages and salaries  
U FINC-WS = 1  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Self-employment (nonfarm) \*  
\*\*\*\*\*

D FINC-SE 1 55 (1:2)  
Own business self-employment  
U All families  
V 1 .Yes  
V 2 .No

D FSEVAL 7 56 (-389961:3899961)  
Family income - self employment income  
U FINC-SE = 1  
V 0000000 .None or not in universe  
V Neg Amt .Income (loss)  
V Pos Amt .Income

\*\*\*\*\*  
\* Source of Income \*  
\* Self-employment farm \*  
\*\*\*\*\*

D FINC-FR 1 63 (1:2)  
Farm self-employment  
U All families  
V 1 .Yes  
V 2 .No

D FFRVAL 7 64 (-389961:3899961)  
Family income - Farm income  
U FINC-FR = 1  
V 0000000 .None or not in universe  
V Neg Amt .Income (loss)  
V Pos Amt .Income

\*\*\*\*\*  
\* Source of Income \*  
\* Unemployment Compensation \*  
\*\*\*\*\*

D FINC-UC 1 71 (1:2)



Unemployment compensation  
U All families  
V 1 .Yes  
V 2 .No  
  
D FUCVAL 7 72 (0000000:3899961)  
Family income - Unemployment  
compensation  
U FINC-UC = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Worker's Compensation \*  
\*\*\*\*\*

D FINC-WC 1 79 (1:2)

Worker's compensation

U All families

V 1 .Yes

V 2 .No

D FWCVAL 7 80 (0000000:3899961)

Family income - Worker's compensation

U FINC-WC = 1

V 0000000 .None or not in universe

V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Social Security \*  
\*\*\*\*\*

D FINC-SS 1 87 (1:2)

Social Security Benefits

U All families

V 1 .Yes

V 2 .No

D FSSVAL 7 88 (0000000:1169961)

Family income - Social Security

U FINC-SS = 1

V 0000000 .None or not in universe

V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Supplemental Security \*  
\*\*\*\*\*

D FINC-SSI 1 95 (1:2)

Supplemental Security Benefits

U All families

V 1 .Yes

V 2 .No

D FSSIVAL 6 96 (000000:389961)

Family income - Supplemental Security

Income

U FINC-SSI = 1

V 0 .None

V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Public Assistance or Welfare \*  
\*\*\*\*\*

D FINC-PAW 1 102 (1:2)

Public assistance or welfare benefits

U All families  
V 1 .Yes  
V 2 .No

D FPAWVAL 6 103 (000000:779961)  
Family income - public assistance income  
U FINC-PAW = 1  
V 00000 .None  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Veterans' Benefits \*  
\*\*\*\*\*

D FINC-VET 1 109 (1:2)  
Veterans' Benefits  
U All families  
V 1 .Yes  
V 2 .No

D FVETVAL 7 110 (0000000:1169961)  
Family income - veteran payments  
U FINC-VET = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Survivor's income \*  
\*\*\*\*\*

D FINC-SUR 1 117 (1:2)  
Survivor's payments  
U All families  
V 1 .Yes  
V 2 .No

D FSURVAL 7 118 (0000000:3899961)  
Family income - Survivor income  
U FINC-SUR = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Disability \*  
\*\*\*\*\*

D FINC-DIS 1 125 (1:2)  
Disability payments  
U All families  
V 1 .Yes  
V 2 .No

D FDISVAL 7 126 (0000000:3899961)  
Family income - Disability income  
U FINC-DIS = 1  
V 0000000 .None or not in universe

V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Retirement Income \*  
\*\*\*\*\*

D FINC-RET 1 133 (1:2)  
Retirement payments

U All families  
V 1 .Yes  
V 2 .No

D FRETVAL 7 134 (0000000:3899961)  
Family income - Retirement income

U FINC-RET = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Interest \*  
\*\*\*\*\*

D FINC-INT 1 141 (1:2)  
Interest payments

U All families  
V 1 .Yes  
V 2 .No

D FINTVAL 7 142 (0000000:3899961)  
Family income - Interest income

U FINC-INT = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Dividends \*  
\*\*\*\*\*

D FINC-DIV 1 149 (1:2)  
Dividend payments  
U All families  
V 1 .Yes  
V 2 .No

D FDIIVAL 7 150 (0000000:3899961)  
Family income - Dividend income  
U FINC-DIV = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Rents \*  
\*\*\*\*\*

D FINC-RNT 1 157 (1:2)  
Rental payments  
U All families  
V 1 .Yes  
V 2 .No

D FRNTVAL 7 158 (-389961:3899961)  
Family income - Rental income  
U FINC-RNT = 1  
V 0000000 .None or not in universe  
V .Negative dollar amount  
V .Positive dollar amount

\*\*\*\*\*  
\* Source of Income -- Education \*  
\*\*\*\*\*

D FINC-ED 1 165 (1:2)  
Education benefits  
U All families  
V 1 .Yes  
V 2 .No

D FEDVAL 7 166 (0000000:3899961)  
Family income - Education income  
U FINC-ED = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Child support \*  
\*\*\*\*\*

D FINC-CSP 1 173 (1:2)  
Child support payments  
U All families  
V 1 .Yes

V 2 .No  
D FCSPVAL 7 174 (0000000:3899961)  
Family income - Child support  
U FINC-CSP = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Alimony \*  
\*\*\*\*\*

D FINC-ALM 1 181 (1:2)  
Alimony payments  
U All families  
V 1 .Yes  
V 2 .No

D FALMVAL 7 182 (0000000:3899961)  
Family income - Alimony  
U FINC-ALM = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income \*  
\* Financial Assistance \*  
\*\*\*\*\*

D FINC-FIN 1 189 (1:2)  
Financial assistance payments  
U All families  
V 1 .Yes  
V 2 .No

D FFINVAL 7 190 (0000000:3899961)  
Family income - Financial assistance  
income  
U FINC-FIN = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
\* Source of Income -- Other income \*  
\*\*\*\*\*

D FINC-OI 1 197 (1:2)  
Other income payments  
U All families  
V 1 .Yes  
V 2 .No

D FOIVAL 7 198 (0000000:3899961)  
Family income - Other income  
U FINC=OI = 1  
V 0000000 .None or not in universe  
V .Dollar amount

\*\*\*\*\*  
 \* Family Summary Income Values \*  
 \* and Recodes \*  
 \*\*\*\*\*

D FTOTVAL 8 205 (-389961:23399766)  
 Total family income  
 U All families  
 V 00000000 .None  
 V Neg Amt .Income (loss)  
 V Pos Amt .Income

D FEARNVAL 8 213 (-389961:11699883)  
 Total family earnings  
 U FINC-WS, FINC-SE OR FINC-FR = 1  
 V 00000000 .None  
 V Neg Amt .Income (loss)  
 V Pos Amt .Income

D FOTHVAL 8 221 (-389961:11699883)  
 Total other family income  
 U All other types of income except HEARNVAL  
 V 00000000 .None  
 V Neg Amt .Income (loss)  
 V Pos Amt .Income

D FTOT-R 2 229 (01:41)  
 Total family income recode  
 U All families  
 V 01 .Under \$2,500  
 V 02 .\$2,500 to \$4,999  
 V 03 .\$5,000 to \$7,499  
 V 04 .\$7,500 to \$9,999  
 V 05 .\$10,000 to \$12,499

|   |    |            |          |          |
|---|----|------------|----------|----------|
| V | 06 | .\$12,500  | to       | \$14,999 |
| V | 07 | .\$15,000  | to       | \$17,499 |
| V | 08 | .\$17,500  | to       | \$19,999 |
| V | 09 | .\$20,000  | to       | \$22,499 |
| V | 10 | .\$22,500  | to       | \$24,999 |
| V | 11 | .\$25,000  | to       | \$27,499 |
| V | 12 | .\$27,500  | to       | \$29,999 |
| V | 13 | .\$30,000  | to       | \$32,499 |
| V | 14 | .\$32,500  | to       | \$34,999 |
| V | 15 | .\$35,000  | to       | \$37,499 |
| V | 16 | .\$37,500  | to       | \$39,999 |
| V | 17 | .\$40,000  | to       | \$42,499 |
| V | 18 | .\$42,500  | to       | \$44,999 |
| V | 19 | .\$45,000  | to       | \$47,499 |
| V | 20 | .\$47,500  | to       | \$49,999 |
| V | 21 | .\$50,000  | to       | \$52,499 |
| V | 22 | .\$52,500  | to       | \$54,999 |
| V | 23 | .\$55,000  | to       | \$57,499 |
| V | 24 | .\$57,500  | to       | \$59,999 |
| V | 25 | .\$60,000  | to       | \$62,499 |
| V | 26 | .\$62,500  | to       | \$64,999 |
| V | 27 | .\$65,000  | to       | \$67,499 |
| V | 28 | .\$67,500  | to       | \$69,999 |
| V | 29 | .\$70,000  | to       | \$72,499 |
| V | 30 | .\$72,500  | to       | \$74,999 |
| V | 31 | .\$75,000  | to       | \$77,499 |
| V | 32 | .\$77,500  | to       | \$79,999 |
| V | 33 | .\$80,000  | to       | \$82,499 |
| V | 34 | .\$82,500  | to       | \$84,999 |
| V | 35 | .\$85,000  | to       | \$87,499 |
| V | 36 | .\$87,500  | to       | \$89,999 |
| V | 37 | .\$90,000  | to       | \$92,499 |
| V | 38 | .\$92,500  | to       | \$94,999 |
| V | 39 | .\$95,000  | to       | \$97,499 |
| V | 40 | .\$97,500  | to       | \$99,999 |
| V | 41 | .\$100,000 | and over |          |



D FSPANISH 1 231 (1:2)  
Reference person or spouse of Spanish  
origin  
U All families  
V 1 .Yes  
V 2 .No

D FILLER 1 232  
Blank Filler

\*\*\*\*\*  
\* March Supplement Family Weight \*

D FSUP-WGT 8 233 (00000000:99999999)  
Householder or reference person weight  
(2 implied decimal)  
U All families  
V 000000- .(2 implied decimal places)  
999999 .

D FFPOSOLD 2 241  
Trailer portion of unique household ID.  
00 for HH record. Same function in  
Family record is field FFPOSOLD  
(41-79). Same function in Person  
record is PPPOSOLD (01-39)  
U All families

D FILLER 414 243  
Blank Filler

PERSON RECORD

D PRECORD 1 1 (3:3)  
U All persons  
V 3 .Person record

D PH-SEQ 5 2 (00001:99999)  
Household sequence number  
U All persons  
V 00001-99999.Household sequence number

D PPPOS 2 7 (41:79)  
Trailer portion of unique household ID.  
00 Household record. Same function in  
Family record is field FFPOS (01-39).  
Same function in Person record is PPPOS  
(41-79)

\*\*\*\*\*  
\* Edited adult control card items \*

D A-LINENO 2 9 (01:39)  
Item 18A - Line number  
U All persons

V 01-39 .Line number

D A-PARENT 2 11 (00:39)  
Item 18C - Parent's line number

U All persons

V 00 .None

V 01-39 .Parent's line number

D A-EXPRRP 2 13 (01:14)  
Expanded relationship code

U All persons

V 01 .Reference person with relatives

V 02 .Reference person without  
relatives

V 03 .Husband

V 04 .Wife

V 05 .Natural/adopted child

V 06 .Step child

V 07 .Grandchild

V 08 .Parent

V 09 .Brother/sister

V 10 .Other relative

V 11 .Foster child

V 12 .Nonrelative with relatives

V 13 .Partner/roommate

V 14 .Nonrelative without relatives

D A-AGE 2 15 (00:90)  
Item 18D - Age

U All persons

V 00-90 .Years of age and over

D A-MARITL 1 17 (1:7)  
Item 18E - Marital status

U All persons

V 1 .Married - civilian spouse  
present

V 2 .Married - af spouse present

V 3 .Married - spouse absent (exc  
separated)

V 4 .Widowed

V 5 .Divorced

V 6 .Separated

V 7 .Never married

D A-SPOUSE 2 18 (00:39)  
Item 18F - Spouse's line number

U All persons

00 .None or children

V 01-39 .Spouse's line number

D A-SEX 1 20 (1:2)  
Item 18G - Sex

U All persons

V 1 .Male

V 2 .Female

D A-VET 1 21 (0:6)  
Veteran Status  
V 0 .Children or Armed Forces  
U All persons  
V 1 .Vietnam  
V 2 .Korean war  
V 3 .World war II  
V 4 .World war I  
V 5 .Other service  
V 6 .Nonveteran

D A-HGA 2 22 (00:18)  
Item 18H - Highest grade attended  
U All persons  
V 00 .None , kindergarten or children  
V 01 .E1  
V 02 .E2  
V 03 .E3  
V 04 .E4  
V 05 .E5  
V 06 .E6  
V 07 .E7  
V 08 .E8  
V 09 .H1  
V 10 .H2  
V 11 .H3  
V 12 .H4  
V 13 .C1  
V 14 .C2  
V 15 .C3  
V 16 .C4  
V 17 .C5  
V 18 .C6+

D A-HGC 1 24 (0:2)  
Item 18I - Grade completed  
U All persons  
V 0 .Children  
V 1 .Yes  
V 2 .No

D A-RACE 1 25 (1:5)  
Item 18J - Race  
U All persons  
V 1 .White  
V 2 .Black  
V 3 .Amer Indian, Aleut Eskimo  
V 4 .Asian or Pacific Islander  
V 5 .Other

\*\*\*\*\*  
\* Person Recodes \*  
\*\*\*\*\*

D P-STAT 1 26 (1:3)  
Status of person identifier

U All persons

- V 1 .Civilian 15+
- V 2 .Armed forces
- V 3 .Children 0 - 14

D A-REORGN 2 27 (01:10)  
Item 18K - Origin

U All persons

- V 01 .Mexican American
- V 02 .Chicano
- V 03 .Mexican (Mexicano)
- V 04 .Puerto Rican
- V 05 .Cuban
- V 06 .Central or South American
- V 07 .Other Spanish
- V 08 .All other
- V 09 .Don't know
- V 10 .NA

D A-FAMNUM 2 29 (00:19)  
Family number

U All persons

- V 00 .Not a family member
- V 01 .Primary family member only
- V 02-19 .Subfamily member

D A-FAMTYP 1 31 (1:5)  
Family type

U All persons

- V 1 .Primary family
- V 2 .Nonfamily householder
- V 3 .Related subfamily
- V 4 .Unrelated subfamily
- V 5 .Secondary individual

D A-FAMREL 1 32 (0:4)  
Family relationship

U All persons

- V 0 .Not a family member
- V 1 .Reference person
- V 2 .Spouse
- V 3 .Child
- V 4 .Other relative (primary family  
and unrelated subfamily only)

D A-PFREL 1 33 (0:5)  
Primary family relationship

U All persons

- V 0 .Not in primary family
- V 1 .Husband
- V 2 .Wife

V           3 .Own child  
V           4 .Other relative  
V           5 .Unmarried reference person

D HHDREL       1       34 (1:8)  
    Detailed household summary  
    in household

U All persons

V           1 .Householder  
V           2 .Spouse of householder  
    Child of householder:  
V           3 .Under 18 years, single  
            .(never married)  
V           4 .Under 18 years, ever married  
V           5 .18 years and over  
    Other householder  
V           6 .Other relative of householder  
V           7 .Nonrelative of householder  
    In group quarters:  
V           8 .Secondary individual

D FAMREL       2       35 (01:11)  
    Family relationship - primary and  
    unrelated subfamily only

U All persons

V           01 .Reference person of family  
V           02 .Spouse of reference person  
    Child of reference person  
V           03 .Under 18 years, single  
            .(never married)  
V           04 .Under 18 years, ever married  
V           05 .18 years and over  
    Grandchild of reference person  
V           06 .Grandchild of reference person  
    Other relative in family of reference  
    person  
V           07 .Under 18 years, single  
            .(never married)  
V           08 .Under 18 years, ever married  
V           09 .18 years and over  
    Not in a family - Unrelated individual  
V           10 .Nonfamily householder  
V           11 .Secondary individual

D HHDFMX       2       37 (01:51)  
    Detailed household and family status  
    in household  
    In primary family

U All persons

V           01 .Householder  
V           02 .Spouse of householder  
    Child of householder  
    Under 18, single (never married)  
V           03 .Reference person of subfamily  
V           04 .Not in a subfamily  
    Under 18, ever-married  
V           05 .Reference person of subfamily

V           06 .Spouse of subfamily reference  
              .person  
V           07 .Not in a subfamily  
18 years and over, single (never  
married)  
V           08 .Reference person of a subfamily  
V           09 .Not in a subfamily  
18 years and over, ever-married  
V           10 .Reference person of subfamily  
V           11 .Spouse of subfamily reference  
              .person  
V           12 .Not in a subfamily  
Stepchild of householder  
Under 18, single (never married)  
V           13 .Reference person of subfamily  
V           14 .Not in a subfamily  
Under 18, ever-married  
V           15 .Reference person of subfamily  
V           16 .Spouse of subfamily reference  
              .person  
V           17 .Not in a subfamily  
18 years and over, single (never  
married)  
V           18 .Reference person of  
              .a subfamily  
V           19 .Not in a subfamily  
18 years and over, ever-married  
V           20 .Reference person of subfamily  
V           21 .Spouse of subfamily reference  
              .person  
V           22 .Not in a subfamily

Grandchild of householder  
Under 18, single (never married)  
V 23 .Reference person of subfamily  
V 24 .Child of a subfamily reference  
.person  
V 25 .Not in a subfamily  
Under 18, ever-married  
V 26 .Reference person of subfamily  
V 27 .Spouse of subfamily reference  
.person  
V 28 .Not used  
V 29 .Not in a subfamily  
18 years and over, single (never  
married)  
V 30 .Reference person of a subfamily  
V 31 .Not in a subfamily  
18 years and over, ever-married  
V 32 .Reference person of subfamily  
V 33 .Spouse of subfamily reference  
.person  
V 34 .Not in a subfamily  
Other relative of householder  
Under 18, single (never married)  
V 35 .Reference person of subfamily  
V 36 .Child of subfamily reference  
.person  
V 37 .Not in a subfamily  
Under 18, ever married  
V 38 .Reference person of subfamily  
V 39 .Spouse of subfamily reference  
.person  
V 40 .Not in a subfamily  
18 years and over, single (never  
married)  
V 41 .Reference person of a subfamily  
V 42 .Not in a subfamily  
18 years and over, ever-married  
V 43 .Reference person of subfamily  
V 44 .Spouse of subfamily reference  
.person  
V 45 .Not in a subfamily  
In unrelated subfamily  
V 46 .Reference person of unrelated  
.subfamily  
V 47 .Spouse of unrelated subfamily  
.reference person  
Child less than or equal to 18, single (never-married) of  
unrelated subfamily  
V 48 .Reference person  
V 49 .Nonfamily householder  
V 50 .Secondary individual  
V 51 .In group quarters: secondary  
.individuals

D PARENT 1 39 (0:4)  
Family members under 18 (excludes  
reference person and spouse if under 18)

V 0 .Not in universe  
V .presence of parents  
V 1 .Both parents present  
V 2 .Mother only present  
V 3 .Father only present  
V 4 .Neither parent present

D AGE1 2 40 (00:17)  
Age recode - Persons 15+ years

V 00 .Not in universe  
V 01 .15 years  
V 02 .16 and 17 years  
V 03 .18 and 19 years  
V 04 .20 and 21 years  
V 05 .22 to 24 years  
V 06 .25 to 29 years  
V 07 .30 to 34 years  
V 08 .35 to 39 years  
V 09 .40 to 44 years  
V 10 .45 to 49 years  
V 11 .50 to 54 years  
V 12 .55 to 59 years  
V 13 .60 to 61 years  
V 14 .62 to 64 years  
V 15 .65 to 69 years  
V 16 .70 to 74 years  
V 17 .75 years and over

D SCHL1 2 42 (00:10)  
Years of school completed

V 00 .Not in universe  
V 01 .None - did not finish E1  
V 02 .Elementary 1-4  
V 03 .5-7  
V 04 .8  
V 05 .High school 1-3  
V 06 .4  
V 07 .College 1-3  
V 08 .4  
V 09 .5  
V 10 .6+

D PHF-SEQ 2 44 (01:39)  
Pointer to the sequence number of own  
family record in household.  
(Related subfamily members point to  
related subfamily record.)

U All persons

D PF-SEQ 2 46 (01:39)  
Pointer to the sequence number of  
family record in household.  
(Related subfamilies point to  
primary family.)

U All persons

D PRNT-PTR 2 48 (01:39)



Sequence number of parent in HHLID

\*\*\*\*\*  
\* Basic CPS Weighs \*

D A-FNLWGT 8 50 (00000000:99999999)  
Final weight (2 implied decimal places)  
U All persons  
V 00000000 .Supplemental spanish sample  
V 00000001 - .March basic sample  
V 99999999 .

D A-ERNLWT 8 58 (00000000:99999999)  
Earnings/not in labor force weight  
U H-MIS = 4 or 8  
V 00000000 .Not in universe or children  
.and Armed Forces  
V 00000001- .(2 implied decimal places)  
V 99999999 .

\*\*\*\*\*  
\* March Supplement Person Weights \*

D MARSUPWT 8 66 (00000000:99999999)  
March supplement final weight (2 implied  
decimal places)  
U All persons  
V 000000- .(2 implied  
999999 .decimal places)

\*\*\*\*\*  
\* Edited Labor Force Items \*  
\*\*\*\*\*

D A-MAJACT 1 74 (0:8)  
Item 19 - What was ... doing most of  
last week

U All persons  
V 0 .Children or Armed Forces  
V 1 .Working  
V 2 .With job but not at work  
V 3 .Looking for work  
V 4 .Keeping house  
V 5 .Going to school  
V 6 .Unable to work  
V 7 .Retired  
V 8 .Other

D A-ANYWK 1 75 (0:2)  
Item 20 - Did ... do any work at all  
last week, not counting work around  
the house

U A-MAJACT (I-19) = 2,3,4,5,7,8 (NE 1,6)  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Yes  
V 2 .No

D A-HRS1 2 76 (00:99)  
Item 20A - How many hrs did ... work  
last week at all jobs

U A-MAJACT (I-19) = 1  
or A-ANYWK (I-20) = yes  
V 00 .Not in universe or children  
.or Armed Forces  
V 01:99 .Number of hrs

D A-HRSCHK 1 78 (0:3)  
Item 20B - Interviewer check of itm 20A

U Same as A-HRS1 (I-20A)  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .49+  
V 2 .1-34  
V 3 .35-48

D A-USLFT 1 79 (0:2)  
Item 20C - Does ... usually work 35 hrs  
or more a week at this job (part 1)

U A-HRSCHK (I-20B) = 2  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Yes  
V 2 .No

D A-FTREAS 2 80 (00:15)  
Item 20C - What is the reason ...

(worked/usually works) less than  
35 hours (last week/a week)

U H-HRSCHK (I-20B) = 2

- V 00 .Not in universe or children  
.or Armed Forces
- V 01 .Slack work
- V 02 .Material shortage
- V 03 .Plant or machine repair
- V 04 .New job started during week
- V 05 .Job terminated during week
- V 06 .Could find only part time  
.work
- V 07 .Holiday
- V 08 .Labor dispute
- V 09 .Bad weather
- V 10 .Own illness
- V 11 .On vacation
- V 12 .Too busy with house, school,  
.etc.
- V 13 .Did not want full time work
- V 14 .Full-time work weeks less  
.than or equal to 35 hrs
- V 15 .Other

D A-LOSTIM 1 82 (0:2)

Item 20D - Did ... lose any time or take  
any time off last week for any reason  
such as illness, holiday or slack work

U A-HRSCHK (I-20B) = 3

- V 0 .Not in universe or children  
.or Armed Forces
- V 1 .Yes
- V 2 .No

D A-OVRTIM 1 83 (0:2)

Item 20E - Did ... work any overtime  
or at more than one job last week

U A-LOSTIM (I-20D) = 2

- V 0 .Not in universe or children  
.and Armed Forces
- V 1 .Yes
- V 2 .No

D A-JOBABS 1 84 (0:2)

Item 21 - Did ... have a job or  
business from which he/she was  
temporarily absent or on layoff last  
week

U A-ANYWK (I-20) = 2

- V 0 .Not in universe or children  
.or Armed Forces
- V 1 .Yes
- V 2 .No

D A-WHYABS 1 85 (0:8)

Item 21A - Why was ... absent from work  
last week

U A-JOBABS (I-21) = 1  
V 0 .Not in universe or children  
    .or Armed Forces  
V 1 .Own illness  
V 2 .On vacation  
V 3 .Bad weather  
V 4 .Labor dispute  
V 5 .New job to begin within 30 days  
V 6 .Temporary layoff (under 30  
    .days)  
V 7 .Indefinite layoff (30 days  
    .or more)  
V 8 .Other

D A-PAYABS 1 86 (0:3)  
    Item 21B - Is ... receiving wages or  
    salary for any of the time off last  
    week

U A-WHYABS (I-21A) = 1-4, 8  
V 0 .Not in universe or children  
    .or Armed Forces  
V 1 .Yes  
V 2 .No  
V 3 .Self-employed

D A-FTABS 1 87 (0:2)  
    Item 21C - Does ... usually work  
    35 hours or more a week at this job

U A-WHYABS (I-21A) = 1-4, 8  
V 0 .Not in universe or children  
    .or Armed Forces  
V 1 .Yes  
V 2 .No

D A-LKWK 1 88 (0:2)  
Item 22 - Has ... been looking for  
work during the past 4 weeks  
U A-JOBABS (I-21) = 2  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Yes  
V 2 .No

\*\*\*\*\*  
\* Item 22A - What has ... been doing in \*  
\* the last 4 weeks to find work \*  
\* Method use - multiple entries possible \*  
\*\*\*\*\*

D A-MTHD1 1 89 (0:1)  
Checked with public employment agency  
U A-LKWK (I-22) = 1  
V 0 .Not in universe or children  
.or Armed Forces or no entry  
V 1 .Entry

D A-MTHD2 1 90 (0:1)  
Checked with private employment agency  
U A-LKWK (I-22) = 1  
V 0 .Not in universe or children  
.or Armed Forces or no entry  
V 1 .Entry

D A-MTHD3 1 91 (0:1)  
Checked with employer directly  
U A-LKWK (I-22) = 1  
V 0 .Not in universe or children  
.or Armed Forces or no entry  
V 1 .Entry

D A-MTHD4 1 92 (0:1)  
Checked with friends or relatives  
U A-LKWK (I-22) = 1  
V 0 .Not in universe or children  
.or Armed Forces or no entry  
V 1 .Entry

D A-MTHD5 1 93 (0:1)  
Placed or answered ads  
U A-LKWK (I-22) = 1  
V 0 .Not in universe or children  
.or Armed Forces or no entry  
V 1 .Entry

D A-MTHD6 1 94 (0:1)  
Nothing  
U A-LKWK (I-22) = 1  
V 0 .Not in universe or children  
.or Armed Forces or no entry  
V 1 .Entry

D A-MTHD7 1 95 (0:1)  
 Other  
 U A-LKWK (I-22) = 1  
 V 0 .Not in universe or children  
 .and Armed Forces  
 V 1 .Entry

D A-WHYLK 1 96 (0:7)  
 Item 22B - Why did ... start looking  
 for work was it because ...  
 U A-LKWK (I-22) = 1  
 or A-WHYABS (I-21A) = 5  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .Lost job  
 V 2 .Quit job  
 V 3 .Left school  
 V 4 .Wanted temporary work  
 V 5 .Change in home or family  
 .responsibilities  
 V 6 .Left military service  
 V 7 .Other

D A-WKSLK 2 97 (00:99)  
 Item 22C -  
 1) How many weeks has ... been  
 looking for work  
 2) How many weeks ago did ...start  
 looking  
 3) How many weeks ago was ...laid off  
 U A-WHYLK (I-22B) = entry or  
 A-WHYABS (I-21A) = 6 or 7  
 V 00 .Not in universe or children  
 .or Armed Forces  
 V 01-99 .Entry

D A-LKFTPT 1 99 (0:2)  
 Item 22D - Has ... been looking for  
 full-time or or part-time work  
 U Same as A-WKSLK (I-22C)  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .Full-time  
 V 2 .Part-time

D A-AVAIL 1 100 (0:2)  
 Item 22E1 - Could ... have taken a  
 job if one had been offered  
 U Same as A-WKSLK (I-22C)  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .Yes  
 V 2 .No

D A-WHYNA 1 101 (0:4)  
 Item 22E2- Why not  
 U A-AVAIL (I-22E1) = 2

V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Already has a job  
V 2 .Temporary illness  
V 3 .Going to school  
V 4 .Other

D A-WHENLJ 1 102 (0:5)  
Item 22F - When did ... last work  
at a full-time job or business lasting  
2 consecutive weeks or more

U Same as A-WKSLK (I-22C)

V 0 .Not in universe or children  
.or Armed Forces  
V 1 .In last 12 months  
V 2 .1-5 years ago  
V 3 .More than 5 years ago  
V 4 .Never worked full time  
.2 weeks or more  
V 5 .Never worked at all

\*\*\*\*\*  
\* See Industry and Occupation Code \*  
\* Appendix for list of legal codes \*  
\*\*\*\*\*

D A-IND 3 103 (000:991)  
Item 23B - Industry  
U A-CLSWKR = 1-7  
V 000 .Old not in universe or children  
.and Armed Forces  
V 010-991 .See Industry Code Appendix A1  
V .for list of legal codes.

D A-OCC 3 106 (000:905)  
Item 23C - Occupation  
U A-CLSWKR = 1-7  
V 000 .Old not in universe or children  
.and Armed Forces  
V 003-905 .See Occupation Code  
V .Appendix B1 for list of  
V .legal codes.

D A-CLSWKR 1 109 (0:8)  
Item 23E - Class of worker  
U A-LFSR = 1-3 or A-LFSR = 4-7;  
and A-NLFROT = 2 and A-NLFLJ = 1-5  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Private  
V 2 .Federal government  
V 3 .State government  
V 4 .Local government  
V 5 .Self-employed-incorporated  
V 6 .Self-employed-not incorporated  
V 7 .Without pay  
V 8 .Never worked

D PPOSOLD 2 110 (01:39)  
Trailer portion of unique household ID  
00 for HH Record. Same function in  
Family Record is filed FFPOSOLD (41-79)  
Same function in Person Record is  
PPOSOLD (01-39)

D A-NLFLJ 1 112 (0:7)  
Item 24A - When did ... last work for  
pay at a regular job or business, either  
full-time or part-time  
U A-NLFROT (I-24) = 2  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Within past 12 months  
V 2 .1 up to 2 years ago  
V 3 .2 up to 3 years ago  
V 4 .3 up to 4 years ago  
V 5 .4 up to 5 years ago  
V 6 .5 or more years ago  
V 7 .Never worked

D A-WHYLFT 1 113 (0:8)  
Item 24B - Why did ... leave that job  
U A-NLFLJ (I-24A) = 1-5  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Personal, family or school  
V 2 .Health  
V 3 .Retirement or old age  
V 4 .Seasonal job completed  
V 5 .Slack work or business  
.conditions



V           6 .Temporary nonseasonal job  
              .completed  
V           7 .Unsatisfactory work  
              .arrangements  
V           8 .Other

D A-WANTJB    1     114   (0:4)  
              Item 24C - Does ... want a regular job  
              now, either full or part-time

U A-NLFROT   (I-24) = 2

V           0 .Not in universe or children  
              .or Armed Forces

V           1 .Yes  
V           2 .Maybe-it depends  
V           3 .No  
V           4 .Don't know

\*\*\*\*\*  
 \* Item 24D - What are the reasons ... is \*  
 \* not looking for work (multiple entries \*  
 \* possible) \*  
 \* (For A-WHYNL1-9 and A-WHYNLA-B) \*  
 \*\*\*\*\*

D A-WHYNL1 1 115 (0:1)  
 Believes no work available  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL2 1 116 (0:1)  
 Couldn't find any work  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL3 1 117 (0:1)  
 Lacks necessary schooling, etc.  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL4 1 118 (0:1)  
 Employers think too young or too old  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL5 1 119 (0:1)  
 Other personal handicap in finding job  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL6 1 120 (0:1)  
 Can't arrange child care  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL7 1 121 (0:1)  
 Family responsibilities  
 U A-WANTJOB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNL8 1 122 (0:1)

In school or other training

U A-WANTJB (I-24C) = 1 or 2

V 0 .Not in universe or children  
.or Armed Forces or no entry

V 1 .Entry

D A-WHYNL9 1 123 (0:1)

Ill health

U A-WANTJB (I-24C) = 1 or 2

V 0 .Not in universe or children  
.or Armed Forces or no entry

V 1 .Entry

D A-WHYNLA 1 124 (0:1)  
 Other

U A-WANTJB (I-24C) = 1 or 2  
 V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-WHYNLB 1 125 (0:1)  
 Don't know

V 0 .Not in universe or children  
 .or Armed Forces or no entry  
 V 1 .Entry

D A-INTEND 1 126 (0:4)  
 Item 24E - Does ... intend to look for  
 work of any kind in the next 12 months

U A-NLFROT (I-24) = 2  
 V 0 .Not in universe or children  
 .and Armed Forces  
 V 1 .Yes  
 V 2 .It depends  
 V 3 .No  
 V 4 .Don't know

D FILLER 1 127  
 Blank Filler

\*\*\*\*\*  
 \* Edited Earnings Items \*

D A-USLHRS 2 128 (00:99)  
 Item 25A - How many hrs per week  
 does ... usually work at this job

U A-EARNRT (I-25) = 2  
 V 00 .None, not in universe or  
 .children or Armed Forces  
 V 01-99 .Entry

D A-HRLYWK 1 130 (0:2)  
 Item 25B - is ... paid by the hour on  
 this job

U A-EARNRT (I-25) = 2  
 V 0 .Not in universe or children  
 .and Armed Forces  
 V 1 .Yes  
 V 2 .No

D A-HRSPAY 4 131 (0000:9999)  
 Item 25C  
 How much does ... earn per hour

U A-HRLYWK (I-25B) = 1  
 V 0000 .Not in universe or children  
 .or Armed Forces  
 V 0001-9999 .Entry (2 implied decimal  
 .places)

D A-GRSWK 4 135 (0000:1923)  
 Item 25D - How much does ... usually  
 earn per week at this job  
 before deductions?  
 For hourly workers, subject to  
 topcoding, the higher of either the  
 amount of item 25A times item 25C or  
 the actual item 25D entry will be  
 present.

U A-EARNRT (I-25) = 2  
 V 0000 .Not in universe or children  
 .or Armed Forces  
 V 0001-1923 .Entry

D A-UNMEM 1 139 (0:2)  
 Item 25E - On this job, is ... a  
 member of a labor union or of an  
 employee association similar to a union

U A-EARNRT (I-25) = 2  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .Yes  
 V 2 .No

D A-UNCOV 1 140 (0:2)  
 Item 25F - On this job, is ... covered  
 by a union or employee association  
 contract

U A-UNMEM (I-25E) = 2  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .Yes  
 V 2 .No

D A-ENRCHK 1 141 (0:2)  
 Item 26 - Interviewer check item

U All persons  
 V 0 .Children or Armed Forces  
 V 1 .This person is 16-24 years of age  
 V 2 .All others

D A-ENRLW 1 142 (0:2)  
 Item 26A1 - Last week was ... attending  
 or enrolled in a high school, college  
 or university

U A-ENRCHK (I-26) = 1  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .Yes  
 V 2 .No

D A-HSCOL 1 143 (0:2)  
 Item 26A2

U A-ENRLW (I-26A1) = 1  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .High school



D A-UNTYPE 1 146 (0:5)  
Reason for unemployment

U A-LFSR = 3 or 4

V 0 .Not in universe or children  
.or Armed Forces

V 1 .Job loser - on layoff

V 2 .Other job loser

V 3 .Job leaver

V 4 .Re-entrant

V 5 .New entrant

D A-NLFREA 2 147 (00:11)  
Current activity/reason not looking  
for work

U LFSR = 5, 6 or 7 and MIS = 4 or 8

V 00 .Not in universe or children  
.or Armed Forces

V 01 .School

V 02 .Ill, disabled

V 03 .Keeping house

V 04 .Retired or old age

V 05 .No desire

V 06 .Employers think too young  
.or old

V 07 .Lacks education or training

V 08 .Other personal reason

V 09 .Could not find work

V 10 .Thinks no job available

V 11 .Other

D A-WKSTAT 1 149 (0:7)  
Full/part-time status

U All persons

V 0 .Children or Armed Forces

V 1 .Not in labor force

V 2 .Full-time schedules

V 3 .Part-time for economic  
.reasons, usually full-time

V 4 .Part-time for non-economic  
.reasons, usually part-time

V 5 .Part-time for economic reasons,  
.usually part-time

V 6 .Unemployed full-time

V 7 .Unemployed part- time

D A-EXPLF 1 150 (0:2)  
Experienced labor force employment  
status

U A-COW NE 8

V 0 .Not in experienced labor force

V 1 .Employed

V 2 .Unemployed

D A-WKSCH 1 151 (0:4)  
Labor force by time worked or lost

U All

V 0 .Not in universe

V 1 .At work  
 V 2 .With job, not at work  
 V 3 .Unemployed, seeks full-time  
 V 4 .Unemployed, seeks part-time

D A-CIVLF 1 152 (0:1)  
 Civilian labor force  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .In universe

D A-FTLF 1 153 (0:1)  
 Full-time labor force  
 U Full-time  
 V 0 .Not in universe or children  
 .or Armed Forces  
 V 1 .In universe

D FILLER 1 154  
 Blank Filler

D A-MJIND 2 155 (00:23)  
 Major industry code  
 U A-CLSWKR = 1-7  
 V 00 .Not in universe or children  
 V 01 .Agriculture  
 V 02 .Mining  
 V 03 .Construction  
 Manufacturing  
 V 04 .Manufacturing-durable goods  
 V 05 .Manufacturing-nondurable goods  
 Transportation,communications,and other  
 public utilities  
 V 06 .Transportation  
 V 07 .Communications  
 V 08 .Utilities and sanitary services  
 Wholesale and retail trade  
 V 09 .Wholesale trade  
 V 10 .Retail trade  
 V 11 .Finance,insurance and real  
 .estate  
 Services (12-20)  
 V 12 .Private household  
 Miscellaneous services  
 V 13 .Business and repair  
 V 14 .Personal services, except  
 .private household  
 V 15 .Entertainment  
 Professional and related services  
 V 16 .Hospital  
 V 17 .Medical, except hospital  
 V 18 .Educational  
 V 19 .Social services  
 V 20 .Other professional  
 V 21 .Forestry and fisheries  
 V 22 .Public administration  
 V 23 .Armed Forces



D A-DTIND 2 157 (00:51)  
Detailed industry recode  
See Appendix A2 for list of legal codes  
U A-CLSWKR = 1-7  
V 00 .Not in universe or children  
.or Armed Forces

D A-MJOCC 2 159 (00:15)  
Major occupation code  
U A-CLSWKR = 1-7  
V 00 .Not in universe or children  
.or Armed Forces  
Managerial and professional  
V 01 .Executive, admin. and managerial  
V 02 .Professional specialty  
Technical, sales and admin. support  
V 03 .Technicians and related support  
V 04 .Sales  
V 05 .Administrative support, incl.  
.clerical  
Service  
V 06 .Private household  
V 07 .Protective service  
V 08 .Other service  
V 09 .Precision production, craft and  
.repair  
Operators, fabricators and laborers  
V 10 .Machine operators, assemblers and  
.inspectors  
V 11 .Transportation and material moving  
V 12 .Handlers, equip. cleaners, etc.  
V 13 .Farming, forestry and fishing  
V 14 .Armed Forces  
V 15 .No previous experience - never  
.worked

D A-DTOCC 2 161 (00:46)  
Detailed occupation recode  
See Appendix B2 for list of legal codes  
U A-CLSWKR = 1-7  
V 00 .Not in universe for children  
.or Armed Forces

D A-ERNEL 1 163 (0:1)  
Earnings eligibility flag  
U All persons  
V 0 .Not earnings eligible  
V 1 .Earnings eligible

D A-RCOW 1 164 (0:7)  
Class of worker recode  
U All persons  
V 0 .Not in universe or children  
.or Armed Forces  
V 1 .Private  
V 2 .Federal

V 3 .State  
V 4 .Local  
V 5 .Self-employment-  
.unincorporated  
V 6 .Without pay  
V 7 .Never worked

\*\*\*\*\*  
\* The following items are from the March \*  
\* supplement 665 questionnaire \*  
\* Edited work experience items - \*  
\* all persons 15+ years \*  
\*\*\*\*\*

D WORKYN 1 165 (0:2)  
Item 29A  
Did ... work at a job or business at any  
time during 19..

U All persons  
0 .Not in universe or children  
V 1 .Yes  
V 2 .No

D WTEMP 1 166 (0:2)  
Item 29B  
Did ... do any temporary, part-time,  
or seasonal work even for a few days  
during 19..

U WORKYN = 2  
V 0 .Not in universe or children  
V 1 .Yes  
V 2 .No

D NWLOOK 1 167 (0:2)  
Item 30  
Even though ... did not work in 19..  
did spend any time trying to find  
a job or on layoff

U WTEMP = 2  
V 0 .Not in universe or children  
V 1 .Yes  
V 2 .No

D NWLKWK 2 168 (00:52)  
Item 31  
How many different weeks was ... looking  
for work or on layoff

U WTEMP = 2  
V 00 .Not in universe or children  
V 01 .1 week  
...  
V 52 .52 weeks

D RSNNOTW 1 170 (0:6)  
 Item 32  
 What was the main reason ... did not  
 work in 19..

U WTEMP = 2

V 0 .Not in universe  
 V 1 .Ill or disabled  
 V 2 .Retired  
 V 3 .Taking care of home or family  
 V 4 .Going to school  
 V 5 .Could not find work  
 V 6 .Other

D WKSWORK 2 171 (00:52)  
 Item 33  
 During 19.. in how many weeks did ...  
 work even for a few hours?  
 Include paid vacation and sick leave  
 as work

U WORKYN = 1 or WTEMP = 1

V 00 .Not in universe  
 V 01 .1 week  
 ...  
 V 52 .52 weeks

D WKCHECK 1 173 (0:3)  
 Item 34  
 Interviewer check item - number of  
 weeks in item 33 is

U WKSWORK = 1+

V 0 .Not in universe  
 V 1 .1-49 weeks  
 V 2 .50-51 weeks  
 V 3 .52 weeks

D LOSEWKS 1 174 (0:2)  
 Item 35  
 Did ... lose any full weeks of work in  
 19.. because was on layoff  
 from a job or lost a job

U WKSWORK = 50, 51

V 0 .Not in universe  
 V 1 .Yes  
 V 2 .No

D LKNONE 1 175 (0:1)  
 Item 36  
 You said... worked about (entry in  
 item 33) weeks in 19..  
 How many of the remaining (52 minus  
 entry in item 33) weeks was ... looking  
 for work or on layoff from a job

U WKSWORK = 1-49

V 0 .Not in universe  
 V 1 .No weeks looking for work  
 .or on layoff

D LKWEEKS        2     176   (00:51)  
    Item 36  
    How many weeks was ... looking for  
    work or on layoff from a job  
U WKSWORK = 1-49  
V            00 .Not in universe  
V            01 .01 weeks  
            ...  
V            51 .51 weeks

D LKSTRCH 1 178 (0:3)  
 Item 37  
 Were the (entry in item 36) weeks ...  
 was looking for work (or on layoff)  
 all in one stretch

U Entry in LKWEEKS

V 0 .Not in universe  
 V 1 .Yes, 1 stretch  
 V 2 .No, 2 stretches  
 V 3 .No, 3 plus stretches

D PYRSN 1 179 (0:6)  
 Item 38  
 What was the main reason ... was not  
 working or looking for work in the  
 remaining weeks of 19..

U Sum of entries in WKSWORK and LKWEEKS  
 add to a number less  
 than 52

V 0 .Not in universe  
 V 1 .Ill or disabled  
 V 2 .Taking care of home  
 V 3 .Going to school  
 V 4 .Retired  
 V 5 .No work available  
 V 6 .Other

D PHMEMPRS 1 180 (0:3)  
 Item 39  
 For how many employers did ... work  
 in 19..? If more than one at same  
 time, only count it as one employer

U WKSWORK = 1+

V 0 .Not in universe  
 V 1 .1 employer  
 V 2 .2  
 V 3 .3 plus

D HRSWK 2 181 (00:99)  
 Item 40  
 In the weeks that ... worked how may  
 hours did ... usually work per week

U WKSWORK = 1+

V 00 .Not in universe  
 V 01 .1 hour  
 ...  
 V 99 .99 hours plus

D HRCHECK 1 183 (0:2)  
 Item 41  
 Interviewer check item - number  
 of hours in item 41 is

U WKSWORK = 1+

V 0 .Not in universe  
 V 1 .Part-time (1-34)  
 V 2 .Full-time (35+)

D PTYN 1 184 (0:2)  
 Item 42  
 Did ... work less than 35 hours for  
 at least one week in 19..?  
 Exclude time off with pay because of  
 holidays, vacation, days off, or  
 sickness

U HRCHECK = 1  
 V 0 .Not in universe  
 V 1 .Yes  
 V 2 .No

D PTWEEKS 2 185 (00:52)  
 Item 43  
 How many weeks did ... work less  
 than 35 hours in 19..

U PTYN = 1  
 V 00 .Not in universe  
 V 01 .1 week  
 ...  
 V 52 .52 weeks

D PTRSN 1 187 (0:4)  
 Item 44  
 What was the main reason ... worked  
 less than 35 hours per week

U PTYN = 1  
 V 0 .Not in universe  
 V 1 .Could only find part time job  
 V 2 .Wanted part time  
 V 3 .Slack work  
 V 4 .Other

D FILLER 1 188  
 Blank Filler

D LJCW 1 189 (0:7)  
 Item 46E  
 Class of worker

U WKSWORK = 1+  
 V 0 .Not in universe  
 V 1 .Private  
 V 2 .Federal  
 V 3 .State  
 V 4 .Local  
 V 5 .Self-employed incorporated, yes  
 V 6 .Self-employed incorporated, no  
 .or farm  
 V 7 .Without pay

D INDUSTRY 3 190 (000:991)  
 Item 46B  
 Industry of longest job  
 See Industry Code Appendix A1 for list  
 of legal codes

U WKSWORK = 1+  
 V 000 .Not in universe

V 010-991 .Industry code

D OCCUP 3 193 (000:905)  
 Item 46C  
 Occupation of longest job  
 See Industry Code Appendix B1 for list  
 of legal codes

U WKSWORK = 1+

V 000 .Not in universe or children

V 003-905 .Occupation code

\*\*\*\*\*  
 \* Work Experience Recodes \*  
 \*\*\*\*\*

D WEXP 2 196 (00:13)  
 Recode - Worker/nonworker recode -  
 full/part-time worker

U WKSWORK = 1+

V 00 .Not in universe  
 Worked full-time

V 01 .50 to 52 weeks  
 V 02 .48 to 49 weeks  
 V 03 .40 to 47 weeks  
 V 04 .27 to 39 weeks  
 V 05 .14 to 26 weeks  
 V 06 .13 weeks or less

Worked part-time

V 07 .50 to 52 weeks  
 V 08 .48 to 49 weeks  
 V 09 .40 to 47 weeks  
 V 10 .27 to 39 weeks  
 V 11 .14 to 26 weeks  
 V 12 .13 weeks or less  
 V 13 .Nonworker

D WEWKRS 1 198 (0:5)  
 Recode - Worker/nonworker recode -  
 weeks worked last year

V 0 .Not in universe  
 Full year worker

V 1 .Full-time  
 V 2 .Part-time

Part year worker

V 3 .Full-time  
 V 4 .Part-time  
 V 5 .Nonworker

D WELKNW 1 199 (0:7)  
 Recode - Worker/nonworker recode -  
 weeks looking for nonworkers

V 0 .Children  
 V 1 .None (not looking for work)  
 V 2 .1 to 4 weeks looking  
 V 3 .5 to 14 weeks looking  
 V 4 .15 to 26 weeks looking  
 V 5 .27 to 39 weeks looking

V           6 .40 or more weeks looking  
V           7 .Workers

D WEUEMP       1     200   (0:9)  
    Recode - Worker/nonworker recode -  
    part year worker weeks looking

V           0 .Not in universe  
V           1 .None  
V           2 .1 to 4 weeks  
V           3 .5 to 10 weeks  
V           4 .11 to 14 weeks  
V           5 .15 to 26 weeks  
V           6 .27 to 39 weeks  
V           7 .40 or more weeks  
V           8 .Full year worker  
V           9 .Nonworker

D EARNER       1     201   (0:2)  
    Recode - Earner status of longest job

U PEARNVAL NE 0  
V           0 .Not in universe  
V           1 .Earner  
V           2 .Nonearner

D CLWK         1     202   (0:5)  
    Recode - Longest job class of  
    worker recode     .

U WKSWORK = 1+  
V           0 .Not in universe  
V           1 .Private (includes self-  
              .employment, inc.)  
V           2 .Government  
V           3 .Self-employed  
V           4 .Without pay  
V           5 .Never worked

D WECLW        1     203   (0:9)  
    Recode - Longest job class of worker

U WKSWORK = 1+  
V           0 .Not in universe  
    Agriculture  
V           1 .Wage and salary  
V           2 .Self-employed  
V           3 .Unpaid  
    Nonagriculture  
V           4 .Private household  
V           5 .Other private  
V           6 .Government  
V           7 .Self-employed  
V           8 .Unpaid  
V           9 .Never worked



D POCU2        2     204   (00:53)  
 Recode - Occupation of longest job  
 by detailed groups  
 U WKSWORK = 1  
 V            00 .Children  
 Managerial and professional specialty  
 occupations  
 Executive, administrative, and  
 managerial occupations  
 V            01 .Officials and administrators,  
               .public administration  
 Managers and administrators  
 except public administration  
 V            03 .Salaried  
 V            04 .Self-employed  
 V            05 .Management related occupations  
 V            06 .Accountants and auditors  
 Professional specialty occupations  
 V            07 .Engineers: Architects, and  
 V                .surveyors  
 V            08 .Engineers  
 V            09 .Natural scientists and  
               .mathematicians  
 V            10 .Computer systems analysts and  
               .scientists  
 V            11 .Health diagnosing occupations  
 V            12 .Physicians and dentists  
 V            13 .Health assessment and treating  
               .occupations  
 V            14 .Teachers, librarians, and  
               .counselors  
 V            15 .Teachers, except postsecondary  
 V            16 .Other professional specialty  
               .occupations  
 Technical: sales, and administrative  
 support occupations  
 V            17 .Health technologists and  
               .technicians  
 V            18 .Engineering and science  
               .technicians  
 V            19 .Technicians, except health,  
               .engineering, and science  
               .Sales occupations  
 V            20 .Supervisors and proprietors,  
 Sales occupations  
 V            21 .Sales representatives,  
               .commodities and finance  
 V            22 .Other sales occupations  
 Administrative support occupations,  
 including clerical  
 V            23 .Computer equipment operators  
 V            24 .Secretaries, stenographers,  
               .and typists  
 V            25 .Financial records processing  
               .occupations  
 V            26 .Other administrative support  
               .occupations, including clerical

Service occupations  
V 27 .Private household occupations  
V 28 .Service occupations, except  
.protective and household  
V 29 .Food services occupations  
V 30 .Health service occupations  
V 31 .Cleaning and building service  
.occupations  
V 32 .Personal service occupations  
Farming, forestry, and fishing occupations  
V 33 .Farm operators and managers  
V 34 .Farm occupations, except  
.managerial  
V 35 .Related agricultural occupations  
V 36 .Forestry and fishing occupations

Precision production: craft, and repair occupations

V        37 .Mechanics and repairers

V        38 .Construction trades and  
          .extractive occupations

V        39 .Carpenters

Precision production occupations

V        40 .Supervisors, production  
          .occupations

V        41 .Precision metal working  
          .occupations

V        42 .Other precision production  
          .occupations

Operators, fabricators, and laborers  
machine operators, assemblers, and  
inspectors

V        43 .Machine operators and tenders  
          .except precision

V        44 .Fabricators, assemblers, and  
          .hand working occupations

V        45 .Production inspectors, testers,  
          .samplers, and weighers

V        46 .Transportation occupations

V        47 .Material moving equipment  
          .operators

Handlers, equipment cleaners,  
helpers and laborers

V        48 .Construction laborers

V        49 .Freight, stock and material  
          .handlers

V        50 .Other specified handlers,  
          .equipment cleaners and helpers

V        51 .Laborers, except construction

V        52 .Armed Forces - currently  
          .civilian

V        53 .Never worked

D WEMOCC        2        206    (00:15)  
      Recode - Occupation of longest job  
      by major groups

U WKSWORK = 1+

V        00 .Children Forces

Managerial and professional specialty  
occupations

V        01 .Executive, administrative, and  
          .managerial occupations

V        02 .Professional specialty  
          .occupations

Technical, sales, and administrative  
support occupations

V        03 .Technicians and related  
          .support occupations

V        04 .Sales occupations

V        05 .Administrative support  
          .occupations, including clerical  
          .service occupations

V        06 .Private household occupations

V 07 .Protective service occupations  
V 08 .Service occupations, except  
.household and protective  
V 09 .Farming, forestry, and fishing  
.occupations  
V 10 .Precision production: craft,  
.and repair occupations  
Operators, fabricators, and laborers  
V 11 .Machine operators, assemblers,  
.and inspectors  
V 12 .Transportation and material  
.moving occupations  
V 13 .Handlers, equipment cleaners,  
.helpers, and laborers  
V 14 .Armed Forces - currently  
.civilian  
V 15 .Never worked

D WEIND 2 208 (00:47)  
Recode - Industry of longest job by  
detailed groups

U WKSWORK = 1+

V 00 .Children  
V 01 .Agriculture  
V 02 .Mining  
V 03 .Construction  
Manufacturing  
Durable goods  
V 04 .Lumber and wood products,  
.except furniture  
V 05 .Furniture and fixtures  
V 06 .Stone, clay, glass, concrete  
.products  
Metal industries  
V 07 .Primary metals  
V 08 .Fabricated metals  
V 09 .Not specified metal industries  
V 10 .Machinery, except electrical  
V 11 .Electrical machinery,  
.equipment, supplies  
Transportation equipment  
V 12 .Motor vehicles and equipment  
Other transportation equipment  
V 13 .Aircraft and parts  
V 14 .Other transportation equipment  
V 15 .Professional and photo  
.equipment, watches  
V 16 .Toys, amusements, and sporting  
.goods  
V 17 .Miscellaneous and not specified  
.manufacturing, industry  
Nondurable goods  
V 18 .Food and kindred products  
V 19 .Tobacco manufactures  
V 20 .Textile mill products  
V 21 .Apparel and other finished  
.textile products

V 22 .Paper and allied products  
 V 23 .Printing, publishing, and  
     .allied industry  
 V 24 .Chemicals and allied products  
 V 25 .Petroleum and coal products  
 V 26 .Rubber and miscellaneous  
     .plastics products  
 V 27 .Leather and leather products  
 Transportation: communications, and  
 other public utilities  
 V 28 .Transportation  
 Communication and other public utilities  
 V 29 .Communication  
 V 30 .Utilities and sanitary services  
 Wholesale and retail trade  
 V 31 .Wholesale trade  
 V 32 .Retail trade  
 Finance, insurance, and real estate  
 V 33 .Banking and other finance  
 V 34 .Insurance and real estate  
 Service  
 V 35 .Private household  
 Miscellaneous services  
 Business and repair services  
 V 36 .Business services  
 V 37 .Repair services  
 V 38 .Personal service except  
     .private household  
 V 39 .Entertainment and recreation  
     .services

Professional and related services

- V 40 .Hospitals
- V 41 .Health services, except  
.hospitals
- V 42 .Educational services
- V 43 .Social services
- V 44 .Other professional services
- V 45 .Forestry and fisheries
- V 46 .Public administration
- V 47 .Never worked

D WEMIND 2 210 (00:15)  
Recode - Industry of longest job by  
major industry group

U WKSWORK = 1+ WORKYN=1 (1991)

- V 00 .Not in universe
- V 01 .Agriculture, forestry, and  
.fisheries
- V 02 .Mining
- V 03 .Construction  
Manufacturing
- V 04 .Durable goods
- V 05 .Nondurable goods
- V 06 .Transportation, communications  
.and public utilities  
Wholesale and retail trade
- V 07 .Wholesale trade
- V 08 .Retail trade
- V 09 .Finance, insurance, and  
.real estate
- V 10 .Business and repair services  
Personal services
- V 11 .Personal services, including  
.private households
- V 12 .Entertainment and recreation  
.services
- V 13 .Professional and related  
.services
- V 14 .Public administration
- V 15 .Never worked

D FILLER2 2 212  
Blank Filler

\*\*\*\*\*  
\* Edited Migration Items \*  
\* Persons 1+ Years \*  
\*\*\*\*\*

D MIGSAME 1 214 (0:2)  
Item 54  
Was ... living in this house 1 year ago

- V 0 .Not in universe under 1 years  
.old
- V 1 .Yes
- V 2 .No

D GRIN-REG 1 215 (0:5)  
Recode - Region of previous residence  
U MIGSAME = 2  
V 0 .Not in universe under 1 year  
.old/nonmover  
V 1 .Northeast  
.Maine  
.New Hampshire  
.Vermont  
.Massachusetts  
.Rhode Island  
.Connecticut  
.New York  
.New Jersey  
.Pennsylvania  
V 2 .Midwest  
.Ohio  
.Indiana  
.Illinois  
.Michigan  
.Wisconsin  
.Minnesota  
.Iowa  
.Missouri  
.North Dakota  
.South Dakota  
.Nebraska  
.Kansas  
V 3 .South  
.Delaware  
.Maryland  
.District of Columbia  
.Virginia  
.West Virginia  
.North Carolina  
.South Carolina  
.Georgia  
.Florida  
.Kentucky  
.Tennessee  
.Alabama  
.Mississippi  
.Arkansas  
.Louisiana  
.Oklahoma  
.Texas  
V 4 .West  
.Montana  
.Idaho  
.Wyoming  
.Colorado  
.New Mexico  
.Arizona  
.Utah  
.Nevada  
.Washington  
.Oregon

```
                .California
                .Alaska
                .Hawaii
V              5 .Abroad

D GRIN-ST      2    216 (00:56)
  Recode - FIPS State Code from the
  Grin file
U MIGSAME = 2
V          00 .Not in universe, nonmover
V          01 .Alabama
V          02 .Alaska
V          04 .Arizona
V          05 .Arkansas
V          06 .California
V          08 .Colorado
V          09 .Connecticut
V          10 .Delaware
V          11 .District of Columbia
V          12 .Florida
V          13 .Georgia
V          15 .Hawaii
V          16 .Idaho
V          17 .Illinois
V          18 .Indiana
V          19 .Iowa
V          20 .Kansas
V          21 .Kentucky
V          22 .Louisiana
V          23 .Maine
V          24 .Maryland
V          25 .Massachusetts
V          26 .Michigan
```



V 27 .Minnesota  
V 28 .Mississippi  
V 29 .Missouri  
V 30 .Montana  
V 31 .Nebraska  
V 32 .Nevada  
V 33 .New Hampshire  
V 34 .New Jersey  
V 35 .New Mexico  
V 36 .New York  
V 37 .North Carolina  
V 38 .North Dakota  
V 39 .Ohio  
V 40 .Oklahoma  
V 41 .Oregon  
V 42 .Pennsylvania  
V 44 .Rhode Island  
V 45 .South Carolina  
V 46 .South Dakota  
V 47 .Tennessee  
V 48 .Texas  
V 49 .Utah  
V 50 .Vermont  
V 51 .Virginia  
V 53 .Washington  
V 54 .West Virginia  
V 55 .Wisconsin  
V 56 .Wyoming  
V 96 .Abroad

\*\*\*\*\*  
\* Migration Recodes \*  
\*\*\*\*\*

D MIG-MTR1 2 218 (01:09)  
Migration recode  
U MIGSAME = 2  
V 01 .Nonmover  
V 02 .MSA to MSA  
V 03 .MSA to nonMSA  
V 04 .NonMSA to MSA  
V 05 .NonMSA to nonMSA  
V 06 .Abroad to MSA  
V 07 .Abroad to nonMSA  
V 08 .Not in universe  
.(children under 1 year old)  
V 09 .Not identifiable

D MIG-MTR3 1 220 (1:9)  
Migration recode  
U MIGSAME = 2  
V 1 .Nonmover  
V 2 .Same county  
V 3 .Different county, same state  
V 4 .Different state, same division  
V 5 .Different division, same region  
V 6 .Different region

V 7 .Abroad  
V 8 .Not in universe (children  
.under 1 yr old)  
V 9 .Not identifiable

D MIG-MTR4 2 221 (01:10)  
Migration recode

U MIGSAME = 2  
V 01 .Nonmover  
V 02 .Same county  
V 03 .Different county, same state  
V 04 .Different state in Northeast  
V 05 .Different state in Midwest  
V 06 .Different state in South  
V 07 .Different state in West  
V 08 .Abroad  
V 09 .Not in universe (children  
.under 1 year old)  
V 10 .Not identifiable

D MIGSUN 1 223 (1:3)  
Migration recode  
Previous residence in sunbelt

North Carolina  
South Carolina  
Georgia  
Florida  
Alabama  
Mississippi  
Louisiana  
Tennessee  
Arkansas  
Oklahoma  
Texas  
New Mexico  
Arizona  
Nevada  
Clark county only  
California (if in the following  
counties: Imperial, Kern,  
Los Angeles, Orange, Riverside,  
San Bernardino, San Diego,  
Santa Barbara, and Ventura)

U MIGSAME = 2  
V 1 .Yes  
V 2 .No  
V 3 .Not in universe  
. (children less than 1 or  
.nonmover)

D GRN-PLAC 1 224 (0:4)  
Item 55A  
Metropolitan statistical area status  
description of residence last year

U MIGSAME = 2  
V 0 .Not in universe, nonmover  
V 1 .MSA

V 2 .Non MSA  
V 3 .Abroad  
4 .Not identifiable

D PLACDSCP 1 225 (0:5)  
Item 55A  
Place description of residence last year

U MIGSAME = 2  
V 0 .Not in universe, nonmover  
V 1 .Central city  
V 2 .MSA/PMSA balance  
V 3 .Non MSA/PMSA  
V 4 .Abroad  
V 5 .Not identifiable

D NOEMP 1 226 (0:5)  
Item 47  
At this job about how many people  
were employed by ...'s employer at  
the location where ... worked?

V 0 .Not in universe  
V 1 .Under 25  
V 2 .25 - 99  
V 3 .100 - 499  
V 4 .500 - 999  
V 5 .1000+

\*\*\*\*\*  
\* Source of Income - Earnings \*  
\* Items 48A through 49B - \*  
\* Persons 15+ years \*  
\*\*\*\*\*

\*\*\*\*\*  
\* Edited and Allocated Income Fields - \*  
\*\*\*\*\*

D ERN-YN 1 227 (0:2)  
Earnings from longest job recode  
Earnings from employer or net earnings  
from business/ farm after expenses from  
longest job during 19..  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D ERN-VAL 6 228 (-9999:99999)  
Item 48A and B  
How much did ... earn from this  
employer before deductions in 19..  
What was ... net earnings from this  
business/ farm after expenses  
during 19..  
U ERN-YN = 1  
V 00000 .None or not in universe  
V-9999-99999 .Wages and self-employment

D ERN-SRCE 1 234 (0:4)  
Earnings recode  
Source of earnings from longest job.  
U ERN-YN = 1  
V 0 .Not in universe  
V 1 .Wage and salary  
V 2 .Self-employment  
V 3 .Farm self-employment  
V 4 .Without pay

D ERN-OTR 1 235 (0:2)  
Item 49A  
Did ... earn money from other work  
he/she did during 19..  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D WAGEOTR 1 236 (0:2)  
Item 49B  
Other wage and salary earnings  
U ERN-OTR = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D WS-VAL 5 237 (00000:99999)  
Item 49B  
Other wage and salary earnings  
U ERN-OTR =1  
V 00000 .None or not in universe  
V 00001- .Wage and salary  
99999 .

D WSAL-YN 1 242 (0:2)  
Recode  
Any wage and salary earnings in  
ERN-YN or WAGEOTR  
U ERN-YN = 1 or WAGEOTR = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D WSAL-VAL 6 243 (000000:199998)  
Recode - Total wage and salary earnings  
(Combined amounts in ERN-VAL, if  
ERN-SRCE=1, and WS-VAL  
U ERN-YN = 1 or WAGEOTR = 1  
V 000000 .None or not in universe  
V 000001-.Wage and salary  
199998 .

D SEOTR 1 249 (0:2)  
Item 49B  
Other work - Own business  
self-employment  
U ERN-OTR = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D SE-VAL 5 250 (-9999:99999)  
Item 49B  
Other work - own business  
self-employment earnings  
U ERN-OTR = 1  
V 00000 .None or not in universe  
V -9999-99999.Own business self employment

D SEMP-YN 1 255 (0:2)  
Recode - Any own business  
self-employment in ERN-YN or SEOTR  
U ERN-YN = 1 or SEOTR = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D SEMP-VAL 6 256 (-9999:199998)  
Total own business self-employment  
earnings (Combined amounts in ERN-VAL,  
if ERN-SRCE=2, and SE-VAL)  
U ERN-YN =1 or SEOTR = 1  
V 000000 .None or not in universe  
V -9999- .Own business self employment  
V 199998 .

D FRMOTR 1 262 (0:2)  
Item 49B  
Farm self-employment  
U ERN-OTR = 1

V           0 .Not in universe  
 V           1 .Yes  
 V           2 .No

D FRM-VAL       5     263 (-9999:99999)  
     Item 49B  
     Farm self-employment earnings  
 U ERN-OTR = 1  
 V       00000 .None or not in universe  
 V       -9999- .Farm self-employment  
        99999 .

D FRSE-YN       1     268 (0:2)  
     Any own farm self-employment in  
     ERN-YN or FRMOTR  
 U ERN-YN = 1 or FRMOTR = 1  
 V       0 .Not in universe  
 V       1 .Yes  
 V       2 .No

D FRSE-VAL       6     269 (-9999:199998)  
     Recode - Total amount of farm  
     self-employment earnings  
     (Combined amounts in ERN-VAL, if  
     ERN-SRCE=3, and FRM-VAL  
 U ERN-YN = 1 or FRMOTR = 1  
 V       000000 .None or not in universe  
 V       -9999- .Farm self employment  
 V       199998 .

\*\*\*\*\*  
\* Source of Income \*  
\* Unemployment Compensation \*  
\*\*\*\*\*

D UC-YN 1 275 (0:2)  
Item 52A  
At any time during 19.. did ... receive  
any state or federal unemployment  
compensation  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D SUBUC 1 276 (0:2)  
Item 52A  
At any time during 19.. did ... receive  
any supplemental unemployment benefits  
U UC-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D STRKUC 1 277 (0:2)  
Item 52A  
At any time during 19.. did ... receive  
any union unemployment or strike benefits  
U UC-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D UC-VAL 5 278 (00000:99999)  
Item 52B  
How much did ... receive in unemployment  
benefits during 19..  
U UC-YN = 1  
V 00000 .None or not in universe  
V 00001- .Unemployment compensation  
V 99999.

\*\*\*\*\*  
\* Source of Income - Worker's Compensation \*  
\*\*\*\*\*

D WC-YN 1 283 (0:2)  
Item 53A  
During 19.. did ... receive any  
worker's compensation payments or  
other payments as a result of a  
job related injury or illness  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D WC-TYPE 1 284 (0:4)  
Item 53B

What was source of these payments

U WC-YN = 1

V 0 .Not in universe  
V 1 .State workers compensation  
V 2 .Employer or employers insurance  
V 3 .Own insurance  
V 4 .Other

D WC-VAL 5 285 (00000:99999)

Item 53C

How much compensation did ... receive  
during 19..

U WC-YN = 1

V 00000 .None or not in universe  
V 00001- .Worker's compensation  
V 99999 .



\*\*\*\*\*  
\* Source of Income \*  
\* Social Security Income \*  
\*\*\*\*\*

D SS-YN 1 290 (0:2)

Item 56B

Did ... receive S.S.

U HSS-YN = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D SS-VAL 5 291 (00000:29999)

Item 56C

How much did ... receive in Social  
Security payments during 19..

U SS-YN = 1

V 00000 .None or not in universe

V 00001-

V 29999 .Social Security

\*\*\*\*\*  
\* Source of Income \*  
\* Supplemental Security Income \*  
\*\*\*\*\*

D SSI-YN 1 296 (0:2)

Item 57B

Did ... receive SSI

U HSSI-YN = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D SSI-VAL 4 297 (0000:9999)

Item 57C

How much did ... receive in supplemental  
security income during 19..

U SSI-YN = 1

V 0000 .None or not in universe

V 0001-9999 .Supplemental security income

\*\*\*\*\*  
\* Source of Income \*  
\* Public Assistance or Welfare \*  
\*\*\*\*\*

D PAW-YN 1 301 (0:2)

Item 59B

Did ... receive public assistance

U HPAW-YN = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D PAW-TYP 1 302 (0:3)

Item 59C

Did ... receive AFDC or some other type of assistance

U PAW-YN = 1  
 V 0 .Not in universe  
 V 1 .AFCD (ADC)  
 V 2 .Other  
 V 3 .Both

D PAW-MON 2 303 (00:12)

Item 59D

In how many months of 19.. did ... receive public assistance payment

U PAW-YN = 1  
 V 00 .Not in universe  
 V 01 .One  
 ...  
 V 12 .Twelve

D PAW-VAL 5 305 (00000:19999)

Item 59E

How much did ... receive in public assistance or welfare during 19..

U PAW-YN = 1  
 V 00000 .None or not in universe  
 V 00001- .Public assistance income 19999 .

\*\*\*\*\*  
 \* Source of Income \*  
 \* Veterans' Administration Benefits \*  
 \*\*\*\*\*

D VET-YN 1 310 (0:2)

Item 60B

Did ... receive veterans' payments

U HVET-YN = 1  
 V 0 .Not in universe  
 V 1 .Yes  
 V 2 .No

\*\*\*\*\*  
 \* VET-TYP1 throught VET-TYP5 \*  
 \* What type of veterans payments \*  
 \* did .... receive \*  
 \*\*\*\*\*

D VET-TYP1 1 311 (0:2)

Item 60C

Disability Compensation

U VET-YN = 1  
 V 0 .Not in universe  
 V 1 .Yes  
 V 2 .No

D VET-TYP2 1 312 (0:2)

Item 60C

Survivor Benefits

U VET-YN = 1  
V           0 .Not in universe  
V           1 .Yes  
V           2 .No

D VET-TYP3     1     313   (0:2)  
    Item 60C  
    Veterans' Pension

U VET-YN = 1  
V           0 .Not in universe  
V           1 .Yes  
V           2 .No

D VET-TYP4     1     314   (0:2)  
    Item 60C  
    Education assistance

U VET-YN = 1  
V           0 .Not in universe  
V           1 .Yes  
V           2 .No

D VET-TYP5     1     315   (0:2)  
    Item 60C  
    Other Veterans' payments

U VET-YN = 1  
V           0 .Not in universe  
V           1 .Yes  
V           2 .No

D VET-QVA 1 316 (0:2)  
Item 60D  
Is ... required to fill out an  
annual income questionnaire for  
the Veterans' Administration  
U VET-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D VET-VAL 5 317 (00000:29999)  
Item 60E  
How much did ... receive from  
Veteran's Administration during 19..  
U VET-YN = 1  
V 00000 .None or not in universe  
V 1-29999 = Veterans' payments

\*\*\*\*\*  
\* Source of Income -- Survivor's Income \*  
\*\*\*\*\*

D SUR-YN 1 322 (0:2)  
Item 61B  
Other than Social Security or  
VA benefits did ... receive and income  
in 19.. from survivor or widow's  
pensions, estates, trusts, annuities  
or any other survivors benefits  
U HSUR-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D SUR-SC1 2 323 (00:10)  
Item 61C  
What was the source of this income  
Survivor's income - source 1  
U SUR-YN = 1  
V 00 .None or not in universe  
V 01 .Company or union survivor  
.pension  
V 02 .Federal government  
V 03 .US Military Retirement  
.survivor pension  
V 04 .State or local gov't survivor  
.pension  
V 05 .US Railroad Retirement  
.survivor pension  
V 06 .Worker's Compensation survivor  
V 07 .Not used  
V 08 .Regular payments from estates  
.or trusts  
V 09 .Regular payments from annuities or  
.paid-up life insurance  
V 10 .Other or don't know

D SUR-SC2 2 325 (00:10)  
Item 61D  
Any other pension or retirement income  
Survivor's income - source 2  
(See source types in SUR-SC1 above)  
U SUR-YN = 1

D SUR-VAL1 5 327 (00000:99999)  
Item 61E  
How much did ... receive from source 1  
(See SUR-SC1) during 19..  
Survivor's income - source 1  
U SUR-YN = 1  
V 00000 .None or not in universe  
V 00001-  
V 99999 .Survivor's income - source 1

D SUR-VAL2 5 332 (00000:99999)  
Item 61G  
How much did ... receive from source 2  
(See SUR-SC2) during 19..  
Survivor's income - source 2  
U SUR-SC2 = 1+  
V 00000 .None or not in universe  
V 00001-  
V 99999 .Survivor's income - source 1

D SRVS-VAL 6 337 (000000:199998)  
Recode total amount of survivor's  
income received  
(Combined amounts in SUR-VAL1 and  
SUR-VAL2)  
V 000000 .None or not in universe  
V 000001- .Survivor's income  
199998 .

\*\*\*\*\*  
\* Source of Income -- Disability Income \*  
\*\*\*\*\*

D DIS-HP 1 343 (0:2)  
Item 62B  
Does ... have a health problem or a  
disability which prevents him/her from  
working or which limits the kind or  
amount of work  
U HDIS-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D DIS-CS 1 344 (0:2)  
Item 62C  
Did ... retire or leave a job for  
health reasons  
U HDIS-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D DIS-YN 1 345 (0:2)  
Item 64B  
Other than social security or  
VA benefits did ... receive  
any income in 19.. as a result of  
health problems  
U DIS-HP = 1 or DIS-CS = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D DIS-SC1 2 346 (00:10)  
Item 64C  
What was the source of income

disability income - source 1

U DIS-YN = 1

V 00 .Not in universe  
V 01 .Worker's compensation  
V 02 .Company or union disability  
V 03 .Federal government disability  
V 04 .US Military Retirement Disability  
V 05 .State or local gov't employee  
.disability  
V 06 .US Railroad Retirement Disability  
V 07 .Accident or disability insurance  
V 08 .Not used  
V 09 .Not used  
V 10 .Other or don't know

D DIS-SC2 2 348 (00:10)  
Item 64C  
Any other disability income  
Disability income - source 2  
(see DIS-SC1 for sources of disability)  
U DIS-YN = 1

D DIS-VAL1 5 350 (00000:99999)  
Item 64E  
How much did ... receive from source 1  
(See DIS-SC1) during 19..  
U DIS-SC1 = 1+  
V 00000 .None or not in universe  
V 00001- .Disability income  
99999 .

D DIS-VAL2 5 355 (00000:99999)  
Item 64G  
How much did ... receive from source 2  
(See DIS-SC2) during 19..  
U DIS-SC2 = 1+  
V 00000 .None or not in universe  
V 00001- .Disability income  
99999 .

D DSAB-VAL 6 360 (000000:199998)  
Recode total amount of disability  
income received (Combined amounts in  
DIS-VAL1 and DIS-VAL2)  
V 000000 .None or not in universe  
V 000001- .Disability income  
199998 .

\*\*\*\*\*  
\* Source of Income -- Retirement Income \*  
\*\*\*\*\*

D RET-YN 1 366 (0:2)  
Item 65B  
Other than Social Security or VA  
benefits, did ... receive  
any pension or retirement income  
U HRET-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D RET-SC1 1 367 (0:8)  
Item 65C  
What was the source of retirement  
income  
Retirement income - source 1  
U RET-YN = 1  
V 0 .None or not in universe  
V 1 .Company or union pension  
V 2 .Federal government retirement  
V 3 .US military retirement



- V           4 .State or local government  
            .retirement
- V           5 .US Railroad Retirement
- V           6 .Regular payments from annuities  
            .or paid insurance policies
- V           7 .Regular payments from IRA or  
            .KEOGH accounts
- V           8 .Other sources or don't know

D RET-SC2       1     368   (0:8)  
  Item 65C  
  Any other retirement income  
  Retirement income - source 2  
  (see RET-SC1 for sources of  
  retirement)

U RET-YN = 1

D RET-VAL1 5 369 (00000:99999)  
Item 65E  
How much did ... receive from source  
type 1 (see RET-SC1) during 19..  
U RET-SC1 = 1+  
V 00000 .None or not in universe  
V 00001- .Retirement income  
99999 .

D RET-VAL2 5 374 (00000:99999)  
Item 65G  
How much did ... receive from  
source type 2 (see RET-SC1) during 19..  
U RET-SC2 = 1+  
V 00000 .None or not in universe  
V 00001-99999 = retirement income

D RTM-VAL 6 379 (000000:199998)  
Recode total amount of retirement  
income received (combined amounts in  
RET-VAL1 and RET-VAL2)  
V 000000 .None or not in universe  
V 000001- .Retirement income  
199998 .

\*\*\*\*\*  
\* Source of Income -- Interest Income \*  
\*\*\*\*\*

D INT-YN 1 385 (0:2)  
Item 66B  
Did ... receive Interest  
U HINT-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D INT-VAL 5 386 (00000:99999)  
Item 66C  
How much did ... receive in interest  
from these sources during 19..  
including small amounts credited to  
accounts  
U INT-YN = 1  
V 000000 .None or not in universe  
V 00001- .Interest income  
99999 .

\*\*\*\*\*  
\* Source of Income -- Dividends Income \*  
\*\*\*\*\*

D DIV-YN 1 391 (0:2)  
Item 67B  
Did ... receive dividends  
U HDIV-YN = 1  
V 0 .Not in universe

V 1 .Yes  
V 2 .No

D DIV-NON 1 392 (0:1)

Item 67C

No dividends received

U DIV-YN = 1

V 0 .Not in universe

V 1 .None

D DIV-VAL 5 393 (00000:99999)

Item 67C

How much did ... receive in dividends  
from stocks (mutual funds) during 19..

U DIV-YN = 1

V 00000 .None or not in universe

V 00001- .Dividends  
99999 .

\*\*\*\*\*  
\* Source of Income -- Rent Income \*  
\*\*\*\*\*

D RNT-YN 1 398 (0:2)

Item 68B

Did ... receive rental income

U HRNT-YN = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D RNT-VAL 5 399 (-9999:99999)

Item 68C

How much did ... receive in income  
from rent after expenses during 19..

U RNT-YN = 1

V 00000 .None or not in universe

V -9999- .Rental income  
99999 .

\*\*\*\*\*  
\* Source of Income \*  
\* Education Assistance \*  
\*\*\*\*\*

D ED-YN 1 404 (0:2)

Item 69C

Did ... receive educational assistance

U HED-YN = 1

V 0 .Not in universe

V 1 .Yes

V 2 .No

D OED-TYP1 1 405 (0:2)

Item 69D(1) and (2)

Source of educational assistance  
government assistance

U ED-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D OED-TYP2 1 406 (0:2)  
Item 69D(3)  
Source of educational assistance  
scholarships, grants etc. from the school

U ED-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D OED-TYP3 1 407 (0:2)  
Item 69D(4)  
Source of educational assistance  
other assistance(employers  
friends, etc.)

U ED-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D ED-VAL 5 408 (00000:99999)  
Item 69H  
Total amount of educational  
assistance received

U ED-YN = 1  
V 00000 .None or not in universe  
V 00001- .Educational assistance  
99999 .

D FILLER 1 413  
Blank Filler

e\*\*\*\*\*  
\* Source of Income -- Child support \*  
\*\*\*\*\*

D CSP-YN 1 414 (0:2)  
Item 70B  
Did ... receive child support payments

U HCSP-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D CSP-VAL 5 415 (00000:99999)  
Item 70C  
How much did ... receive in child  
support payments

U CSP-YN = 1  
V 00000 .None or not in universe  
V 00001- .Child support  
99999 .

\*\*\*\*\*  
\* Source of Income -- Alimony \*  
\*\*\*\*\*

D ALM-YN 1 420 (0:2)  
Item 71B  
Did ... receive alimony payments  
U HALM-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D ALM-VAL 5 421 (00000:99999)  
Item 71C  
How much did ... receive in alimony  
income during 19..  
U ALM-YN = 1  
V 00000 .None or not in universe  
V 00001- .Alimony income  
99999 .

\*\*\*\*\*  
\* Source of Income \*  
\* Financial Assistance \*  
\*\*\*\*\*

D FIN-YN 1 426 (0:2)  
Item 72B  
Did ... receive financial assistance  
U HFIN-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D FIN-VAL 5 427 (00000:99999)  
Item 72C  
How much did ... receive in financial  
assistance income during 19..  
U FIN-YN = 1  
V 00000 .None or not in universe  
V 00001- .Financial assistance income  
99999 .

\*\*\*\*\*  
\* Source of Income -- Other Income \*  
\*\*\*\*\*

D OI-OFF 2 432 (00:19)  
Item 73C  
U OI-YN = 1  
V 00 .Not in universe  
V 01 .Social Security  
V 02 .Private pensions  
V 03 .AFDC  
V 04 .Other public assistance  
V 05 .Interest  
V 06 .Dividends

V 07 .Rents or royalties  
V 08 .Estates or trusts  
V 09 .State disability payments  
. (worker's compensation)  
V 10 .Disabilty payments (own insur.)  
V 11 .Unemployment compensation  
V 12 .Strike benefits  
V 13 .Annuities or paid up insurance  
.policies  
V 14 .Not income  
V 15 .Longest job  
V 16 .Wages or salary  
V 17 .Nonfarm self-employment  
V 18 .Farm self-employment  
V 19 .Anything else

D OI-YN 1 434 (0:2)  
Item 73B  
Did ... receive other income  
U HOI-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D OI-VAL 5 435 (00000:99999)  
Item 73D  
How much did ... receive in other  
incomes  
U OI-YN = 1  
V 00000 .None or not in universe  
V 00001- .Other income  
99999 .

\*\*\*\*\*  
\* Summary Income Values by Type \*  
\*\*\*\*\*

D PTOTVAL 8 440 (-389961:599994)  
Recode - Total persons income  
(PearnVAL and POTHVAL)  
V 0 .None  
V Neg Amt .Income (loss)  
V Pos Amt .Income

D PEARNVAL 8 448 (-389961:299997)  
Recode - Total persons earnings  
(WSAL-VAL, SEMP-VAL, FRSE-VAL)  
V 0 .None  
V Neg Amt .Income (loss)  
V Pos Amt .Income

D FILLER 1 456  
Blank Filler

D POTHVAL 8 457 (-389961:299997)  
Recode - Total other persons income  
(all income except PEARNVAL)

V           0 .None  
V    Neg Amt .Income (loss)  
V    Pos Amt .Income

D FILLER       1    465   (1989, 1990)  
      Blank filler

D FL-665       1    465  
      (1991 only)

V           0 .No 665 person match  
V           1 .665 person match  
V           2 .Non-interview 665 matched to  
V                .CPS household  
V           3 .Match not enough data

D PTOT-R       2    466   (00:41)  
      Recode - Total person income recode

V           00 .Not in universe  
V           01 .Under \$2,500  
V           02 . \$2,500 to \$4,999  
V           03 . \$5,000 to \$7,499  
V           04 . \$7,500 to \$9,999  
V           05 . \$10,000 to \$12,499  
V           06 . \$12,500 to \$14,999  
V           07 . \$15,000 to \$17,499  
V           08 . \$17,500 to \$19,999  
V           09 . \$20,000 to \$22,499  
V           10 . \$22,500 to \$24,999  
V           11 . \$25,000 to \$27,499  
V           12 . \$27,500 to \$29,999  
V           13 . \$30,000 to \$32,499  
V           14 . \$32,500 to \$34,999  
V           15 . \$35,000 to \$37,499  
V           16 . \$37,500 to \$39,999  
V           17 . \$40,000 to \$42,499  
V           18 . \$42,500 to \$44,999  
V           19 . \$45,000 to \$47,499  
V           20 . \$47,500 to \$49,999  
V           21 . \$50,000 to \$52,499  
V           22 . \$52,500 to \$54,999  
V           23 . \$55,000 to \$57,499  
V           24 . \$57,500 to \$59,999  
V           25 . \$60,000 to \$62,499  
V           26 . \$62,500 to \$64,999  
V           27 . \$65,000 to \$67,499  
V           28 . \$67,500 to \$69,999  
V           29 . \$70,000 to \$72,499  
V           30 . \$72,500 to \$74,999  
V           31 . \$75,000 to \$77,499  
V           32 . \$77,500 to \$79,999  
V           33 . \$80,000 to \$82,499  
V           34 . \$82,500 to \$84,999  
V           35 . \$85,000 to \$87,499  
V           36 . \$87,500 to \$89,999  
V           37 . \$90,000 to \$92,499  
V           38 . \$92,500 to \$94,999  
V           39 . \$95,000 to \$97,499

V 40 . \$97,500 to \$99,999  
V 41 . \$100,000 and over

D PERLIS 1 468 (1:4)  
Recode - Low-income level of persons  
(subfamily members have primary  
family recode)

V 1 .Below low-income level  
V 2 .100 - 124 percent of the  
.low-income level  
V 3 .125 - 149 percent of the  
.low-income level  
V 4 .150 percent and above the  
.low-income level

\*\*\*\*\*  
\* Edited Noncash Benefit Items \*  
\* All Persons \*  
\*\*\*\*\*

D MCARE 1 469 (1:2)  
Item 74B  
Was ... covered by Medicare  
U HMCARE = 1  
V 0 .Not in universe  
. (Children under 15)  
V 1 .Yes  
V 2 .No

D MCAID 1 470 (1:2)  
(See CH-MC for additional  
coverage of children < 15)  
Item 74D  
Was ... covered by Medicaid  
U HMCAID = 1  
V 1 .Yes  
V 2 .No

D CHAMP 1 471 (1:2)  
Item 74F  
Was ... covered by CHAMPUS, VA, or  
military health care  
U HCHAMP = 1  
V 1 .Yes  
V 2 .No

D HI-YN 1 472 (0:2)  
Item 75B  
Was ... covered by private health  
insurance plan  
U HHI-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HIOWN 1 473 (0:2)  
Item 75C



Was this health insurance plan coverage  
in ...'s own name

U HI-YN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HIEMP 1 474 (0:2)  
Item 75D  
Was this health insurance plan  
offered through ...'s current or former  
employer or union

U HIOWN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HIPAID 1 475 (0:3)  
Item 75E  
Did ...'s employer or union pay for  
all, part, or none of the cost of  
this health plan

U HIEMP = 1  
V 0 .Not in universe  
V 1 .All  
V 2 .Part  
V 3 .None

\*\*\*\*\*  
\* HIELSE1 through HIELSE5 \*  
\* Other than ... who else in this \*  
\* household was covered by this health \*  
\* insurance policy \*  
\*\*\*\*\*

D HIELSE1 1 476 (0:2)  
Item 75F  
Spouse

U HIOWN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HIELSE2 1 477 (0:2)  
Item 75F  
Children in household

U HIOWN = 1  
V 0 .Not in universe  
V 1 .Yes  
V 2 .No

D HIELSE3 1 478 (0:2)  
Item 75F  
Children not in household

U HIOWN = 1  
V 0 .Not in universe  
V 1 .Yes

V            2 .No

D HIELSE4      1     479   (0:2)  
     Item 75F  
     Other  
 U HIOWN = 1  
 V            0 .Not in universe  
 V            1 .Yes  
 V            2 .No

D HIELSE5      1     480   (0:2)  
     Item 75F  
     Self only (No one else)  
 U HIOWN = 1  
 V            0 .Not in universe  
 V            1 .Yes  
 V            2 .No

D WRK-CK       1     481   (0:2)  
     Item 76  
     Interviewer check item  
     worked last year  
 U WORKYN = 1 or WTEMP = 1  
 V            0 .Not in universe  
 V            1 .Yes  
 V            2 .No

D PENPLAN      1     482   (0:2)  
     Item 76A  
     Other than Social Security did the  
     employer or union that ... worked for  
     in 19.. have a pension or other  
     type of retirement plan for any of the  
     employees  
 U WRK-CK = 1  
 V            0 .Not in universe  
 V            1 .Yes  
 V            2 .No

D PENINCL      1     483   (0:2)  
     Item 76B  
     Was ... included in that plan  
 U PENPLAN = 1  
 V            0 .Not in universe  
 V            1 .Yes  
 V            2 .No

D COV-GH       1     484   (1:2)  
     (See CH-HI = 2 for additional  
     coverage of children < 15)  
     Recode - Includes dependents included  
     in group health  
 U All persons  
 V            1 .Yes  
 V            2 .No

D COV-HI       1     485   (1:2)

(See CH-HI = 1 for additional coverage of children < 15)  
Recode - Includes dependents covered by private health insurance

U All persons

V 1 .Yes

V 2 .No

D CH-MC 1 486 (0:2)

Item 80

Recode - Child covered by Medicare or Medicaid. (Is interpreted in Census Bureau tabulations as Medicaid.)

U A-AGE less than 15

V 0 .Not child's record

V 1 .Yes

V 2 .No

D CH-HI 1 487 (0:3)

Items 81-81A

Recode - Child covered by health insurance.

U A-AGE less than 15

V 0 .Not child's record

V 1 .Covered by person in household  
. (Interpreted by Census Bureau as private health)

V 2 .Covered by person outside of household  
. (Interpreted by Census Bureau as group health)

V 3 .Not covered

\*\*\*\*\*  
\* Allocation Flags for Basic CPS \*  
\* Edited and Allocated Items \*  
\*\*\*\*\*

D A%LINENO 1 488 (0:3)

Line number allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

D A%RRP 1 489 (0:5)

Relationship to reference person allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

V 5 .Value to value - no error

D A%PARENT 1 490 (0:5)

Parent's line number allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

```
V          5 .Value to value - no error

D A%AGE      1    491 (0:4)
    Age allocation flag
V          0 .No change
V          2 .Blank to value
V          4 .Allocated

D A%MARITL   1    492 (0:5)
    Marital status allocation flag
V          0 .No change
V          2 .Blank to value
V          3 .Value to value
V          4 .Allocated
V          5 .Value to value - no error

D A%SPOUSE   1    493 (0:5)
    Spouse's line number allocation flag
V          0 .No change
V          2 .Blank to value
V          3 .Value to value
V          5 .Value to value - no error

D A%SEX      1    494 (0:4)
    Sex allocation flag
V          0 .No change
V          2 .Blank to value
V          3 .Value to value
V          4 .Allocated
```

D A%VET           1     495   (0:4)  
    Veteran status allocation flag  
V            0 .No change  
V            2 .Blank to value  
V            3 .Value to value  
V            4 .Allocated

D A%HGA           1     496   (0:4)  
    Highest grade attended allocation flag  
V            0 .No change  
V            4 .Allocated

D A%HGC           1     497   (0:2)  
    Highest grade completed allocation flag  
V            0 .No change  
V            2 .Blank to value

D A%RACE          1     498   (0:4)  
    Race allocation flag  
V            0 .No change  
V            2 .Blank to value  
V            4 .Allocated

D A%ORIGIN        1     499   (0:8)  
    Origin allocation flag  
V            0 .No change  
V            2 .Blank to value  
V            5 .Value to value - no error  
V            8 .Blank to n/a code

D A%LFSR          1     500   (0:4)  
    Labor force status recode allocation  
    flag  
V            0 .No change or children  
              .or Armed Forces  
V            1 .Value to blank  
V            2 .Blank to value  
V            3 .Value to value  
V            4 .Allocated

D A%MAJACT        1     501   (0:4)  
V            0 .No change or children  
              .or Armed Forces  
V            1 .Value to blank  
V            2 .Blank to value  
V            3 .Value to value  
V            4 .Allocated

D A%ANYWK         1     502   (0:4)  
V            0 .No change or children  
              .or Armed Forces  
V            1 .Value to blank  
V            2 .Blank to value  
V            3 .Value to value  
V            4 .Allocated

D A%HRS           1     503   (0:4)  
V            0 .No change or children

```

        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%HRSCHK    1    504  (0:4)
V      0 .No change or children
        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%USLFT     1    505  (0:4)
V      0 .No change or children
        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%FTREAS    1    506  (0:4)
V      0 .No change or children
        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%LOSTIM    1    507  (0:4)
V      0 .No change or children
        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%OVRTIM    1    508  (0:4)
V      0 .No change or children
        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%JOBABS    1    509  (0:4)
V      0 .No change or children
        .or Armed Forces
V      1 .Value to blank
V      2 .Blank to value
V      3 .Value to value
V      4 .Allocated

D A%WHYABS    1    510  (0:4)
V      0 .No change or children
        .or Armed Forces

```

V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%PAYABS 1 511 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%FTABS 1 512 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%LKWK 1 513 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%MTHD 1 514 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WHYLK 1 515 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WKSLK 1 516 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%LKFTPT 1 517 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank

V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%AVAIL 1 518 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WHYNA 1 519 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WHENLJ 1 520 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%IND 1 521 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%OCC 1 522 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%CLSWKR 1 523 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%CHKWJ 1 524 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value



V 3 .Value to value  
V 4 .Allocated  
  
D A%NLFROT 1 525 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated  
  
D A%NLFLJ 1 526 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated  
  
D A%WHYLFT 1 527 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated  
  
D A%WANTJB 1 528 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated  
  
D A%WHYNL 1 529 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated  
  
D A%INTEND 1 530 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated  
  
D A%EARNRT 1 531 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value

V           4 .Allocated

D A%USLHRS   1    532 (0:4)

V           0 .No change or children  
            .or Armed Forces

V           1 .Value to blank

V           2 .Blank to value

V           3 .Value to value

V           4 .Allocated

D A%HRLYWK 1 533 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%HRSPAY 1 534 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%GRSWK 1 535 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%UNMEM 1 536 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%UNCOV 1 537 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%ENRCHK 1 538 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%ENRLW 1 539 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%HSCOL 1 540 (0:4)

V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%FTPT 1 541 (0:4)  
V 0 .No change or children  
.or Armed Forces  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

\*\*\*\*\*  
 \* Allocation Flags for March Supplement \*  
 \* Edited and Allocated Items \*  
 \*\*\*\*\*

D I-ERNYN 1 542 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-ERNVAL 1 543 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-WSYN 1 544 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-WSVAL 1 545 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-SEYN 1 546 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-SEVAL 1 547 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-FRMYN 1 548 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-FRMVAL 1 549 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-UCYN 1 550 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-UCVAL 1 551 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-WCYN 1 552 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-WCTYP 1 553 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-WCVAL 1 554 (0:1)  
 V 0 .No change or children  
 V 1 .Allocated

D I-SSYN 1 555 (0:1)  
V 0 .No change or children  
V 1 .Allocated

D I-SSVAL 1 556 (0:1)  
V 0 .No change or children  
V 1 .Allocated

D I-SSIYN 1 557 (0:1)  
V 0 .No change or children  
V 1 .Allocated

D I-SSIIVAL 1 558 (0:1)  
V 0 .No change or children  
V 1 .Allocated

|            |   |            |             |
|------------|---|------------|-------------|
| D I-PAWYN  | 1 | 559        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PAWTYP | 1 | 560        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PAWVAL | 1 | 561        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PAWMO  | 1 | 562        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-VETYN  | 1 | 563        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-VETTYP | 1 | 564        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-VETVAL | 1 | 565        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-VETQVA | 1 | 566        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-SURYN  | 1 | 567        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-SURTYP | 1 | 568        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-SURSC1 | 1 | 569        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-SURSC2 | 1 | 570        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-SURVL1 | 1 | 571        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-SURVL2 | 1 | 572        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-DISSC1 | 1 | 573        | (0:1)       |

|            |   |            |             |
|------------|---|------------|-------------|
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISSC2 | 1 | 574        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISHP  | 1 | 575        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISCS  | 1 | 576        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISYN  | 1 | 577        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISTYP | 1 | 578        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISVL1 | 1 | 579        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DISVL2 | 1 | 580        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RETYN  | 1 | 581        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RETSC1 | 1 | 582        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RETSC2 | 1 | 583        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RETVL1 | 1 | 584        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RETVL2 | 1 | 585        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-INTYN  | 1 | 586        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-INTVAL | 1 | 587        | (0:1)       |
| V          | 0 | .No change | or children |



|            |   |            |             |
|------------|---|------------|-------------|
| V          | 1 | .Allocated |             |
| D I-DIVYN  | 1 | 588        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-DIVVAL | 1 | 589        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RNTYN  | 1 | 590        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-RNTVAL | 1 | 591        | (0:2)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-EDYN   | 1 | 592        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-EDTYP1 | 1 | 593        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-EDTYP2 | 1 | 594        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-OEDVAL | 1 | 595        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-CSPYN  | 1 | 596        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-CSPVAL | 1 | 597        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-ALMYN  | 1 | 598        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-ALMVAL | 1 | 599        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-FINYN  | 1 | 600        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
| D I-FINVAL | 1 | 601        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |

|            |   |            |             |
|------------|---|------------|-------------|
| D I-OIVAL  | 1 | 602        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-NWLOOK | 1 | 603        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-NWLKWK | 1 | 604        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-RSNNOT | 1 | 605        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-LOSEWK | 1 | 606        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-LKWEEK | 1 | 607        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-LKSTR  | 1 | 608        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PYRSN  | 1 | 609        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PHMEMP | 1 | 610        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-HRSWK  | 1 | 611        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-HRCHK  | 1 | 612        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PTYN   | 1 | 613        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PTWKS  | 1 | 614        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-PTRSN  | 1 | 615        | (0:1)       |
| V          | 0 | .No change | or children |
| V          | 1 | .Allocated |             |
|            |   |            |             |
| D I-LJCW   | 1 | 616        | (0:1)       |

|            |    |               |             |
|------------|----|---------------|-------------|
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-INDUS  | 1  | 617           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-OCCUP  | 1  | 618           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-WORKYN | 1  | 619           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-WTEMP  | 1  | 620           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-WKSWK  | 1  | 621           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-WKCHK  | 1  | 622           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-ERNSRC | 1  | 623           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-NOEMP  | 1  | 624           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-MCARE  | 1  | 625           | (0:2)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| V          | 2. | Not allocated |             |
| D I-MCAID  | 1  | 626           | (0:2)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| V          | 2. | Not allocated |             |
| D I-CHAMP  | 1  | 627           | (0:2)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| D I-HIYN   | 1  | 628           | (0:2)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |
| V          | 2. | Not allocated |             |
| D I-HIOWN  | 1  | 629           | (0:1)       |
| V          | 0  | .No change    | or children |
| V          | 1  | .Allocated    |             |

```

D I-HIEMP      1      630  (0:1)
V              0 .No change or children
V              1 .Allocated

D I-HIPAIID    1      631  (0:1)
V              0 .No change or children
V              1 .Allocated

D I-HIELSE     1      632  (0:1)
V              0 .No change or children
V              1 .Allocated

D I-PENPLA     1      633  (0:1)
V              0 .No change or children
V              1 .Allocated

D I-PENINC     1      634  (0:1)
V              0 .No change or children
V              1 .Allocated

D I-MIG1       1      635  (0:2)
      (1991 only)
      Mobility status
V              0 .No change or children
V              1 .Allocated

D I-MIG2       1      635  (0:2)
      (1989 and 1990)
      Mobility status
V              0 .No change or children
V              1 .Allocated

D I-MIG4       1      636  (0:3)
      Level of allocation
V              0 .No change or children
V              1 .MCD and below assigned/
                .allocated
V              2 .County and below assigned/
                .allocated
V              3 .State and below assigned/
                .allocated

```

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*****
*   The maximum amount that may be shown   *
*   is indicated in the range of Item.     *
*   Any amount exceeding the maximum has   *
*   been recoded to the maximum for       *
*   persons 15+ years and over            *
*   V              0 .Not topcoded         *
*   V              1 .Value topcoded       *
*****

```

D TCERNVAL 1 637 (0:1)  
Earnings from employer or  
self-employment

D TCWSVAL 1 638 (0:1)  
Wage and salary income suppression flag

D TCSEVAL 1 639 (0:1)  
Nonfarm self employment income  
suppression flag

D TCFMVAL 1 640 . (0:1)  
Farm self employment income  
suppression flag

D A-WERNTF 1 641 . (0:1)  
Current earnings - weekly pay

D A-HERNTF 1 642 . (0:1)  
Current earnings - hourly pay

D FILLER 14 643  
Blank Filler

#### GLOSSARY

##### Subject Concepts

**Age.** Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 15 years old and over for March supplement data and for CPS labor force data.

**Annuities.** (See Income.)

**Armed Forces.** Armed Forces members enumerated in off-base housing or on base with their families are included on the CPS data file in March. In addition to demographic and family data, supplemental data on income are included for Air Forces members.

**Base Weight.** The constant weight assigned to the sample (inverse of the sampling fraction) which is adjusted to produce the final weight.

**Civilian Labor Force.** (See Labor Force.)

**Class of Worker.** This refers to the broad classification of the person's employer. On the March file, these broad classifications for current jobs are private, government, self-employed, without pay, and never worked. Private and government workers are considered "wage and salary workers;" this classification scheme includes self-employed, incorporated persons in with "private" workers. For the longest job held last year, this class of worker scheme includes private; government by level/Federal, State, and local; self-employed incorporated, self-employed unincorporated or farm; and without pay. The wage and salary category for longest job held includes private, government (all levels), and self-employed incorporated.

**Dividends.** (See Income.)

Duration of Unemployment. Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed are continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Earners, Number of. The file includes all persons 15 years old and over in the household with \$1 or more in wages and salaries, or \$1 or more of a loss in net income from farm or nonfarm self-employment during the preceding year.

Earnings Weight. Each person record in month-in-sample 4 and 8 contains an earnings weight for current earnings.

Education. (See Years of School Completed.)

Employed. (See Labor Force.)

Energy Assistance Program. The Low-Income Home Energy Assistance Program provides financial assistance to qualified households to help them pay heating costs. The program is funded by the Federal government and administered by the States under broad guidelines. In some States a household may automatically be eligible for this program if the household receives (1) Aid to Families with Dependent Children, (2) Food Stamps, (3) Supplemental Security Income (SSI), and (4) certain Veterans' benefits. The energy assistance questions were asked for the first time in 1982. Questions asked in the March 1989 survey included (1) recipient since October 1, 1988, and (2) total amount received during the reference period.

ESR (Employment Status Recode). This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items in March.

Family. A family is a group of two persons or more (one of whom is the householder) residing together and related by birth, marriage, or adoption. All such persons (including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

Family Household. A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or unrelated individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives. (See the definition of Family).

Family Weight. The weight on the family record is the March supplement

weight of the householder or reference person. This weight on the primary family record should be used to tabulate the number of families.

Farm Self-Employment Net Income. The term is defined as net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operation expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for household living is not included as part of net income. Inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes.

Final Weight. Used in tabulating monthly labor force items. This weight should be used when producing estimates from the basic CPS data. It should not be used to tabulate March supplement data.

Food Stamps. The Food Stamp Act of 1977 was enacted for the purpose of increasing the food purchasing power of eligible households through the use of coupons to purchase food. The Food and Nutrition Service of the U.S. Department of Agriculture (USDA) administers the Food Stamp Program through State and local welfare offices. The Food Stamp Program is the major national income support program which provides benefits to all low-income and low-resource households regardless of household characteristics (e.g., sex, age, disability, etc.). The questions on participation in the Food Stamp Program in the March CPS were designed to identify households in which one or more of the current members received food stamps during the previous calendar year. Once a food stamp household was identified, a question was asked to determine the number of current household members covered by food stamps during the previous calendar year. Questions were also asked about the number of months food stamps were received during the previous calendar year and the total face value of all food stamps received during that period.

Full-Time Worker. Persons on full-time schedules include persons working 35 hours or more, persons who worked 1-34 hours for noneconomic reasons (e.g., illness) and usually work full-time, and persons "with a job but not at work" who usually work full-time.

Group Health Insurance Coverage. Civilian persons 15 years old and over who worked in the previous calendar year and who participated in group health insurance plans provided by the employer or union were asked whether part or all of the health insurance premiums were paid for by the union or employer and the extent of persons covered.

Additional questions were asked to determine if sample persons were covered by any other type of health insurance plan. These items are intended to measure retirees covered by continuing employer provided coverage and persons who purchased coverage on their own.

Group Quarters. Group quarters are noninstitutional living arrangements

for groups not living in conventional housing units or groups living in housing units containing nine or more persons unrelated to the person in charge.

Head Versus Householder. Beginning with the March 1980 CPS, the Bureau of the Census discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" are used.

Highest Grade of School Attended. (See Years of School Completed.)

Hispanic Origin. Persons of Hispanic origin in this file are determined on the basis of a question that asked for self-identification of the person's origin or descent. Respondents are asked to select their origin (or the origin of some other household member) from a "flash card" listing ethnic origins. Persons of Hispanic origin, in particular, are those who indicated that their origin was Mexican-American, Chicano, Mexican, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic.

Hours of Work. Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who is off on the Veterans Day holiday is reported as working 32 hours even though he is paid for the holiday. For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

Household. A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live and eat with any other person in the structure, and when there is direct access from the outside or through a common hall. The count of households excludes persons living in group quarters, such as rooming houses, military barracks, and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

Household Weight. Household weight is the March Supplement weight of the householder. This weight should be used to tabulate estimates of households.

Householder. The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented (maintained) or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is owned or rented jointly by a married couple, the householder may be either the husband or the wife. The person designated as the householder on the file is the "reference person" on the CPS-260 control card to whom the relationship of all other household members, if any, is recorded.

Householder With No Other Relatives in Household. A householder who has no relatives living in the household. This is the entry for a person living alone. Another example is the designated householder of an apartment shared by two or more unrelated individuals.

Householder With Other Relatives (Including Spouse) in Household. The



person designated as householder if he/she has one or more relatives (including spouse) living in the household.

Income. For each person in the sample who is 15 years old and over, questions are asked on the amount of money income received in the preceding calendar year from each of the following sources: (1) money wages or salary; (2) net income from nonfarm self-employment; (3) net income from farm self-employment; (4) Social Security or railroad retirement; (5) Supplemental Security Income; (6) public assistance or welfare payments; (7) interest (on savings or bonds); (8) dividends, income from estates or trusts, or net rental income; (9) veterans' payment or unemployment and workmen's compensation; (10) private pensions or government employee pensions; (11) alimony or child support, regular contributions from persons not living in the household, and other periodic income.

Although income statistics refer to receipts during the preceding year, the characteristics of the person such as age, labor force status, etc., and the composition of households refer to the time of the survey. The income of the household does not include amounts received by persons who are members of the household during all or part of the income year if these persons no longer reside with the household at the time of enumeration. On the other hand, household income includes amounts reported by persons who did not reside with the household during the income year but who were members of the household at the time of enumeration.

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Also, money income does not reflect the fact that some households receive part of their income in the form of nonmoney transfers such as food stamps, health benefits, subsidized housing, and energy assistance; that many farm households receive nonmoney income in the form of rent free housing and goods produced and consumed on the farm; or that nonmoney income is received by some nonfarm residents that often takes the form of the use of business transportation and facilities, or full or partial contributions for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. Moreover, readers should be aware that for many different reasons there is a tendency in household surveys for respondents to under report their income. From an analysis of independently derived income estimates, it has been determined that wages and salaries tend to be much better reported than such income types as public assistance, Social Security, and net income from interest, dividends, rents, etc.

Income Sources - Wages and Salary. Money wages or salary is defined as total money earnings received for work performed as an employee during the income year. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned, before deductions are made for taxes, bonds, pensions, union dues, etc. Earnings for self-employed incorporated businesses are considered wage and salary.

Income Sources - Nonfarm Self-Employment. Net income from nonfarm self-employment is net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation

charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income since replies based on income tax returns or other official records do reflect inventory changes. However, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

Income Sources - Farm Self-Employment. Net income from farm self-employment is net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income. In general, inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes; otherwise, inventory changes are not taken into account.

Income Sources - Social Security. Social Security includes Social Security pensions and survivors' benefits, and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included.

Income Sources - Supplemental Security Income. Supplemental Security Income includes payments made by Federal, State, and local welfare agencies to low income persons who are (1) aged (65 years old and over), (2) blind, or (3) disabled.

Income Sources - Public Assistance. Public assistance or welfare payments include public assistance payments such as Aid to Families with Dependent Children and general assistance.

Income Sources - Interest and Dividends. Interest, dividends, income from estates or trusts, net rental income or royalties include dividends from stockholdings or membership in associations, interest on savings or bonds, periodic receipts from estates or trust funds, net income from rental of a house, store, or other property to others, receipts from boarders or lodgers, and net royalties.

Income Sources - Unemployment Compensation, Worker's Compensation, and Veterans' Payments. Unemployment compensation, veterans' payments, or worker's compensation includes: (1) unemployment compensation received from government unemployment insurance agencies or private companies during periods of unemployment and any strike benefits received from union funds; (2) money paid periodically by the Veterans Administration to disabled members of the Armed Forces or to survivors of deceased veterans, subsistence allowances paid to veterans for education and on-the-job training, as well as so-called "refunds" paid to ex-servicemen as GI

insurance premiums; and (3) worker's compensation received periodically from public or private insurance companies for injuries incurred at work. The cost of this insurance must have been paid by the employer and not by the person.

Income Sources - Private and Government Pensions and Annuities. Many employers and unions have established pension program their employees so that upon retirement the employee will receive regular income to replace his/her earnings. Many of these programs also provide income to the employees if he/she becomes severely disabled, or to his/her survivors if the employee dies. Other types of retirement income include annuities and paid up life insurance policies. Some people purchase annuities which yield a set amount over a certain number of years. Other people may convert their paid up life insurance policy into an annuity after they retire.

Income Sources - Alimony and Child Support. Alimony is money received periodically from a former spouse following a divorce or separation. Child support is money received from a parent for the support of their children following a divorce or legal separation. Money received from relatives, other than the parent, or friends is not considered as child support.

Receipts Not Counted As Income. Receipts from the following sources are not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person is engaged in the business of selling such property, in which case the net proceeds is counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances of insurance payments.

Industry, Occupation, and Class of Worker (I&O) - Current Job (basic data). For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time) from which they were on layoff. The I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. The occupation/industry classification system for the 1980 Census of Population was used to code March CPS data beginning with the March 1983 file.

Industry, Occupation, and Class of Worker-Longest Job (supplement data). Longest job applies to the job held longest during the preceding year for persons who worked that year, without regard to their current employment status.

| Subject    | Character Position        |                                      |   |
|------------|---------------------------|--------------------------------------|---|
|            |                           | Current or Most Recent Full-Time Job | Longest Job Last Year (Work Experience) |
| Industry   | 3 digit detailed          | P 49-51                              | P 151-153                               |
|            | 2-digit detailed (Recode) | P 52-53                              | P 322-323                               |
| Occupation | Major Group Recode        | N/A                                  | P 316-317                               |
|            | 3-digit detailed          | P 56-58                              | P 154-156                               |

|                              |         |           |
|------------------------------|---------|-----------|
| 2-digit detailed<br>(Recode) | P 54-55 | P 318-319 |
| Major Group recode           | N/A     | P 320-321 |
| Class of Worker              | P 59    | P 314     |

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Job Seekers. All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week.

Keeping House. Persons are classified as keeping house if they engage in own housework. This is one of the "not in labor force" classifications employment status recode (ESR) = 4.

Labor Force. Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. Employed. Employed persons comprise (1) all civilians who, during the survey week did any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm or a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have an Labor Force Status Recode (LFSR) of 1 or 2 respectively in character 12 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. Unemployed. Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an LFSR code of 3 in character 12 of the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

- a. Job Leavers. Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.
- b. Job Losers. Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already /on layoff.
- c. New Job Entrants. Persons who never worked at a full-time job lasting two weeks or longer.

- d. Job Reentrants. Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

3. Not in Labor Force. All civilians 15 years old and over who are not classified as employed or unemployed. These persons are further classified as major activity: keeping house, going to school, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, retired persons. Persons who report doing unpaid work in a family farm or business for less than 15 hours are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for three previous months and would not be in for the subsequent month.

These items are asked in question 24; see the questionnaire facsimile. Such persons have an LFSR code of 5-7 in character 12 of the person record.

Finally, it should be noted that the unemployment rate represents the number of persons unemployed as a percent of the civilian labor force 16 years old and over. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, etc. The job loser, job leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force 16 years old and over; the sum of the rates for the four groups thus equals the total unemployment rate.

Layoff. A person who is unemployed but expects to be called back to a specific job. If he/she expects to be called back within 30 days, it is considered a temporary layoff; otherwise, it is an indefinite layoff.

Looking for Work. A person who is trying to get work or trying to establish a business or profession.

March Supplement Weight. The March supplement weight is on all person records and is used to produce "supplement" estimates; that is, income, work experience, migration, and family characteristic estimates.

Marital Status. The marital status classification identifies four major categories: single (never married), married, widowed, and divorced. These terms refer to the marital status at the time of enumeration.

The category "married" is further divided into "married, civilian spouse present," "married, Armed Force spouse present," "married, spouse absent," "married, Armed Force spouse absent," and "separated." A person is classified as "married, spouse present" if the husband or wife is reported as a member of the household even though he or she may be temporarily absent on business or on vacation, visiting, in a hospital, etc., at the time of the enumeration. Persons reported as "separated" included those with legal separations, those living apart with intentions of obtaining a divorce, and other persons permanently or temporarily estranged from their spouses because of marital discord.

For the purpose of this file, the group "other marital status" includes "widowed and divorced," "separated," and "other married, spouse absent."

Medicare. The Medicare Program is designed to provide medical care for the aged and disabled. The Basic Hospital Insurance Plan (Part A) is designed to provide basic protection against hospital costs and related post-hospital services. This plan also covers many persons under 65 years old who receive Social Security or railroad retirement benefits based on long-term disability. Part A is financed jointly by employers and employees through Social Security payroll deductions. Qualified persons 65 years old and over who are not otherwise eligible for Part A benefits may pay premiums directly to obtain this coverage. The Medical Insurance Plan (Part B) is a voluntary plan which builds upon the hospital insurance protection provided by the basic plan. It provides insurance protection covering physicians' and surgeons' services and a variety of medical and other health services received either in hospitals or on an ambulatory basis. It is financed through monthly premium payments by each enrollee, and subsidized by Federal general revenue funds.

The Medicare question on the March CPS attempted to identify all persons 15 years old and over who were "covered" by Medicare at any time during the previous calendar year. The term "covered" means enrolled in the Medicare Program. In order to be counted, the person did not necessarily have to receive medical care paid for by Medicare.

Medicaid. The Medicaid Program is designed to provide medical assistance to needy families with dependent children, and to aged, blind, or permanently and totally disabled individuals whose incomes and resources are insufficient to meet the costs of necessary medical services. The program is administered by State agencies through grants from the Health Care Financing Administration of the Department of Health and Human Services. Funding for medical assistance payments consists of a combination of Federal, State, and in some cases, local funds.

Medicaid is a categorical program with complex eligibility rules which vary from State to State. There are two basic groups of eligible individuals: the categorically eligible and the medically needy. The major categorically eligible groups are all Aid to Families with Dependent Children (AFDC) recipients and most Supplemental Security Income (SSI) recipients. Other categorically eligible groups are (1) those who meet basic State cash assistance eligibility rules/aged, blind, disabled, needy single parents with children, and, in some States, needy unemployed parents with children, but who are not currently receiving money payments; and (2) needy persons who meet categorical eligibility standards but are institutionalized for medical reasons (e.g., low-income elderly persons in nursing homes). However, such institutionalized persons are not included in the CPS universe and, therefore, are not reflected in these statistics.

In roughly one-half of the States, coverage is extended to the medically needy/persons meeting categorical age, sex, or disability criteria, whose money incomes and assets exceed eligibility levels for cash assistance but are not sufficient to meet the cost of medical care. In such States, qualifying income and asset levels are usually above those set for cash assistance. Families with large medical expenses relative to their incomes and assets may also meet medically needy eligibility standards in these States.

The Medicaid question on the March CPS attempted to identify all persons who were "covered" by Medicaid at any time during the previous calendar year. The term "covered" means enrolled in the Medicaid program, i.e., had a Medicaid medical assistance card, or incurred medical bills which were paid for by Medicaid. In order to be counted, the person did not have to receive medical care paid for by Medicaid.

After data collection and creation of an initial microdata file, further refinements were made to assign Medicaid coverage to children. In this procedure all children under 21 years old in families were assumed to be covered by Medicaid if either the householder or spouse reported being covered by Medicaid (this procedure was required mainly because the Medicaid coverage question was asked only for persons 15 years old and over). All adult AFDC recipients and their children, and SSI recipients living in States which legally require Medicaid coverage of all SSI recipients, were also assigned coverage.

Mobility Status. The population of the United States, 15 years old and over, is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the March CPS and the place of residence in March of the previous year.

The information on mobility status is obtained from the responses to a series of inquiries. The first of three inquiries is: "Was...living in this house 1 year ago...?" If the answer was "No," the enumerator asked, "Where did...live on March 1, 1988?" In classification, three main categories distinguish nonmovers, movers, and movers from abroad.

Nonmovers are all persons who are living in the same house at the end of the period as at the beginning of the period. Movers are all persons who are living in a different house at the end of the period than at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence is outside the United States at the beginning of the period, that is, in an outlying area under the jurisdiction of the United States or in a foreign country. The mobility status for children is fully allocated from the mother if she is in the household; otherwise it is allocated from the householder.

Month-In-Sample. The term is defined as the number of times a unit is interviewed. Each unit is interviewed eight times during the life of the sample.

Never Worked. A person who has never held a full-time civilian job lasting two consecutive weeks or more.

Nonfamily Householder. A nonfamily householder (formerly called a primary individual) is a person maintaining a household while living alone or with nonrelatives only.

Nonfarm Self-employment Net Income. The term is defined as net money income (gross receipts minus expenses) from an individual's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income;

replies based on income tax returns or other official records do reflect inventory changes; however, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

**Nonworker.** A person who did not do any work in the calendar year preceding the survey.

**Nonrelative of Householder With No Own Relatives in Household.** A nonrelative of the householder who has no relative(s) of his own in the household. This category includes such nonrelatives as a ward, a lodger, a servant, or a hired hand, who has no relatives of his own living with him in the household.

**Nonrelative of Householder With Own Relatives (Including Spouse) in Household.** Any household member who is not related to the householder but has relatives of his own in the household; for example, a lodger, his spouse, and their son.

**Other Relative of Householder.** Any relative of the householder other than his spouse, child (including natural, adopted, foster, or step child), sibling, or parent; for example, grandson, daughter-in-law, etc.

**Own Child.** A child related by birth, marriage, or adoption to the family householder.

**Part-Time, Economic Reasons.** The item includes slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. (See also Full-Time Worker.)

**Part-Time Other Reasons.** The item includes labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season.

**Part-Time Work.** Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

**Part-Year Work.** Part-year work is classified as less than 50 weeks' work.

**Pension Plan.** The pension plan question on the March CPS attempted to identify if pension plan coverage was available through an employer or union and if the employee was included. This information was collected for civilian persons 15 years old and over who worked during the previous calendar year.

**Population Coverage.** Population coverage includes the civilian population of the United States plus approximately 820,000 members of the Armed Forces in the United States living off post or with their families on post but excludes all other members of the Armed Forces. This file excludes inmates of institutions. The labor force and work experience data are not



collected for Armed Forces members.

Poverty. In this file, families and unrelated individuals are classified as being above or below the poverty level using a poverty index adopted by a Federal Interagency Committee in 1969 and slightly modified in 1981.

The modified index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account family size, number of children, and age of the family householder or unrelated individual; prior to 1981, adjustments were also made on the basis of farm-nonfarm residence and sex of the householder. The impact of these revisions on the poverty estimates is minimal at the national level. The poverty cutoffs are updated every year to reflect changes in the Consumer Price Index. The average poverty threshold for a family of four was \$12,091 in 1985. For a detailed explanation of the poverty definition, see Current Population Reports, Series P-60, No. 154, Money Income and Poverty Status of Persons in the United States: 1988.

Public Assistance. (See Income.)

Public or Other Subsidized Housing. Participation in public housing is determined by two factors: program eligibility and the availability of housing. Income standards for initial and continuing occupancy vary by local housing authority, although the limits are constrained by Federal guidelines. Rental charges, which, in turn, define net benefits, are set by a Federal statute not to exceed 30 percent of net monthly money income. A recipient unit can either be a family of two or more related persons or an individual who is handicapped, elderly, or displaced by urban renewal or natural disaster.

There are some programs through which housing assistance is provided to low-income families and individuals living in public or privately owned dwellings. Two of the more common types of programs in which Federal, State, and local funds are used to subsidize private sector housing are rent supplement and interest reduction plans. Under a rent supplement plan the difference between the "fair market" rent and the rent charged to the tenant is paid to the owner by a government agency. Under an interest reduction program the amount of interest paid on the mortgage by the owner is reduced so that subsequent savings can be passed along to low income tenants in the form of lower rent charges.

There were two questions dealing with public and low cost housing on the March CPS supplement questionnaire. The first question identifies residence in a housing unit owned by a public agency. The second question identifies beneficiaries who were not living in public housing projects, but who were paying lower rent due to a government subsidy. These questions differ from other questions covering noncash benefits in that they establish current reciprocity status in March of the current year rather than reciprocity status during the previous year.

Race. The population is divided into five groups on the basis of race: White, Black, American Indian/Aleut Eskimo, Asian or Pacific Islander and Other races beginning with March 1989. The last category includes any other race except the four mentioned. In most of the published tables, "Other Races" are shown in total population.

Receipts Not Counted as Income. Receipts from the following sources are

not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person was engaged in the business of selling such property, in which case the net proceeds would be counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances or insurance payments.

Reentrants. Persons who previously worked at a full-time job lasting two weeks or longer but who are out of the labor force prior to beginning to look for work.

Related Children. Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption. For each type of family unit identified in the CPS, the count of own children under 18 years old is limited to single (never married) children; however, "own children under 25" and "own children of any age," include all children regardless of marital status. The totals include never-married children living away from home in college dormitories.

Related Subfamily. A related subfamily is a married couple with or without children, or one parent with one or more own single (never married) children under 18 years old, living in a household and related to, but not including, the householder or spouse. The most common example of a related subfamily is a young married couple sharing the home of the husband's or wife's parents. The number of related subfamilies is not included in the number of families.

School. A person who spent most of his time during the survey week attending any kind of public or private school, including trade or vocational schools in which students receive no compensation in money or kind.

School Lunches. The National School Lunch Program is designed to assist States in providing a school lunch for all children at moderate cost. The National School Lunch Act of 1946 was further amended in 1970 to provide free and reduced-price school lunches for children of needy families. The program is administered by the Food and Nutrition Service of the U.S. Department of Agriculture (USDA) through State educational agencies or through regional USDA nutrition services for nonprofit private schools. The program is funded by a combination of Federal funds and matching State funds.

All students eating lunches prepared at participating schools pay less than the total cost of the lunches. Some students pay the "full established" price for lunch (which itself is subsidized) while others pay a "reduced" price for lunch, and still others receive a "free" lunch. Program regulations require students receiving free lunches to live in households with incomes below 125 percent of the official poverty level. Those students receiving a reduced-price school lunch (10 to 20 cents per meal) live in households with incomes between 125 percent and 195 percent of the official poverty level. The data in this file, however, do not distinguish between reciprocity of free and reduced-price school lunches.

The questions on the March CPS provide a very limited amount of data for the school lunch program. Questions concerning the school lunch program were designed to identify the number of members 5 to 18 years old in

households who "usually" ate a hot lunch. This defined the universe of household members usually receiving this noncash benefit. This was followed by a question to identify the number of members receiving free or reduced price lunches.

Self-Employed. Self-employed persons are those who work for profit or fees in their own business, profession or trade, or operate a farm.

Stretches of Unemployment. A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the period of seeking work.

Topcode. For confidentiality purposes, usual hourly earnings from the current job and earnings from the longest job are topcoded, i.e., cut off at a particular amount.

Refer to Appendix F for an explanation and topcode values of hourly earnings from the current job. Earnings from the longest job are collected during enumeration up to \$299,999; however, the amount is topcoded on the public use file at \$99,999.

From the supplement, total person's income is the sum of the amounts from the individual income types; total family income is the sum of the total persons income for each family member; total household income is the sum of the total income for each person in the household.

Total Money Income. The term is defined as the arithmetic sum of money wages and salaries, net income from self-employment, and income other than earnings. The total income of a household is the arithmetic sum of the amounts received by all income recipients in the household.

Unable to Work. A person is classified as unable to work because of long-term physical or mental illness, lasting six months or longer.

Unemployed. (See Labor Force.)

Unemployment Compensation. (See Income.)

Unpaid Family Workers. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

Unrelated Individuals. Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

Unrelated Subfamily. An unrelated subfamily is a family that does not

include among its members the householder and relatives of the householder. Members of unrelated subfamilies may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated subfamily members is included in the number of household members but is not included in the count of family members.

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies is so small that persons in these unrelated subfamilies are included in the count of secondary individuals.

Veteran Status. If a person served at any time during the four major wars of this century, the code for the most recent wartime service is entered. The following codes are used:

|   |                            |
|---|----------------------------|
| 0 | Females, children under 15 |
| 1 | Vietnam era                |
| 2 | Korean                     |
| 3 | WWI                        |
| 4 | WWII                       |
| 5 | Other Service              |
| 6 | Nonveteran                 |

Wage and Salary Workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Also included are persons who are self-employed in an incorporated business. (See income.)

Weeks Worked in the Income Year. Persons are classified according to the number of different weeks, during the preceding calendar year, in which they did any civilian work for pay or profit (including paid vacations and sick leave) or worked without pay on a family-operated farm or business.

Workers. (See Labor Force--Employed.)

Work Experience. Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

Year-Round Full-Time Worker. A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

Years of School Completed. Data on years of school completed are derived from the combination of answers to questions concerning the highest grade of school attended by the person and whether or not that grade is finished. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

## GLOSSARY

### Geographic Concepts

Geographic Division. An area composed of contiguous States, with Alaska and Hawaii also included in one of the divisions. (A State is one of the 51 major political units in the United States.) The nine geographic divisions have been largely unchanged for the presentation of summary statistics since the 1910 census.

Regions. There are four regions: Northeast, Midwest (formerly North Central), West, and South. States and divisions within regions are presented below.

#### NORTHEAST REGION

##### New England Division

Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont

##### Middle Atlantic Division

New Jersey  
New York  
Pennsylvania

#### MIDWEST REGION

##### East North Central Division

Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin

##### West North Central Division

Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

#### WEST REGION

##### Mountain Division

Arizona  
Colorado  
Idaho  
Montana  
Nevada  
Utah  
Wyoming

##### Pacific Division

Alaska  
California  
Hawaii  
Oregon  
Washington

#### SOUTH REGION

##### East South Central Division

##### West South Central Division

Alabama  
Kentucky  
Mississippi  
Tennessee

Arkansas  
Louisiana  
Oklahoma  
Texas

South Atlantic Division

Delaware  
District of Columbia  
Florida  
Georgia  
Maryland  
North Carolina  
South Carolina  
Virginia  
West Virginia

1. The Midwest Region was designated as the North Central Region until June 1964.

HOW TO USE THE DATA DICTIONARY

The Data Dictionary describes the contents and record layout of the public-use computer tape file. The first line of each data item description gives the data name, size of the data field, relative begin position of the field, and the range of the values.

The next few lines contain descriptive text and any applicable notes. Categorical value codes and labels are given where needed. Comment notes marked by an (\*) are provided throughout. Comments should be removed from the machine-readable version of the data dictionary before using it to help access the data file.

Data. Alphabetic, numeric, and the special character (-). No other special characters are used. It may be a mnemonic such as "H-HHTYPE" or "HFIN-YN", or a sequential identifier such as "MIG-MTR1" or "SUR-SC1". Data item names are unique throughout the entire file (all 3 record types).

Size. Numeric. The size of a data item is given in characters. Indication of implied decimal places is provided in notes.

Begin. Numeric. Contains the location in the data record of the first character position of the data item field.

Category Value. Numeric. Contains the range of values for the given data item.

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size, and begin position of each data item. This information (in machine-readable form) can be used to help access the data file. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the

character "V". The special character (.) denotes the start of the value labels. Two examples of data item descriptions follow:

```

D H-HHTYPE      1      20      (1:3)
  Type of household
U All households
V          1 .Interview
V          2 .Type A non-interview
V          3 .Type B/C non-interview

D MIG-MTR1      2      218     (01:09)
  Migration recode
U MIGSAME = 2
V          01 .Nonmover
V          02 .MSA to MSA
V          03 .MSA to nonMSA
V          04 .NonMSA to MSA
V          05 .NonMSA to nonMSA
V          06 .Abroad to MSA
V          07 .Abroad to nonMSA
V          08 .Not in universe (children
V              .under 1 year old)
V          09 .Not identifiable

```

#### How to Distinguish Supplement Variables from Monthly Variables

Monthly variables have a prefix and trailer as follows:

1. H-, HG-, or H% for household record variables.
2. A-, A% for person record variables.
3. The family record contains no monthly variables.

Supplement variables are all one string or they have a suffix. For example HFIN-YN is a supplement variable on the household record.

DATA DICTIONARY INDEX  
Current Population Survey, March 1988--1990 on CD-ROM

#### Household Record

| Item  | Mnemonic | Location |
|---|----------|----------|
| 1960 Census State code                          | HG-ST60  | 40       |
| 1980 State rank                                 | HG-STRN  | 42       |
| Alimony payments income                         | HALMVAL  | 225      |
| Alimony payments received                       | HALM-YN  | 224      |
| Allocation flags for basic CPS                  | H%HHNUM  | 296      |
| Allocation flags for basic CPS                  | H%LIVQRT | 297      |
| Allocation flags for basic CPS                  | H%TELAVL | 300      |
| Allocation flags for basic CPS                  | H%TELHHD | 299      |
| Allocation flags for basic CPS                  | H%TELINT | 301      |
| Allocation flags for basic CPS                  | H%TENURE | 295      |
| Allocation flags for supplement household items | I-HCHI   | 304      |
| Allocation flags for supplement household items | I-HCHINN | 307      |
| Allocation flags for supplement household items | I-HCHINO | 305      |

|   |          |     |
|---|----------|-----|
| Allocation flags for supplement household items                 | I-HCHINR | 306 |
| Allocation flags for supplement household items                 | I-HCMCAR | 302 |
| Allocation flags for supplement household items                 | I-HCMCEN | 303 |
| Allocation flags for supplement household items                 | I-HENGAS | 318 |
| Allocation flags for supplement household items                 | I-HENGVA | 319 |
| Allocation flags for supplement household items                 | I-HFDVAL | 315 |
| Allocation flags for supplement household items                 | I-HFLUNC | 310 |
| Allocation flags for supplement household items                 | I-HFLUNN | 311 |
| Allocation flags for supplement household items                 | I-HFOODM | 317 |
| Allocation flags for supplement household items                 | I-HFOODN | 316 |
| Allocation flags for supplement household items                 | I-HFOODS | 314 |
| Allocation flags for supplement household items                 | I-HHOTLU | 308 |
| Allocation flags for supplement household items                 | I-HHOTNO | 309 |
| Allocation flags for supplement household items                 | I-HLOREN | 313 |
| Allocation flags for supplement household items                 | I-HPUBLI | 312 |
| Central city MSA status code                                    | HCCC-R   | 58  |
| Champus, VA, or military health care                            | HCHAMP   | 276 |
| Child support income  | HCSVAL   | 217 |
| Child support payments  | HCSP-YN  | 216 |
| Children covered by insurance of person not living in household | HCHINNO  | 67  |
| Children covered by insurance of person not living in household | HCHINO   | 65  |
| Children covered by insurance of person not living in household | HCHINRH  | 66  |
| Children covered by Medicare                                    | HCMCARE  | 62  |
| Children covered by Medicare                                    | HCMCENO  | 63  |
| Children covered by other health insurance                      | HCHI     | 64  |
| Children receiving free lunch                                   | HFLUNNO  | 73  |
| Children receiving free or reduced price lunches                | HFLUNCH  | 72  |
| CMSA code   | HG-CMSA  | 53  |
| Control Card Family Income                                      | H-FAMINC | 10  |
| Disability benefits   | HDIS-YN  | 168 |
| Disability income   | HDISVAL  | 169 |
| Dividend income   | HDIVVAL  | 193 |
| Dividend payments   | HDIV-YN  | 192 |
| Education assistance income                                     | HEDVAL   | 209 |
| Educational assistance benefits                                 | HED-YN   | 208 |
| Energy assistance benefits                                      | HENGAST  | 85  |
| Energy assistance income  | HENGVAL  | 86  |
| Families in household   | HNUMFAM  | 23  |
| Farm definition   | HFARM    | 59  |
| Farm income   | HFRVAL   | 107 |
| Farm self-employment  | HINC-FR  | 106 |
| Financial assistance income                                     | HFINVAL  | 233 |
| Financial assistance payments                                   | HFIN-YN  | 232 |
| Food stamps recipients  | HFOODSP  | 76  |
| Food stamps value   | HFDVAL   | 81  |
| Food stamps, children covered                                   | HFOODNO  | 77  |
| Food stamps, months covered                                     | HFOODMO  | 79  |
| Health insurance coverage                                       | HHI-YN   | 277 |
| Hot lunch eaten by children at school                           | HHOTLUN  | 70  |
| Hot lunch, number of children who ate at school                 | HHOTNO   | 71  |
| Household earnings, total value                                 | HEARNVAL | 256 |
| Household income  | HOIVAL   | 241 |
| Household income percentiles                                    | HTOP5PCT | 281 |
| Household income percentiles, national rank                     | HPCTCUT  | 282 |



|  |          |     |
|--|----------|-----|
| Household income, total  | HHINC    | 272 |
| Household income, total value  | HTOTVAL  | 248 |
| Household number   | H-HHNUM  | 30  |
| Household record   | HRECORD  | 1   |
| Household sequence number  | H-SEQ    | 2   |
| Household status   | HHSTATUS | 278 |
| Household type   | H-TYPE   | 25  |
| Household type   | H-HHTYPE | 20  |
| Housing unit type  | H-TYPEBC | 33  |
| Income payments, other   | HOI-YN   | 240 |
| Income, value of other types   | HOTHVAL  | 264 |
| Individual Central City Code   | INDCCODE | 285 |
| Interest payments  | HINT-YN  | 184 |
| Interest income  | HINTVAL  | 185 |
| Line number of household respondent                                    | H-RESPNM | 12  |
| Living quarters type   | H-LIVQRT | 31  |
| March supplement household weight                                      | HSUP-WGT | 287 |
| Medicaid coverage  | HMCAID   | 275 |
| Medicare coverage  | HMCARE   | 274 |
| Modified MSA status code   | HMSA-R   | 57  |
| Month in sample  | H-MIS    | 29  |
| Month of survey  | H-MONTH  | 26  |
| MSA or CMSA rank   | HG-MSAR  | 50  |
| MSA or PMSA FIPS Code  | HG-MSAC  | 44  |
| MSA size   | HMSSZ    | 55  |
| MSA/PMSA size  | HPMSASZ  | 56  |
| Number of units in this structure                                      | HUUNITS  | 9   |
| Own business self-employment   | HINC-SE  | 98  |
| Persons in household   | H-NUMPER | 21  |
| Persons in household age 5 to 18                                       | HH5TO18  | 68  |
| Persons in household under age 15                                      | HUNDER15 | 60  |
| Persons in household under age 18                                      | HUNDER18 | 279 |
| PMSA rank  | HG-PMSA  | 48  |
| Public assistance  | HPAW-YN  | 145 |
| Public assistance income   | HPAWVAL  | 146 |
| Public housing project   | HPUBLIC  | 74  |
| Record type indicator  | HHPOS    | 7   |
| Reduced rent, Federal, State, or local<br>government paid part of cost | HLORENT  | 75  |
| Region   | HG-REG   | 39  |
| Rental income  | HRNTVAL  | 201 |
| Rental payments  | HRNT-YN  | 200 |
| Retirement income  | HRETVAL  | 177 |
| Retirement payments  | HRET-YN  | 176 |
| Self employment income   | HSEVAL   | 99  |
| Social Security income   | HSSVAL   | 131 |
| Social Security payments   | HSS-YN   | 130 |
| Sunbelt recode   | HSUN     | 286 |
| Supplemental Security benefits   | HSSI-YN  | 138 |
| Supplemental Security income   | HSSIVAL  | 139 |
| Survivor benefits  | HSUR-YN  | 160 |
| Survivor income  | HSURVAL  | 161 |
| Telephone available  | H-TELAVL | 37  |
| Telephone in household   | H-TELHHD | 36  |
| Telephone interview acceptable   | H-TELINT | 38  |
| Tenure   | H-TENURE | 35  |
| Unemployment compensation  | HINC-UC  | 114 |

|                                  |         |      |
|----------------------------------|---------|------|
| Unemployment compensation income | HUCVAL  | 115  |
| Unique household identification  | H-IDNUM | 320  |
| Unique segment identifier        | SCMST   | 15 * |
| Veterans' payments income        | HVET-YN | 152  |
| Veterans' payments income        | HVETVAL | 153  |
| Wage and salary                  | HINC-WS | 90   |
| Wages and salaries value         | HWSVAL  | 91   |
| Worker's compensation income     | HWCVAL  | 123  |
| Workers compensation             | HINC-WC | 122  |
| Year of survey - last digit      | H-YEAR  | 28   |

\* 1991 only

#### Family Record

| Item  | Mnemonic | Location |
|---|----------|----------|
| Alimony payments  | FINC-ALM | 181      |
| Alimony income  | FALMVAL  | 182      |
| Child support payments  | FINC-CSP | 173      |
| Child support value   | FCSPVAL  | 174      |
| Disability income   | FDISVAL  | 126      |
| Disability payments   | FINC-DIS | 125      |
| Dividend income   | FDIVVAL  | 150      |
| Dividend payments   | FINC-DIV | 149      |
| Education benefits  | FINC-ED  | 165      |
| Education income  | FEDVAL   | 166      |
| Family earnings, total value  | FEARNVAL | 213      |
| Family income - other   | FOIVAL   | 198      |
| Family income, total other  | FOTHVAL  | 221      |
| Family record   | FRECORD  | 1        |
| Family spouse index in persons record   | FSPOUIDX | 19       |
| Family type   | FTYPE    | 10       |
| Farm income   | FFRVAL   | 64       |
| Farm self-employment  | FINC-FR  | 63       |
| Financial assistance income   | FFINVAL  | 190      |
| Financial assistance payments   | FINC-FIN | 189      |
| Household sequence number   | FH-SEQ   | 5        |
| Householder or reference person weight  | FSUP-WGT | 233      |
| Income percentiles  | FPCTCUT  | 30       |
| Index to persons record of family husband   | FHUSBIDX | 17       |
| Index to persons record of family reference person  | FHEADIDX | 13       |
| Index to persons record of family wife  | FWIFEIDX | 15       |
| Interest income   | FINTVAL  | 142      |
| Interest payments   | FINC-INT | 141      |
| Kind of family  | FKIND    | 9        |
| Last member of family person record index.<br>Primary family includes related subfamily members | FLASTIDX | 21       |
| Last member of family person record index.<br>Primary family excludes related subfamily members | FMLASIDX | 23       |
| Low income cutoff dollar amount   | FPOVCUT  | 32       |
| Low income cutoff dollar amount of related subfamily  | FRSPPCT  | 42       |
| Number of persons in family   | FPERSONS | 11       |

|   |          |     |
|---|----------|-----|
| Other income payments                                 | FINC-OI  | 197 |
| Own business self-employment                          | FINC-SE  | 55  |
| Own children in family under 6                        | FOWNU6   | 25  |
| Own never married children under 18                   | FOWNU18  | 27  |
| Public assistance family income                       | FPAWVAL  | 103 |
| Public assistance or welfare benefits                 | FINC-PAW | 102 |
| Ratio of family income to low-income level            | POVLL    | 38  |
| Ratio of related subfamily income to low-income level | FRSPOV   | 40  |
| Ratio of family income to low-income level            | FAMLIS   | 37  |
| Record type and sequence indicator                    | FFPOS    | 7   |
| Record type and sequence indicator                    | FFPOSOLD | 241 |
| Related persons in family under 18                    | FRELU18  | 29  |
| Related persons in family under 6                     | FRELU6   | 28  |
| Rental family income                                  | FRNTVAL  | 158 |
| Rental payments                                       | FINC-RNT | 157 |
| Retirement family income                              | FRETVAL  | 134 |
| Retirement payments                                   | FINC-RET | 133 |
| Self employment income                                | FSEVAL   | 56  |
| Social Security benefits                              | FINC-SS  | 87  |
| Social Security family income family income           | FSSVAL   | 88  |
| Spanish origin of reference person or spouse          | FSPANISH | 231 |
| Supplemental Security benefits                        | FINC-SSI | 95  |
| Supplemental Security family income                   | FSSIVAL  | 96  |
| Survivor family income                                | FSURVAL  | 118 |
| Survivor's payments                                   | FINC-SUR | 118 |
| Total family income                                   | FTOT-R   | 17  |
| Total family income                                   | FTOTVAL  | 229 |
| Unemployment compensation                             | FINC-UC  | 205 |
| Unemployment compensation family income               | FUCVAL   | 71  |
| Veteran payments family income                        | FVETVAL  | 7   |
| Veterans' benefits                                    | FINC-VET | 110 |
| Wage and salary                                       | FINC-WS  | 109 |
| Wages and salaries family income                      | FWSVAL   | 47  |
| Worker's compensation family income                   | FWCVAL   | 48  |
| Workers compensation                                  | FINC-WC  | 79  |

Person Record

| Item   | Mnemonic | Location |
|--|----------|----------|
| 665 Person match                                   | FL-665   | 465 *    |
| Absent from job or business or on layoff last week | A-JOBABS | 84       |
| Absent from work last week, reason                 | A-WHYABS | 85       |
| Activity most of last week                         | A-MAJACT | 74       |
| AFDC or some other type of assistance received     | PAW-TYP  | 302      |
| Age  | A-AGE    | 15       |
| Age allocation flag                                | A%AGE    | 491      |
| Age recode, persons 15+ years                      | AGE1     | 40       |
| Alimony income received                            | ALM-VAL  | 421      |
| Alimony payments                                   | ALM-YN   | 420      |
| Allocation flag for basic CPS                      | A%AVAIL  | 518      |
| Allocation flag for basic CPS                      | A%CHKWJ  | 524      |
| Allocation flag for basic CPS                      | A%CLSWKR | 523      |
| Allocation flag for basic CPS                      | A%EARNRT | 531      |

|                                      |          |     |
|--------------------------------------|----------|-----|
| Allocation flag for basic CPS        | A%ENRCHK | 538 |
| Allocation flag for basic CPS        | A%ENRLW  | 539 |
| Allocation flag for basic CPS        | A%FTABS  | 512 |
| Allocation flag for basic CPS        | A%FTPT   | 541 |
| Allocation flag for basic CPS        | A%FTREAS | 506 |
| Allocation flag for basic CPS        | A%GRSWK  | 535 |
| Allocation flag for basic CPS        | A%HGA    | 496 |
| Allocation flag for basic CPS        | A%HGC    | 497 |
| Allocation flag for basic CPS        | A%HRLYWK | 533 |
| Allocation flag for basic CPS        | A%HRS    | 503 |
| Allocation flag for basic CPS        | A%HRSCHK | 504 |
| Allocation flag for basic CPS        | A%HRSPAY | 534 |
| Allocation flag for basic CPS        | A%HSCOL  | 540 |
| Allocation flag for basic CPS        | A%IND    | 521 |
| Allocation flag for basic CPS        | A%INTEND | 530 |
| Allocation flag for basic CPS        | A%JOBABS | 509 |
| Allocation flag for basic CPS        | A%LFSR   | 500 |
| Allocation flag for basic CPS        | A%LINENO | 488 |
| Allocation flag for basic CPS        | A%LKFTPT | 517 |
| Allocation flag for basic CPS        | A%LKWK   | 513 |
| Allocation flag for basic CPS        | A%LOSTIM | 507 |
| Allocation flag for basic CPS        | A%MAJACT | 501 |
| Allocation flag for basic CPS        | A%MARITL | 492 |
| Allocation flag for basic CPS        | A%MTHD   | 514 |
| Allocation flag for basic CPS        | A%NLFLJ  | 526 |
| Allocation flag for basic CPS        | A%NLFROT | 525 |
| Allocation flag for basic CPS        | A%OCC    | 522 |
| Allocation flag for basic CPS        | A%OVRTIM | 508 |
| Allocation flag for basic CPS        | A%PAYABS | 511 |
| Allocation flag for basic CPS        | A%UNCOV  | 537 |
| Allocation flag for basic CPS        | A%UNMEM  | 536 |
| Allocation flag for basic CPS        | A%USLFT  | 505 |
| Allocation flag for basic CPS        | A%USLHRS | 532 |
| Allocation flag for basic CPS        | A%WANTJB | 528 |
| Allocation flag for basic CPS        | A%WHENLJ | 520 |
| Allocation flag for basic CPS        | A%WHYABS | 510 |
| Allocation flag for basic CPS        | A%WHYLFT | 527 |
| Allocation flag for basic CPS        | A%WHYLK  | 515 |
| Allocation flag for basic CPS        | A%WHYNA  | 519 |
| Allocation flag for basic CPS        | A%WHYNL  | 529 |
| Allocation flag for basic CPS        | A%WKSLK  | 516 |
| Allocation flag for March supplement | I-ALMVAL | 599 |
| Allocation flag for March supplement | I-ALMYN  | 598 |
| Allocation flag for March supplement | I-CHAMP  | 627 |
| Allocation flag for March supplement | I-CSPVAL | 597 |
| Allocation flag for March supplement | I-CSPYN  | 596 |
| Allocation flag for March supplement | I-DISCS  | 576 |
| Allocation flag for March supplement | I-DISHP  | 575 |
| Allocation flag for March supplement | I-DISSC1 | 573 |
| Allocation flag for March supplement | I-DISSC2 | 574 |
| Allocation flag for March supplement | I-DISTYP | 578 |
| Allocation flag for March supplement | I-DISVL1 | 579 |
| Allocation flag for March supplement | I-DISVL2 | 580 |
| Allocation flag for March supplement | I-DISYN  | 577 |
| Allocation flag for March supplement | I-DIVVAL | 589 |
| Allocation flag for March supplement | I-DIVYN  | 588 |
| Allocation flag for March supplement | I-EDTYP1 | 593 |

|                                      |           |        |
|--------------------------------------|-----------|--------|
| Allocation flag for March supplement | I-EDTYP2  | 594    |
| Allocation flag for March supplement | I-EDYN    | 592    |
| Allocation flag for March supplement | I-ERNSRC  | 623    |
| Allocation flag for March supplement | I-ERNVAL  | 543    |
| Allocation flag for March supplement | I-ERNYN   | 542    |
| Allocation flag for March supplement | I-FINVAL  | 601    |
| Allocation flag for March supplement | I-FINYN   | 600    |
| Allocation flag for March supplement | I-FRMVAL  | 549    |
| Allocation flag for March supplement | I-FRMYN   | 548    |
| Allocation flag for March supplement | I-HIELSE  | 632    |
| Allocation flag for March supplement | I-HIEMP   | 630    |
| Allocation flag for March supplement | I-HIOWN   | 629    |
| Allocation flag for March supplement | I-HIP Aid | 631    |
| Allocation flag for March supplement | I-HIYN    | 628    |
| Allocation flag for March supplement | I-HRCHK   | 612    |
| Allocation flag for March supplement | I-HRSWK   | 611    |
| Allocation flag for March supplement | I-INDUS   | 617    |
| Allocation flag for March supplement | I-INTVAL  | 587    |
| Allocation flag for March supplement | I-INTYN   | 586    |
| Allocation flag for March supplement | I-LJCW    | 616    |
| Allocation flag for March supplement | I-LKSTR   | 608    |
| Allocation flag for March supplement | I-LKWEEK  | 607    |
| Allocation flag for March supplement | I-LOSEWK  | 606    |
| Allocation flag for March supplement | I-MCAID   | 626    |
| Allocation flag for March supplement | I-MCARE   | 625    |
| Allocation flag for March supplement | I-MIG1    | 635 *  |
| Allocation flag for March supplement | I-MIG2    | 635 ** |
| Allocation flag for March supplement | I-MIG4    | 636    |
| Allocation flag for March supplement | I-NOEMP   | 624    |
| Allocation flag for March supplement | I-NWLKWK  | 604    |
| Allocation flag for March supplement | I-NWLOOK  | 603    |
| Allocation flag for March supplement | I-OCCUP   | 618    |
| Allocation flag for March supplement | I-OEDVAL  | 595    |
| Allocation flag for March supplement | I-OIVAL   | 602    |
| Allocation flag for March supplement | I-PAWMO   | 562    |
| Allocation flag for March supplement | I-PAWTYP  | 560    |
| Allocation flag for March supplement | I-PAWVAL  | 561    |
| Allocation flag for March supplement | I-PAWYN   | 559    |
| Allocation flag for March supplement | I-PENINC  | 634    |
| Allocation flag for March supplement | I-PENPLA  | 633    |
| Allocation flag for March supplement | I-PHMEMP  | 610    |
| Allocation flag for March supplement | I-PTRSN   | 615    |
| Allocation flag for March supplement | I-PTWKS   | 614    |
| Allocation flag for March supplement | I-PTYN    | 613    |
| Allocation flag for March supplement | I-PYRSN   | 609    |
| Allocation flag for March supplement | I-RETSC1  | 582    |
| Allocation flag for March supplement | I-RETSC2  | 583    |
| Allocation flag for March supplement | I-RETVL1  | 584    |
| Allocation flag for March supplement | I-RETVL2  | 585    |
| Allocation flag for March supplement | I-RETYN   | 581    |
| Allocation flag for March supplement | I-RNTVAL  | 591    |
| Allocation flag for March supplement | I-RNTYN   | 590    |
| Allocation flag for March supplement | I-RSNNOT  | 605    |
| Allocation flag for March supplement | I-SEVAL   | 547    |
| Allocation flag for March supplement | I-SEYN    | 546    |
| Allocation flag for March supplement | I-SSIVAL  | 558    |
| Allocation flag for March supplement | I-SSIYN   | 557    |

|   |          |     |
|---|----------|-----|
| Allocation flag for March supplement                                  | I-SSVAL  | 556 |
| Allocation flag for March supplement                                  | I-SSYN   | 555 |
| Allocation flag for March supplement                                  | I-SURSC1 | 569 |
| Allocation flag for March supplement                                  | I-SURSC2 | 570 |
| Allocation flag for March supplement                                  | I-SURTYP | 568 |
| Allocation flag for March supplement                                  | I-SURVL1 | 571 |
| Allocation flag for March supplement                                  | I-SURVL2 | 572 |
| Allocation flag for March supplement                                  | I-SURYN  | 567 |
| Allocation flag for March supplement                                  | I-UCVAL  | 551 |
| Allocation flag for March supplement                                  | I-UCYN   | 550 |
| Allocation flag for March supplement                                  | I-VETQVA | 566 |
| Allocation flag for March supplement                                  | I-VETTYP | 564 |
| Allocation flag for March supplement                                  | I-VETVAL | 565 |
| Allocation flag for March supplement                                  | I-VETYN  | 563 |
| Allocation flag for March supplement                                  | I-WCTYP  | 553 |
| Allocation flag for March supplement                                  | I-WCVAL  | 554 |
| Allocation flag for March supplement                                  | I-WCYN   | 552 |
| Allocation flag for March supplement                                  | I-WKCHK  | 622 |
| Allocation flag for March supplement                                  | I-WKSWK  | 621 |
| Allocation flag for March supplement                                  | I-WORKYN | 619 |
| Allocation flag for March supplement                                  | I-WSVAL  | 545 |
| Allocation flag for March supplement                                  | I-WSYN   | 544 |
| Allocation flag for March supplement                                  | I-WTEMP  | 620 |
| Any work allocation flag  | A%ANYWK  | 502 |
| Any work dones last week  | A-ANYWK  | 75  |
| Attending or enrolled in high school,<br>college, or university       | A-HSCOL  | 143 |
| Attending or enrolled in high school,<br>college, or university       | A-ENRLW  | 142 |
| Available for a job if offered one                                    | A-AVAIL  | 100 |
| Child covered by health insurance                                     | CH-HI    | 487 |
| Child covered by medicare   | CH-MC    | 486 |
| Child support payments received                                       | CSP-YN   | 414 |
| Child support payments value  | CSP-VAL  | 415 |
| Children in household   | HIELSE2  | 477 |
| Children not in household   | HIELSE3  | 478 |
| Civilian labor force status   | A-CIVLF  | 152 |
| Class of worker   | A-CLSWKR | 109 |
| Class of worker   | LJCW     | 189 |
| Class of worker recode  | A-RCOW   | 164 |
| Covered by Champus, VA, or military<br>health care                    | CHAMP    | 471 |
| Current activity/reason not looking                                   | A-NLFREA | 147 |
| Current earnings, hourly pay  | A-WERNTF | 641 |
| Detailed industry code  | A-DTIND  | 157 |
| Detailed occupation code  | A-DTOCC  | 161 |
| Disability income, source 1   | DIS-VAL1 | 350 |
| Disability income, source 2   | DIS-VAL2 | 355 |
| Disability income other than Social<br>Security or Veterans' benefits | DIS-YN   | 345 |
| Disability income, other  | DIS-SC2  | 348 |
| Disability income, total  | DSAB-VAL | 360 |
| Dividends received  | DIV-YN   | 391 |
| Earners Status Recode   | EARNER   | 201 |
| Earnings before deductions, value                                     | ERN-VAL  | 228 |
| Earnings from employer or self-employment,<br>value                   | TCERNVAL | 637 |

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|--|----------|-----|
| Earnings from longest job                                    | ERN-YN   | 227 |
| Earnings per hour  | A-HRSPAY | 131 |
| Earnings per week at job before deductions                   | A-GRSWK  | 135 |
| Earnings, total value  | PEARVAL  | 448 |
| Earnings/not in labor force weight                           | A-ERNLWT | 58  |
| Educational assistance                                       | ED-YN    | 404 |
| Educational assistance, government                           | OED-TYP1 | 405 |
| Educational assistance, other                                | OED-TYP3 | 407 |
| Educational assistance, scholarships,<br>grants etc.         | OED-TYP2 | 406 |
| Educational assistance, total value                          | ED-VAL   | 408 |
| Employment status, time worked or lost                       | A-WKSCH  | 151 |
| Expanded relationship code                                   | A-EXPRRP | 13  |
| Experienced labor force employment status                    | A-EXPLF  | 150 |
| Family number  | A-FAMNUM | 29  |
| Family relationship  | A-FAMREL | 32  |
| Family relationship, primary and unrelated<br>subfamily only | FAMREL   | 35  |
| Family type  | A-FAMTYP | 31  |
| Farm self employment income                                  | TCFFMVAL | 640 |
| Farm self-employment   | FRMOTR   | 262 |
| Farm self-employment   | FRSE-YN  | 268 |
| Farm self-employment earnings value                          | FRM-VAL  | 263 |
| Farm self-employment earnings, total value                   | FRSE-VAL | 269 |
| Final weight   | A-FNLWGT | 50  |
| Financial assistance   | FIN-YN   | 426 |
| Financial assistance income                                  | FIN-VAL  | 427 |
| FIPS State code  | GRIN-ST  | 216 |
| Full-time labor force  | A-FTLF   | 153 |
| Full/part-time worker  | WEXP     | 196 |
| Full/part-time status  | A-WKSTAT | 149 |
| Group health insurance, including dependents                 | COV-GH   | 484 |
| Health insurance plan coverage in own name                   | HIOWN    | 473 |
| Health insurance plan offered through employer<br>or union   | HIEMP    | 474 |
| Health plan portion paid by employer or union                | HIP Aid  | 475 |
| Health problem or a disability which prevents<br>working     | DIS-HP   | 343 |
| Highest grade attended                                       | A-HGA    | 22  |
| Highest grade completed                                      | A-HGC    | 24  |
| Hourly wages   | A-HRLYWK | 130 |
| Hours per week usually worked at job                         | A-USLHRS | 128 |
| Hours worked last week at all jobs                           | A-HRS1   | 76  |
| Hours worked per week  | HRSWK    | 181 |
| Household and Family Status                                  | HHDFMX   | 37  |
| Household sequence number                                    | PH-SEQ   | 2   |
| Household summary  | HHREL    | 34  |
| Income received, other                                       | OI-YN    | 434 |
| Income sources, other  | OI-OFF   | 432 |
| Income, other  | OI-VAL   | 435 |
| Income, other persons total value                            | POTHVAL  | 457 |
| Industry   | A-IND    | 103 |
| Industry of longest job                                      | INDUSTRY | 190 |
| Industry of longest job by detailed groups                   | WEIND    | 208 |
| Industry of longest job by major industry group              | WEMIND   | 210 |
| Interest income received                                     | INT-VAL  | 386 |
| Interest received  | INT-YN   | 385 |

|  |          |     |
|--|----------|-----|
| Interviewer check item                               | A-ENRCHK | 141 |
| Interviewer check item                               | HRCHECK  | 183 |
| Interviewer check item                               | WRK-CK   | 481 |
| Interviewer check item                               | A-HRSCHK | 78  |
| Interviewer check item                               | WKCHECK  | 173 |
| Job not taken, reason                                | A-WHYNA  | 101 |
| Labor force status recode                            | A-LFSR   | 145 |
| Labor union or of an employee association member     | A-UNMEM  | 139 |
| Last full/part-time job                              | A-NLFLJ  | 112 |
| Last time worked at a full/part-time job             | A-WHENLJ | 102 |
| Length of time looking for work                      | A-WKSLK  | 97  |
| Line number  | A-LINENO | 9   |
| Longest job class of worker                          | WECLW    | 203 |
| Longest job class of worker recode                   | CLWK     | 202 |
| Looking for full/part-time work                      | A-LKFTPT | 99  |
| Looking for job, did nothing                         | A-MTHD6  | 94  |
| Looking for job, employer directly                   | A-MTHD3  | 91  |
| Looking for job, friends or relatives                | A-MTHD4  | 92  |
| Looking for job, other methods                       | A-MTHD7  | 95  |
| Looking for job, placed or answered ads              | A-MTHD5  | 93  |
| Looking for job, private employment agency           | A-MTHD2  | 90  |
| Looking for job, public employment agency            | A-MTHD1  | 89  |
| Looking for work                                     | NWLOOK   | 167 |
| Looking for work during next 12 months               | A-INTEND | 126 |
| Looking for work during past 4 weeks                 | A-LKWK   | 88  |
| Looking for work, reason                             | A-WHYLK  | 96  |
| Lost time or time taken off from work,<br>any reason | A-LOSTIM | 82  |
| Low-income level of persons recode                   | PERLIS   | 468 |
| Major industry code                                  | A-MJIND  | 155 |
| Major occupation code                                | A-MJOCC  | 159 |
| March supplement final weight                        | MARSUPWT | 66  |
| Marital status                                       | A-MARITL | 17  |
| Medicaid coverage                                    | MCAID    | 470 |
| Medicare coverage                                    | MCARE    | 469 |
| Migration recode                                     | MIG-MTR1 | 218 |
| Migration recode                                     | MIG-MTR3 | 220 |
| Migration recode                                     | MIG-MTR4 | 221 |
| Money earned from other work                         | ERN-OTR  | 235 |
| MSA status description of residence                  | GRN-PLAC | 224 |
| No dividends received                                | DIV-NON  | 392 |
| Nonfarm self employment income                       | TCSEVAL  | 639 |
| Not looking for work reason                          | PYRSN    | 179 |
| Number of employers                                  | PHMEMPRS | 180 |
| Occupation   | A-OCC    | 106 |
| Occupation of longest job                            | OCCUP    | 193 |
| Occupation of longest job                            | POCCU2   | 204 |
| Occupation of longest job by major groups            | WEMOCC   | 206 |
| Origin   | A-REORGN | 27  |
| Origin allocation flag for basic CPS                 | A%ORIGIN | 499 |
| Other wage and salary earnings                       | WAGEOTR  | 236 |
| Others in household                                  | HIELSE5  | 480 |
| Overtime work or worked at more than one job         | A-OVRTIM | 83  |
| Own business self-employment                         | SEMP-YN  | 255 |
| Own business self-employment earnings,<br>other work | SE-VAL   | 250 |
| Own business self-employment earnings,               |          |     |



|  |          |     |
|--|----------|-----|
| total value  | SEMP-VAL | 256 |
| Own business self-employment, other work                                     | SEOTR    | 249 |
| Parent's line number   | A-PARENT | 11  |
| Parent's line number allocation flag for<br>basic CPS                        | A%PARENT | 490 |
| Parent(s) present  | PARENT   | 39  |
| Pension or retirement income other than Social<br>Sec. or Veterans' benefits | RET-YN   | 366 |
| Pension plan participant   | PENINCL  | 483 |
| Pension plan provided by employer or union                                   | PENPLAN  | 482 |
| People employed at job   | NOEMP    | 226 |
| Person income, total   | PTOT-R   | 466 |
| Person income, total   | PTOTVAL  | 440 |
| Person record  | PRECORD  | 1   |
| Persons living in house last year  | MIGSAME  | 214 |
| Place description of residence last year                                     | PLACDSCP | 225 |
| Previous residence in sunbelt  | MIGSUN   | 223 |
| Previous residence region  | GRIN-REG | 215 |
| Primary family relationship  | A-PFREL  | 33  |
| Private health insurance plan coverage                                       | HI-YN    | 472 |
| Private health insurance, including dependents                               | COV-HI   | 485 |
| Public assistance or welfare value received                                  | PAW-VAL  | 305 |
| Public assistance received   | PAW-YN   | 301 |
| Race   | A-RACE   | 25  |
| Race allocation flag for basic CPS   | A%RACE   | 498 |
| Reason for not working   | RSNNOTW  | 170 |
| Reason for not working, believes no work<br>available                        | A-WHYNL1 | 115 |
| Reason for not working, can't arrange child<br>care                          | A-WHYNL6 | 120 |
| Reason for not working, couldn't find any work                               | A-WHYNL2 | 116 |
| Reason for not working, don't know   | A-WHYNLB | 125 |
| Reason for not working, employers think too<br>young or too old              | A-WHYNL4 | 118 |
| Reason for not working, family responsibilities                              | A-WHYNL7 | 121 |
| Reason for not working, ill health   | A-WHYNL9 | 123 |
| Reason for not working, in school or other<br>training                       | A-WHYNL8 | 122 |
| Reason for not working, lacks necessary<br>schooling, etc.                   | A-WHYNL3 | 117 |
| Reason for not working, other  | A-WHYNLA | 124 |
| Reason for not working, other personal handicap<br>in finding                | A-WHYNL5 | 119 |
| Reason left job  | A-WHYLFT | 113 |
| Record type and sequence indicator   | PPPOS    | 7   |
| Record type and sequence indicator   | PPPOSOLD | 110 |
| Regular job wanted, either full/part-time                                    | A-WANTJB | 144 |
| Relationship to reference person allocation flag<br>for basic CPS            | A%RRP    | 489 |
| Rent income  | RNT-VAL  | 399 |
| Rent income received   | RNT-YN   | 398 |
| Retire or leave a job for health reasons                                     | DIS-CS   | 344 |
| Retirement income received, total  | RTM-VAL  | 379 |
| Retirement income source, type 1   | RET-SC1  | 367 |
| Retirement income, other, type 2   | RET-SC2  | 368 |
| Retirement income, type 1  | RET-VAL1 | 369 |
| Retirement income, type 2  | RET-VAL2 | 374 |

|   |          |     |
|---|----------|-----|
| School enrollment, full-time or part-time                               | A-FTPT   | 144 |
| Self only in household  | HIELSE4  | 479 |
| Sequence number of parent in household                                  | PRNT-PTR | 48  |
| Sequence number pointer to family record                                | PF-SEQ   | 46  |
| Sequence number pointer to own family record<br>in household            | PHF-SEQ  | 44  |
| Sex   | A-SEX    | 20  |
| Sex allocation flag for basic CPS                                       | A%SEX    | 494 |
| Social Security payments received                                       | SS-YN    | 290 |
| Social Security payments received, value                                | SS-VAL   | 291 |
| Social Security payments, months received                               | PAW-MON  | 303 |
| Source of earnings from longest job                                     | ERN-SRCE | 234 |
| Source of income  | DIS-SC1  | 346 |
| Spouse in household   | HIELSE1  | 476 |
| Spouse's line number  | A-SPOUSE | 18  |
| Spouse's line number allocation flag for<br>basic CPS                   | A%SPOUSE | 493 |
| Status of person identifier   | P-STAT   | 26  |
| Stock dividends value   | DIV-VAL  | 393 |
| Supplemental Security income  | SSI-VAL  | 297 |
| Supplemental Security income received                                   | SSI-YN   | 296 |
| Supplemental unemployment benefits received                             | SUBUC    | 276 |
| Survivor's benefits other than Social Security<br>or Veterans' benefits | SUR-YN   | 322 |
| Survivor's income received, total                                       | SRVS-VAL | 337 |
| Survivor's income, source 1   | SUR-SC1  | 323 |
| Survivor's income, source 1   | SUR-VAL1 | 327 |
| Survivor's income, source 2   | SUR-SC2  | 325 |
| Survivor's income, source 2   | SUR-VAL2 | 332 |
| Temporary, part-time, or seasonal work                                  | WTEMP    | 166 |
| Total wage and salary earnings value                                    | WSAL-VAL | 243 |
| Unemployment compensation benefits                                      | UC-YN    | 275 |
| Unemployment compensation benefits value                                | UC-VAL   | 278 |
| Unemployment, reason  | A-UNTYPE | 146 |
| Union or employee association contract                                  | A-UNCOV  | 140 |
| Union unemployment or strike benefits received                          | STRKUC   | 277 |
| VA annual income questionnaire requirement                              | VET-QVA  | 316 |
| Veteran   | A-VET    | 21  |
| Veteran status allocation flag for basic CPS                            | A%VET    | 495 |
| Veterans' payments income   | VET-VAL  | 317 |
| Veterans' payments received   | VET-YN   | 310 |
| Veterans' payments, type 1  | VET-TYP1 | 311 |
| Veterans' payments, type 2  | VET-TYP2 | 312 |
| Veterans' payments, type 3  | VET-TYP3 | 313 |
| Veterans' payments, type 4  | VET-TYP4 | 314 |
| Veterans' payments, type 5  | VET-TYP5 | 315 |
| Wage and salary earnings in ERN-YN or WAGEOTR                           | WSAL-YN  | 242 |
| Wage and salary earnings, other, value                                  | WS-VAL   | 237 |
| Wage and salary income  | TCWSVAL  | 638 |
| Wages or salary received during week                                    | A-PAYABS | 86  |
| Weekly pay  | A-HERNTF | 642 |
| Weeks looking for job   | WEUEMP   | 200 |
| Weeks looking for work  | LKWEEKS  | 176 |
| Weeks looking for work in one stretch                                   | LKSTRCH  | 178 |
| Weeks looking for work on layoff  | NWLKWK   | 168 |
| Weeks lost from work  | LOSEWKS  | 174 |
| Weeks nonworker looked for job  | WELKNW   | 199 |

|  |          |     |
|--|----------|-----|
| Weeks worked                               | LKNONE   | 175 |
| Weeks worked                               | WKSWORK  | 171 |
| Weeks worked last year                     | WEWKRS   | 198 |
| Weeks worked less than 35 hours            | PTWEEKS  | 185 |
| Work at job or business during year        | WORKYN   | 165 |
| Worked 35 hours or more a week at job      | A-USLFT  | 79  |
| Worked 35 hours or more per week           | A-FTABS  | 87  |
| Worked less than 35 hours                  | PTYN     | 184 |
| Worked less than 35 hours per week, reason | PTRSN    | 187 |
| Worker's compensation payments received    | WC-YN    | 283 |
| Worker's compensation payments, type       | WC-TYPE  | 284 |
| Worker's compensation payments, value      | WC-VAL   | 285 |
| Works 35 hours or more a week at job       | A-FTREAS | 80  |
| Years of school completed                  | SCHL1    | 42  |

\* 1991 only

\*\* 1988-1990

#### MATCHING OF MARCH CPS FILES

There are two basic limitations in linking the March CPS files across years. First, only fifty percent of the sample is included in two consecutive years. Second, the residents within the eligible housing units may have changed or appeared as noninterview records in one or both years. The result is a matched sample of considerably less than the upper limit of fifty percent. The basic procedures and variables used to link two or more March CPS files are outlined below.

#### Sample Selection

The first step in matching year t with year t+1 is to select from year t those housing units with a "month in sample" value of 1 through 4, and from year t+1 those units with a "month in sample" value of 5 through 8. This will identify the sample subset eligible for matching. Within this subset, housing units in year t, month 1 will match only with units in year t+1, month 5, etc.

#### Matching Housing Units

Using one or more variables, it is possible to uniquely identify each housing unit in each sample rotation. However, because of changes in CPS procedures, the available information for matching housing units is not always identical. Below are the variables available for matching March CPS files.

Years: 1968-1971

Variables: Random Cluster Code (F6-10) and Serial Number (F11-14)

Years: 1971-1972

Changes in CPS clustering procedures and the accompanying change of household identification numbers prevent matching 1971 and 1972 March CPS files.

Years: 1972-1973

The 1972 file uses 1960 random cluster codes while the 1973 file uses 1970 random cluster codes, thus precluding the

matching of records.

Years: 1973-1975

Variables: Random Cluster Code (F7-11). Segment Number (F12-16), and Serial Number (F217-218)

Years: 1975-1976

Variables: 1975: Random Cluster Code (F7-11) Segment Number (F12-16), and Serial Number (F217-218)  
1976: Random Cluster Code (H35-39), Segment Number (H40-43), and Serial Number (H44-45)

Years: 1976-1977

Matching is not possible because variables required for matching are in a different format each year.

Years: 1977-1985

Variable: Household Identification Number (H18-29)

Years: 1985-1986

Matching is not possible because the 1986 file is based entirely on the 1980 census design sample.

Years: 1986 Forward

Variable: Household Identification Number (H18-29)

#### Matching Households, Families, and Persons

Although the information presented above allows matching of housing units across years, it is possible that the residents of the housing unit have changed. Consequently, it is necessary to perform additional matches to insure resident comparability. The specific variables used to match residents will vary according to the needs of the project but it is more efficient to arrange the matching in a hierarchical sequence. For example, matching on sex and race should precede matching on age or household relationship. The user should carefully work through the possible changes in household structure that might result in an inappropriate rejection of a household. For example, a husband-wife family in year  $t$  that experienced a divorce and became a female headed household in year  $t+1$  would fail the test for matching sex of head. Clearly, the more criteria used in matching records will result in greater accuracy, but will also increase the expense and result in fewer matches.

#### OVERVIEW

### Current Population Survey

#### Introduction

The Current Population Survey (CPS) is the source of the official Government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we interview about 57,000 households monthly, scientifically selected on the basis of area of residence to represent the Nation as a whole, individual States, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain month-to-month and year-

to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

Although the main purpose of the survey is to collect information on the employment situation, a very important secondary purpose is to collect information on the demographic status of the population, information such as age, sex, race, marital status, educational attainment, and family structure. From time to time additional questions are included on such important subjects as health, education, income, and previous work experience. The statistics resulting from these questions serve to update similar information collected once every 10 years through the decennial census, and are used by Government policymakers and legislators as important indicators of our Nation's economic situation and for planning and evaluating many Government programs.

The CPS provides current estimates of the economic status and activities of the population of the United States. Because it is not possible to develop one or two overall figures (such as the number of unemployed) that would adequately describe the labor market, the CPS is designed to provide a large amount of detailed and supplementary data. Such data are made available to meet a wide variety of needs on the part of users of labor market information.

Thus, the CPS is the only source of monthly estimates of total employment (both farm and nonfarm); nonfarm self-employed persons, domestics, and unpaid workers in nonfarm family enterprises; wage and salary employees; and, finally, estimates of total unemployment.

It provides the only available distribution of workers by the number of hours worked (as distinguished from aggregate or average hours for an industry), permitting separate analyses of part-time workers, workers on overtime, etc. The survey is also the only comprehensive current source of information on the occupation of workers and the industries in which they work. Information is available from the survey not only for persons currently in the labor force but also for those who are outside the labor force. The characteristics of such persons - whether married women with or without young children, disabled persons, students, older retired workers, etc., can be determined. Information on their current desire for work, their past work experience, and their intentions as to job seeking are also available.

The March CPS, also known as the Annual Demographic File, contains the basic monthly demographic and labor force data described above, plus additional data on work experience, income, noncash benefits, and migration.

#### CPS Sample

The CPS sample is based on the civilian noninstitutional population of the United States. The sample is located in 729 sample areas comprising 1,973 counties and independent cities with coverage in every State and in the District of Columbia.

In all, some 71,000 housing units or other living quarters are assigned for interview each month; about 57,000 of them containing approximately 114,500 persons 15 years old and over are interviewed. Also included are demographic data for approximately 33,500 children 0-14 years old and 650

Armed Forces members living with civilians either on or off base within these households. The remainder of the assigned housing units are found to be vacant, converted to nonresidential use, contain persons with residence elsewhere, or are not interviewed because the residents are not found at home after repeated calls, are temporarily absent, or are unavailable for other reasons. Approximately 14,000 noninterview households are present each month. The resulting file size is approximately 163,000 records. In March of each year supplemental data are collected for Armed Forces members residing with their families in civilian housing units or on a military base. The Armed Forces members, however, are not asked the monthly labor force questions. In addition, the March CPS is supplemented with a sample of Hispanic households identified the previous November. This results in the addition of about 2,500 households in the March CPS. The inclusion of the additional sample of Hispanic households began in 1976.

A more precise explanation regarding the CPS sample design is provided in Technical Paper 40, *The Current Population Survey: Design and Methodology*.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see the Bureau of Labor Statistics Report No. 463 and the Current Population Report P-23, No. 62, issued jointly by the Bureau of Labor Statistics and the Bureau of the Census in October, 1976, and entitled *Concepts and Methods Used In Labor Statistics derived from the Current Population Survey*.

#### Questionnaire Coverage

Questionnaire facsimiles of the March 1990 CPS income supplement are shown on pages D-13 to D-27 in this documentation. CPS-1 items 19-26B shown on pages D-4 and D-5 of this document are not asked of Armed Forces members but only of civilians 15 years old and older. This part of the questionnaire is referred to as the monthly (basic) labor force section because these questions are asked every month.

Certain data items appearing on both the monthly (basic) questionnaire and the March supplement questionnaire may not have the same meaning. To avoid any misunderstandings, the user should refer to the glossary of this documentation.

#### Revisions To The March CPS Processing System

Introduction. Between 1988 and 1989 a new computer processing system was introduced for the March Current Population Survey. This processing system rewrite was long overdue; the system in use before this year was first introduced in March 1976 and was never fully updated to reflect the numerous questionnaire changes that had taken place since that time. In addition, the programs used to process the CPS file were written in a computer language that is being phased out of use at the Census Bureau. While the March 1989 file is the first to reflect this new processing system, the March 1988 file was reprocessed based on these new procedures in order to: 1) better evaluate the new processing procedures, and 2) allow year-to-year comparisons to be made between income years 1987 and 1988 using a consistent processing system.

While the following section deals mainly with modifications to the March imputation procedures and their subsequent effect on income and poverty rates, it should be pointed out that all of the processing programs were

rewritten in 1989, so that not only are the files from 1989 forward based on a somewhat different imputation system, but also reflect a rewritten weighting system, data acceptance program, family relationship edits, and new procedures to match income supplement records to the monthly CPS file. As a result, it is difficult to ascertain whether differences (especially those based on relatively small bases) are the result of imputation or other processing differences between the original and revised files.

Since the Census Bureau began imputing the missing income data on the CPS in 1962, there have been three major revisions to the processing system (in 1967, 1976, and 1989). Through all of these revisions, the basic strategy used in make imputations has remained the same. This approach, commonly referred to as ``hot deck'' imputation, assigns missing responses to sample persons with information from matched sample persons with similar demographic and economic information who answered these questions.

Under the new March processing system, there were three main modifications to the income imputation programs:

1. The edits and imputations were expanded to reflect the full detail of the March income questionnaire. The original processing system was still based on a less detailed CPS income questionnaire that had not been in use since 1980.
2. Under the revised processing procedures, entire sets of March income and noncash benefits data were imputed to supplement noninterviews from the same interviewed person. Under the original processing procedures, earnings, unearned income, and noncash benefits were imputed in separate stages during the processing system. Thus, the new processing system imputes noninterviews more efficiently and is better able to preserve the correlation between earnings, unearned income, and noncash benefits.
3. Both the old and new processing systems employ what are called ``statistical matches'' to link sample cases with reported data to those requiring imputation for missing responses. In the original processing system, under certain circumstances, reported data was removed and replaced with imputed data during the statistical matching process. Under the new system, reported data are never removed. This was accomplished by expanding the number of statistical matches in the income imputation system.

#### File Structure

There is a household record for each household or group quarters. The household record is followed by one of three possible structures:

- A. If the household contains related persons and is not a group quarters household:
  1. The family record appears next followed by person records for members of the family who are not also members of a related subfamily. The person records would be ordered:

family householder, spouse of family householder, children in the family, and other relatives of the family householder.

2. The above records may be followed by one or more related subfamily records, each related subfamily record being followed immediately by person records for members of that related subfamily. The person records would be ordered: reference person of the related subfamily, spouse of subfamily reference person, and children of subfamily reference person.
  3. The above records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by person records for members of that unrelated subfamily. The person records would be ordered: unrelated subfamily reference person, spouse of subfamily reference person, and children of subfamily reference person.
  4. The above records may be followed by one or more persons living with nonrelatives family records, each to be followed by the person record for the unrelated individual it represents. (See Figure 1, page 2-4.)
- B. If the household contains a householder with no relatives and is not a group quarters household:
1. The family record for the nonfamily householder is followed immediately by the person record for that nonfamily householder.
  2. These records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by the person records for members of that unrelated subfamily.
  3. These records may be followed by one or more family records for persons living with nonrelatives, each person living with nonrelatives family record being followed immediately by the person record for that person living with nonrelatives. (See Figure 2, page 2-5.)
- C. If the household is a group quarters, each person is defined as a person living with nonrelatives. There will be a family record followed by a person record for each person in the group quarters.

#### Relationship of Current Population Survey Files to Publications

Each month, a significant amount of information about the labor force is published by the Bureau of Labor Statistics in the Employment and Earnings and Monthly Labor Review Reports.

As mentioned previously, the CPS also serves as a vehicle for supplemental inquiries on subjects other than employment which are periodically added to the questionnaire. From the basic and supplemental data the Bureau of the



Census issues four series of publications under the general title Current Population Reports:

P-20 Population Characteristics  
P-23 Special Studies  
P-27 Farm Population  
P-60 Consumer Income

Of particular interest to users of the March microdata file would be those reports based on information collected in March. These reports include the following titles:

P-20 Population Profile of the United States: (Year)  
P-20 Household and Family Characteristics: March (Year)  
P-20 Households, Families, Marital Status, and Living Arrangements: March (Year)  
P-20 Geographical Mobility (Years)  
P-20 Educational Attainment in the United States (Years)  
P-20 Persons of Hispanic Origin in the United States (Year)  
P-60 Money Income and Poverty Status of Families and Persons in the United States: (Year)  
P-60 Characteristics of the Population Below the Poverty Level: (Year)  
P-60 Characteristics of Households Receiving Selected Noncash Benefits: (Year)

All Current Population Reports may be obtained by subscription from the U.S. Government Printing Office. Subscriptions are available as follows: Population Characteristics, Special Studies, Farm Population, and Consumer Income series (P-20, P-23, P-27, P-60) combined, \$71 per year (sold as a package only); Population Estimates and Projections (P-25), \$25 per year. Single issues may be ordered separately; ordering information and prices are provided on CENDATATM, in the Bureau of the Census Catalog and Guide, in Census and You, and the Monthly Product Announcement (MPA).

Figure 1. Illustration of Record Sequence for Households Containing a Family.

Household Record

Family Record

Person 1 (Householder) Record

Person 2 (Spouse) Record

.  
. .  
. .

Person n (Family Member)

Family (Related Subfamily Record)

Person 1 (Related Subfamily Reference Person) Record

Person 2 (Spouse) Record

.

.  
 .  
 .  
 Person n (Related Subfamily Member) Record  
 Family (Unrelated Subfamily) Record  
 Person 1 (Unrelated Subfamily Reference Person) Record  
 Person 2 (Spouse) Record  
 .  
 .  
 .  
 .  
 Person n (Unrelated Subfamily Member) Record  
 Family (Persons Living With Nonrelatives) Record  
 Person 1 (Person Living With Nonrelatives) Record

Figure 2. Illustration of Record Sequence for Households Containing a Nonfamily Householder.

Household Record  
 Family (Nonfamily Householder) Record  
 Person (Nonfamily Householder) Record  
 Family (Unrelated Subfamily) Record  
 Person 1 (Unrelated Subfamily Reference Person) Record  
 Person 2 (Spouse) Record  
 .  
 .  
 .  
 .  
 Person n (Unrelated Subfamily Member) Record  
 Family (Person Living With Nonrelatives) Record  
 Person (Persons Living With Nonrelatives) Record

Figure 3. Illustration of Record Sequence for Group Quarters.(1)

Household Record  
 Family (Persons Living With Nonrelatives) Record  
 Person (Persons Living With Nonrelatives) Record

(1) NOTE: Each person in group quarters is by definition a person living with nonrelatives.

#### Geographic Limitations

In July 1985, the CPS microdata files began carrying the metropolitan statistical area definitions announced by the Office of Management and Budget on June 30, 1984. The new CPS estimates for the total metropolitan population have consistently been higher than independent estimates of the total metropolitan population prepared by the Census Bureau; the new CPS nonmetropolitan estimates have been lower than the independent estimates. The magnitude of the monthly differences has varied from 900,000 to 2.5 million persons over the past year, so that the proportion of the population living in metropolitan areas according to the CPS has ranged from 0.4 to 1.0 percentage points higher than the independent estimate. The difference in level between the two sets of estimates is partially attributable to the basic CPS sample design, which, because of sampling variability, includes an oversample of metropolitan households and an undersample of nonmetropolitan households. The monthly variations result from the exit and entrance of rotation groups, each with slightly different metropolitan-nonmetropolitan proportions, into the sample. The apparent overestimation of metropolitan and underestimation of nonmetropolitan population in the CPS relative to the Census Bureau's independent estimates should be taken into account when using the data. Because of the monthly variation in these estimates, month-to-month comparisons of metropolitan and nonmetropolitan estimates should be interpreted with caution.

One other set of estimates that can be produced from CPS microdata files beginning in October 1985 should be treated with caution. These are estimates for individual metropolitan areas. The change in Census Bureau confidentiality rules allowing identification of areas with populations of 100,000 or more instead of 250,000 has produced a situation where we now identify numerous small metropolitan areas on the CPS data files. Although estimates for the larger areas such as New York, Los Angeles, and so forth, should be fairly accurate and valid for a multitude of uses, estimates for the smaller metropolitan areas (those with populations under 500,000) should be used with caution because of the relatively large sampling variability associated with these estimates.

It should be kept in mind that the sample design and methods of weighting CPS data are geared towards producing estimates for the entire Nation. Consequently, data for states are not as reliable as national data, and the file will lose some of its utility in certain applications. For further discussion of such considerations, the user should consult The Current Population Survey: Design and Methodology (Technical Paper 40, U.S. Bureau of the Census).

The nature of the work done by each individual investigator using the microdata file will determine to what extent his/her requirements for precision will allow using some of the smaller geographic areas identified on the file.

#### Weights

For all CPS data files a single weight is prepared and used to compute the

monthly labor force status estimates. An additional weight was prepared for the earnings universe which roughly corresponds to wage and salary workers in the two outgoing rotations. This is explained below in the section on earnings data. However, the difference in content of the March CPS supplement requires the presentation of additional weights: a household weight, a family weight, and a March supplement weight. In this section we briefly describe the construction and use of these weights. Chapter 5 of Technical paper 40, *The Current Population Survey: Design and Methodology* provides documentation of the weighting procedures for the CPS both with and without supplement questions.

The final weight, which is the product of several adjustments, is used to produce population estimates for the various items covered in the regular monthly CPS. This weight is constructed from the basic weight for each person, which represents the probability of selection for the survey. The basic weight is adjusted for special sampling situations and failure to obtain interviews from eligible households (noninterview adjustment). A two-stage ratio estimation procedure adjusts the sample population to the known distribution of the entire population. This two-stage ratio estimation process produces factors which are applied to the basic weight (after the special weighting and noninterview adjustments are made) and results in the final weight associated with each record. In summary, the final weight is the product of: (1) the basic weight, (2) adjustments for special weighting, (3) noninterview adjustment, (4) first stage ratio adjustment factor, and (5) second stage ratio adjustment factor. This final weight should be used when producing estimates from the basic CPS data.

Differences in the questionnaire, sample and data uses for the March CPS supplement result in the need for additional adjustment procedures to produce what is called the March supplement weight. The sample for the March CPS supplement is expanded to include male members of the Armed Forces who are living in civilian housing or with the family on a military base, as well as additional Hispanic households which are not included in the monthly labor force estimates.

The expanded sample and the need to have a husband and wife receive the same weight has resulted in a weighting system which produces the March supplement weight. The March supplement weight should be used for producing estimates from March supplement data.

Finally, household and family weights are the weights assigned from the householder or reference person after all adjustments have been made and should be used when tabulating estimates of families-households.

#### Earnings Data

Beginning in 1982, usual hourly and weekly earnings data appear on the Annual Demographic File (ADF) for that portion of the population roughly corresponding to wage and salary workers (self-employed persons in incorporated businesses are excluded, although they are normally included with the wage and salary population). These data are now collected on a monthly basis in the two outgoing rotation groups as part of the basic CPS labor force interview.

Since the intent of the regular collection of earnings data was to initiate a family earnings data series, all persons in the two outgoing rotations

receive an ``earnings weight,' ' even if they are not eligible for the earnings item. The earnings weight is a simple ratio-estimation to the person's labor force status by age, race, and sex. When tabulating estimates of earnings based on basic CPS data, use the earnings weight.

Further information on this earnings series is contained in Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey, BLS Report #601, July 1980. This report is available on request from the U.S. Department of Labor, Bureau of Labor Statistics, Washington, D.C. 20212. Attn: Office of Inquiries and Correspondence.

NOTE: For 1982 and 1983, usual weekly earnings are not present for individuals who were not paid on an hourly basis.

RELATIONSHIP OF QUESTIONNAIRE ITEMS TO FIELD  
NAMES ON THE ANNUAL DEMOGRAPHIC FILE

In March 1989 the processing system was updated to reflect the detailed items on the income supplement questionnaire (CPS-665). The figures on the following pages show how the questionnaire items were reformatted prior to 1989 into income fields on the annual demographic file and how they are now formatted on the file.

Figure 1 on page 6-3 lists the following information:

1. Item number on the questionnaire
2. Name of field on the annual demographic file from 1989 forward
3. Income type
4. Name of field on annual demographic file prior to 1989

Figure 2 on page 6-5 lists the following information:

1. Name of the field on the annual demographic field from 1989 forward
2. Income type
3. Name of the field on the annual demographic file prior to 1989
4. Item number on the questionnaire

Figure 1. Income Supplement (CPS-665) Items

|     | Name of Field<br>on Annual<br>Demographic File<br>(1989 forward) | QUESTIONNAIRE ITEMS<br>Income Type | Name of Field<br>on Annual<br>Demographic File<br>(Prior to 1989) |
|-----|--|------------------------------------|---|
| 48A | WSAL-YMN   | Wages and salaries                 | I51AWS  |
| 48B | SEMP-YN  | Nonfarm self-employment            | I51BSE  |
| 48B | FRSE-YN  | Farm self-employment               | I51CFR  |
| 49B | WSAL-YN  | Wages and salaries                 | I51AWS  |

|         |                    |   |          |
|---------|--------------------|---|----------|
| 49B     | SEMP-YN            | Nonfarm self-employment                                     | I51BSE   |
| 49B     | FRSE-YN            | Farm self-employment  | I51CFR   |
| 52A     | UC-YN              | Unemployment compensation                                   | I53DUC   |
| 53B     | WC-TYPE = 1,2,or 4 | State Workers Compensation,<br>Employers insurance or other | I53DWC   |
| 53B     | WC-TYPE = 3        | Own insurance   | I53FAE   |
| 56B     | SS-YN              | Social Security   | I52ASS   |
| 57B     | SSI-YN             | Supplemental Security                                       | I52BUS   |
| 59C     | PAW-TYP = 1        | AFDC  | I53AADC  |
| 59C     | PAW-TYP = 2        | Other public assistance                                     | I53AOTH  |
| 60B     | VET-YN             | Veteran's Administration payments                           | I53DVP   |
| 60C(01) | VET-YN             | Veterans disability   | I53DVP   |
| 60C(02) | VET-YN             | Veterans survivor pension                                   | I53DVP   |
| 60C(04) | VET-YN             | GI Bill or VEAP   | I53DVP   |
| 61C(01) | SUR-SC 1 or 2 = 1  | Company or union survivor pension                           | I53EPP   |
| 61C(02) | SUR-SC 1 or 2 = 2  | Federal Government pension                                  | I53EFG   |
| 61C(03) | SUR-SC 1 or 2 = 3  | Military Retirement pension                                 | I53EMR   |
| 61C(04) | SUR-SC 1 or 2 = 4  | State or local government<br>survivor pension               | I53ELG   |
| 61C(05) | SUR-SC 1 or 2 = 5  | Railroad Retirement survivor<br>pension                     | I52ARR   |
| 61C(06) | SUR-SC 1 or 2 = 6  | Workers compensation<br>survivor pension                    | I53DWC   |
| 61C(07) | SUR-SC 1 or 2 = 10 | Black Lung survivor pension                                 | I53DWC   |
| 61C(08) | SUR-SC 1 or 2 = 8  | Estates and trusts  | I53CEST  |
| 61C(09) | SUR-SC 1 or 2 = 9  | Annuities or paid up life<br>insurance                      | I53EPP   |
| 61C(10) | SUR-SC 1 or 2 = 10 | Other survivor payments                                     | I53FAE   |
| 64C(01) | DIS-SC 1 or 2 = 1  | Worker's Compensation                                       | I53DWC   |
| 64C(02) | DIS-SC 1 or 2 = 2  | Company or union disability                                 | I53EPP   |
| 64C(03) | DIS-SC 1 or 2 = 3  | Federal Government disability                               | I53EFG   |
| 64C(04) | DIS-SC 1 or 2 = 4  | Military retirement disability                              | I53EMR   |
| 64C(05) | DIS-SC 1 or 2 = 5  | State or local government<br>disability                     | I53ELG   |
| 64C(06) | DIS-SC 1 or 2 = 6  | Railroad Retirement disability                              | I52ARR   |
| 64C(07) | DIS-SC 1 or 2 = 7  | Accident or disability insurance                            | I53FAE   |
| 64C(08) | DIS-SC 1 or 2 = 10 | Black Lung disability                                       | I53DWC   |
| 64C(09) | DIS-SC 1 or 2 = 10 | State temporary sickness                                    | I53DWC   |
| 64C(10) | DIS-SC 1 or 2 = 10 | Other disability payments                                   | I53FAE   |
| 65C(1)  | SUR-SC 1 or 2 = 10 | Company or union pension                                    | I53EPP   |
| 65C(2)  | RET-SC 1 or 2 = 2  | Federal Government retirement                               | I53EFG   |
| 65C(3)  | RET-SC 1 or 2 = 3  | Military retirement   | I53EMR   |
| 65C(4)  | RET-SC 1 or 2 = 4  | State or local government<br>retirement                     | I53ELG   |
| 65C(5)  | RET-SC 1 or 2 = 5  | Railroad Retirement   | I52ARR   |
| 65C(6)  | RET-SC 1 or 2 = 6  | Annuities or paid up life<br>insurance                      | I53EPP   |
| 65C(7)  | RET-SC 1 or 2 = 8  | IRA or KEOUGH accounts                                      | I53EPP   |
| 65C(8)  | RET-SC 1 or 2 = 8  | Other retirement  | I53EPP   |
| 66B     | INT-YN             | Interest  | I53BINT  |
| 66D(1)  | OED-TYP            | Pell Grant  | I53FAE   |
| 66D(2)  | OED-TYP            | Other government<br>educational assistance                  | I53FAE   |
| 66D(3)  | OED-TYP 2          | Scholarship or grant from school                            | I53FAE   |
| 66D(4)  | OED-TYP 3          | Other educational assistance                                | I53FAE   |
| 67B     | DIV-YN             | Dividends   | I53CDIV  |
| 68B     | RNT-YN             | Rent  | I53CRENT |

|     |        |  |         |
|-----|--------|--|---------|
| 68B | RNT-YN | Estates and trusts                             | I53CEST |
| 70B | CSP-YN | Child support                                  | I53FAL  |
| 71B | ALM-YN | Alimony  | I53FAL  |
| 72B | FIN-YN | Financial assistance from<br>outside household | I53FREG |

Figure 2. Income Supplement (CPS-665) Items

| Name of Field<br>on Annual<br>Demographic File<br>(1989 forward) | Income Type  | Name of Field<br>on Annual<br>Demographic File<br>(Prior to 1989) | CPS-665  |
|--|--|---|----------|
| WSAL-YN  | Wages and Salaries (includes<br>self-employed and incorporated)  | I51AWS  | 48A, 49B |
| SEMP-YN  | Nonfarm Self-employment  | I51BSE  | 48B, 49B |
| FRSE-YN  | Farm Self-employment   | I51CFR  | 48B, 49B |
| UC-YN  | Unemployment Compensation  | I53DUC  | 52A      |
| WC-TYPE =<br>1, 2, or 4  | (1) State Workers Compensation,<br>Employers Insurance, or other | I53DWC  | 53B      |
| SUR-SC 1 or<br>2 = 6   | (2) Workers Compensation Survivor<br>Pension                     |   | 61C(06)  |
| SUR-SC 1 or<br>2 = 10  | (3) Black Lung Survivor Pension                                  |   | 61C(07)  |
| DIS-SC 1 or<br>2 = 1   | (4) Worker's Compensation  |   | 64C(01)  |
| DIS-SC 1 or<br>2 = 10  | (5) Black Lung Disability  |   | 64C(08)  |
| DIS-SC 1 or<br>2 = 10  | (6) State temporary sickness                                     |   | 64C(09)  |
| WC-TYPE = 3<br>SUR-SC 1 or<br>2 = 10                             | (1) Own insurance  | I53FAE  | 53B      |
| DIS-SC 1 or<br>2 = 7   | (2) Other Survivor Payments                                      |   | 61C(10)  |
| DIS-SC 1 or<br>2 = 10  | (3) Accident or disability insurance                             |   | 64C(07)  |
| OED-TYP  | (4) Other disability payments                                    |   | 64C(10)  |
| OED-TYP  | (5) PELL Grant   |   | 66D(1)   |
| OED-TYP 2  | (6) Other government education assistance                        |   | 66D(2)   |
| OED-TYP 3  | (7) Scholarship or grant from school                             |   | 66D(3)   |
|  | (8) Other education assistance                                   |   | 66D(4)   |
| SS-YN  | Social Security  | I52ASS  | 56B      |
| SSI-YN   | Supplemental Security  | I52BUS  | 57B      |
| VET-YN   | (1) Veteran survivor pension                                     | I53DVP  | 60C(02)  |
|  | (2) Veterans disability  |   | 60C(01)  |
|  | (3) GI Bill or VEAP  |   | 60C(04)  |

|   |     | (4) Veterans Administration payments       | 60B      |                 |
|---|-----|--|----------|-----------------|
| SUR-SC 1 or<br>2 = 1                            | (1) | Company or union survivor pension          | I53EPP   | 61C(01)         |
| SUR-SC 1 or<br>2 = 9 or<br>RET-SC 1 or<br>2 = 6 | (2) | Annuities or paid up life insurance        |          | 61C(09), 65C(6) |
| DIS-SC 1 or<br>2 = 2                            | (3) | Company or union disability                |          | 64C(02)         |
| RET-SC 1 or<br>2 = 1                            | (4) | Company or union pension                   |          | 65C(1)          |
| RET-SC 1 or<br>2 = 8                            | (5) | Other retirement (includes IRA or KEOUGH)  |          | 65C(7), 65C(8)  |
| SUR-SC 1 or<br>2 = 2                            | (1) | Federal Government pension                 | I53EFG   | 61C(02)         |
| DIS-SC 1 or<br>2 = 3                            | (2) | Federal Government disability              |          | 64C(03)         |
| RET-SC 1 or<br>2 = 2                            | (3) | Federal Government retirement              |          | 65C(2)          |
| SUR-SC 1 or<br>2 = 3                            | (1) | Military Retirement pension                | I53EMR   | 61C(03)         |
| DIS-SC 1 or<br>2 = 4                            | (2) | Military Retirement disability             |          | 64C(04)         |
| RET-SC 1 or<br>2 = 2                            | (3) | Military Retirement                        |          | 65C(3)          |
| SUR-SC 1 or<br>2 = 4                            | (1) | State or local government survivor pension | I53ELG   | 61C(04)         |
| DIS-SC 1 or<br>2 = 5                            | (2) | State or local government disability       |          | 64C(05)         |
| RET-SC 1 or<br>2 = 4                            | (3) | State or local government retirement       |          | 65C(4)          |
| SUR-SC 1 or<br>2 = 5                            | (1) | Railroad retirement survivor pension       | I52ARR   | 61C(05)         |
| DIS-SC 1 or<br>2 = 6                            | (2) | Railroad retirement disability             |          | 64C(06)         |
| RET-SC 1 or<br>2 = 5                            | (3) | Railroad retirement                        |          | 65C(5)          |
| SUR-SC 1 or<br>2 = 8<br>or RNT-YN               | (1) | Estates and trusts                         | I53CEST  | 61C(08),<br>68B |
| INT-YN  |     | Interest                                   | I53BINT  | 66B             |
| DIV-YN  |     | Dividends                                  | I53CDIV  | 67B             |
| RNT-YN  |     | Rent                                       | I53CRENT | 68B             |
| PAW-TYP = 1                                     |     | AFDC                                       | I53AADC  | 59C             |
| PAW-TYP = 2                                     |     | Other public assistance                    | I53AOTH  | 59C             |



|        |  |               |         |     |
|--------|--|---------------|---------|-----|
| FIN-YN | Financial assistance from<br>outside household |               | I53FREG | 72B |
| CSP-YN | (1)  | Child Support | I53FAL  | 70B |
| ALM-YN | (2)  | Alimony       |         | 71B |

Current Population Survey, March 1989

USER NOTE NO. 1

Estimates of the number of persons and families below the poverty level in 1988 derived from this public use version of the March 1989 CPS file differ slightly from poverty estimates published in the report ``Money Income and Poverty Status in the United States: 1988 (Advance Data from the March 1989 Current Population Survey),'' Series P-60, No. 166. A problem with the weighting was found after the publication of the advance report. Specifically, children under 15 years of age in families with a household in the Armed Forces received a weight of 0 instead of a positive weight. This public use version of the March 1989 CPS file has been reweighted to correct this problem. Revised poverty estimates will be published in the final poverty report ``Poverty in the United States: 1988'', which is currently scheduled for publication in June 1990.

Table A (attached) shows the effect of reweighting on the 1988 poverty estimates. The number of families and their poverty rate essentially did not change. The number of families declined by 2,000 (from 6,876,000 to 6,874,000) and the poverty rate remained unchanged (10.4 percent). The number of persons below poverty decreased by 133,000 (from 31,878,000 to 31,745,000) and the poverty rate decreased by 0.1 percentage points (from 13.1 to 13.0 percent). These changes were within sampling error (with one standard deviation of 563,000 persons and 0.2 percentage points). Most of these changes were in the under 18 years of age group. The number of persons under 18 years in poverty decreased by 129,000 (from 12,584,000 to 12,455,000) and the poverty rate decreased by 0.2 percentage points (from 19.7 to 19.5 percent).

Table A. Published and Revised Number and Percent of Persons and Families Below Poverty Level: 1988

| Characteristic           | Below Poverty Level in 1988 |                 |                       |                 |
|--------------------------|-----------------------------|-----------------|-----------------------|-----------------|
|                          | Published                   |                 | Revised               |                 |
|                          | Number<br>(in thous.)       | Poverty<br>rate | Number<br>(in thous.) | Poverty<br>rate |
| ALL PERSONS.....         | 31,878                      | 13.1            | 31,745                | 13.0            |
| Race And Hispanic Origin |                             |                 |                       |                 |
| White.....               | 20,765                      | 10.1            | 20,715                | 10.1            |
| Under 18 years.....      | 7,483                       | 14.6            | 7,435                 | 14.5            |
| Black.....               | 9,426                       | 31.6            | 9,356                 | 31.3            |
| Under 18 years.....      | 4,364                       | 44.2            | 4,296                 | 43.5            |
| Hispanic origin.....     | 5,379                       | 26.8            | 5,357                 | 26.7            |

|  |        |      |        |      |
|--|--------|------|--------|------|
| Under 18 years.....                            | 2,653  | 37.9 | 2,631  | 37.6 |
| Age  |        |      |        |      |
| Under 18 years.....                            | 12,584 | 19.7 | 12,455 | 19.5 |
| 18 to 44 years.....                            | 11,764 | 11.2 | 11,761 | 11.2 |
| 45 to 54 years.....                            | 1,900  | 7.7  | 1,900  | 7.7  |
| 55 to 64 years.....                            | 2,154  | 10.0 | 2,148  | 10.0 |
| 65 years and over.....                         | 3,482  | 12.0 | 3,481  | 12.0 |
| ALL FAMILIES.....                              | 6,876  | 10.4 | 6,874  | 10.4 |
| With related children                          |        |      |        |      |
| under 18 years.....                            | 5,373  | 15.7 | 5,372  | 15.7 |
| Married-couple.....                            | 2,897  | 5.6  | 2,897  | 5.6  |
| Female householder,<br>no husband present..... | 3,643  | 33.5 | 3,642  | 33.4 |
| Race and Hispanic origin<br>of householder     |        |      |        |      |
| White families.....                            | 4,471  | 7.9  | 4,741  | 7.9  |
| With related children                          |        |      |        |      |
| under 18 years.....                            | 3,321  | 11.9 | 3,321  | 11.9 |
| Black families.....                            | 2,090  | 28.2 | 2,089  | 28.2 |
| With related children                          |        |      |        |      |
| under 18 years.....                            | 1,803  | 36.0 | 1,802  | 36.0 |
| Hispanic origin                                |        |      |        |      |
| families.....                                  | 1,141  | 23.7 | 1,141  | 23.7 |
| With related children                          |        |      |        |      |
| under 18 years.....                            | 988    | 29.7 | 988    | 29.7 |

January 1990

□ DATA DICTIONARY ALPHABETICAL VARIABLE LISTING  
Current Population Survey, March 1988--1990 on CD-ROM

Household Record

| Mnemonic  | Item                                | Location |
|-----------|-------------------------------------|----------|
| H%HHNUM   | Allocation flags for basic CPS      | 296      |
| H%LIVQRT  | Allocation flags for basic CPS      | 297      |
| H%TELA VL | Allocation flags for basic CPS      | 300      |
| H%TELHHD  | Allocation flags for basic CPS      | 299      |
| H%TELINT  | Allocation flags for basic CPS      | 301      |
| H%TENURE  | Allocation flags for basic CPS      | 295      |
| H-FAMINC  | Control Card Family Income          | 10       |
| H-HHNUM   | Household number                    | 30       |
| H-HHTYPE  | Type of household                   | 20       |
| H-IDNUM   | Unique household identifier         | 320      |
| H-LIVQRT  | Type of living quarters             | 31       |
| H-MIS     | Month in sample                     | 29       |
| H-MONTH   | Month of survey                     | 26       |
| H-NUMPER  | Persons in household                | 21       |
| H-RESPNM  | Line number of household respondent | 12       |

|          |  |     |
|----------|--|-----|
| H-SEQ    | Household sequence number  | 2   |
| H-TELAVL | Telephone available  | 37  |
| H-TELHHD | Telephone in household   | 36  |
| H-TELINT | Telephone interview acceptable                                     | 38  |
| H-TENURE | Tenure   | 35  |
| H-TYPE   | Household type   | 25  |
| H-TYPEBC | Type of housing unit   | 33  |
| H-YEAR   | Year of survey - last digit  | 28  |
| HALM-YN  | Alimony payments received  | 224 |
| HALMVAL  | Alimony payments income  | 225 |
| HCCC-R   | Central city MSA status code                                       | 58  |
| HCHAMP   | Champus, VA, or military health care                               | 276 |
| HCHI     | Children covered by other health insurance                         | 64  |
| HCHINNO  | Children covered by insurance of person not living<br>in household | 67  |
| HCHINO   | Children covered by insurance of person not living<br>in household | 65  |
| HCHINRH  | Children covered by insurance of person not living<br>in household | 66  |
| HCMCARE  | Children covered by Medicare                                       | 62  |
| HCMCENO  | Children covered by Medicare                                       | 63  |
| HCSP-YN  | Child support payments   | 216 |
| HCSPVAL  | Child support income   | 217 |
| HDIS-YN  | Disability benefits  | 168 |
| HDISVAL  | Disability income  | 169 |
| HDIV-YN  | Dividend payments  | 192 |
| HDIVVAL  | Dividend income  | 193 |
| HEARNVAL | Household earnings, total value                                    | 256 |
| HED-YN   | Educational assistance benefits                                    | 208 |
| HEDVAL   | Education assistance income  | 209 |
| HENGAST  | Energy assistance benefits   | 85  |
| HENGVAL  | Energy assistance income   | 86  |
| HFARM    | Farm definition  | 59  |
| HFDVAL   | Food stamps value  | 81  |
| HFIN-YN  | Financial assistance payments                                      | 232 |
| HFINVAL  | Financial assistance income  | 233 |
| HFLUNCH  | Children receiving free or Reduced price lunches                   | 72  |
| HFLUNNO  | Children receiving free lunch                                      | 73  |
| HFOODMO  | Food stamps, months covered  | 79  |
| HFOODNO  | Food stamps, children covered                                      | 77  |
| HFOODSP  | Food stamps recipients   | 76  |
| HFRVAL   | Farm income  | 107 |
| HG-CMSA  | CMSA code  | 53  |
| HG-MSAC  | MSA or PMSA FIPS Code  | 44  |
| HG-MSAR  | MSA or CMSA rank   | 50  |
| HG-PMSA  | PMSA rank  | 48  |
| HG-REG   | Region   | 39  |
| HG-ST60  | 1960 Census State code   | 40  |
| HG-STRN  | 1980 State rank  | 42  |
| HH5TO18  | Persons in household age 5 to 18                                   | 68  |
| HHI-YN   | Health insurance coverage  | 277 |
| HHINC    | Household income, total  | 272 |
| HHOTLUN  | Hot lunch eaten by children at school                              | 70  |
| HHOTNO   | Hot lunch, number of children who ate at school                    | 71  |
| HHPOS    | Record type indicator  | 7   |
| HHSTATUS | Household status   | 278 |
| HINC-FR  | Farm self-employment   | 106 |

|          |  |     |
|----------|--|-----|
| HINC-SE  | Own business self-employment                                     | 98  |
| HINC-UC  | Unemployment compensation  | 114 |
| HINC-WC  | Workers compensation   | 122 |
| HINC-WS  | Wage and salary  | 90  |
| HINT-YN  | Interest payments  | 184 |
| HINTVAL  | Household interest income  | 185 |
| HLORENT  | Reduced rent, federal, state, or local gov. paid<br>part of cost | 75  |
| HMCAID   | Medicaid coverage  | 275 |
| HMCARE   | Medicare coverage  | 274 |
| HMSA-R   | Modified MSA status code   | 57  |
| HMSSZ    | MSA size   | 55  |
| HNUMFAM  | Families in household  | 23  |
| HOI-YN   | Income payments, other   | 240 |
| HOIVAL   | Household income   | 241 |
| HOTHVAL  | Income, value of other types                                     | 264 |
| HPAW-YN  | Public assistance  | 145 |
| HPAWVAL  | Public assistance income   | 146 |
| HPCTCUT  | Household income percentiles - National rank                     | 282 |
| HPMSASZ  | MSA/PMSA size  | 56  |
| HPUBLIC  | Public housing project   | 74  |
| HRECORD  | Household record   | 1   |
| HRET-YN  | Retirement payments  | 176 |
| HRETVAL  | Retirement income  | 177 |
| HRNT-YN  | Rental payments  | 200 |
| HRNTVAL  | Rental income  | 201 |
| HSEVAL   | Self employment income   | 99  |
| HSS-YN   | Social Security payments   | 130 |
| HSSI-YN  | Supplemental Security benefits                                   | 138 |
| HSSIVAL  | Supplemental Security income                                     | 139 |
| HSSVAL   | Social Security income   | 131 |
| HSUN     | Sunbelt recode   | 286 |
| HSUP-WGT | March supplement household weight                                | 287 |
| HSUR-YN  | Survivor benefits  | 160 |
| HSURVAL  | Survivor income  | 161 |
| HTOP5PCT | Household income percentiles                                     | 281 |
| HTOTVAL  | Household income, total value                                    | 248 |
| HUCVAL   | Unemployment compensation income                                 | 115 |
| HUNDER15 | Persons in household under age 15                                | 60  |
| HUNDER18 | Persons in household under age 18                                | 279 |
| HUUNITS  | Number of units in this structure                                | 9   |
| HVET-YN  | Veterans' payments income  | 152 |
| HVETVAL  | Veterans' payments income  | 153 |
| HWCVAL   | Worker's compensation income                                     | 123 |
| HWSVAL   | Wages and salaries value   | 91  |
| I-HCHI   | Allocation flags for supplement household items                  | 304 |
| I-HCHINN | Allocation flags for supplement household items                  | 307 |
| I-HCHINO | Allocation flags for supplement household items                  | 305 |
| I-HCHINR | Allocation flags for supplement household items                  | 306 |
| I-HCMCAR | Allocation flags for supplement household items                  | 302 |
| I-HCMCEN | Allocation flags for supplement household items                  | 303 |
| I-HENGAS | Allocation flags for supplement household items                  | 318 |
| I-HENGVA | Allocation flags for supplement household items                  | 319 |
| I-HFDVAL | Allocation flags for supplement household items                  | 315 |
| I-HFLUNC | Allocation flags for supplement household items                  | 310 |
| I-HFLUNN | Allocation flags for supplement household items                  | 311 |
| I-HFOODM | Allocation flags for supplement household items                  | 317 |

|          |   |      |
|----------|---|------|
| I-HFOODN | Allocation flags for supplement household items | 316  |
| I-HFOODS | Allocation flags for supplement household items | 314  |
| I-HHOTLU | Allocation flags for supplement household items | 308  |
| I-HHOTNO | Allocation flags for supplement household items | 309  |
| I-HLOREN | Allocation flags for supplement household items | 313  |
| I-HPUBLI | Allocation flags for supplement household items | 312  |
| INDCCODE | Individual Central City Code                    | 285  |
| SCMST    | Unique segment identifier                       | 15 * |

\* 1991 only

#### Family Record

| Mnemonic | Item  | Location |
|----------|---|----------|
| FALMVAL  | Family alimony income   | 182      |
| FAMLIS   | Ratio of family income to low-income level  | 37       |
| FCSPVAL  | Child support value   | 174      |
| FDISVAL  | Disability income   | 126      |
| FDIVVAL  | Dividend income   | 150      |
| FEARNVAL | Family earnings, total value  | 213      |
| FEDVAL   | Education income  | 166      |
| FFINVAL  | Financial assistance income   | 190      |
| FFPOS    | Record type and sequence indicator  | 7        |
| FFPOSOLD | Record type and sequence indicator  | 241      |
| FFRVAL   | Farm income   | 64       |
| FH-SEQ   | Household sequence number   | 5        |
| FHEADIDX | Index to persons record of family reference person  | 13       |
| FHUSBIDX | Index to persons record of family husband   | 17       |
| FINC-ALM | Alimony payments  | 181      |
| FINC-CSP | Child support payments  | 173      |
| FINC-DIS | Disability payments   | 125      |
| FINC-DIV | Dividend payments   | 149      |
| FINC-ED  | Education benefits  | 165      |
| FINC-FIN | Financial assistance payments   | 189      |
| FINC-FR  | Farm self-employment  | 63       |
| FINC-INT | Interest payments   | 141      |
| FINC-OI  | Other income payments   | 197      |
| FINC-PAW | Public assistance or welfare benefits   | 102      |
| FINC-RET | Retirement payments   | 133      |
| FINC-RNT | Rental payments   | 157      |
| FINC-SE  | Own business self-employment  | 55       |
| FINC-SS  | Social Security benefits  | 87       |
| FINC-SSI | Supplemental Security benefits  | 95       |
| FINC-SUR | Survivor's payments   | 117      |
| FINC-UC  | Unemployment compensation   | 71       |
| FINC-VET | Veterans' benefits  | 109      |
| FINC-WC  | Workers compensation  | 79       |
| FINC-WS  | Wage and salary   | 47       |
| FINTVAL  | Family income - interest income   | 142      |
| FKIND    | Kind of family  | 9        |
| FLASTIDX | Last member of family person record index.<br>Primary family includes related subfamily members | 21       |
| FMLASIDX | Last member of family person record index.<br>Primary family excludes related subfamily members | 23       |
| FOIVAL   | Family income - other   | 198      |
| FOTHVAL  | Family income, total other  | 221      |

|          |   |     |
|----------|---|-----|
| FOWNU18  | Own never married children under 18                   | 27  |
| FOWNU6   | Own children in family under 6                        | 25  |
| FPAWVAL  | Public assistance family income                       | 103 |
| FPCTCUT  | Income percentiles                                    | 30  |
| FPERSONS | Number of persons in family                           | 11  |
| FPOVCUT  | Low income cutoff dollar amount                       | 32  |
| FRECORD  | Family record   | 1   |
| FRELU6   | Related persons in family under 6                     | 28  |
| FRELU18  | Related persons in family under 18                    | 29  |
| FRETVAL  | Retirement family income                              | 134 |
| FRNTVAL  | Rental family income                                  | 158 |
| FRSPOV   | Ratio of related subfamily income to low-income level | 40  |
| FRSPPCT  | Low income cutoff dollar amount of related subfamily  | 42  |
| FSEVAL   | Self employment income                                | 56  |
| FSPANISH | Spanish origin of reference person or spouse          | 231 |
| FSPOUIDX | Family spouse index in persons record                 | 19  |
| FSSIVAL  | Supplemental Security family income                   | 96  |
| FSSVAL   | Social Security family income family income           | 88  |
| FSUP-WGT | Householder or reference person weight                | 233 |
| FSURVAL  | Survivor family income                                | 118 |
| FTOT-R   | Total family income recode                            | 229 |
| FTOTVAL  | Total family income                                   | 205 |
| FTYPE    | Family type   | 10  |
| FUCVAL   | Unemployment compensation family income               | 72  |
| FVETVAL  | Veteran payments family income                        | 110 |
| FWCVAL   | Worker's compensation family income                   | 80  |
| FWIFEIDX | Index to persons record of family wife                | 15  |
| FWSVAL   | Wages and salaries family income                      | 48  |
| POVLL    | Ratio of family income to low-income level            | 38  |

Person Record

| Mnemonic | Item                          | Location |
|----------|-------------------------------|----------|
| A%AGE    | Age allocation flag           | 491      |
| A%ANYWK  | Any work allocation flag      | 502      |
| A%AVAIL  | Allocation flag for basic CPS | 518      |
| A%CHKWJ  | Allocation flag for basic CPS | 524      |
| A%CLSWKR | Allocation flag for basic CPS | 523      |
| A%EARNRT | Allocation flag for basic CPS | 531      |
| A%ENRCHK | Allocation flag for basic CPS | 538      |
| A%ENRLW  | Allocation flag for basic CPS | 539      |
| A%FTABS  | Allocation flag for basic CPS | 512      |
| A%FTPT   | Allocation flag for basic CPS | 541      |
| A%FTREAS | Allocation flag for basic CPS | 506      |
| A%GRSWK  | Allocation flag for basic CPS | 535      |
| A%HGA    | Allocation flag for basic CPS | 496      |
| A%HGC    | Allocation flag for basic CPS | 497      |
| A%HRLYWK | Allocation flag for basic CPS | 533      |
| A%HRS    | Allocation flag for basic CPS | 503      |
| A%HRSCHK | Allocation flag for basic CPS | 504      |
| A%HRSPAY | Allocation flag for basic CPS | 534      |
| A%HSCOL  | Allocation flag for basic CPS | 540      |
| A%IND    | Allocation flag for basic CPS | 521      |
| A%INTEND | Allocation flag for basic CPS | 530      |
| A%JOBABS | Allocation flag for basic CPS | 509      |
| A%LFSR   | Allocation flag for basic CPS | 500      |

|          |   |     |
|----------|---|-----|
| A%LINENO | Allocation flag for basic CPS                                     | 488 |
| A%LKFTPT | Allocation flag for basic CPS                                     | 517 |
| A%LKWK   | Allocation flag for basic CPS                                     | 513 |
| A%LOSTIM | Allocation flag for basic CPS                                     | 507 |
| A%MAJACT | Allocation flag for basic CPS                                     | 501 |
| A%MARITL | Allocation flag for basic CPS                                     | 492 |
| A%MTHD   | Allocation flag for basic CPS                                     | 514 |
| A%NLFLJ  | Allocation flag for basic CPS                                     | 526 |
| A%NLFROT | Allocation flag for basic CPS                                     | 525 |
| A%OCC    | Allocation flag for basic CPS                                     | 522 |
| A%ORIGIN | Origin allocation flag for basic CPS                              | 499 |
| A%OVRTIM | Allocation flag for basic CPS                                     | 508 |
| A%PARENT | Parent's line number allocation flag for basic CPS                | 490 |
| A%PAYABS | Allocation flag for basic CPS                                     | 511 |
| A%RACE   | Race allocation flag for basic CPS                                | 498 |
| A%RRP    | Relationship to reference person allocation flag for<br>basic CPS | 489 |
| A%SEX    | Sex allocation flag for basic CPS                                 | 494 |
| A%SPOUSE | Spouse's line number allocation flag for basic CPS                | 493 |
| A%UNCOV  | Allocation flag for basic CPS                                     | 537 |
| A%UNMEM  | Allocation flag for basic CPS                                     | 536 |
| A%USLFT  | Allocation flag for basic CPS                                     | 505 |
| A%USLHRS | Allocation flag for basic CPS                                     | 532 |
| A%VET    | Veteran status allocation flag for basic CPS                      | 495 |
| A%WANTJB | Allocation flag for basic CPS                                     | 528 |
| A%WHENLJ | Allocation flag for basic CPS                                     | 520 |
| A%WHYABS | Allocation flag for basic CPS                                     | 510 |
| A%WHYLFT | Allocation flag for basic CPS                                     | 527 |
| A%WHYLK  | Allocation flag for basic CPS                                     | 515 |
| A%WHYNA  | Allocation flag for basic CPS                                     | 519 |
| A%WHYNL  | Allocation flag for basic CPS                                     | 529 |
| A%WKSLK  | Allocation flag for basic CPS                                     | 516 |
| A-AGE    | Age   | 15  |
| A-ANYWK  | Any work done last week   | 75  |
| A-AVAIL  | Available for a job if offered one                                | 100 |
| A-CIVLF  | Civilian Labor Force Status                                       | 152 |
| A-CLSWKR | Class of worker   | 109 |
| A-DTIND  | Detailed industry code  | 157 |
| A-DTOCC  | Detailed occupation code  | 161 |
| A-ENRCHK | Interviewer check item  | 141 |
| A-ENRLW  | Attending or enrolled in high school, college,<br>or university   | 142 |
| A-ERNEL  | Earnings eligibility flag   | 163 |
| A-ERNLWT | Earnings/not in labor force weight                                | 58  |
| A-EXPLF  | Experienced labor force employment status                         | 150 |
| A-EXPRRP | Expanded relationship code  | 13  |
| A-FAMNUM | Family number   | 29  |
| A-FAMREL | Family relationship   | 32  |
| A-FAMTYP | Family type   | 31  |
| A-FNLWGT | Final weight  | 50  |
| A-FTABS  | Worked 35 hours or more per week                                  | 87  |
| A-FTLF   | Full-time labor force   | 153 |
| A-FTPT   | School enrollment, full-time or part-time                         | 144 |
| A-FTREAS | Works 35 hours or more a week at job                              | 80  |
| A-GRSWK  | Earnings per week at job before deductions                        | 135 |
| A-HERNTF | Weekly pay  | 642 |
| A-HGA    | Highest grade attended  | 22  |

|          |   |     |
|----------|---|-----|
| A-HGC    | Highest grade completed   | 24  |
| A-HRLYWK | Hourly wages  | 130 |
| A-HRS1   | Hours worked last week at all jobs                              | 76  |
| A-HRSCHK | Interviewer check item  | 78  |
| A-HRSPAY | Earnings per hour   | 131 |
| A-HSCOL  | Attending or enroled in high school or college                  | 143 |
| A-IND    | Industry  | 103 |
| A-INTEND | Looking for work during next 12 months                          | 126 |
| A-JOBABS | Absent from job or business or on layoff last week              | 84  |
| A-LFSR   | Labor force status recode                                       | 145 |
| A-LINENO | Line number   | 9   |
| A-LKFTPT | Looking for full/part-time work                                 | 99  |
| A-LKWK   | Looking for work during past 4 weeks                            | 88  |
| A-LOSTIM | Lost time or time taken off from work, any reason               | 82  |
| A-MAJACT | Activity most of last week                                      | 74  |
| A-MARITL | Marital status  | 17  |
| A-MJIND  | Major industry code   | 155 |
| A-MJOCC  | Major occupation code   | 159 |
| A-MTHD1  | Looking for job, public employment agency                       | 89  |
| A-MTHD2  | Looking for job, private employment agency                      | 90  |
| A-MTHD3  | Looking for job, employer directly                              | 91  |
| A-MTHD4  | Looking for job, friends or relatives                           | 92  |
| A-MTHD5  | Looking for job, placed or answered ads                         | 93  |
| A-MTHD6  | Looking for job, did nothing                                    | 94  |
| A-MTHD7  | Looking for job, other methods                                  | 95  |
| A-NLFLJ  | Last full/part-time job   | 112 |
| A-NLFREA | Current activity/reason not looking                             | 147 |
| A-OCC    | Occupation  | 106 |
| A-OVRTIM | Overtime work or worked at more than one job                    | 83  |
| A-PARENT | Parent's line number  | 11  |
| A-PAYABS | Wages or salary received during week                            | 86  |
| A-PFREL  | Primary family relationship                                     | 33  |
| A-RACE   | Race  | 25  |
| A-RCOW   | Class of worker recode  | 164 |
| A-REORGN | Origin  | 27  |
| A-SEX    | Sex   | 20  |
| A-SPOUSE | Spouse's line number  | 18  |
| A-UNCOV  | Union or employee association contract                          | 140 |
| A-UNMEM  | Labor union or of an employee association member                | 139 |
| A-UNTYPE | Unemployment, reason  | 146 |
| A-USLFT  | Worked 35 hours or more a week at job                           | 79  |
| A-USLHRS | Hours per week usually worked at job                            | 128 |
| A-VET    | Veteran   | 21  |
| A-WANTJB | Regular job wanted, either full/part-time                       | 114 |
| A-WERNTF | Current earnings, hourly pay                                    | 641 |
| A-WHENLJ | Last time worked at a full/part-time job                        | 102 |
| A-WHYABS | Absent from work last week, reason                              | 85  |
| A-WHYLFT | Reason left job   | 113 |
| A-WHYLK  | Looking for work, reason  | 96  |
| A-WHYNA  | Job not taken, reason   | 101 |
| A-WHYNL1 | Reason for not working, believes no work available              | 115 |
| A-WHYNL2 | Reason for not working, couldn't find any work                  | 116 |
| A-WHYNL3 | Reason for not working, lacks necessary schooling,<br>etc.      | 117 |
| A-WHYNL4 | Reason for not working, employers think too young or<br>too old | 118 |
| A-WHYNL5 | Reason for not working, other personal handicap in              |     |



|          |  |       |
|----------|--|-------|
|          | finding  | 119   |
| A-WHYNL6 | Reason for not working, can't arrange child care                   | 120   |
| A-WHYNL7 | Reason for not working, family responsibilities                    | 121   |
| A-WHYNL8 | Reason for not working, in school or other training                | 122   |
| A-WHYNL9 | Reason for not working, ill health                                 | 123   |
| A-WHYNLA | Reason for not working, other                                      | 124   |
| A-WHYNLB | Reason for not working, don't know                                 | 125   |
| A-WKSCH  | Employment status, time worked or lost                             | 151   |
| A-WKSLK  | Length of time looking for work                                    | 97    |
| A-WKSTAT | Full/part-time status  | 149   |
| AGE1     | Age recode, persons 15+ years                                      | 40    |
| ALM-VAL  | Alimony income received  | 421   |
| ALM-YN   | Alimony payments   | 420   |
| CH-HI    | Child covered by health insurance                                  | 487   |
| CH-MC    | Child covered by medicare  | 486   |
| CHAMP    | Covered by Champus, VA, or military health care                    | 471   |
| CLWK     | Longest job class of worker recode                                 | 202   |
| COV-GH   | Group health insurance, including dependents                       | 484   |
| COV-HI   | Private health insurance, including dependents                     | 485   |
| CSP-VAL  | Child support payments value                                       | 415   |
| CSP-YN   | Child support payments received                                    | 414   |
| DIS-CS   | Retire or leave a job for health reasons                           | 344   |
| DIS-HP   | Health problem or a disability which prevents working              | 343   |
| DIS-SC1  | Source of income   | 346   |
| DIS-SC2  | Disability income, other   | 348   |
| DIS-VAL1 | Disability income, source 1  | 350   |
| DIS-VAL2 | Disability income, source 2  | 355   |
| DIS-YN   | Disability income other than Social Security or veterans' benefits | 345   |
| DIV-NON  | No dividends received  | 392   |
| DIV-VAL  | Stock dividends value  | 393   |
| DIV-YN   | Dividends received   | 391   |
| DSAB-VAL | Disability income, total   | 360   |
| EARNER   | Earner Status Recode   | 201   |
| ED-VAL   | Educational assistance, total value                                | 408   |
| ED-YN    | Educational assistance   | 404   |
| ERN-OTR  | Money earned from other work                                       | 235   |
| ERN-SRCE | Source of earnings from longest job                                | 234   |
| ERN-VAL  | Earnings before deductions, value                                  | 228   |
| ERN-YN   | Earnings from longest job  | 227   |
| FAMREL   | Family relationship, primary and unrelated subfamily only          | 35    |
| FIN-VAL  | Financial assistance income  | 427   |
| FIN-YN   | Financial assistance   | 426   |
| FL-665   | 665 Person match   | 465 * |
| FRM-VAL  | Farm self-employment earnings value                                | 263   |
| FRMOTR   | Farm self-employment   | 262   |
| FRSE-VAL | Farm self-employment earnings, total value                         | 269   |
| FRSE-YN  | Farm self-employment   | 268   |
| GRIN-REG | Previous residence region  | 215   |
| GRIN-ST  | FIPS State code  | 216   |
| GRN-PLAC | MSA status description of residence                                | 224   |
| HHDFMX   | Household and family status  | 37    |
| HHDREL   | Household summary  | 34    |
| HI-YN    | Private health insurance plan coverage                             | 472   |
| HIELSE1  | Spouse in household  | 476   |
| HIELSE2  | Children in household  | 477   |

|           |   |        |
|-----------|---|--------|
| HIELSE3   | Children not in household                               | 478    |
| HIELSE4   | Self only in household                                  | 479    |
| HIELSE5   | Others in household                                     | 480    |
| HIEMP     | Health insurance plan offered through employer or union | 474    |
| HIOWN     | Health insurance plan coverage in own name              | 473    |
| HIPAUD    | Health plan portion paid by employer or union           | 475    |
| HRCHECK   | Interviewer check item                                  | 183    |
| HRSWK     | Hours worked per week                                   | 181    |
| I-ALMVAL  | Allocation flag for March supplement                    | 599    |
| I-ALMYN   | Allocation flag for March supplement                    | 598    |
| I-CHAMP   | Allocation flag for March supplement                    | 627    |
| I-CSPVAL  | Allocation flag for March supplement                    | 597    |
| I-CSPYN   | Allocation flag for March supplement                    | 596    |
| I-DISCS   | Allocation flag for March supplement                    | 576    |
| I-DISHP   | Allocation flag for March supplement                    | 575    |
| I-DISSC1  | Allocation flag for March supplement                    | 573    |
| I-DISSC2  | Allocation flag for March supplement                    | 574    |
| I-DISTYP  | Allocation flag for March supplement                    | 578    |
| I-DISVL1  | Allocation flag for March supplement                    | 579    |
| I-DISVL2  | Allocation flag for March supplement                    | 580    |
| I-DISYN   | Allocation flag for March supplement                    | 577    |
| I-DIVVAL  | Allocation flag for March supplement                    | 589    |
| I-DIVYN   | Allocation flag for March supplement                    | 588    |
| I-EDTYP1  | Allocation flag for March supplement                    | 593    |
| I-EDTYP2  | Allocation flag for March supplement                    | 594    |
| I-EDYN    | Allocation flag for March supplement                    | 592    |
| I-ERNSRC  | Allocation flag for March supplement                    | 623    |
| I-ERINVAL | Allocation flag for March supplement                    | 543    |
| I-ERNYN   | Allocation flag for March supplement                    | 542    |
| I-FINVAL  | Allocation flag for March supplement                    | 601    |
| I-FINYN   | Allocation flag for March supplement                    | 600    |
| I-FRMVAL  | Allocation flag for March supplement                    | 549    |
| I-FRMYN   | Allocation flag for March supplement                    | 548    |
| I-HIELSE  | Allocation flag for March supplement                    | 632    |
| I-HIEMP   | Allocation flag for March supplement                    | 630    |
| I-HIOWN   | Allocation flag for March supplement                    | 629    |
| I-HIPAUD  | Allocation flag for March supplement                    | 631    |
| I-HIYN    | Allocation flag for March supplement                    | 628    |
| I-HRCHK   | Allocation flag for March supplement                    | 612    |
| I-HRSWK   | Allocation flag for March supplement                    | 611    |
| I-INDUS   | Allocation flag for March supplement                    | 617    |
| I-INTVAL  | Allocation flag for March supplement                    | 587    |
| I-INTYN   | Allocation flag for March supplement                    | 586    |
| I-LJCW    | Allocation flag for March supplement                    | 616    |
| I-LKSTR   | Allocation flag for March supplement                    | 608    |
| I-LKWECK  | Allocation flag for March supplement                    | 607    |
| I-LOSEWK  | Allocation flag for March supplement                    | 606    |
| I-MCAID   | Allocation flag for March supplement                    | 626    |
| I-MCARE   | Allocation flag for March supplement                    | 625    |
| I-MIG1    | Allocation flag for March supplement                    | 635 *  |
| I-MIG2    | Allocation flag for March supplement                    | 635 ** |
| I-MIG4    | Allocation flag for March supplement                    | 636    |
| I-NOEMP   | Allocation flag for March supplement                    | 624    |
| I-NWLKWK  | Allocation flag for March supplement                    | 604    |
| I-NWLOOK  | Allocation flag for March supplement                    | 603    |
| I-OCCUP   | Allocation flag for March supplement                    | 618    |

|          |                                       |     |
|----------|---------------------------------------|-----|
| I-OEDVAL | Allocation flag for March supplement  | 595 |
| I-OIVAL  | Allocation flag for March supplement  | 602 |
| I-PAWMO  | Allocation flag for March supplement  | 562 |
| I-PAWTYP | Allocation flag for March supplement  | 560 |
| I-PAWVAL | Allocation flag for March supplement  | 561 |
| I-PAWYN  | Allocation flag for March supplement  | 559 |
| I-PENINC | Allocation flag for March supplement  | 634 |
| I-PENPLA | Allocation flag for March supplement  | 633 |
| I-PHMEMP | Allocation flag for March supplement  | 610 |
| I-PTRSN  | Allocation flag for March supplement  | 615 |
| I-PTWKS  | Allocation flag for March supplement  | 614 |
| I-PTYN   | Allocation flag for March supplement  | 613 |
| I-PYRSN  | Allocation flag for March supplement  | 609 |
| I-RETSC1 | Allocation flag for March supplement  | 582 |
| I-RETSC2 | Allocation flag for March supplement  | 583 |
| I-RETVL1 | Allocation flag for March supplement  | 584 |
| I-RETVL2 | Allocation flag for March supplement  | 585 |
| I-RETYN  | Allocation flag for March supplement  | 581 |
| I-RNTVAL | Allocation flag for March supplement  | 591 |
| I-RNTYN  | Allocation flag for March supplement  | 590 |
| I-RSNNOT | Allocation flag for March supplement  | 605 |
| I-SEVAL  | Allocation flag for March supplement  | 547 |
| I-SEYN   | Allocation flag for March supplement  | 546 |
| I-SSIVAL | Allocation flag for March supplement  | 558 |
| I-SSIYN  | Allocation flag for March supplement  | 557 |
| I-SSVAL  | Allocation flag for March supplement  | 556 |
| I-SSYN   | Allocation flag for March supplement  | 555 |
| I-SURSC1 | Allocation flag for March supplement  | 569 |
| I-SURSC2 | Allocation flag for March supplement  | 570 |
| I-SURTYP | Allocation flag for March supplement  | 568 |
| I-SURVL1 | Allocation flag for March supplement  | 571 |
| I-SURVL2 | Allocation flag for March supplement  | 572 |
| I-SURYN  | Allocation flag for March supplement  | 567 |
| I-UCVAL  | Allocation flag for March supplement  | 551 |
| I-UCYN   | Allocation flag for March supplement  | 550 |
| I-VETQVA | Allocation flag for March supplement  | 566 |
| I-VETYP  | Allocation flag for March supplement  | 564 |
| I-VETVAL | Allocation flag for March supplement  | 565 |
| I-VETYN  | Allocation flag for March supplement  | 563 |
| I-WCTYP  | Allocation flag for March supplement  | 553 |
| I-WCVAL  | Allocation flag for March supplement  | 554 |
| I-WCYN   | Allocation flag for March supplement  | 552 |
| I-WKCHK  | Allocation flag for March supplement  | 622 |
| I-WKSWK  | Allocation flag for March supplement  | 621 |
| I-WORKYN | Allocation flag for March supplement  | 619 |
| I-WSVAL  | Allocation flag for March supplement  | 545 |
| I-WSYN   | Allocation flag for March supplement  | 544 |
| I-WTEMP  | Allocation flag for March supplement  | 620 |
| INDUSTRY | Industry of longest job               | 190 |
| INT-VAL  | Interest income received              | 386 |
| INT-YN   | Interest received                     | 385 |
| LJCW     | Class of worker                       | 189 |
| LKNONE   | Weeks worked                          | 175 |
| LKSTRCH  | Weeks looking for work in one stretch | 178 |
| LKWEEKS  | Weeks looking for work                | 176 |
| LOSEWKS  | Weeks lost from work                  | 174 |
| MARSUPWT | March supplement final weight         | 66  |

|          |   |     |
|----------|---|-----|
| MCAID    | Medicaid coverage   | 470 |
| MCARE    | Medicare coverage   | 469 |
| MIG-MTR1 | Migration recode  | 218 |
| MIG-MTR3 | Migration recode  | 220 |
| MIG-MTR4 | Migration recode  | 221 |
| MIGSAME  | Persons living in house last year   | 214 |
| MIGSUN   | Previous residence in sunbelt   | 223 |
| NOEMP    | People employed at job  | 226 |
| NWLKWK   | Weeks looking for work on layoff  | 168 |
| NWLOOK   | Looking for work  | 167 |
| OCCUP    | Occupation of longest job   | 193 |
| OED-TYP1 | Educational assistance, government  | 405 |
| OED-TYP2 | Educational assistance, scholarships, grants etc.                             | 406 |
| OED-TYP3 | Educational assistance, other   | 407 |
| OI-OFF   | Income sources, other   | 432 |
| OI-VAL   | Income, other   | 435 |
| OI-YN    | Income received, other  | 434 |
| P-STAT   | Status of person identifier   | 26  |
| PARENT   | Parent(s) present   | 39  |
| PAW-MON  | Social Security payments, months received                                     | 303 |
| PAW-TYP  | AFDC or some other type of assistance received                                | 302 |
| PAW-VAL  | Public assistance or welfare value received                                   | 305 |
| PAW-YN   | Public assistance received  | 301 |
| PEARVAL  | Earnings, total value   | 448 |
| PENINCL  | Pension plan participant  | 483 |
| PENPLAN  | Pension plan provided by employer or union                                    | 482 |
| PERLIS   | Low-income level of persons recode  | 468 |
| PF-SEQ   | Sequence number pointer to family record                                      | 46  |
| PH-SEQ   | Household sequence number   | 2   |
| PHF-SEQ  | Sequence number pointer to own family record in household                     | 44  |
| PHMEMPRS | Number of employers   | 180 |
| PLACDSCP | Place description of residence last year                                      | 225 |
| POCCU2   | Occupation of longest job   | 204 |
| POTHVAL  | Income, other persons total value   | 457 |
| PPPOS    | Record type and sequence indicator  | 7   |
| PPPOSOLD | Record type and sequence indicator  | 110 |
| PRECORD  | Person record   | 1   |
| PRNT-PTR | Sequence number of parent in household  | 48  |
| PTOT-R   | Person income, total  | 466 |
| PTOTVAL  | Person income, total  | 440 |
| PTRSN    | Worked less than 35 hours per week, reason                                    | 187 |
| PTWEEKS  | Weeks worked less than 35 hours   | 185 |
| PTYN     | Worked less than 35 hours   | 184 |
| PYRSN    | Not looking for work reason   | 179 |
| RET-SC1  | Retirement income source, type 1  | 367 |
| RET-SC2  | Retirement income, other, type 2  | 368 |
| RET-VAL1 | Retirement income, type 1   | 369 |
| RET-VAL2 | Retirement income, type 2   | 374 |
| RET-YN   | Pension or retirement income other than Social Security or veterans' benefits | 366 |
| RNT-VAL  | Rent income   | 399 |
| RNT-YN   | Rent income received  | 398 |
| RSNNOTW  | Reason for not working  | 170 |
| RTM-VAL  | Retirement income received, total   | 379 |
| SCHL1    | Years of school completed   | 42  |
| SE-VAL   | Own business self-employment earnings, other work                             | 250 |

|          |   |     |
|----------|---|-----|
| SEMP-VAL | Own business self-employment earnings, total value                      | 256 |
| SEMP-YN  | Own business self-employment  | 255 |
| SEOTR    | Own business self-employment, other work                                | 249 |
| SRVS-VAL | Survivor's income received, total                                       | 337 |
| SS-VAL   | Social Security payments received, value                                | 291 |
| SS-YN    | Social Security payments received                                       | 290 |
| SSI-VAL  | Supplemental Security income  | 297 |
| SSI-YN   | Supplemental Security income received                                   | 296 |
| STRKUC   | Union unemployment or strike benefits received                          | 277 |
| SUBUC    | Supplemental unemployment benefits received                             | 276 |
| SUR-SC1  | Survivor's income, source 1   | 323 |
| SUR-SC2  | Survivor's income, source 2   | 325 |
| SUR-VAL1 | Survivor's income, source 1   | 327 |
| SUR-VAL2 | Survivor's income, source 2   | 332 |
| SUR-YN   | Survivor's benefits other than Social Security or<br>veterans' benefits | 322 |
| TCERNVAL | Earnings from employer or self-employment, value                        | 637 |
| TCFFMVAL | Farm self employment income   | 640 |
| TCSEVAL  | Nonfarm self employment income  | 639 |
| TCWSVAL  | Wage and salary income  | 638 |
| UC-VAL   | Unemployment compensation benefits value                                | 278 |
| UC-YN    | Unemployment compensation benefits                                      | 275 |
| VET-QVA  | VA annual income questionnaire requirement                              | 316 |
| VET-TYP1 | Veterans' payments, type 1  | 311 |
| VET-TYP2 | Veterans' payments, type 2  | 312 |
| VET-TYP3 | Veterans' payments, type 3  | 313 |
| VET-TYP4 | Veterans' payments, type 4  | 314 |
| VET-TYP5 | Veterans' payments, type 5  | 315 |
| VET-VAL  | Veterans' payments income   | 317 |
| VET-YN   | Veterans' payments received   | 310 |
| WAGEOTR  | Other wage and salary earnings  | 236 |
| WC-TYPE  | Worker's compensation payments, type                                    | 284 |
| WC-VAL   | Worker's compensation payments, value                                   | 285 |
| WC-YN    | Worker's compensation payments received                                 | 283 |
| WECLW    | Longest job class of worker   | 203 |
| WEIND    | Industry of longest job by detailed groups                              | 208 |
| WELKNW   | Weeks nonworker looked for job  | 199 |
| WEMIND   | Industry of longest job by major industry group                         | 210 |
| WEMOCG   | Occupation of longest job by major groups                               | 206 |
| WEUEMP   | Weeks looking for job   | 200 |
| WEWKRS   | Weeks worked last year  | 198 |
| WEXP     | Full/part-time worker   | 196 |
| WKCHECK  | Interviewer check item  | 173 |
| WKSWORK  | Weeks worked  | 171 |
| WORKYN   | Work at job or business during year                                     | 165 |
| WRK-CK   | Interviewer check item  | 481 |
| WS-VAL   | Wage and salary earnings, other, value                                  | 237 |
| WSAL-VAL | Total wage and salary earnings value                                    | 243 |
| WSAL-YN  | Wage and salary earnings in ERN-YN or WAGEOTR                           | 242 |
| WTEMP    | Temporary, part-time, or seasonal work                                  | 166 |

\* 1991 only

\*\* 1988 - 1990