
Codebook

United States Department of Education
National Center for Education Statistics

ICPSR 2746
BIBLIOGRAPHIC CITATION

Publications based on ICPSR data collections should acknowledge those sources by means of bibliographic citations. To ensure that such source attributions are captured for social science bibliographic utilities, citations must appear in footnotes or in the reference section of publications. The bibliographic citation for this data collection is:


REQUEST FOR INFORMATION ON USE OF ICPSR RESOURCES

To provide funding agencies with essential information about use of archival resources and to facilitate the exchange of information about ICPSR participants' research activities, users of ICPSR data are requested to send to ICPSR bibliographic citations for each completed manuscript or thesis abstract. Please indicate in a cover letter which data were used.

DATA DISCLAIMER

The original collector of the data, ICPSR, and the relevant funding agency bear no responsibility for uses of this collection or for interpretations or inferences based upon such uses.
United States Department of Education. National Center for Education Statistics


SUMMARY: This data collection, a revised version of SCHOOLS AND STAFFING SURVEY, 1990-1991 [UNITED STATES]: TEACHER FOLLOW-UP SURVEY, 1991-1992 (ICPSR 6317), is a follow-up to the Teacher Survey in SCHOOLS AND STAFFING SURVEY, 1990-1991 [UNITED STATES]: REVISED VERSION (ICPSR 2745). The Teacher Follow-Up Survey was designed to update data on teacher career patterns and plans and to determine attrition rates. It queried a subsample of teachers in the profession during the school year 1990-1991 and had two components: teachers who left the teaching profession between the school years 1990-1991 and 1991-1992 (former teachers) and teachers who remained in the profession (current teachers). Information in this revised collection is given separately for public school teachers (Part 1) and private school teachers (Part 2). Questions were asked on topics such as current activity, occupation, career patterns, educational pursuits, future plans, attitudes toward the teaching profession, and overall job satisfaction. Data are also available on teachers who remained in the teaching profession but moved to different schools (movers).

UNIVERSE: Public and private school teachers in the United States (state representative within the public sector).


NOTE: (1) This revised version of the collection is derived from the NCES's "Schools and Staffing Survey (SASS) and Teacher Follow-Up Survey (TFS) CD-ROM: Public-Use Data for 3 Cycles of SASS and TFS." This version contains additional created variables and supersedes ICPSR 6317. (2) The codebook and technical manual are provided as Portable Document Format (PDF) files. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat Reader is provided through the ICPSR Website on the Internet.

RESTRICTIONS: These data are released in accordance with the provisions of the General Education Provisions Act (GEPA). GEPA protects privacy by ensuring that respondents will never be
individually identified. Under Public Law 100-297, the National Center for Educational Statistics is responsible for protecting the confidentiality of individual respondents and is releasing these data to be used for statistical purposes only. Record matching or deductive disclosure by any user is prohibited. To ensure that the confidentiality provisions contained in PL 100-297 have been fully implemented, procedures for disclosure avoidance were used in preparing the data in this release. Every effort has been made to provide the maximum research information consistent with reasonable confidentiality protections. Therefore, certain variables have been deleted and others have been recoded into broader categories.

EXTENT OF COLLECTION: 2 data files + machine-readable documentation (PDF) + SAS data definition statements + SPSS data definition statements

EXTENT OF PROCESSING: CONCHK.PR/ CONCHK.ICPSR/ DDEF.ICPSR/ REFORM.DOC/ SCAN/ UNDOCCHK.ICPSR

DATA FORMAT: Logical Record Length with SAS and SPSS data definition statements

Part 1: Teacher Follow-Up
Survey Public School Data
File Structure: rectangular
Cases: 4,761
Variables: 1,113
Record Length: 1,024
Records Per Case: 3

Part 2: Teacher Follow-Up
Survey Private School Data
File Structure: rectangular
Cases: 1,972
Variables: 1,113
Record Length: 1,024
Records Per Case: 3
Emerson J. Elliott  
Commissioner  
National Center for Education Statistics  

"The purpose of the Center shall be to collect, and analyze, and disseminate statistics and other data related to education in the United States and in other nations."--Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

July 1994  

Contact:  
Summer Whitener  
(202) 219-1368
Table of Contents

I. Overview
   A. Purpose of the Survey
   B. Periodicity of Survey
   C. Target Populations
   D. Definitions

II. Sample Design
   A. SASS Sampling Frames
   B. SASS Stratification
   C. TFS Stratification and Sample Allocation
   D. SASS Sample Selection
   E. TFS Sample Selection

III. Data Collection
   A. Time Frame of the Survey
   B. Data Collection Procedures

IV. Edit Procedures
   A. General Edit
   B. Interview Status Recode (ISR)

V. Response Rates
   A. Survey Response Rates
   B. Item Response Rates

VI. Imputation

VII. Weighting
   A. SASS Teacher Weights
   B. TFS Teacher Weights

VIII. Variance Estimation

IX. Reinterview Program

X. Changes to TFS Content from 1988-89 to 1991-92


XII. User Notes and Comments

APPENDICES

Appendix A: Questionnaire - Former Teachers
Appendix B: Questionnaire - Current Teachers
Appendix C: Crosswalk from the 1988-89 TFS to 1991-92 TFS
Appendix D: Industry Codes
Appendix E: Record Layout
I. Overview

A. Purpose of the Survey

The National Center for Education Statistics (NCES) sponsored the 1991-92 Teacher Followup Survey (TFS), conducted by the U.S. Bureau of the Census, to update data on teacher career patterns and plans. This survey is a followup of a sample of teachers from the 1990-91 Schools and Staffing Survey (SASS). Data from previous surveys have been used by Congress, state education departments, federal agencies, private school associations, teacher associations, and educational organizations.

The Teacher Followup Survey is the fifth component of the SASS and is conducted 1 year after the SASS data collection. The other four components of SASS are the Teacher Demand and Shortage Survey, School Administrator Survey, School Survey, and Teacher Survey. The 1990-91 SASS teacher sample is a nationally representative sample of public and private school teachers in the United States and is state representative in the public sector. The Teacher Followup Survey is a subsample of teachers in the profession during school year 1990-91. The subsample has two parts, "former teachers" and "current teachers." The Teacher Followup Survey is a followup of the teachers in the 1990-91 SASS teacher sample who left the teaching profession between school years 1990-91 and 1991-92 (former teachers) and a subsample of those who remained in the teaching profession (current teachers).

The major objectives of the Teacher Followup Survey are to:

- Determine the attrition rate for teachers; that is, the percentage of teachers who left the teaching profession between school years 1990-91 and 1991-92;
- Determine the characteristics of those who stay in the teaching profession and those who leave;
- Obtain major activity or occupation data for those who leave the teaching profession and career information for those who remain in the profession;
- Obtain data on educational activities and future plans; and
- Obtain data on attitudes about the teaching profession and job satisfaction.

Survey data collected in the 1990-91 Schools and Staffing Survey teacher questionnaire are included as classifying variables for analysis of the Teacher Followup Survey data. The Teacher Followup Survey data can be analyzed for leavers (former teachers), stayers (current teachers), and movers. Movers are those teachers who have remained in the teaching profession but have moved to different schools.

One objective of the Schools and Staffing Surveys is to collect national data (and state data in the public sector and affiliation data
in the private sector) for estimating teacher turnover and for
understanding teacher attrition. The Teacher Followup Survey is designed
to be used in conjunction with the other Schools and Staffing Surveys to
study the attrition behavior of public and private school teachers.

B. Periodicity of Survey

The Teacher Followup Survey will be conducted again in 1995 for a
subsample of teachers selected for the 1993–94 SASS. Every 3 year
administration of the SASS will be followed 1 year later by the TFS.
Plans are being developed for a more extended longitudinal study of a
subsample of teachers in a future SASS, where interviews of the same
teachers will be conducted periodically over an extended period of time.

C. Target Populations

The target population for the TFS consists of teachers in the United
States during the 1990–91 school year. This population has two components
in 1991–92, former and current teachers.

D. Definitions

1. Teacher Followup Survey (TFS) Definitions

   The following Teacher Followup Survey terms are defined as they
   apply to TFS:

   Teacher. A teacher is defined as any full-time or part-time
teacher whose school reported that his/her primary assignment was
teaching in any of grades K–12. Itinerant teachers were included,
as well as long-term substitutes who were filling the role of a
regular teacher on an indefinite basis. An itinerant teacher is
defined as a teacher who teaches at more than one school; for
example, an art teacher who teaches at two or more elementary
schools in the district.

   Public school. A public school is defined as an institution
which provides educational services, has one or more teachers to
give instruction, is located in one or more buildings, receives
public funds as primary support, has an assigned administrator, and
is operated by an education agency. Schools in juvenile detention
centers and schools located on military bases and operated by the
Department of Defense are included.

   Private school. A private school is defined as a school not in
the public system that provides instruction for any of grades 1–12
where the instruction is not given exclusively in a private home.
To be included in SASS, a school was required to provide instruction
to students in at least one of grades 1–12 and not to be in a
private home. (If it could not be determined whether or not it
operated in a private home, the school had to have at least 10
students or more than one teacher). Schools that taught only
prekindergarten, kindergarten, or adult education were not included.
Leavers. Teachers who left the teaching profession between school years 1990-91 and 1991-92.

Movers. Teachers who moved to a different school between school years 1990-91 and 1991-92.

Stayers. Teachers who stayed in the same school between school years 1990-91 and 1991-92.


2. Schools and Staffing Survey (SASS) Definitions

The following definitions are used in the 1990-91 Schools and Staffing Survey and are included on each respondent's record to identify the school in which he or she taught at that time. Detailed information about a teacher's 1991-92 school was not obtained in the followup year.

Teacher. A teacher is defined as any full-time or part-time teacher whose school reported that his/her primary assignment was teaching in any of grades K-12. Itinerant teachers were included, as well as long-term substitutes who were filling the role of a regular teacher on an indefinite basis. An itinerant teacher is defined as a teacher who teaches at more than one school; for example, an art teacher who teaches at two or more elementary schools in the district.

Public school. A public school is defined as an institution which provides educational services, has one or more teachers to give instruction, is located in one or more buildings, receives public funds as primary support, has an assigned administrator, and is operated by an education agency. Schools in juvenile detention centers and schools located on military bases and operated by the Department of Defense are included.

Private school. A private school is defined as a school not in the public system that provides instruction for any of grades 1-12 where the instruction is not given exclusively in a private home. To be included in SASS, a school was required to provide instruction to students in at least one of grades 1-12 and not to be in a private home. (If it could not be determined whether or not it operated in a private home, the school had to have at least 10 students or more than one teacher). Schools that taught only prekindergarten, kindergarten, or adult education were not included.

Elementary school. A school that has grade 6 or lower, or "ungraded" and no grade higher than the 8th.

Secondary school. A school that has no grade lower than the 7th, or "ungraded" and has grade 7 or higher.
Combined school. A school that has grades higher than the 8th and lower than the 7th.

Special education, vocational education, alternative schools. Schools identified as special education, vocational education, or alternative schools on the sampling frame were placed in the combined stratum for sampling.

Out-of-scope SASS teacher. A sample teacher was considered out-of-scope if he or she was a short-term substitute, a student teacher, a nonteaching specialist (e.g., guidance counselor, librarian), a teacher's aide, or in some other professional or support staff position. If a sample school was considered out-of-scope, all teachers from that school were also considered out-of-scope.

Community type. Community type for the 1990-91 SASS school year in which the teacher taught was derived from the "urbanicity" code (locale) developed by Johnson./3/ The locale code was based on the school's mailing address matched to Bureau of the Census data files containing population density data, Standard Metropolitan Statistical Area (SMSA) codes, and a Census defining urban and rural areas. These data files came from the 1980 Census.

The community type for the school to which the teachers had moved in the year following the administration of the SASS (1991-92) is available based upon the teacher's self report in the variable TFS137. The Johnson locale code and the self reported urbanicity variables are conceptually different. (See Johnson, F. (1993), "Comparisons of School Locale Setting: Self-Reported Versus Assigned", Proceeding of the survey Research Method Section, American Statistical Association, Alexandria, VA. (forthcoming).

Region.


Midwest. Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas

South. Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas


School size. Size categories were based on the number of students (in head counts) who were enrolled in grades K-12 in the
school on or about October 1, 1990 (as reported in Item 1 on the SASS School Questionnaire).

II. Sample Design

A. SASS Sampling Frames

1. Public Schools

   The public school sampling frame was based on the 1988-89 school year Common Core of Data (CCD). The CCD is collected annually by the NCES from all state education agencies and is believed to be the most complete public school listing available. The frame includes regular public schools, schools in Department of Defense operated military bases, nonregular schools such as special education, vocational, and alternative schools.

2. Private Schools

   The sampling frame for private schools was the 1989-90 Private School Universe Survey. This data collection used two components to develop estimates of the number of private schools in the United States. A list frame was the primary private school frame and an area frame was used to identify schools not on the list frame and thereby compensate for the undercoverage aspects of the list frame.

List Frame

   The list frame used for the 1990-91 SASS private school sample was the same list used for the 1989-90 Private Schools Survey (PSS). It consisted of approximately 22,600 schools from the 1986 Quality Education Data (QED) private school list and about 1,600 schools added in an 1989 update operation.

Area Frame

   The area frame consisted of a list of schools that had not been included by QED on their private school listing and had not been reported by a private school association during the list frame updating operation. These schools were located in 123 selected PSUs throughout the United States.

   For more information, see the technical report, 1990-91 Schools and Staffing Survey Sample Design and Estimation (S. Kaufman and H. Huang, NCES-93-449).

Duplicate schools, as well as schools that did not meet the criteria for being in scope for the survey were eliminated from the files before sampling. The resulting number of public schools on the 1988-89 CCD was 83,165; the resulting number of private schools on the 1989-90 PSS was 24,200. Additional duplicate private schools were discovered on the PSS after sampling had taken place; these schools received a weighting adjustment to account for their increased probability of
selection. Additional out-of-scope public and private schools were detected after processing the sampled schools' SASS School Questionnaires. These schools were eliminated from further processing of the school samples and do not figure into any Schools and Staffing Survey estimates of number of schools.

B. SASS Stratification

1. Public Schools

The first level of stratification was four types of schools: (A) BIA (Bureau of Indian Affairs) schools; (B) Native American schools (schools with 25% or more Native American students); (C) schools in Delaware, Nevada and West Virginia (where it was necessary to implement a different sampling methodology to select at least one school from each LEA in the state because of the small number of LEAs); and (D) all other schools (all schools not included in A, B, or C).

The second level of stratification: The type A schools were stratified by Arizona, New Mexico, South Dakota, and all other states. The type B schools were stratified by Arizona, North Dakota, Oklahoma and all other states (except Alaska, since most Alaskan schools have high Native American enrollment). The type C schools were stratified first by state and then by LEA. The type D schools were stratified by state (all states and the District of Columbia except Delaware, Nevada and West Virginia).

Within each second level of stratification there were three grade level strata (elementary, secondary, and combined schools), defined as follows:

Regular Schools:

- Elementary: Lowest Grade <= 6 and Highest grade <= 8
- Secondary: Lowest Grade >= 7 and Highest grade <= 12
- Combined: Lowest Grade <= 6 and Highest grade > 8

Nonregular schools which include special education, vocational, technical, adult education (if part of in-scope school) or alternative/continuation grades were classified as combined schools.

2. Private Schools

For list frame private schools, the frame was partitioned into an initial set of 216 cells. The first level of stratification was school association membership (18):

(1) Military - membership in the Association of American Military Colleges and Schools;
(2) Catholic - affiliation as Catholic or membership in the National Catholic Education Association or the
Jesuit Secondary Education Association;

(3) Friends - affiliation as Friends or membership in the Friends Council on Education;

(4) Episcopal - affiliation as Episcopal or membership in the National Association of Episcopal Schools;

(5) Hebrew Day - membership in the National Society for Hebrew Day Schools;

(6) Solomon Schechter - membership in the Solomon Schechter Day Schools;

(7) Other Jewish - other Jewish affiliation;

(8) Missouri Synod - membership in the Lutheran Church, Missouri Synod school association;

(9) Wisconsin Synod - membership in the Evangelical Lutheran Church - Wisconsin Synod school association or affiliation as Evangelical Lutheran - Wisconsin Synod;

(10) Evangelical Lutheran - membership in the Association of Evangelical Lutheran Churches school association or affiliation as Evangelical Lutheran Church in America;

(11) Other Lutheran - other Lutheran affiliation;

(12) Seventh-Day Adventist - affiliation as Seventh-Day Adventist or membership in the General Conference of Seventh-Day Adventist;

(13) Christian Schools International - membership in Christian Schools International;

(14) Association of Christian Schools International - membership in the Association of Christian Schools International;

(15) National Association of Private Schools for Exceptional Children - membership in the National Association of Private Schools for Exceptional Children;

(16) Montessori - membership in the American Montessori Society or other Montessori association;

(17) National Association of Independent Schools - member of the National Association of Independent Schools;

(18) All else - member of any other association specified in the PSS or affiliated with a group not listed above or not a member of any association.

The secondary levels of stratification for the list frame were region and school level (elementary, secondary, or combined).

The area frame was stratified by PSU and school level.

C. TFS Stratification and Sample Allocation

The 1991-92 Teacher Follow-up Survey is a followup survey of approximately 7,200 teachers who were part of the 1990-91 SASS teacher sample. As described earlier, the purpose of the Teacher Followup Survey (TFS) was to measure teacher attrition rates a year after the 1990-91 SASS collection. In SASS, schools were selected first. Next, teachers were selected within each sampled school. From the SASS teacher sample the TFS teachers were selected. The Teacher Followup Survey is a stratified sample. The sample was allocated in order to allow comparisons of stayers, movers, and leavers within sector (public/private), experience groups, and level. Therefore, for the TFS, the responding 1990-91 SASS teachers were stratified by four variables
(teacher status, sector, experience, teaching level) in the order shown below:

Teacher status:

Leavers--teachers in the 1990-91 school year who left the teaching profession prior to the 1991-92 school year.

Stayers--teachers in the 1990-91 school year who are still teaching in the same school in 1991-92 as they were in the previous school year.

Movers--teachers in the 1990-91 school year who are still teaching, but are in a different school in the 1991-92 school year.

Sector:

Public--teachers who taught in a public school system in the 1990-91 school year.

Private--teachers who taught in a private school in the 1990-91 school year.

Experience:

New--teachers who had 3 or less years teaching experience at the end of the 1990-91 school year.

Experienced--teachers who had more than 3 years experience at the end of the 1990-91 school year.

Teaching level:

Elementary--teachers who taught elementary students in the 1990-91 school year regardless of the level of the school (elementary, secondary, combined) in which they taught.

Secondary--teachers who taught secondary students in the 1990-91 school year regardless of the level of the school (elementary, secondary, combined) in which they taught.

The public school teachers in the frame were sorted within each stratum (in order) by teacher's main subject taught (as reported by the principal in the SASS Teacher Listing Record Operation), Census region, urbanicity, school enrollment and SASS teacher control number. The private school teachers were sorted within each stratum (in order) by teacher's main subject taught (as reported by the principal in the SASS Teacher Listing Record Operation), private school affiliation, urbanicity, school enrollment and SASS teacher control number.

The final TFS sample allocation is summarized in Table II-1.
### Table II-1.--TFS sample allocation

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>New</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Public</strong></td>
<td>5,075</td>
<td>1,640</td>
<td>3,435</td>
</tr>
<tr>
<td><strong>Leavers</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>1,784</td>
<td>264</td>
<td>1,520</td>
</tr>
<tr>
<td>Elementary</td>
<td>600</td>
<td>76</td>
<td>524</td>
</tr>
<tr>
<td>Secondary</td>
<td>1,184</td>
<td>188</td>
<td>996</td>
</tr>
<tr>
<td><strong>Nonleavers</strong></td>
<td>3,291</td>
<td>1,376</td>
<td>1,914</td>
</tr>
<tr>
<td>Elementary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>1,739</td>
<td>746</td>
<td>993</td>
</tr>
<tr>
<td>Movers</td>
<td>728</td>
<td>402</td>
<td>326</td>
</tr>
<tr>
<td>Stayers</td>
<td>1,011</td>
<td>344</td>
<td>667</td>
</tr>
<tr>
<td><strong>Secondary</strong></td>
<td>1,851</td>
<td>530</td>
<td>1,321</td>
</tr>
<tr>
<td>Total</td>
<td>1,551</td>
<td>630</td>
<td>921</td>
</tr>
<tr>
<td>Movers</td>
<td>614</td>
<td>360</td>
<td>254</td>
</tr>
<tr>
<td>Stayers</td>
<td>937</td>
<td>270</td>
<td>667</td>
</tr>
<tr>
<td><strong>Private</strong></td>
<td>2,098</td>
<td>766</td>
<td>1,332</td>
</tr>
<tr>
<td><strong>Leavers</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>492</td>
<td>167</td>
<td>325</td>
</tr>
<tr>
<td>Elementary</td>
<td>240</td>
<td>78</td>
<td>162</td>
</tr>
<tr>
<td>Secondary</td>
<td>252</td>
<td>89</td>
<td>163</td>
</tr>
<tr>
<td><strong>Nonleavers</strong></td>
<td>1,606</td>
<td>599</td>
<td>1,007</td>
</tr>
<tr>
<td>Elementary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>765</td>
<td>306</td>
<td>459</td>
</tr>
<tr>
<td>Movers</td>
<td>193</td>
<td>75</td>
<td>118</td>
</tr>
<tr>
<td>Stayers</td>
<td>572</td>
<td>231</td>
<td>341</td>
</tr>
<tr>
<td>Secondary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>841</td>
<td>293</td>
<td>548</td>
</tr>
<tr>
<td>Movers</td>
<td>227</td>
<td>68</td>
<td>159</td>
</tr>
<tr>
<td>Stayers</td>
<td>614</td>
<td>225</td>
<td>389</td>
</tr>
</tbody>
</table>

Due to rounding, subtotals may not add to the total.

---

D. SASS Sample Selection

1. Public Schools

Before the sample of public schools was selected, the schools within each stratum were sorted. To facilitate the calculation of LEA weights, it was important to keep all schools within a stratum and LEA together. To accomplish this, the sort variable values were changed to make them the same for every school within a stratum and LEA. They were changed in the following manner:
a) The first three digits of the ZIP Code of all schools within a stratum and LEA was set equal to the ZIP Code of the first school in the stratum and LEA.

b) The urbanicity code of all schools within a stratum and LEA was changed to the urbanicity code most prevalent among all schools within the stratum and LEA and a new sampling urbanicity variable was created. If a tie occurred, the lower value was used. The urbanicity variable on the data file is not affected by this adjustment.

After these fields were changed the schools within a stratum were sorted by the following variables:

State;
LEA (Local Education Agency) urbanicity:
   1 = Large Central City
   2 = Mid-size Central City
   3 = Urban Fringe of Large City
   4 = Urban Fringe of Mid-size City
   5 = Large Town
   6 = Small Town
   7 = Rural;
LEA ZIP Code (The first three digits)
LEA ID number;
LEA percent minority:
   1 = 0-5%
   2 = 6-20%
   3 = 21-50%
   4 = 51% or more;
Highest grade in school;
School enrollment; and
CCD School ID (the CCD ID of the last school was used.)

Within each stratum, public schools were systematically selected using a probability proportionate to size algorithm. The measure of size used was the square root of the number of teachers in the school as reported on the CCD file. Any school with a measure of size larger than the sampling interval was excluded from the probability sampling process and included in the sample with certainty.

2. Private Schools

Within each stratum for private schools on the list frame, sorting took place on the following variables:

State;
Urbanicity:
   0 = unclassified
   1 = urban
   2 = suburban
   3 = rural;
ZIP Code (The first two digits);
Highest grade in the school;
Enrollment;
PIN number (a unique number which identifies the school).

Within each stratum, private schools in the list frame were systematically selected using a probability proportionate to size algorithm. The measure of size used was the square root of the 1989-90 PSS number of teachers in the school. Any school with a measure of size larger than the sampling interval was excluded from the probability sampling process and included in the sample with certainty.

Eligible schools in the private schools area frame were sorted using the following variables:

Affiliation (Catholic, other religious, and nonsectarian); Enrollment; and Alphabetical order of name.

Within each stratum, eligible schools in the area frame were systematically selected using a probability proportionate to size algorithm. The measure of size was the square root of the number of reported teachers from 1989-90 PSS. Any school with a measure of size larger than the sampling interval was excluded from the probability sampling process and included in the sample with certainty.

3. Teachers

Selecting the teacher sample in both public and private schools involved the following steps. The selected schools were asked to provide teacher lists. From the lists, 56,051 public and 9,166 private teachers were selected.

The public and private teacher sample selections are described together because identical methodologies were used. The only differences were in the average number of teachers selected within a school.

Teacher Frame

Each selected school was asked to provide a list of their teachers along with selected teacher characteristics. Eleven percent of the private schools and five percent of the public schools did not provide teacher lists. A factor in the teacher weighting system was used to adjust for these nonparticipant schools.

For each teacher on the list, the following was to be specified:

New/experienced; (New defined as in third year or less of teaching, experienced defined as everyone else.)

Bilingual/English as a Second Language (ESL); (Teachers [other than foreign language teachers] using a language
other than English in the classroom.)

Race/ethnicity; and

Field of Teaching (General elementary, special education, and all others for elementary level teachers; math, science, English, social studies, vocational education, special education, and all others for secondary teachers.)

The above information for each teacher in a selected SASS school comprised the school teacher frame.

Within each selected school, teachers were stratified into one of five teacher types in the following hierarchical order:

Asian or Pacific Islander;
American Indian or Aleutian or Eskimo;
Bilingual;
New; and
Experienced

Within-School Teacher Allocation

First, the total number of sample teachers was selected for each without regard to strata assuming no teacher oversampling for new teachers. Then, to allocate across the strata public school teachers were allocated to the new and experienced categories proportional to their numbers in the school. However, for private teachers, it was decided to oversample new teachers to ensure that there would be a sufficient sample of new teachers in the Teacher Follow-up Survey (TFS). (This was also done in 1987-88 SASS.)

Asian or Pacific Islander, American Indian or Aleutian Eskimo, and bilingual teachers were oversampled at a rate to ensure a set number of each group was selected. To make sure a school wasn't overburdened, the maximum number of teachers per school was set at 20. When the number of sample teachers exceeded 20 in a school, the Asian or Pacific Islander, American Indian or Aleutian or Eskimo and bilingual teachers were proportionally reduced to meet the maximum requirement.

Within each teacher stratum, secondary teachers were sorted by teacher's main subject taught (as reported by the principal in the SASS Teacher Listing Record Operation); and elementary teachers were sorted by general elementary, special education or other teaching assignment. When combined schools had both elementary and secondary teachers, the teachers were sorted by grade level/primary field of teaching. This was done to assure a good distribution of teachers by field of teaching.
Within each school and teacher stratum, teachers were selected systematically with equal probability.

A total of 65,217 teachers were actually selected (60,056 new and experienced, 1,511 Asian Pacific Islander, 1,529 American Indian or Aleutian or Eskimo and 2,121 bilingual). Table II-2 shows the number of selected teachers in SASS sample by teacher type and sector.

Table II-2.--Number of selected teachers in SASS sample by teacher type and sector

<table>
<thead>
<tr>
<th>Teacher type</th>
<th>Public</th>
<th>Private</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian/Aleut</td>
<td>1,259</td>
<td>270</td>
<td>1,529</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>1,475</td>
<td>36</td>
<td>1,511</td>
</tr>
<tr>
<td>Bilingual/ESL</td>
<td>1,957</td>
<td>164</td>
<td>2,121</td>
</tr>
<tr>
<td>New</td>
<td>5,970</td>
<td>2,002</td>
<td>7,972</td>
</tr>
<tr>
<td>Experienced</td>
<td>45,390</td>
<td>6,694</td>
<td>52,084</td>
</tr>
<tr>
<td>Total</td>
<td>56,051</td>
<td>9,166</td>
<td>65,217</td>
</tr>
</tbody>
</table>

E. TFS Sample Selection

Sorting. Within each public TFS stratum, teachers responding to the 1990-91 SASS Teacher Survey were sorted by teacher subject, Census region, urbanicity, school enrollment and SASS teacher control number. Within each private TFS stratum, responding teachers were sorted by teacher subject, affiliation, urbanicity, school enrollment and SASS teacher control number.

Sample Selection. After the teachers were sorted, teachers were selected within each stratum using a probability proportional to size sampling procedure. The measure of size was the 1990-91 SASS intermediate teacher weight which is the product of the Basic Weight, Sampling Adjustment factor, School Nonresponse factor, and the Universe (i.e., First-Stage) Ratio Adjustment factor.

Sample Reduction. A total of 44 sample cases that were out-of-scope in the 1990-91 SASS were sampled for the TFS. As a result, these cases were made out of scope in TFS. This reduces the sample size for TFS but does not affect the weighting of the data.

For more information, see the technical report, 1990-91 Schools and Staffing Survey Sample Design and Estimation (S. Kaufman and H. Huang, NCES-93-449).

III. Data Collection

A. Time Frame of the Survey
The 1991-92 Teacher Followup Survey took place during the 1991-92 school year. Advance letters were sent to school districts in the sample and to state level administrators in September 1991. School principals who provided teacher listings as part of the 1990-91 Schools and Staffing Survey were mailed a teacher status form (TFS-1) requesting the current occupational status of teachers originally selected for the SASS teacher sample. This phase was conducted between September and November 1991. A sample of teachers (former and current) was selected in January 1992. The two mailouts of the survey questionnaires occurred during January-February 1992. Telephone followup of nonrespondents took place during April-May 1992. The reference period for most items on the questionnaire was the 1991-92 school year.

B. Data Collection Procedures

The U.S. Bureau of the Census was the data collection agent for the Teacher Followup Survey. The survey was conducted in two phases. The first phase consisted of contacting schools to determine the present occupational status of teachers who responded to the teacher sample in the 1990-91 SASS. In mid-September 1991, the Census Bureau mailed the teacher status forms (TFS-1) to the 12,022 schools selected in the 1990-91 SASS to represent the universe of schools in the nation. The school principal or head was asked to complete the form, indicating whether the teacher was still at the school in a teaching or nonteaching capacity, or had left the school to teach elsewhere or for a non-teaching occupation. After completing the form, the school principal or the head master was instructed to mail the form to the census regional office. The regional offices' job was to check-in and control the flow of the teacher status forms.

The next step was to contact nonrespondent schools, by telephone, to obtain the teacher occupational status information requested on the form. If the principal indicated a sample teacher had moved (this would pertain particularly to teachers who had left the area), the Census Bureau tried to obtain all address correction information for a sample teacher's home address through the post office.

Phase II of the Teacher Followup Survey began in January 1992. The first questionnaire, the TFS-2 (questionnaire for former teachers), was sent to 2,420 sample persons who were reported by school administrators as having left the teaching profession. The second questionnaire, the TFS-3 (questionnaire for current teachers), was sent to 4,752 sample persons who were reported as still teaching at the elementary or secondary level. Both questionnaires were mailed to teachers at their home addresses. The respondents were requested to complete the questionnaire and return it to the Census Bureau.

For teachers who did not return a questionnaire within 4 to 5 weeks, the Census Bureau conducted a second mailout. Respondents may not have returned a questionnaire because their status was incorrectly reported by their school administrators. For example, respondents who were teaching in another school who received the questionnaire for former teachers were instructed to return the questionnaire to the Census Bureau. In this case, the Census Bureau sent the correct questionnaire to the respondents
during the second mailout. For teachers who did not respond to the second mailout, the Census Bureau compiled a list, by region, of these nonrespondent teachers and sent each list to the appropriate regional office.

The telephone followup of all nonrespondents to the second mailout began in April 1992. In addition to these nonresponse followup cases, some "nonmailable" cases (cases with incomplete addresses) were assigned for telephone followup. If the regional office was unable to contact the sample teacher through a contact person (two contact persons had been listed by the sample teacher on the SASS form as knowing how or where to get in touch with him or her) or through directory assistance, the school was called to obtain information about the sample teacher.

Questionnaire TFS-4, telephone questionnaire for the Teacher Followup Survey, is a combination of the TFS-2 and the TFS-3 questionnaires. This questionnaire was designed for the field representative to use when conducting a telephone interview. The TFS-4 was not mailed to the respondent.

Field followup of nonrespondents ended on May 29, 1992.

IV. Edit Procedures

A. General Edit

During the edit process, clerks performed a general clerical edit of the questionnaires designed to check for out-of-range responses. After completion of the clerical edit and data keying, a computer pre-edit was conducted for the Teacher Followup Survey file. The pre-edit consisted of range checks on priority items to identify survey responses that have a high probability of being in error and consistency checks between selected items.

A list of reject cases, cases that failed the pre-edit checks, was generated. Clerks reviewed the questionnaires to verify the data keying accuracy and attempted to resolve the reject items. For certain cases, the clerk was required to call the respondent to resolve critical inconsistencies or to obtain critical data. There were 426 cases (8.8%) out of 4,814 stayers that failed the pre-edit rejections. There were 462 cases (22.9%) out of 2,014 leavers that failed the pre-edit rejections.

After the pre-edit reject corrections were made, the TFS file passed through an additional computer edit. This included a range check of all items in which out-of-range items were blanked, a consistency edit that checked for completeness of reporting and consistency within each respondent's TFS record and a blanking edit that blanked items that the respondent answered despite instructions to skip that item.

B. Interview Status Recode (ISR)

After the range check, consistency edit, and blanking edit were completed, the records were edited to determine whether the case was
eligible for inclusion in the survey and, if so, whether sufficient data had been collected for the case to be classified as an interview. An interview status recode (ISR) value was then assigned to each case as a result of the edit. If 4 out of 6 the following items were completed, then an interview was in-scope for a former teacher: main occupation, full-part-time employment, salary, main activity for next year, plan to return to teaching, or main reason for leaving the teaching profession. If 6 out of the following 10 items were completed, then an interview was in-scope for a current teacher: full-part-time employment, main teaching assignment, state certification in the main teaching assignment, state certifications in the other teaching assignments, grade level, type of community, teaching in the same school as last year, main activity next year, base salary, or total earned income.

V. Response Rates

A. Survey Response Rates

The following table summarizes the weighted response rates for the Teacher Followup Survey (shown in percent).

<table>
<thead>
<tr>
<th>Component</th>
<th>Public Current teachers/a/</th>
<th>Public Former teachers</th>
<th>Private Current teachers/a/</th>
<th>Private Former teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>School response rate/b/</td>
<td>95.0</td>
<td></td>
<td>89.0</td>
<td></td>
</tr>
<tr>
<td>Teacher survey response rate/c/</td>
<td>91.0/e/</td>
<td></td>
<td>83.6/f/</td>
<td></td>
</tr>
<tr>
<td>Teacher followup survey response rate/d/</td>
<td>97.4</td>
<td>92.4</td>
<td>96.2</td>
<td>94.1</td>
</tr>
</tbody>
</table>

/a/ Includes stayers and movers.
/b/ Percent of schools providing teacher lists for the 1990-91 SASS sample, unweighted.
/c/ Percent of eligible sample teachers responding to the 1990-91 SASS Teacher Survey, weighted.
/e/ These rates do not include the 5 percent of the public schools that did not provide teacher lists.
/f/ These rates do not include the 11 percent of the private schools that did not provide teacher lists.

An overall response rate is the product of SASS teacher list response rate * SASS teacher response rate * TFS teacher response rate. Therefore, the overall response rate for public current teachers is 84.2,
private current teachers is 71.6, public former teachers is 79.9, and private former teachers is 70.0.

B. Item Response Rates

The following table is a brief summary of the weighted item response rates for items from the questionnaires of the 1991-92 Teacher Followup Survey. A response rate for an item is defined as the number of records with valid responses to an item divided by the eligible respondents for that item.

<table>
<thead>
<tr>
<th></th>
<th>Former teachers</th>
<th>Current teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of item response rates %</td>
<td>67-100</td>
<td>57-100</td>
</tr>
<tr>
<td>Percentage of items with a response rate of 90% or more</td>
<td>95</td>
<td>87</td>
</tr>
<tr>
<td>Percentage of items with a response rate less than 80%</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Items with a response rate less than 80%</td>
<td>3b</td>
<td>29a(2), 29a(3), 29b(3)</td>
</tr>
</tbody>
</table>

Items with low response rates (<80 percent) should be analyzed with caution. For former teachers this is: item 3b (the kind of business or industry where the respondent works). For current teachers, item 29a(2) (earnings from working in a nonteaching job in this school or any other school during the summer); item 29a(3) (earnings from working in any nonschool job during the summer) and item 29b(3) (additional compensation from working in any job outside the school system during the school year).

VI. Imputation

There are a number of imputation techniques for item nonresponse in sample surveys. In general, the TFS imputation strategy was designed to estimate change in teacher data since the 1990-91 SASS. The imputation process was done in two stages. A logical imputation procedure was done first using existing TFS and SASS data to fill items with missing data. For example, if a respondent did not report the age of his/her youngest child in item 31 of the former teacher questionnaire, the response from the 1990-91 SASS teacher questionnaire (with an adjustment for an increase of one year) was imputed to item 31.

The second stage imputation is a hot deck procedure that can be described in two parts. The first part of the hot deck imputation used donors to measure change for those items that were on both the 1991-92 TFS and the 1990-91 SASS. A donor was a respondent who had similar characteristics, i.e., region, teacher level, urbanicity, highest degree, and years of experience. As an example, if a respondent did not report the base year salary for teaching in item 29 of the current teacher questionnaire, the value for that item was imputed as follows: the TFS base year salary = (the donor's current base year salary/donor's SASS base year salary) x the incomplete record's SASS base year salary.
base year salary.

The second part of the hot deck imputations included those TFS items not in the 1990-91 SASS. For those items the a hot deck method exclusively used TFS donor data to fill items having missing data. Variables which described certain characteristics of the sample person (e.g., full-time/part-time status, instructional level for teachers) were created and used to sort the file and to match incomplete records to those with complete data (donors).

During all imputations, flags were assigned to those variables that were imputed to identify which stage of imputation was used to fill the missing data. Imputation proration was used when the total earned income (item 29c) did not equal the sum of subparts (item 29a and 29b). The subparts were proportionately adjusted to equal the total earned income. A flag was also assigned to the salary variable which was prorated. The following table is a summary of the imputation flags assigned at the first and second stage of imputation as well as proration flags.

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>First stage</th>
<th>Second stage</th>
<th>Proration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Former teachers</td>
<td>100.0</td>
<td>4.4</td>
<td>95.6</td>
<td>0.0</td>
</tr>
<tr>
<td>Current teachers</td>
<td>100.0</td>
<td>25.5</td>
<td>61.2</td>
<td>13.3</td>
</tr>
<tr>
<td>Total former and</td>
<td>100.0</td>
<td>20.5</td>
<td>69.4</td>
<td>10.1</td>
</tr>
<tr>
<td>current teachers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VII. Weighting

A. SASS Teacher Weights

The SASS teacher basic weight is the inverse of the probability of selection. Teacher basic weights were adjusted to account for schools that refused to participate in the teacher selection process (SASS Noninterview Adjustment), and for teachers within schools who were eligible for interview but for whom questionnaires were not returned. In addition, the School Adjustment factor and the First-Stage ratio adjustment factor were also applied to produce the final weight.

Noninterview adjustment factors were calculated to compensate for schools eligible for the survey but not interviewed, usually because they refused to respond.

School adjustment factors were applied to certain schools to account for duplicate records, merge schools or any other circumstance that would affect the school's true probability of selection.

First stage ratio adjustment factors adjust the sample weighted count of all cases (interviewed, noninterview, and ineligible) to known frame totals. For public schools, the frame totals such as grade level by urbanicity by state came from the 1988-89 CCD. For private schools, the 1989-90 PSS was the source of totals such as grade level by
association membership.

B. TFS Teacher Weights

    The final TFS sample weight equals:

    \[ \text{TFS basic weight} \times \text{TFS Nonresponse Adjustment} \times \text{SASS Teacher-Within-School Noninterview Adjustment} \times \text{SASS Teacher Adjustment} \times \text{TFS Ratio Adjustment} \]

    where:

    TFS basic weight is the inverse of the probability of selecting a teacher given the teacher was selected in the SASS teacher sample. This is the product of the weight from SASS (described in previous section) and TFS subsampling adjustment factor.

    TFS nonresponse adjustment is the factor used to adjust for teachers who refused to participate in the 1991-92 TFS survey.

    TFS Ratio Adjustment is the factor used to adjust the TFS sample totals to known SASS sample totals. This ensures that the weighted number of TFS teachers (interviews, noninterviews, and out-of-scopes) will equal the weighted number of SASS teachers from 1990-91.

    SASS Teacher-Within-School Noninterview Adjustment is the factor needed to account for teachers who were eligible for interview but refused to participate in the 1990-91 SASS.

    SASS Teacher Adjustment is the factor used to adjust the counts of teachers on the 1990-91 SASS teacher file to the counts of teachers on the 1990-91 SASS school file.

VIII. Variance Estimation

    Schools. Responding public schools were placed into replicates by first forming 48 variance strata. Each variance stratum contained at least two schools which were alternately divided into two half-samples. To form the variance strata, certainty schools were placed in their own variance stratum where each certainty school was assigned to both half-samples. The noncertainty schools within a state/school level sampling stratum were sorted by the school's order of selection. Pairs of schools were then systematically placed into consecutive variance strata, each element of a pair being assigned to different half-samples.

    When the 48 variance strata were exhausted, the placement of variance stratum started from the first variance stratum again and continued until all the schools in the sampling stratum have been placed into variance strata. The variance stratum numbering for the next sampling stratum started where the previous sampling stratum left off. When there was an odd number of noncertainty schools within a sampling stratum, one variance stratum was assigned an odd number of cases and adjustments were made to the replicate weights to account for the odd number of cases. After the variance strata
were assigned, an orthogonal matrix was used to form the 48 replicates.

Private schools from the list sample were sorted by sampling stratum and order of selection within each sampling stratum. Consecutive pairs of schools were assigned to variance strata numbered from 1 to 48, beginning again with 1 after the 48th pair until all schools in the entire national sample were assigned to a variance stratum. Thus, there are 48 variance strata in the nation. Within each variance stratum schools were split into half-samples. Certainty schools were assigned to their own variance stratum and to both half-samples in the variance stratum. For private schools from the area sample, the noncertainty PSUs (the geographic areas) within each PSU stratum were sorted by measure of size and paired consecutively to form 48 variance strata. Within each of the eight certainty PSUs, schools were assigned to variance strata in the same manner as the list sample of schools.

SASS Teachers. Teachers within a school were assigned to their school's variance stratum and half-sample. Teachers from certainty schools were placed into the same variance stratum as the school, but were split into different half-samples. Certainty teachers from certainty schools received replicate weights of 1.0000.

Schools and teachers were assigned to replicates using a Hadamard orthogonal matrix of order 48. Partial balancing was achieved because of the combining of variance strata. The replicate basic weight for the ith sample unit in the kth replicate is equal to twice the full-sample basic weight when the sample unit is included in the kth replicate, and zero otherwise. The exception is for certainty units, which appear in every replicate and therefore have all nonzero replicate basic weights and sample units in variance strata with an odd number in them. All replicate basic weight fields in certainty units were assigned to their full-sample basic weight. All schools and teachers were weighted 48 additional times using their appropriate replicate basic weight to calculate 48 replicate final weights which should be used for variance calculation.

TFS Teachers. Since the TFS sample was a proper subsample of the SASS teacher sample, the SASS teacher replicates and replicate factors were used for the TFS sample. The TFS final weight for each TFS teacher was multiplied by each of the 48 SASS replicate factors for that teacher to calculate 48 replicate weights which should be used for variance calculations.

A variance estimate is obtained by first calculating the estimate for each replicate, then summing the squared deviations of the replicate estimates from the full-sample estimate, and finally dividing by the number of replicates:

\[ \sigma \left( \hat{y}_k - \hat{y} \right)^2 / 48 \]

where \( k = 1, 2 \ldots 48 \),

\( \hat{y}_k \) = kth replicate estimate

and \( \hat{y} \) = full sample estimate.
When calculating variance estimates for some small subdomains of interest (e.g., vocational education teachers), sparseness of the data may result in there being no data from some replicates. This can result in either an extremely large variance estimate or failure of the software used to calculate the variance, with possibly a warning message.

IX. Reinterview Program

The purpose of the reinterview for the TFS was to find ways to improve the survey questions. Two reinterview samples were selected for the survey, the sample of current teachers contained 700 cases and the sample of former teachers contained 800 cases. The goal of the reinterview was to get approximately 500 complete reinterviews for each sample group (former and current teachers). The oversampling was done to account for the potential nonresponse that was based on the 1988-89 TFS. The actual number of reinterviews that were completed were 629 cases for current teachers and 685 cases for former teachers.

A reinterview and reconciliation was conducted for each eligible case in the reinterview sample.

Two reinterview questionnaires were used—the TFS-2(R) for former teachers and the TFS-3(R) for current teachers. Each questionnaire contained a subset of questions from its original questionnaire. After each reinterview, data from the reinterview were compared to the original answers and a reconciliation of the original response was conducted with the respondent. The reconciliation consisted of the following:

a) determining the correct answer;

b) determining if there is a difference;

c) probing with questions to find out the reason for the difference; and

d) recording and keeping track of the different reasons for the differences.

The TFS reinterviewing took place during the time period of March 9, 1991 through June 19, 1991. Each reinterview and reconciliation was conducted by telephone. An analysis of the reinterview data is in progress.

X. Changes to TFS Content from 1988-89 to 1991-92

Some changes to wording and the order of specific items has occurred. For items that were in both TFS and SASS the wording of the item was changed to be consistent with SASS. For example, the 1989 question, "What is your current (1988-89) primary teaching assignment field at THIS SCHOOL, that is, the field in which you teach the most classes?" was reworded to be consistent with SASS as follows -- "What is your MAIN teaching assignment at this school, that is, the field in which you teach the most classes?"

Care must be taken when estimating change from 1988-89 to 1991-92 in a TFS data element, because some of the change may be due to changes in the sample design, as opposed to change in the education system. Below are design changes that might affect the measurement of change over time.

Changing the sampling frame from QED to CCD. This is a concern because the definition of a school is different between the two frames. In the 1987-88 SASS (QED) a school was defined as a physical location, while in the 1990-91 SASS (CCD) a school was defined as an administrative unit with a principal. In states which have multiple administrative units in a single physical location, the estimated change in the number of schools could increase. This increase is at least partially caused from the definition difference.

It is possible to collapse the 1990-91 SASS school sample to reflect the QED definition of school as was defined in the 1987-88 SASS, thereby eliminating this concern. However, resulting estimates may no longer be consistent with CCD estimates. To the extent that the coverage between CCD and QED are different, then part of the change in school related estimates can be attributed to this coverage difference.

Adjusting the estimated number of teachers from SASS teacher file to the estimated number of teachers from the SASS school file. This was done for 1990-91 SASS to make estimates in the files more consistent. The 1991-92 TFS estimations procedures included this adjustment as well as a ratio estimation of the TFS weighted count of teachers to the SASS weighted count of teachers. Since this was not done in the 1987-88 SASS and 1988-89 TFS, some observed distributional differences between the 1987-88 and 1990-91 SASS teacher files may be partially attributable to this adjustment. In the public 1987-88 SASS files, the teacher counts on the teacher file are smaller than the counts on the school file. In the 1990-91 SASS files, the teacher file counts are increased to equalize the estimates. This increase does not reflect a change in the educational system, but a bias correction differentially applied between the files.

Adjusting the estimated number of teachers from the TFS file to the estimated number of teachers from the SASS teacher file. This was done for the 1991-92 TFS in order to make the estimates consistent from the two years. The weighted sum of all TFS teachers (interviews, noninterviews, and out-of-sciences) is adjusted to equal the weighted number of teachers from the 1990-91 SASS teacher file. Some observed differences between the 1988-89 TFS and the 1991-92 TFS may be due in part to this weighting adjustment, and may not reflect changes in the educational system between the two years.

Missing data on the 1991-92 TFS file are imputed. All data files are adjusted for complete refusals. However, for the 1987-88 administrator and teacher files, and the 1988-89 TFS file, missing data elements within responding units were not imputed. Hence, estimates of totals implicitly use a value of zero for all missing data elements (i.e., 1988-89 totals are underestimates whenever there are missing data). The 1991-92 TFS estimates of totals use imputed values for missing data elements. Therefore, some of the
measured changes between the 1988-89 TFS and 1991-92 TFS totals is due to imputing one year but not the other, rather than changes to the educational system.

Change estimates for ratios and averages are also affected by imputations in one year, but not the other. However, the magnitude and direction of the bias is unknown and dependent on the variable of interest. This part of the change is not due to a change in the educational system.

Changes in question wording. Care must also be observed in the interpretation of change estimates between 1988-89 and 1991-92 TFS since specific questions are not always worded the same from the first TFS survey to the next survey.

XII. User Notes and Comments

We are interested in your reaction to the information presented in the User's Manual about the Teacher Followup Survey, as well as the microdata files we released. We welcome your recommendations for improving our survey work and data products. If you have suggestions or comments or want more information about this report, please contact:

Special Surveys and Analysis Branch
Elementary and Secondary Education Statistics Division
Office of Educational Research and Improvement
National Center for Education Statistics
555 New Jersey Avenue, NW
Washington, DC 20208-5651

We are also interested in the research you do using the TFS and SASS data sets. We would be pleased to receive copies of reports, working papers, and published articles you write, which use data from the SASS. Send them to the address above.

THANK YOU FOR TAKING THE TIME TO RESPOND!

ENDNOTES

/1/ The Teacher Followup Survey was previously conducted in 1988-89. See the User's manual 1988-89 Teacher Followup Survey (NCES 92-058); and the E.D. TABS Characteristics of Strayers, Movers, and Leavers: Results from the Teacher Followup Survey, 1988-89 (NCES 91-128).

/2/ Results from the 1990-91 SASS can be found in the E.D. TABS Schools and Staffing in the United States: Selected Data for Public and Private Schools, 1990-91 (NCES 93-453) and the report, Schools and Staffing in the United States: A Statistical Profile, 1990-91 (NCES 93-146).


In the spring of 1989, the Census Bureau compared lists of schools provided by various private school associations to the 1986 QED lists. Nonmatches were added to the PSS frame.

A PSU is a primary sample unit, which is a geographic area consisting of one or more contiguous counties or an independent city.

APPENDIX A
QUESTIONNAIRE - FORMER TEACHERS

Note: The questionnaire was not included in this document. If you need to reference it, see the published version of this document (1991-92 Teacher Followup Survey Data File User's Manual, Restricted Use Version, NCES 94-478) while supplies last by calling the National Education Resource Center (NEDRC) at (703)845-3151.

APPENDIX B
QUESTIONNAIRE - CURRENT TEACHERS

Note: The questionnaire was not included in this document. If you need to reference it, see the published version of this document (1991-92 Teacher Followup Survey Data File User's Manual, Restricted Use Version, NCES 94-478) while supplies last by calling the National Education Resource Center (NEDRC) at (703)845-3151.

APPENDIX C
CROSSWALK FROM THE 1988-89 TFS TO 1991-92 TFS

<table>
<thead>
<tr>
<th>88 VAR</th>
<th>91 VAR</th>
<th>LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNTLNUM</td>
<td>CTRL_NUM</td>
<td>TEACHER CONTROL NUMBER</td>
</tr>
<tr>
<td>ISR</td>
<td>ISR</td>
<td>INTERVIEW STATUS RECODE</td>
</tr>
<tr>
<td>STATUS</td>
<td>TSTATUS</td>
<td>TCHR STATUS: MOVER/LEAVER/STAYER</td>
</tr>
<tr>
<td>--</td>
<td>SCH_CTRL</td>
<td>9091 SASS SCHOOL CTRL #(FIRST 10 DIGITS CTRL_NUM)</td>
</tr>
<tr>
<td>--</td>
<td>NON_INT</td>
<td>NONINTERVIEW REASON</td>
</tr>
<tr>
<td>FINALWGT</td>
<td>FINWGT</td>
<td>FINAL WEIGHTS 4 IMPLIED DECIMAL PLACES</td>
</tr>
<tr>
<td>RW1, RW48</td>
<td>REPFWT1</td>
<td>REPLICATE WEIGHT 1 THRU REPLICATE WEIGHT48</td>
</tr>
<tr>
<td>--</td>
<td>TFS001</td>
<td>TEACHER NO LONGER AT THIS SCHOOL</td>
</tr>
<tr>
<td>TFS002</td>
<td>TFS002</td>
<td>ARE YOU CURRENTLY TEACHING FULL-TIME, PT</td>
</tr>
<tr>
<td>--</td>
<td>TFS003</td>
<td>FORM TYPE 1=TFS-2: FORMER / 3=TFS-3: CURRENT TCHR</td>
</tr>
</tbody>
</table>

************* FORMER TEACHER SURVEY *************

TFS004 | TFS004 | WHAT IS YOUR 1988-89 MAIN OCCUPA STATUS? |
TFS005 | TFS005 | WHAT IS YOUR MAIN 1988-89 SCHOOL ASSIGN |
<table>
<thead>
<tr>
<th>TFS006</th>
<th>TFS006</th>
<th>WHAT KIND OF BUSINESS OR INDUSTRY IS THIS?</th>
</tr>
</thead>
<tbody>
<tr>
<td>TFS007</td>
<td>TFS007</td>
<td>WHAT KIND OF WORK DO YOU DO?</td>
</tr>
<tr>
<td>TFS008</td>
<td>TFS008</td>
<td>HOW WOULD YOU CLASSIFY YOURSELF ON JOB?</td>
</tr>
<tr>
<td>TFS009</td>
<td>TFS009</td>
<td>WHICH CATEGORY DESCRIBES POS AS EMPLOYEE</td>
</tr>
<tr>
<td>TFS010</td>
<td>TFS010</td>
<td>HOW MUCH YOU EARN AT JOB BEFORE TAXES</td>
</tr>
<tr>
<td>TFS011</td>
<td>TFS011</td>
<td>PAYMENT INTERVAL</td>
</tr>
<tr>
<td>TFS012</td>
<td>TFS012</td>
<td>HOW LONG YOU PLAN TO REMAIN IN THIS JOB</td>
</tr>
<tr>
<td>TFS013</td>
<td>TFS013</td>
<td>IN HOW MANY YEARS DO YOU PLAN TO RETIRE?</td>
</tr>
<tr>
<td>TFS014</td>
<td>TFS014</td>
<td>YOU EXPECT YOUR MAIN ACT WILL BE NEXT YR</td>
</tr>
<tr>
<td>TFS015</td>
<td>TFS015</td>
<td>YOU EARNED ANY NEW DEGREES IN PAST YEAR</td>
</tr>
<tr>
<td>TFS016</td>
<td>TFS016</td>
<td>MONTH WHEN YOU EARNED THIS DEGREE?</td>
</tr>
<tr>
<td>TFS017</td>
<td>TFS017</td>
<td>YEAR WHEN YOU EARNED THIS DEGREE?</td>
</tr>
<tr>
<td>TFS018</td>
<td>TFS018</td>
<td>WHAT TYPE OF DEGREE IS IT?</td>
</tr>
<tr>
<td>TFS019</td>
<td>TFS019</td>
<td>WHAT IS MAJOR FIELD OF STUDY FOR NEW DEGREE</td>
</tr>
<tr>
<td>TFS020</td>
<td>TFS020</td>
<td>FOR WHAT PURPOSE DID YOU EARN THIS DEGREE</td>
</tr>
<tr>
<td>TFS021</td>
<td>TFS021</td>
<td>ARE YOU ENROLLED IN A DEGREE PROGRAM?</td>
</tr>
<tr>
<td>TFS022</td>
<td>TFS022</td>
<td>WHAT TYPE OF DEGREE ARE YOU PURSUING?</td>
</tr>
<tr>
<td>TFS023</td>
<td>TFS023</td>
<td>MAJOR FIELD OF STUDY FOR DEGREE PURSUING</td>
</tr>
<tr>
<td>TFS024</td>
<td>TFS024</td>
<td>PURPOSE YOU ARE PURSUING DEGREE?</td>
</tr>
<tr>
<td>TFS025</td>
<td>TFS025</td>
<td>DO YOU PLAN TO RETURN TO TEACHING?</td>
</tr>
<tr>
<td>TFS026</td>
<td>TFS026</td>
<td>HOW SOON MIGHT YOU RETURN TO TEACHING?</td>
</tr>
<tr>
<td>TFS027A</td>
<td>TFS027A</td>
<td>AT WHICH LEVEL WOULD YOU TEACH? PRE-K</td>
</tr>
<tr>
<td>TFS027B</td>
<td>TFS027B</td>
<td>AT WHICH LEVEL WOULD YOU TEACH? ELEM+K</td>
</tr>
<tr>
<td>TFS027C</td>
<td>TFS027C</td>
<td>AT WHICH LEVEL WOULD YOU TEACH? JR/MID</td>
</tr>
<tr>
<td>TFS027D</td>
<td>TFS027D</td>
<td>AT WHICH LEVEL WOULD YOU TEACH? HIGH</td>
</tr>
<tr>
<td>TFS027E</td>
<td>TFS027E</td>
<td>AT WHICH LEVEL WOULD YOU TEACH? POSTSEC</td>
</tr>
<tr>
<td>TFS028</td>
<td>TFS028</td>
<td>DO YOU HAVE A &quot;LIFETIME&quot; TEACHING CERTIF</td>
</tr>
<tr>
<td>TFS029A</td>
<td>TFS029A</td>
<td>CHANGE IN CERT STATUS? NO CHANGE</td>
</tr>
<tr>
<td>TFS029B</td>
<td>TFS029B</td>
<td>CHANGE IN CERT STATUS? YES-CERT LAPSED</td>
</tr>
<tr>
<td>TFS029C</td>
<td>TFS029C</td>
<td>CHANGE IN CERT STATUS? YES-UPGR TO REG</td>
</tr>
<tr>
<td>TFS029D</td>
<td>TFS029D</td>
<td>CHANGE IN CERT STATUS? YES-DIFF FIELD</td>
</tr>
<tr>
<td>TFS029E</td>
<td>TFS029E</td>
<td>CHANGE IN CERT STATUS? OTHER CHANGE</td>
</tr>
<tr>
<td>TFS030</td>
<td>TFS030</td>
<td>PLAN TO MAINTAIN/REINSTATE CERTIFICATE?</td>
</tr>
<tr>
<td>TFS031</td>
<td>TFS031</td>
<td>MAIN REASON FOR LEAVING TEACHING PROF</td>
</tr>
<tr>
<td>TFS032</td>
<td>TFS032</td>
<td>HAVE A 2ND REASON FOR LEAVING TCHG PROF</td>
</tr>
<tr>
<td>TFS033</td>
<td>TFS033</td>
<td>YOUR 2ND REASON FOR LEAVING TCHG PROF</td>
</tr>
<tr>
<td>TFS034</td>
<td>TFS034</td>
<td>HAVE A 3RD REASON FOR LEAVING TCHG PROF</td>
</tr>
<tr>
<td>TFS035</td>
<td>TFS035</td>
<td>YOUR 3RD REASON FOR LEAVING TCHG PROF</td>
</tr>
<tr>
<td>TFS036</td>
<td>TFS036</td>
<td>DISSATISFIED WITH TEACHING AS CAREER</td>
</tr>
<tr>
<td>TFS037</td>
<td>TFS037</td>
<td>YOUR MAIN AREA OF DISSATIS WITH TCHG</td>
</tr>
<tr>
<td>TFS038</td>
<td>TFS038</td>
<td>HAVE A SECOND AREA OF DISSATIS WITH TCHG</td>
</tr>
<tr>
<td>TFS039</td>
<td>TFS039</td>
<td>2ND AREA OF DISSATISFACTION WITH TCHG</td>
</tr>
<tr>
<td>TFS040</td>
<td>TFS040</td>
<td>HAVE A 3RD AREA OF DISSATIS WITH TCHG</td>
</tr>
<tr>
<td>TFS041</td>
<td>TFS041</td>
<td>THIRD AREA OF DISSATISFACTION WITH TCHG</td>
</tr>
<tr>
<td>TFS042</td>
<td>TFS042</td>
<td>EFFECTIVE STEPS SCH MIGHT TAKE TO RETAIN</td>
</tr>
<tr>
<td>TFS043</td>
<td>TFS043</td>
<td>2ND MOST EFFECTIVE STEP SCH MIGHT TAKE</td>
</tr>
<tr>
<td>TFS044</td>
<td>TFS044</td>
<td>3RD MOST EFFECTIVE STEP SCH MIGHT TAKE</td>
</tr>
<tr>
<td>TFS045</td>
<td>TFS045</td>
<td>IS YOUR MAIN OCCUPATIONAL STATUS WORKING</td>
</tr>
<tr>
<td>TFS046</td>
<td>TFS046</td>
<td>YOU RATE TCHNG REL TO CURR OCCUPAT-SALRY</td>
</tr>
<tr>
<td>TFS047</td>
<td>TFS047</td>
<td>OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT</td>
</tr>
<tr>
<td>TFS048</td>
<td>TFS048</td>
<td>RECOG AND SUPPORT FROM ADMINRS/MANAGERS</td>
</tr>
<tr>
<td>TFS049</td>
<td>TFS049</td>
<td>SAFETY OF ENVIRONMENT</td>
</tr>
<tr>
<td>TFS050</td>
<td>TFS050</td>
<td>INFLUENCE OVER WORKPLACE POLICIES &amp; PRACT</td>
</tr>
<tr>
<td>TFS051</td>
<td>TFS051</td>
<td>AUTONOMY OR CONTROL OVER YOUR OWN WORK</td>
</tr>
</tbody>
</table>
CURRENT TEACHER SURVEY

TFS104   TFS104   WHICH IS YOUR CURRENT (1988-89) STATUS
TFS105   TFS105   SECONDARY STATUS
TFS106   TFS106   TIME EQUALLY DIV BET PRIM & SEC STATUS
TFS107   TFS107   YOUR POSITION AS A SCHOOL EMPLOYEE
TFS108   TFS108   YOUR POSITION AS A TEACHER AT SCHOOL
TFS109   TFS109   YOUR 1988-89 TEACHING ASSIGNMENT?
TFS110   TFS110   FT EMPLOYEE WITH LESS THAN FT TCHG ASGMT
TFS111   TFS111   YOUR CURRENT 1988-89 TEACHING ASSIGNMENT
TFS112   TFS112   TCHG SChED EQUALLY DIV ACROSS TWO FIELDS
TFS113   TFS113   HAVE A SECONDARY TEACHING ASSIGNMENT FLD
TFS114   TFS114   FIELD YOU TEACH THE SECOND MOST CLASSES?
TFS115   TFS115   HAVE A TCHG CERT IN THIS ST IN PRIM FLD
TFS116   TFS116   TYPE OF CERTIFICATION IN PRIMARY FLD
TFS117   TFS117   WAS THIS CERTIF GRANTED WITHIN LAST YEAR
TFS118   TFS118   CERTIFICATE IN THIS ST IN YOUR SEC ASGMT
TFS119   TFS119   TYPE OF CERTIFICATION IN YOUR SEC ASGMT
TFS120   TFS120   WAS THIS CERTIFICATE GRANTED LAST YEAR?
TFS130  TFS121  UNGRADED GRADES
TFS121A  TFS122  PRE-KINDERTGARTEN
TFS121B  TFS123  KINDERGARTEN
TFS121C  TFS124  1ST GRADE
TFS121D  TFS125  2ND GRADE
TFS121E  TFS126  3RD GRADE
TFS121F  TFS127  4TH GRADE
TFS122A  TFS128  5TH GRADE
TFS122B  TFS129  6TH GRADE
TFS122C  TFS130  7TH GRADE
TFS123  TFS131  8TH GRADE
TFS124  TFS132  9TH GRADE
TFS125  TFS133  10TH GRADE
TFS126  TFS134  11TH GRADE
TFS127  TFS135  12TH GRADE
TFS128, TFS129  TFS136  13TH GRADE 91-POSTSECONDARY) 14TH GRADE
TFS131  TFS137  COMMUNITY TYPE WHERE SCHOOL
TFS132  TFS138  TEACHING IN SAME SCHOOL AS LAST YEAR
TFS133  TFS139  CURRENTLY TEACHING IN SAME STATE
TFS134  TFS140  IN WHICH ST OR COUNTRY ARE YOU TEACHING
TFS135  TFS141  WHICH BEST DESCRIBES MOVE FROM LAST YR
TFS136  TFS142  AFFILIATION OF PRIVATE SCHOOL
TFS137  TFS143  YOUR MAIN REASON FOR LEAVING THE SCHOOL
TFS138  TFS144  HAVE A SECOND REASON FOR LEAVING SCHOOL
TFS139  TFS145  YOUR SECOND REASON FOR LEAVING SCHOOL
TFS140  TFS146  HAVE A THIRD REASON FOR LEAVING SCHOOL
TFS141  TFS147  YOUR 3RD REASON FOR LEAVING SCHOOL
TFS142  TFS148  DISSATISFIED WITH THE PREVIOUS SCHOOL
TFS143  TFS149  MAIN AREA OF DISSATIS WITH TCH PREV SCH
TFS144  TFS150  HAVE 2ND AREA OF DISSATIS TCHG PREV SCH
TFS145  TFS151  YOUR 2ND AREA OF DISSATIS TCHG PREV SCH
TFS146  TFS152  HAVE 3RD AREA OF DISSATIS TCHG PREV SCH
TFS147  TFS153  YOUR 3RD AREA OF DISSATIS TCHG PREV SCH
TFS148  TFS154  YOU EARNED ANY NEW DEGREES IN PAST YEAR?
TFS149  TFS155  WHEN DID YOU EARN THIS DEGREE?
TFS150  TFS156  YEAR IN WHICH YOU EARNED THIS DEGREE
TFS151  TFS157  WHAT TYPE OF DEGREE IS IT?
TFS152  TFS158  MAJOR FIELD OF STUDY FOR YOUR NEW DEGREE
TFS153  TFS159  WHAT PURPOSE DID YOU EARN THIS DEGREE?
TFS154  TFS160  CURRENTLY ENROLLED IN A DEGREE PROGRAM?
TFS155  TFS161  WHAT TYPE OF DEGREE ARE YOU PURSUING?
TFS156  TFS162  MAJOR FLD OF STUDY FOR DEG YOU ARE PURS
TFS157  TFS163  WHAT PURPOSE ARE YOU PURSUING THIS DEG
TFS158  TFS164  HOW LONG DO YOU PLAN TO REMAIN IN TCHG
TFS159  TFS165  YEARS YOU PLAN TO RETIRE FROM TEACHING
TFS160  TFS166  MAIN ACTIVITY DURING THE NEXT YEAR
TFS161  TFS167  EFFECTIVE STEP SCH MIGHT TAKE TO RETAIN
TFS162  TFS168  2ND MOST EFFECTIVE STEP SCH MIGHT TAKE
TFS163  TFS169  3RD MOST EFFECTIVE STEP SCH MIGHT TAKE
TFS164  TFS170  HOW SATISFIED ARE YOU WITH SALARY
TFS165  TFS171  OPPORTUNITY FOR PROF ADVANCEMENT
TFS166  TFS172  SUPPORT/RECOG OF ADMIN/MANAGERS
TFS167  TFS173  SAFETY OF SCHOOL ENVIRONMENT
TFS168  TFS174  INFLUENCE OVER SCHOOL POLICIES & PRAC
<table>
<thead>
<tr>
<th>TFS170</th>
<th>TFS175</th>
<th>CONTROL OVER YOUR OWN CLASSROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>TFS165</td>
<td>TFS176</td>
<td>PROFESSIONAL PRESTIGE</td>
</tr>
<tr>
<td>TFS173</td>
<td>TFS177</td>
<td>BENEFITS</td>
</tr>
<tr>
<td>TFS174</td>
<td>TFS178</td>
<td>PROCEDURES FOR EVALUATING PERFORMANCE</td>
</tr>
<tr>
<td>TFS175</td>
<td>TFS179</td>
<td>TEACHING LOAD</td>
</tr>
<tr>
<td>TFS176</td>
<td>TFS180</td>
<td>AVAIL OF RESOUR &amp; MATL/EQUIP FOR CLAASRM</td>
</tr>
<tr>
<td>TFS177</td>
<td>TFS181</td>
<td>GENERAL WORKING CONDITIONS</td>
</tr>
<tr>
<td>TFS178</td>
<td>TFS182</td>
<td>JOB SECURITY</td>
</tr>
<tr>
<td>TFS179</td>
<td>TFS183</td>
<td>PROFESSIONAL CALIBER OF COLLEAGUES</td>
</tr>
<tr>
<td>TFS180</td>
<td>TFS184</td>
<td>INTELLECTUAL CHALLENGE</td>
</tr>
<tr>
<td>TFS181</td>
<td>TFS185</td>
<td>STUDENT MOTIVATION TO LEARN</td>
</tr>
<tr>
<td>TFS182</td>
<td>TFS186</td>
<td>SCHOOL LEARNING ENVIRONMENT</td>
</tr>
<tr>
<td>TFS183</td>
<td>TFS187</td>
<td>STUDENT DISCIPLINE AND BEHAVIOR</td>
</tr>
<tr>
<td>TFS184</td>
<td>TFS188</td>
<td>CLASS SIZE</td>
</tr>
<tr>
<td>TFS185</td>
<td>TFS189</td>
<td>SUPPORT FROM PARENTS</td>
</tr>
<tr>
<td>TFS186</td>
<td>TFS190</td>
<td>ESTEEM OF SOCIETY FOR TCHG PROFESSION</td>
</tr>
<tr>
<td>TFS187</td>
<td>TFS191</td>
<td>OVERALL JOB SATISFACTION</td>
</tr>
<tr>
<td>TFS188</td>
<td>TFS192</td>
<td>EARNINGS FROM SUMMER SCHOOL?</td>
</tr>
<tr>
<td>TFS189</td>
<td>TFS193</td>
<td>HOW MUCH DID YOU EARN IN SUMMER SCH SAL</td>
</tr>
<tr>
<td>TFS190</td>
<td>TFS194</td>
<td>EARNINGS FROM NONTCHING SUMMER SCHOOL?</td>
</tr>
<tr>
<td>TFS191</td>
<td>TFS195</td>
<td>HOW MUCH DID YOU EARN IN OTHER SCH COMP</td>
</tr>
<tr>
<td>TFS192</td>
<td>TFS196</td>
<td>EARNINGS FROM NONSCHOOL SUMMER EMPLOY?</td>
</tr>
<tr>
<td>TFS193</td>
<td>TFS197</td>
<td>HOW MUCH DID YOU EARN IN NONSCH EMPLOY</td>
</tr>
<tr>
<td>TFS194</td>
<td>TFS198</td>
<td>ACADEMIC BASE YEAR SALARY FOR TEACHING</td>
</tr>
<tr>
<td>TFS195</td>
<td>TFS199</td>
<td>EARNINGS FROM SCHOOL ADDITIONAL COMP?</td>
</tr>
<tr>
<td>TFS196</td>
<td>TFS200</td>
<td>HOW MUCH WILL YOU EARN IN ADDITIONAL COM</td>
</tr>
<tr>
<td>TFS197</td>
<td>TFS201</td>
<td>EARNINGS FROM NONSCHOOL COMPENSATION?</td>
</tr>
<tr>
<td>TFS198</td>
<td>TFS202</td>
<td>HOW MUCH WILL YOU EARN FROM NONSCHOOL</td>
</tr>
<tr>
<td>TFS199</td>
<td>TFS203</td>
<td>DESCRIBE JOB OUTSIDE SCHOOL SYSTEM</td>
</tr>
<tr>
<td>TFS200</td>
<td>TFS204</td>
<td>EARNED INCOME FROM OTHER SOURCES?</td>
</tr>
<tr>
<td>TFS201</td>
<td>TFS205</td>
<td>HOW MUCH WILL YOU EARN FROM OTHER SOURCES</td>
</tr>
<tr>
<td>TFS202</td>
<td>TFS206</td>
<td>TOTAL EARNED INCOME FROM MID-JUNE 1988</td>
</tr>
<tr>
<td>TFS203</td>
<td>TFS207</td>
<td>INCOME-IN-KIND: HOUSING/HOUSING EXPENSES</td>
</tr>
<tr>
<td>TFS204</td>
<td>TFS208</td>
<td>INCOME-IN-KIND: MEALS</td>
</tr>
<tr>
<td>TFS205</td>
<td>TFS209</td>
<td>INCOME-IN-KIND: TUITION FOR YOUR CHILDREN</td>
</tr>
<tr>
<td>TFS206</td>
<td>TFS210</td>
<td>INCOME-IN-KIND: CHILDCARE</td>
</tr>
<tr>
<td>TFS207</td>
<td>TFS211</td>
<td>INCOME-IN-KIND: COLLEGE TUITION FOR SELF</td>
</tr>
<tr>
<td>TFS208</td>
<td>TFS212</td>
<td>INCOME-IN-KIND: CAR/TRANSPORTATION EXPNS</td>
</tr>
<tr>
<td>TFS209</td>
<td>TFS213</td>
<td>INCOME-IN-KIND: NONE OF ABOVE</td>
</tr>
<tr>
<td>TFS210</td>
<td>TFS214</td>
<td>TOTAL COMBINED INCOME FOR ALL FAMILY MEM</td>
</tr>
<tr>
<td>TFS211</td>
<td>TFS215</td>
<td>WHAT IS YOUR CURRENT MARITAL STATUS?</td>
</tr>
<tr>
<td>TFS212</td>
<td>TFS216</td>
<td>HOW MANY CHILDREN ARE DEPENDENT ON YOU</td>
</tr>
<tr>
<td>TFS213</td>
<td>TFS217</td>
<td>AGE OF YOUNGEST CHILD ON LAST BIRTHDAY</td>
</tr>
<tr>
<td>TFS214</td>
<td>TFS218</td>
<td>OTHER DEPENDENTS</td>
</tr>
<tr>
<td>TFS215</td>
<td>TFS219</td>
<td>HOW MANY PERSONS?</td>
</tr>
<tr>
<td>TFS216</td>
<td>TFS220</td>
<td>WERE YOU A CHAPTER 1 TEACHER?</td>
</tr>
<tr>
<td>TFS217</td>
<td>TFS225</td>
<td># MINUTES TO COMPLETE SURVEY</td>
</tr>
<tr>
<td>TFS218</td>
<td>TFS226</td>
<td>SCHOOL NAME</td>
</tr>
<tr>
<td>TFS219</td>
<td>TSCHNM</td>
<td>SCHOOL MAILING ADDRESS-STREET</td>
</tr>
<tr>
<td>TFS220</td>
<td>TADDRS</td>
<td>SCHOOL MAILING ADDRESS-CITY</td>
</tr>
<tr>
<td>TFS221</td>
<td>TSTABB</td>
<td>SCHOOL MAILING ADDRESS-STATE ABBREVIATION</td>
</tr>
<tr>
<td>TFS222</td>
<td>TZIP</td>
<td>SCHOOL MAILING ADDRESS-ZIP CODE</td>
</tr>
<tr>
<td>TFS223</td>
<td>TPHONE</td>
<td>SCHOOL TELEPHONE NUMBER WITH AREA CODE</td>
</tr>
<tr>
<td>TFS224</td>
<td>TDISTR</td>
<td>SCHOOL DISTRICT (LEA) CODE</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>TFIPS</td>
<td>FIPS STATE CODE</td>
<td></td>
</tr>
<tr>
<td>TCNTY</td>
<td>FIPS COUNTY CODE</td>
<td></td>
</tr>
<tr>
<td>TRXY</td>
<td>CENSUS REGIONAL OFFICE CODE</td>
<td></td>
</tr>
<tr>
<td>TLSTDY</td>
<td>LAST DAY OF 1987-1988 SCHOOL YEAR/90-91 YR</td>
<td></td>
</tr>
<tr>
<td>TSCWGT</td>
<td>90-91 SASS SCHOOL BASIC WEIGHT</td>
<td></td>
</tr>
<tr>
<td>TSCSTR</td>
<td>SCHOOL STRATUM CODE</td>
<td></td>
</tr>
<tr>
<td>MOS</td>
<td>TFS MEASURE OF SIZE</td>
<td></td>
</tr>
<tr>
<td>ENRLRC</td>
<td>RECODED ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>TSCSTR</td>
<td>RECODED TEACHER SUBJECT</td>
<td></td>
</tr>
<tr>
<td>CNSREG</td>
<td>CENSUS REGION</td>
<td></td>
</tr>
<tr>
<td>AFFLRC</td>
<td>RECODED AFFILIATION</td>
<td></td>
</tr>
<tr>
<td>ASSOCR</td>
<td>RECODED ASSOCIATION MEMBERSHIP</td>
<td></td>
</tr>
<tr>
<td>TAFFLER</td>
<td>1991 RECODED AFFILIATION (FOR TFS) FROM SCHOOL FILE</td>
<td></td>
</tr>
<tr>
<td>STRMSW</td>
<td>TFS START-WITH</td>
<td></td>
</tr>
<tr>
<td>STRME</td>
<td>TFS TAKE-EVERY</td>
<td></td>
</tr>
<tr>
<td>SSSIZE</td>
<td>SAMPLE SIZE FOR TFS STRATUM</td>
<td></td>
</tr>
<tr>
<td>SUSIZE</td>
<td>TFS NUMBER OF TEACHERS IN STRATUM</td>
<td></td>
</tr>
<tr>
<td>CRNTY</td>
<td>TFS CERTAINTY FLAG</td>
<td></td>
</tr>
<tr>
<td>STRCER</td>
<td>TFS # OF CERTAINTY 1 TEACH WITHIN STRATUM</td>
<td></td>
</tr>
<tr>
<td>STRMTE</td>
<td>TFS TAKE-EVERY</td>
<td></td>
</tr>
<tr>
<td>BSCWGT</td>
<td>TFS BASIC WGT \ SAME ??????</td>
<td></td>
</tr>
<tr>
<td>TFSWGT</td>
<td>TFS WEIGHT /</td>
<td></td>
</tr>
<tr>
<td>ORDSEL</td>
<td>TFS ORDER OF SELECTION WITHIN STRATUM</td>
<td></td>
</tr>
<tr>
<td>SASS_ISR</td>
<td>SASS ISR CODE</td>
<td></td>
</tr>
<tr>
<td>FTPUB</td>
<td>FULL-TIME PUBLIC SCHOOL TEACHER</td>
<td></td>
</tr>
<tr>
<td>FTPUBL</td>
<td>PART-TIME PUBLIC SCHOOL TEACHER</td>
<td></td>
</tr>
<tr>
<td>FTPRV</td>
<td>FULL-TIME PRIVATE SCHOOL TEACHER</td>
<td></td>
</tr>
<tr>
<td>PTGVP</td>
<td>PART-TIME PRIVATE SCHOOL TEACHER</td>
<td></td>
</tr>
<tr>
<td>TCHASG</td>
<td>TEACHING ASSIGNMENT</td>
<td></td>
</tr>
<tr>
<td>TCNTLN</td>
<td>TEACHERS CONTROL NUMBER</td>
<td></td>
</tr>
<tr>
<td>TCHTYP</td>
<td>TEACHER SAMPLE TYPE</td>
<td></td>
</tr>
<tr>
<td>TNEW</td>
<td>NEW TEACHER INDICATOR</td>
<td></td>
</tr>
<tr>
<td>RELGSO</td>
<td>RELIGIOUS ORIENTATION</td>
<td></td>
</tr>
<tr>
<td>SCHELFL</td>
<td>SCHOOL AFFILIATIONS: CODES FROM SASS SCHOOL QUEST.</td>
<td></td>
</tr>
<tr>
<td>ASSOCM</td>
<td>ASSOCIATION MEMBERSHIP</td>
<td></td>
</tr>
<tr>
<td>REDFAC</td>
<td>REDUCTION FACTOR</td>
<td></td>
</tr>
<tr>
<td>ADJWGT</td>
<td>TEACHER ADJUSTED BASIC WEIGHT (FOR REDUCTION)</td>
<td></td>
</tr>
<tr>
<td>TCHSTS</td>
<td>TEACHER OCCUPATIONAL STATUS CODE</td>
<td></td>
</tr>
<tr>
<td>SCHSTS</td>
<td>SCHOOL STATUS CODE</td>
<td></td>
</tr>
<tr>
<td>STRTM</td>
<td>TFS STRATUM CODE</td>
<td></td>
</tr>
<tr>
<td>UNGRD</td>
<td>UNGRADED</td>
<td></td>
</tr>
<tr>
<td>PREKDG</td>
<td>PREKINDERGARTEN</td>
<td></td>
</tr>
<tr>
<td>KDG</td>
<td>KINDERGARTEN</td>
<td></td>
</tr>
<tr>
<td>G1</td>
<td>FIRST GRADE</td>
<td></td>
</tr>
<tr>
<td>G2</td>
<td>SECOND GRADE</td>
<td></td>
</tr>
<tr>
<td>G3</td>
<td>THIRD GRADE</td>
<td></td>
</tr>
<tr>
<td>G4</td>
<td>FOURTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G5</td>
<td>FIFTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G6</td>
<td>SIXTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G7</td>
<td>SEVENTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G8</td>
<td>EIGHTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G9</td>
<td>NINTH GRADE</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------</td>
<td></td>
</tr>
<tr>
<td>G10</td>
<td>TENTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G11</td>
<td>ELEVENTH GRADE</td>
<td></td>
</tr>
<tr>
<td>G12</td>
<td>TWELFTH GRADE</td>
<td></td>
</tr>
<tr>
<td>P2NDRY</td>
<td>POSTSECONDARY</td>
<td></td>
</tr>
<tr>
<td>ENROLL</td>
<td>PUBLIC SCHOOL ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRLKG</td>
<td>KINDERGARTEN ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL1</td>
<td>FIRST GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL2</td>
<td>SECOND GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL3</td>
<td>THIRD GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL4</td>
<td>FOURTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL5</td>
<td>FIFTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL6</td>
<td>SIXTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL7</td>
<td>SEVENTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL8</td>
<td>EIGHTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL9</td>
<td>NINTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL10</td>
<td>TENTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL11</td>
<td>ELEVENTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>ENRL12</td>
<td>TWELFTH GRADE ENROLLMENT</td>
<td></td>
</tr>
<tr>
<td>TAF</td>
<td>TEACHER ADJUSTMENT FACTOR</td>
<td></td>
</tr>
<tr>
<td>TWSNAF</td>
<td>TEACHER WITHIN-SCHOOL NONINTERVIEW ADJUSTMENT</td>
<td></td>
</tr>
<tr>
<td>NAF</td>
<td>TFS NONINTERVIEW ADJUSTMENT FACTOR</td>
<td></td>
</tr>
<tr>
<td>SCHSTAT</td>
<td>SECTOR 1=PUBLIC, 2=PRIVATE</td>
<td></td>
</tr>
<tr>
<td>FPSTATUS</td>
<td>FULL-TIME/PART-TIME STATUS FOR FORMER TEACHERS</td>
<td></td>
</tr>
<tr>
<td>MOVESTAY</td>
<td>MOVER/STAYER STATUS FOR CURRENT TEACHERS</td>
<td></td>
</tr>
<tr>
<td>FPTIME</td>
<td>FULL-TIME/PART-TIME STATUS FOR CURRENT TEACHERS</td>
<td></td>
</tr>
<tr>
<td>STEAEXP</td>
<td>YRS TEACHING EXPERIENCE IN ALL SCHLS FOR CURR TCHRS</td>
<td></td>
</tr>
<tr>
<td>STEALEV</td>
<td>GRADE LEVEL OF STUDENTS TAUGHT</td>
<td></td>
</tr>
<tr>
<td>SHIGHDEG</td>
<td>HIGHEST DEGREE CODE FOR CURRENT TEACHERS</td>
<td></td>
</tr>
<tr>
<td>TMARITAL</td>
<td>MARITAL STATUS</td>
<td></td>
</tr>
<tr>
<td>TSTAT</td>
<td>SASS FULL-TIME/PART-TIME STATUS</td>
<td></td>
</tr>
<tr>
<td>F_TFS001</td>
<td>IMPUTATION FLAG FOR TFS001</td>
<td></td>
</tr>
<tr>
<td>F_TFS002</td>
<td>IMPUTATION FLAG FOR TFS002</td>
<td></td>
</tr>
<tr>
<td>F_TFS003</td>
<td>IMPUTATION FLAG FOR TFS003</td>
<td></td>
</tr>
<tr>
<td>F_TFS004</td>
<td>IMPUTATION FLAG FOR TFS004</td>
<td></td>
</tr>
<tr>
<td>F_TFS005</td>
<td>IMPUTATION FLAG FOR TFS005</td>
<td></td>
</tr>
<tr>
<td>F_TFS006</td>
<td>IMPUTATION FLAG FOR TFS006</td>
<td></td>
</tr>
<tr>
<td>F_TFS007</td>
<td>IMPUTATION FLAG FOR TFS007</td>
<td></td>
</tr>
<tr>
<td>F_TFS008</td>
<td>IMPUTATION FLAG FOR TFS008</td>
<td></td>
</tr>
<tr>
<td>F_TFS009</td>
<td>IMPUTATION FLAG FOR TFS009</td>
<td></td>
</tr>
<tr>
<td>F_TFS010</td>
<td>IMPUTATION FLAG FOR TFS010</td>
<td></td>
</tr>
<tr>
<td>F_TFS011</td>
<td>IMPUTATION FLAG FOR TFS011</td>
<td></td>
</tr>
<tr>
<td>F_TFS012</td>
<td>IMPUTATION FLAG FOR TFS012</td>
<td></td>
</tr>
<tr>
<td>F_TFS013</td>
<td>IMPUTATION FLAG FOR TFS013</td>
<td></td>
</tr>
<tr>
<td>F_TFS014</td>
<td>IMPUTATION FLAG FOR TFS014</td>
<td></td>
</tr>
<tr>
<td>F_TFS015</td>
<td>IMPUTATION FLAG FOR TFS015</td>
<td></td>
</tr>
<tr>
<td>F_TFS016</td>
<td>IMPUTATION FLAG FOR TFS016</td>
<td></td>
</tr>
<tr>
<td>F_TFS017</td>
<td>IMPUTATION FLAG FOR TFS017</td>
<td></td>
</tr>
<tr>
<td>F_TFS018</td>
<td>IMPUTATION FLAG FOR TFS018</td>
<td></td>
</tr>
<tr>
<td>F_TFS019</td>
<td>IMPUTATION FLAG FOR TFS019</td>
<td></td>
</tr>
<tr>
<td>F_TFS020</td>
<td>IMPUTATION FLAG FOR TFS020</td>
<td></td>
</tr>
<tr>
<td>F_TFS021</td>
<td>IMPUTATION FLAG FOR TFS021</td>
<td></td>
</tr>
<tr>
<td>F_TFS022</td>
<td>IMPUTATION FLAG FOR TFS022</td>
<td></td>
</tr>
<tr>
<td>F_TFS023</td>
<td>IMPUTATION FLAG FOR TFS023</td>
<td></td>
</tr>
<tr>
<td>F_TFS024</td>
<td>IMPUTATION FLAG FOR TFS024</td>
<td></td>
</tr>
</tbody>
</table>
-- F_TFS025   IMPUTATION FLAG FOR TFS025
-- F_TFS026   IMPUTATION FLAG FOR TFS026
-- F_TFS027   IMPUTATION FLAG FOR TFS027
-- F_TFS028   IMPUTATION FLAG FOR TFS028
-- F_TFS029   IMPUTATION FLAG FOR TFS029
-- F_TFS030   IMPUTATION FLAG FOR TFS030
-- F_TFS031   IMPUTATION FLAG FOR TFS031
-- F_TFS032   IMPUTATION FLAG FOR TFS032
-- F_TFS033   IMPUTATION FLAG FOR TFS033
-- F_TFS034   IMPUTATION FLAG FOR TFS034
-- F_TFS035   IMPUTATION FLAG FOR TFS035
-- F_TFS036   IMPUTATION FLAG FOR TFS036
-- F_TFS037   IMPUTATION FLAG FOR TFS037
-- F_TFS038   IMPUTATION FLAG FOR TFS038
-- F_TFS039   IMPUTATION FLAG FOR TFS039
-- F_TFS040   IMPUTATION FLAG FOR TFS040
-- F_TFS041   IMPUTATION FLAG FOR TFS041
-- F_TFS042   IMPUTATION FLAG FOR TFS042
-- F_TFS043   IMPUTATION FLAG FOR TFS043
-- F_TFS044   IMPUTATION FLAG FOR TFS044
-- F_TFS045   IMPUTATION FLAG FOR TFS045
-- F_TFS046   IMPUTATION FLAG FOR TFS046
-- F_TFS047   IMPUTATION FLAG FOR TFS047
-- F_TFS048   IMPUTATION FLAG FOR TFS048
-- F_TFS049   IMPUTATION FLAG FOR TFS049
-- F_TFS050   IMPUTATION FLAG FOR TFS050
-- F_TFS051   IMPUTATION FLAG FOR TFS051
-- F_TFS052   IMPUTATION FLAG FOR TFS052
-- F_TFS053   IMPUTATION FLAG FOR TFS053
-- F_TFS054   IMPUTATION FLAG FOR TFS054
-- F_TFS055   IMPUTATION FLAG FOR TFS055
-- F_TFS056   IMPUTATION FLAG FOR TFS056
-- F_TFS057   IMPUTATION FLAG FOR TFS057
-- F_TFS058   IMPUTATION FLAG FOR TFS058
-- F_TFS059   IMPUTATION FLAG FOR TFS059
-- F_TFS060   IMPUTATION FLAG FOR TFS060
-- F_TFS061   IMPUTATION FLAG FOR TFS061
-- F_TFS062   IMPUTATION FLAG FOR TFS062
-- F_TFS063   IMPUTATION FLAG FOR TFS063
-- F_TFS064   IMPUTATION FLAG FOR TFS064
-- F_TFS065   IMPUTATION FLAG FOR TFS065
-- F_TFS066   IMPUTATION FLAG FOR TFS066
-- F_TFS067   IMPUTATION FLAG FOR TFS067
-- F_TFS068   IMPUTATION FLAG FOR TFS068
-- F_TFS069   IMPUTATION FLAG FOR TFS069
-- F_TFS070   IMPUTATION FLAG FOR TFS070
-- F_TFS071   IMPUTATION FLAG FOR TFS071
-- F_TFS072   IMPUTATION FLAG FOR TFS072
-- F_TFS073   IMPUTATION FLAG FOR TFS073
-- F_TFS074   IMPUTATION FLAG FOR TFS074
-- F_TFS075   IMPUTATION FLAG FOR TFS075
-- F_TFS076   IMPUTATION FLAG FOR TFS076
-- F_TFS077   IMPUTATION FLAG FOR TFS077
-- F_TFS078   IMPUTATION FLAG FOR TFS078
-- F_TFS079 IMPUTATION FLAG FOR TFS079
-- F_TFS080 IMPUTATION FLAG FOR TFS080
-- F_TFS081 IMPUTATION FLAG FOR TFS081
-- F_TFS082 IMPUTATION FLAG FOR TFS082
-- F_TFS083 IMPUTATION FLAG FOR TFS083
-- F_TFS084 IMPUTATION FLAG FOR TFS084
-- F_TFS085 IMPUTATION FLAG FOR TFS085
-- F_TFS086 IMPUTATION FLAG FOR TFS086
-- F_TFS087 IMPUTATION FLAG FOR TFS087
-- F_TFS088 IMPUTATION FLAG FOR TFS088
-- F_TFS089 IMPUTATION FLAG FOR TFS089
-- F_TFS090 IMPUTATION FLAG FOR TFS090
-- F_TFS091 IMPUTATION FLAG FOR TFS091
-- F_TFS092 IMPUTATION FLAG FOR TFS092
-- F_TFS093 IMPUTATION FLAG FOR TFS093
-- F_TFS094 IMPUTATION FLAG FOR TFS094
-- F_TFS095 IMPUTATION FLAG FOR TFS095
-- F_TFS096 IMPUTATION FLAG FOR TFS096
-- F_TFS097 IMPUTATION FLAG FOR TFS097
-- F_TFS098 IMPUTATION FLAG FOR TFS098
-- F_TFS099 IMPUTATION FLAG FOR TFS099
-- F_TFS100 IMPUTATION FLAG FOR TFS100
-- F_TFS101 IMPUTATION FLAG FOR TFS101
-- F_TFS102 IMPUTATION FLAG FOR TFS102
-- F_TFS103 IMPUTATION FLAG FOR TFS103
-- F_TFS104 IMPUTATION FLAG FOR TFS104
-- F_TFS105 IMPUTATION FLAG FOR TFS105
-- F_TFS106 IMPUTATION FLAG FOR TFS106
-- F_TFS107 IMPUTATION FLAG FOR TFS107
-- F_TFS108 IMPUTATION FLAG FOR TFS108
-- F_TFS109 IMPUTATION FLAG FOR TFS109
-- F_TFS110 IMPUTATION FLAG FOR TFS110
-- F_TFS111 IMPUTATION FLAG FOR TFS111
-- F_TFS112 IMPUTATION FLAG FOR TFS112
-- F_TFS113 IMPUTATION FLAG FOR TFS113
-- F_TFS114 IMPUTATION FLAG FOR TFS114
-- F_TFS115 IMPUTATION FLAG FOR TFS115
-- F_TFS116 IMPUTATION FLAG FOR TFS116
-- F_TFS117 IMPUTATION FLAG FOR TFS117
-- F_TFS118 IMPUTATION FLAG FOR TFS118
-- F_TFS119 IMPUTATION FLAG FOR TFS119
-- F_TFS120 IMPUTATION FLAG FOR TFS120
-- F_TFS121 IMPUTATION FLAG FOR TFS121
-- F_TFS122 IMPUTATION FLAG FOR TFS122
-- F_TFS123 IMPUTATION FLAG FOR TFS123
-- F_TFS124 IMPUTATION FLAG FOR TFS124
-- F_TFS125 IMPUTATION FLAG FOR TFS125
-- F_TFS126 IMPUTATION FLAG FOR TFS126
-- F_TFS127 IMPUTATION FLAG FOR TFS127
-- F_TFS128 IMPUTATION FLAG FOR TFS128
-- F_TFS129 IMPUTATION FLAG FOR TFS129
-- F_TFS130 IMPUTATION FLAG FOR TFS130
-- F_TFS131 IMPUTATION FLAG FOR TFS131
-- F_TFS132 IMPUTATION FLAG FOR TFS132
-- F_TFS187 IMPUTATION FLAG FOR TFS187
-- F_TFS188 IMPUTATION FLAG FOR TFS188
-- F_TFS189 IMPUTATION FLAG FOR TFS189
-- F_TFS190 IMPUTATION FLAG FOR TFS190
-- F_TFS191 IMPUTATION FLAG FOR TFS191
-- F_TFS192 IMPUTATION FLAG FOR TFS192
-- F_TFS193 IMPUTATION FLAG FOR TFS193
-- F_TFS194 IMPUTATION FLAG FOR TFS194
-- F_TFS195 IMPUTATION FLAG FOR TFS195
-- F_TFS196 IMPUTATION FLAG FOR TFS196
-- F_TFS197 IMPUTATION FLAG FOR TFS197
-- F_TFS198 IMPUTATION FLAG FOR TFS198
-- F_TFS199 IMPUTATION FLAG FOR TFS199
-- F_TFS200 IMPUTATION FLAG FOR TFS200
-- F_TFS201 IMPUTATION FLAG FOR TFS201
-- F_TFS202 IMPUTATION FLAG FOR TFS202
-- F_TFS203 IMPUTATION FLAG FOR TFS203
-- F_TFS204 IMPUTATION FLAG FOR TFS204
-- F_TFS205 IMPUTATION FLAG FOR TFS205
-- F_TFS206 IMPUTATION FLAG FOR TFS206
-- F_TFS207 IMPUTATION FLAG FOR TFS207
-- F_TFS208 IMPUTATION FLAG FOR TFS208
-- F_TFS209 IMPUTATION FLAG FOR TFS209
-- F_TFS210 IMPUTATION FLAG FOR TFS210
-- F_TFS211 IMPUTATION FLAG FOR TFS211
-- F_TFS212 IMPUTATION FLAG FOR TFS212
-- F_TFS213 IMPUTATION FLAG FOR TFS213
-- F_TFS214 IMPUTATION FLAG FOR TFS214
-- F_TFS215 IMPUTATION FLAG FOR TFS215
-- F_TFS216 IMPUTATION FLAG FOR TFS216
-- F_TFS217 IMPUTATION FLAG FOR TFS217
-- F_TFS218 IMPUTATION FLAG FOR TFS218
-- F_TFS219 IMPUTATION FLAG FOR TFS219
-- F_TFS220 IMPUTATION FLAG FOR TFS220
-- F_TFS221 IMPUTATION FLAG FOR TFS221
-- F_TFS222 IMPUTATION FLAG FOR TFS222
-- F_TFS223 IMPUTATION FLAG FOR TFS223
-- F_TFS224 IMPUTATION FLAG FOR TFS224
-- F_TFS225 IMPUTATION FLAG FOR TFS225

TGRDLV
HIGHEST GRADE

PCTCHSAL
PERCENT CHANGE IN SALARY

TBIL
BILINGUAL/ESL TEACHER INDICATOR

TFILTP
FILE TYPE (TYPE OF SCHOOL)

SAVERD
SCHOOL ORDER OF SELECTION WITHIN STRATUM

TSTRTRM
TEACHER STRATUM FOR SASS88

YRLY_SAL
YEARLY SALARY

TSC010 TSC011
PRIMARY ASSIGNMENT AT THIS SCHOOL

TSC011
CLASSIFICATION OF POSITION AS EMPLOYEE

TSC012
TEACHING ASSIGNMENT AT THIS SCHOOL

TSC013 TSC015
CHECKED ITEM A

TSC014 TSC014
OTHER ASSIGNMENT AT THIS SCHOOL

TSC015 TSC016
OTHER PRIMARY ACTIV OUTSIDE OF TEACHING

TSC016 TSC017
YR OF FIRST FULL-TIME TEACHING POSITION

TSC017
NEVER TAUGHT FULL-TIME
<table>
<thead>
<tr>
<th>TSC018</th>
<th>TSC023</th>
<th>SCHOOL LEVEL TAUGHT-PREKINDERGARTEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSC019</td>
<td>TSC024</td>
<td>SCHOOL LEVEL TAUGHT-ELEMENTARY</td>
</tr>
<tr>
<td>TSC020</td>
<td>TSC025</td>
<td>SCHOOL LEVEL TAUGHT-MIDDLE/JUNIOR HIGH</td>
</tr>
<tr>
<td>TSC021</td>
<td>TSC026</td>
<td>SCHOOL LEVEL TAUGHT-SENIOR HIGH</td>
</tr>
<tr>
<td>TSC022</td>
<td>TSC027</td>
<td>SCHOOL LEVEL TAUGHT-POSTSECONDARY</td>
</tr>
<tr>
<td>TSC023</td>
<td>TSC031</td>
<td>YRS FULL-TIME TEACHING-PUBLIC SCHOOLS</td>
</tr>
<tr>
<td>TSC024</td>
<td>TSC032</td>
<td>YRS PART-TIME TEACHING-PUBLIC SCHOOLS</td>
</tr>
<tr>
<td>TSC025</td>
<td>TSC029</td>
<td>YRS PART-TIME TEACHING-PRIVATE SCHOOLS</td>
</tr>
<tr>
<td>TSC026</td>
<td>TSC030</td>
<td>YRS FULL-TIME TEACHING-PRIVATE SCHOOLS</td>
</tr>
<tr>
<td>TSC027</td>
<td>TSC033</td>
<td>BREAKS IN SERVICE OF ONE YR OR MORE</td>
</tr>
<tr>
<td>TSC028</td>
<td>TSC034</td>
<td>BREAKS DUE TO REDUCTION-IN-FORCE/LAY-OFF</td>
</tr>
<tr>
<td>TSC029</td>
<td>TSC035</td>
<td>#OF BREAKS DUE TO REDUCT-N-FORCE/LAY-OFF</td>
</tr>
<tr>
<td>TSC030</td>
<td>TSC037</td>
<td>NUMBER OF CONSECUTIVE YEARS TEACHING</td>
</tr>
<tr>
<td>TSC031</td>
<td>TSC038</td>
<td>WHAT YEAR BEGIN TEACHING IN THIS SCH</td>
</tr>
<tr>
<td>TSC032,TSC034</td>
<td>TSC039</td>
<td>MAIN ACTIV BEFORE TEACHING IN THIS SCH</td>
</tr>
<tr>
<td>TSC033</td>
<td>--</td>
<td>STATE WHERE TAUGHT LAST YEAR</td>
</tr>
<tr>
<td>TSC035</td>
<td>TSC019</td>
<td>PREVIOUS OCCUPATION IN FIELD OF EDUC</td>
</tr>
<tr>
<td>TSC036</td>
<td>TSC020</td>
<td>KIND OF BUSINESS</td>
</tr>
<tr>
<td>TSC037</td>
<td>TSC021</td>
<td>KIND OF WORK</td>
</tr>
<tr>
<td>TSC038</td>
<td>TSC022</td>
<td>CLASSIFICATION AT THAT JOB</td>
</tr>
<tr>
<td>TSC039</td>
<td>TSC049</td>
<td>DEGREES EARNED-ASSOCIATE DEGREE</td>
</tr>
<tr>
<td>TSC040</td>
<td>TSC050</td>
<td>MAJOR FIELD CODE-ASSOCIATE DEGREE</td>
</tr>
<tr>
<td>TSC041</td>
<td>--</td>
<td>2ND MAJOR FIELD CODE-ASSOCIATE DEGREE</td>
</tr>
<tr>
<td>TSC042</td>
<td>TSC051</td>
<td>YEAR DEGREE RECEIVED-ASSOCIATE DEGREE</td>
</tr>
<tr>
<td>TSC043</td>
<td>TSC040</td>
<td>DEGREES EARNED-BACHELORS DEGREE</td>
</tr>
<tr>
<td>TSC044</td>
<td>TSC041</td>
<td>MAJOR FIELD CODE-BACHELORS DEGREE</td>
</tr>
<tr>
<td>TSC045</td>
<td>TSC044</td>
<td>2ND MAJOR FIELD CODE-BACHELORS DEGREE</td>
</tr>
<tr>
<td>TSC046</td>
<td>TSC042</td>
<td>YEAR DEGREE RECEIVED-BACHELORS DEGREE</td>
</tr>
<tr>
<td>TSC047</td>
<td>--</td>
<td>DEGREES EARNED-2ND BACHELORS</td>
</tr>
<tr>
<td>TSC048</td>
<td>--</td>
<td>MAJOR FIELD CODE-2ND BACHELORS</td>
</tr>
<tr>
<td>TSC049</td>
<td>--</td>
<td>2ND MAJOR FIELD CODE-2ND BACHELORS</td>
</tr>
<tr>
<td>TSC050</td>
<td>--</td>
<td>YEAR DEGREE RECEIVED-2ND BACHELORS</td>
</tr>
<tr>
<td>TSC051</td>
<td>TSC045</td>
<td>DEGREES EARNED-MASTERS DEGREE</td>
</tr>
<tr>
<td>TSC052</td>
<td>TSC046</td>
<td>MAJOR FIELD CODE-MASTERS DEGREE</td>
</tr>
<tr>
<td>TSC053</td>
<td>--</td>
<td>SECOND MAJOR FIELD CODE-MASTERS DEGREE</td>
</tr>
<tr>
<td>TSC054</td>
<td>TSC047</td>
<td>YEAR DEGREE RECEIVED-MASTERS DEGREE</td>
</tr>
<tr>
<td>TSC055</td>
<td>--</td>
<td>DEGREES EARNED-2ND MASTERS</td>
</tr>
<tr>
<td>TSC056</td>
<td>--</td>
<td>MAJOR FIELD CODE-2ND MASTERS</td>
</tr>
<tr>
<td>TSC057</td>
<td>--</td>
<td>SECOND MAJOR FIELD CODE-2ND MASTERS</td>
</tr>
<tr>
<td>TSC058</td>
<td>--</td>
<td>YEAR DEGREE RECEIVED-2ND MASTERS</td>
</tr>
<tr>
<td>TSC059</td>
<td>TSC052</td>
<td>DEGREES EARNED-EDUCATION SPEC/PROF DIPL</td>
</tr>
<tr>
<td>TSC060</td>
<td>TSC053</td>
<td>MAJOR FIELD CODE-EDUCAT SPEC/PROF DIPL</td>
</tr>
<tr>
<td>TSC061</td>
<td>--</td>
<td>2ND MAJOR FIELD CODE-EDUC SPEC/PROF DIP</td>
</tr>
<tr>
<td>TSC062</td>
<td>TSC054</td>
<td>YR DEGREE RECEIVED-EDUC SPEC/PROF DIP</td>
</tr>
<tr>
<td>TSC063,TSC067</td>
<td>TSC055</td>
<td>DEGREES EARNED-DOCTORATE, 1ST PROFESSIONAL DEGREE</td>
</tr>
<tr>
<td>TSC064,TSC068</td>
<td>TSC056</td>
<td>MAJOR FIELD CODE-DOCTORATE, 1ST PROF DEGREE</td>
</tr>
<tr>
<td>TSC065</td>
<td>--</td>
<td>SECOND MAJOR FIELD CODE-DOCTORATE</td>
</tr>
<tr>
<td>TSC066,TSC070</td>
<td>TSC057</td>
<td>YEAR DEGREE RECEIVED-DOCTORATE, 1ST PROF DEGREE</td>
</tr>
<tr>
<td>TSC069</td>
<td>--</td>
<td>2ND MAJOR FIELD CODE-1ST PROF DEGREE</td>
</tr>
<tr>
<td>TSC071</td>
<td>--</td>
<td>DEGREES EARNED-NO DEGREE/DIPLOMA</td>
</tr>
<tr>
<td>TSC073</td>
<td>--</td>
<td>NO BACHELORS DEGREE EARNED</td>
</tr>
<tr>
<td>TSC074</td>
<td>--</td>
<td>CITY AND STATE WHERE COLLEGE IS LOCATED</td>
</tr>
<tr>
<td>TSC075</td>
<td>TSC058</td>
<td>PRIMARY TEACHING ASSIGNMENT FIELD</td>
</tr>
<tr>
<td>TSC076</td>
<td>TSC059</td>
<td>TCHING SCHEDULE DIVIDED BETWEEN 2 FIELDS</td>
</tr>
</tbody>
</table>
TSC077  TSC060  SOME CLASSES IN OTHER FIELDS
TSC078  TSC061  FIELD WHERE 2ND MOST CLASSES ARE TAUGHT
TSC079  TSC069  FIELD WHERE BEST QUALIFIED TO TEACH
TSC080  TSC070  FEEL QUALIFIED TO TEACH ANY OTHER FIELD
TSC081  TSC071  FIELD SECOND BEST QUALIFIED FOR
TSC082  TSC072  PRIMARY TEACHING ASGMT FIELD CHANGED
TSC083  TSC073  PREVIOUS PRIMARY ASSIGNMENT FIELD
TSC084  TSC074  YRS PRIM ASGMT FIELD REMAINED UNCHANGED
TSC085  --  PRIM ASGMT FIELD UNDERGRAD SEM COURSES
TSC086  --  PRIMARY ASGMT FIELD UNDERGRAD QT COURSES
TSC087  --  PRIMARY ASGMT FIELD GRAD SEM COURSES
TSC088  --  PRIMARY ASGMT FIELD GRAD QT COURSES
TSC089  --  NO SECONDARY ASSIGNMENT
TSC090  --  SECOND ASGMT FIELD UNDERGRAD SEM COURSES
TSC091  --  SECOND ASGMT FIELD UNDERGRAD QT COURSES
TSC092  --  SECONDARY ASGMT FIELD GRAD SEM COURSES
TSC093  --  SECONDARY ASGMT FIELD GRAD QT COURSES
TSC094  --  BEST QUALIFIED FLD SAME AS PRIM/SEC ASSN
TSC095  --  BEST QUALIFIED FLD UNDERGRAD SEM COURSES
TSC096  --  BEST QUALIFIED FLD UNDERGRAD QT COURSES
TSC097  --  BEST QUALIFIED FIELD GRAD SEM COURSES
TSC098  --  BEST QUALIFIED FIELD GRAD QT COURSES
TSC099  --  ASSIGNMENT INCLUDE SCIENCE/COMPUTER/MATH

TSC100, TSC101  TSC078  # OF UNDERGRAD SEM COURSES-MATH
TSC102, TSC103  TSC079  # OF UNDERGRAD QT COURSES-MATH
TSC104, TSC105  TSC081  # OF GRAD SEM COURSES-MATH
TSC106, TSC107  TSC082  # OF GRAD QT COURSES-MATH
TSC108, TSC109  TSC084  # OF UNDERGRAD SEM COURSES-COMPUTER SCI,
TSC110, TSC111  TSC085  # OF UNDERGRAD QT COURSES-COMPUTER SCI
TSC112, TSC113  TSC087  # OF UNDERGRAD SEM COURSES-CHEMISTRY
TSC114, TSC115  TSC088  # OF UNDERGRAD QT COURSES-CHEMISTRY
TSC116, TSC117  TSC090  # OF UNDERGRAD SEM COURSES-PHYSICS
TSC118, TSC119  TSC091  # OF UNDERGRAD QT COURSES-PHYSICS
TSC120, TSC121  TSC093  # OF UNDERGRAD SEM COURSES-EARTH SCI
TSC122, TSC123  TSC094  # OF UNDERGRAD QT COURSES-EARTH SCI
TSC124, TSC125  TSC096  # OF UNDERGRAD SEM COURSES-NATURAL SCI,
TSC126, TSC127  TSC097  # OF UNDERGRAD QT COURSES-NATURAL SCI
TSC128  TSC098  INSERVICE/COL COURSE TAKEN IN LAST 2 YRS
TSC129  --  INSERVICE/COLLEGE COURSE ASSIGNMENT CODE
TSC130  TSC100  MAJOR PURPOSE FOR TAKING THIS TRAINING
<table>
<thead>
<tr>
<th>TSC131</th>
<th>TSC101</th>
<th>PRIMARY ASGMT FIELD-STATE CERTIFICATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSC132</td>
<td>TSC102</td>
<td>PRIM ASGMT FIELD-CODE FOR CERTIFICATION</td>
</tr>
<tr>
<td>TSC133</td>
<td>TSC103</td>
<td>PRIMARY ASSIGNMENT FIELD-YEAR CERTIFIED</td>
</tr>
<tr>
<td>TSC134</td>
<td>--</td>
<td>SECONDARY ASGMT FIELD-STATE CERTIFICATE</td>
</tr>
<tr>
<td>TSC135</td>
<td>--</td>
<td>SEC ASGMT FIELD-CODE FOR CERTIFICATION</td>
</tr>
<tr>
<td>TSC136</td>
<td>--</td>
<td>SECONDARY ASSIGNMENT FIELD-YR CERTIFIED</td>
</tr>
<tr>
<td>TSC137</td>
<td>--</td>
<td>BEST QUALIFIED FIELD-STATE CERTIFICATE</td>
</tr>
<tr>
<td>TSC138</td>
<td>--</td>
<td>BEST QUALIFIED FIELD-CODE FOR CERTIFICATION</td>
</tr>
<tr>
<td>TSC139</td>
<td>--</td>
<td>BEST QUALIFIED FIELD-YEAR CERTIFIED</td>
</tr>
<tr>
<td>TSC140</td>
<td>TSC113</td>
<td>GRADE LEVEL OF STUDENTS-PREKINDERGARTEN</td>
</tr>
<tr>
<td>TSC141</td>
<td>TSC114</td>
<td>GRADE LEVEL OF STUDENTS-KINDERGARTEN</td>
</tr>
<tr>
<td>TSC142</td>
<td>TSC115</td>
<td>GRADE LEVEL OF STUDENTS-1ST GRADE</td>
</tr>
<tr>
<td>TSC143</td>
<td>TSC116</td>
<td>GRADE LEVEL OF STUDENTS-2ND GRADE</td>
</tr>
<tr>
<td>TSC144</td>
<td>TSC117</td>
<td>GRADE LEVEL OF STUDENTS-3RD GRADE</td>
</tr>
<tr>
<td>TSC145</td>
<td>TSC118</td>
<td>GRADE LEVEL OF STUDENTS-4TH GRADE</td>
</tr>
<tr>
<td>TSC146</td>
<td>TSC119</td>
<td>GRADE LEVEL OF STUDENTS-5TH GRADE</td>
</tr>
<tr>
<td>TSC147</td>
<td>TSC120</td>
<td>GRADE LEVEL OF STUDENTS-6TH GRADE</td>
</tr>
<tr>
<td>TSC148</td>
<td>TSC121</td>
<td>GRADE LEVEL OF STUDENTS-7TH GRADE</td>
</tr>
<tr>
<td>TSC149</td>
<td>TSC122</td>
<td>GRADE LEVEL OF STUDENTS-8TH GRADE</td>
</tr>
<tr>
<td>TSC150</td>
<td>TSC123</td>
<td>GRADE LEVEL OF STUDENTS-9TH GRADE</td>
</tr>
<tr>
<td>TSC151</td>
<td>TSC124</td>
<td>GRADE LEVEL OF STUDENTS-10TH GRADE</td>
</tr>
<tr>
<td>TSC152</td>
<td>TSC125</td>
<td>GRADE LEVEL OF STUDENTS-11TH GRADE</td>
</tr>
<tr>
<td>TSC153</td>
<td>TSC126</td>
<td>GRADE LEVEL OF STUDENTS-12TH GRADE</td>
</tr>
<tr>
<td>TSC154, TSC155</td>
<td>TSC127</td>
<td>GRADE LEVEL OF STUDENTS-13TH GRADE</td>
</tr>
<tr>
<td>TSC156</td>
<td>TSC112</td>
<td>GRADE LEVEL OF STUDENTS-UNGRADED</td>
</tr>
<tr>
<td>TSC157</td>
<td>TSC128</td>
<td>DESCRIPTION OF CLASS ORGANIZATION</td>
</tr>
<tr>
<td>TSC158</td>
<td>TSC129</td>
<td>ENROLLMENT OF CLASS TAUGHT IN RECENT WK</td>
</tr>
<tr>
<td>TSC159</td>
<td>TSC130</td>
<td>HRS SPENT TEACHING-ENGLISH/LANG ARTS</td>
</tr>
<tr>
<td>TSC160</td>
<td>TSC131</td>
<td>HRS SPENT TEACHING-ARITHMETIC/MATH</td>
</tr>
<tr>
<td>TSC161</td>
<td>TSC132</td>
<td>HRS SPENT TEACHING-SOCIAL SCIENCE/HIST</td>
</tr>
<tr>
<td>TSC162</td>
<td>TSC133</td>
<td>HRS SPENT TEACHING-SCIENCE</td>
</tr>
<tr>
<td>TSC163</td>
<td>TSC134</td>
<td>HOMEWORK ASSIGNED MOST RECENT WEEK</td>
</tr>
<tr>
<td>TSC164</td>
<td>TSC135</td>
<td>ACHIEVE LEVEL OF STUDENTS REL TO OTHERS</td>
</tr>
<tr>
<td>TSC165</td>
<td>--</td>
<td>SCHOOL DAY IS NOT ORGANIZED BY CLASS PER</td>
</tr>
<tr>
<td>TSC166</td>
<td>TSC137</td>
<td>SUBJ MATTER CODE-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC167</td>
<td>TSC138</td>
<td>PERIODS PER WEEK-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC168</td>
<td>TSC139</td>
<td>GRADE LEVEL-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC169</td>
<td>TSC140</td>
<td>STUDENT ENROLLMENT-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC170</td>
<td>--</td>
<td>HOMEWORK ASSIGNED-CLASS PERIOD 1</td>
</tr>
<tr>
<td>--</td>
<td>TSC141</td>
<td># MALES IN CLASS-CLASS PERIOD 1</td>
</tr>
<tr>
<td>--</td>
<td>TSC142</td>
<td># MINORITIES IN CLASS-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC171</td>
<td>TSC143</td>
<td>CLASS ACHIEVEMENT CODE-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC172</td>
<td>TSC144</td>
<td>COURSE LEVEL CODE-CLASS PERIOD 1</td>
</tr>
<tr>
<td>TSC173</td>
<td>TSC145</td>
<td>SUBJ MATTER CODE-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC174</td>
<td>TSC146</td>
<td>PERIODS PER WEEK-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC175</td>
<td>TSC147</td>
<td>GRADE LEVEL-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC176</td>
<td>TSC148</td>
<td>STUDENT ENROLLMENT-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC177</td>
<td>--</td>
<td>HOMEWORK ASSIGNED-CLASS PERIOD 2</td>
</tr>
<tr>
<td>--</td>
<td>TSC149</td>
<td># MALES IN CLASS-CLASS PERIOD 2</td>
</tr>
<tr>
<td>--</td>
<td>TSC150</td>
<td># MINORITIES IN CLASS-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC178</td>
<td>TSC151</td>
<td>CLASS ACHIEVEMENT CODE-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC179</td>
<td>TSC152</td>
<td>COURSE LEVEL CODE-CLASS PERIOD 2</td>
</tr>
<tr>
<td>TSC180</td>
<td>TSC153</td>
<td>SUBJ MATTER CODE-CLASS PERIOD 3</td>
</tr>
</tbody>
</table>
TSC181  TSC154 PERIODS PER WEEK-CLASS PERIOD 3
TSC182  TSC155 GRADE LEVEL-CLASS PERIOD 3
TSC183  TSC156 STUDENT ENROLLMENT-CLASS PERIOD 3
TSC184  -- HOMEWORK ASSIGNED-CLASS PERIOD 3
     -- TSC157 # MALES IN CLASS-CLASS PERIOD 3
     -- TSC158 # MINORITIES IN CLASS-CLASS PERIOD 3
TSC185  TSC159 CLASS ACHIEVEMENT CODE-CLASS PERIOD 3
TSC186  TSC160 COURSE LEVEL CODE-CLASS PERIOD 3
TSC187  TSC161 SUBJ MATTER CODE-CLASS PERIOD 4
TSC188  TSC162 PERIODS PER WEEK-CLASS PERIOD 4
TSC189  TSC163 GRADE LEVEL-CLASS PERIOD 4
TSC190  TSC164 STUDENT ENROLLMENT-CLASS PERIOD 4
TSC191  -- HOMEWORK ASSIGNED-CLASS PERIOD 4
     -- TSC165 # MALES IN CLASS-CLASS PERIOD 4
     -- TSC166 # MINORITIES IN CLASS-CLASS PERIOD 4
TSC192  TSC167 CLASS ACHIEVEMENT CODE-CLASS PERIOD 4
TSC193  TSC168 COURSE LEVEL CODE-CLASS PERIOD 4
TSC194  TSC169 SUBJ MATTER CODE-CLASS PERIOD 5
TSC195  TSC170 PERIODS PER WEEK-CLASS PERIOD 5
TSC196  TSC171 GRADE LEVEL-CLASS PERIOD 5
TSC197  TSC172 STUDENT ENROLLMENT-CLASS PERIOD 5
TSC198  -- HOMEWORK ASSIGNED-CLASS PERIOD 5
     -- TSC173 # MALES IN CLASS-CLASS PERIOD 5
     -- TSC174 # MINORITIES IN CLASS-CLASS PERIOD 5
TSC199  TSC175 CLASS ACHIEVEMENT CODE-CLASS PERIOD 5
TSC200  TSC176 COURSE LEVEL CODE-CLASS PERIOD 5
TSC201  TSC177 SUBJ MATTER CODE-CLASS PERIOD 6
TSC202  TSC178 PERIODS PER WEEK-CLASS PERIOD 6
TSC203  TSC179 GRADE LEVEL-CLASS PERIOD 6
TSC204  TSC180 STUDENT ENROLLMENT-CLASS PERIOD 6
TSC205  -- HOMEWORK ASSIGNED-CLASS PERIOD 6
     -- TSC181 # MALES IN CLASS-CLASS PERIOD 6
     -- TSC182 # MINORITIES IN CLASS-CLASS PERIOD 6
TSC206  TSC183 CLASS ACHIEVEMENT CODE-CLASS PERIOD 6
TSC207  TSC184 COURSE LEVEL CODE-CLASS PERIOD 6
TSC208  TSC185 SUBJ MATTER CODE-CLASS PERIOD 7
TSC209  TSC186 PERIODS PER WEEK-CLASS PERIOD 7
TSC210  TSC187 GRADE LEVEL-CLASS PERIOD 7
TSC211  TSC188 STUDENT ENROLLMENT-CLASS PERIOD 7
TSC212  -- HOMEWORK ASSIGNED-CLASS PERIOD 7
     -- TSC189 # MALES IN CLASS-CLASS PERIOD 7
     -- TSC190 # MINORITIES IN CLASS-CLASS PERIOD 7
TSC213  TSC191 CLASS ACHIEVEMENT CODE-CLASS PERIOD 7
TSC214  TSC192 COURSE LEVEL CODE-CLASS PERIOD 7
TSC215  TSC193 SUBJ MATTER CODE-CLASS PERIOD 8
TSC216  TSC194 PERIODS PER WEEK-CLASS PERIOD 8
TSC217  TSC195 GRADE LEVEL-CLASS PERIOD 8
TSC218  TSC196 STUDENT ENROLLMENT-CLASS PERIOD 8
TSC219  -- HOMEWORK ASSIGNED-CLASS PERIOD 8
     -- TSC197 # MALES IN CLASS-CLASS PERIOD 8
     -- TSC198 # MINORITIES IN CLASS-CLASS PERIOD 8
TSC220  TSC199 CLASS ACHIEVEMENT CODE-CLASS PERIOD 8
TSC221  TSC200 COURSE LEVEL CODE-CLASS PERIOD 8
TSC222  TSC201 SUBJ MATTER CODE-CLASS PERIOD 9
TSC223  TSC202  PERIODS PER WEEK-CLASS PERIOD 9
TSC224  TSC203  GRADE LEVEL-CLASS PERIOD 9
TSC225  TSC204  STUDENT ENROLLMENT-CLASS PERIOD 9
TSC226  --   HOMEWORK ASSIGNED-CLASS PERIOD 9
         --   # MALES IN CLASS-CLASS PERIOD 9
         --   # MINORITIES IN CLASS-CLASS PERIOD 9
TSC227  TSC207  CLASS ACHIEVEMENT CODE-CLASS PERIOD 9
TSC228  TSC208  COURSE LEVEL CODE-CLASS PERIOD 9
         --   SUBJ MATTER CODE-CLASS PERIOD 10
         --   PERIODS PER WEEK-CLASS PERIOD 10
         --   GRADE LEVEL-CLASS PERIOD 10
         --   STUDENT ENROLLMENT-CLASS PERIOD 10
         --   # MALES IN CLASS-CLASS PERIOD 10
         --   # MINORITIES IN CLASS-CLASS PERIOD 10
         --   CLASS ACHIEVEMENT CODE-CLASS PERIOD 10
         --   COURSE LEVEL CODE-CLASS PERIOD 10
TSC229  --   HOURS SPENT-CLASSROOM TEACHING
TSC230  --   HOURS SPENT-PREPARATION
TSC231  --   HOURS SPENT-NONTEACHING DUTIES
TSC232  --   HRS SPENT-OTHER ASSIGNED RESPONSIBILITIE
TSC233  --   HOURS SPENT-ABSENT FROM SCHOOL
TSC234  --   TOTAL SCHOOL HOURS
TSC235  --   AFTER SCHOOL HRS SPENT-SCH-RELATED ACT
TSC236  --   AFTER SCHOOL HRS-NONSch-RELATED ACT
TSC237  --   TOTAL AFTER SCHOOL HOURS
TSC238  --   TEACHERS ARE EVALUATED FAIRLY
TSC239  --   PRIN LETS STAFF KNOW WHAT IS EXPECTED
TSC240  --   ADMINS BEHAVIOR IS SUPPORTIVE AND ENCOUR
TSC241  --   I AM SATISFIED WITH MY TEACHING SALARY
TSC242  TSC226  MISBEHAVIOR IN SCH INTERFERES W/My TEACH
TSC243  --   TCHRS PARTICIPATE IN IMPORTANT DECISIONS
TSC244  --   RECEIVE PARENTAL SUPPORT FOR WORK
TSC245  --   NECESSARY MATERIALS ARE AVAILABLE
TSC246  --   PRIN DOES POOR JOB OF GETTING RESOURCES
TSC247  --   ROUTINE DUTIES/PAPERWORK INTERFERE W/TCH
TSC248  TSC227  MY PRINCIPAL ENFORCES RULES FOR CONDUCT
TSC249  --   PRIN TALKS W/ ME ABOUT INSTR PRACTICES
TSC250  TSC228  RULES FOR STU BEHAVIOR ENFORCED BY ALL T
TSC251  --   COLLEAGUES SHARE MY BELIEF/VALUE OF SCH
TSC252  --   PRIN KNOWS SCHOOL GOALS & COMMUNICATES
TSC253  --   THERE IS GREAT COOPERATION AMONG STAFF
TSC254  --   STAFF MEMBERS RECON FOR JOB WELL DONE
TSC255  --   FOLLOW RULES THAT CONFLICT W/MY JUDGEMNT
TSC256  --   I AM SATISFIED WITH MY CLASS SIZES
TSC257  --   MAKE EFFORT TO COORDINATE COURSE CONTENT
TSC258  --   GOALS/PRIORITIES FOR SCHOOL ARE CLEAR
TSC259  --   STU TARDINESS/CLASS CUT INTERFERE W/TCHG
TSC260  --   ITS WASTE OF TIME TO DO MY BEST AS TCHR
TSC261  TSC236  WOULD YOU BECOME A TEACHER AGAIN
TSC262  TSC254  DEG OF PROBLEM-STUDENT TARDINESS
TSC263  TSC255  DEG OF PROBLEM-STUDENT ABSENTEEISM
TSC264  TSC256  DEG OF PROBLEM-TEACHER ABSENTEEISM
TSC265  TSC257  DEG OF PROBLEM-STUDENTS CUTTING CLASS
TSC266  TSC258  DEG OF PROBLEM-PHYSICAL CONFLICT AMONG
<table>
<thead>
<tr>
<th>TSC267</th>
<th>TSC259</th>
<th>DEG OF PROBLEM-ROBBERY OR THEFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSC268</td>
<td>TSC260</td>
<td>DEG OF PROBLEM-VANDALISM OF SCH PROP</td>
</tr>
<tr>
<td>TSC269</td>
<td>TSC261</td>
<td>DEG OF PROBLEM-Student PREGNANCY</td>
</tr>
<tr>
<td>TSC270</td>
<td>TSC262</td>
<td>DEG OF PROBLEM-USE OF ALCOHOL</td>
</tr>
<tr>
<td>TSC271</td>
<td>TSC263</td>
<td>DEG OF PROBLEM-DRUG ABUSE</td>
</tr>
<tr>
<td>TSC272</td>
<td>TSC264</td>
<td>DEG OF PROBLEM-POSSESSION OF WEAPONS</td>
</tr>
<tr>
<td>TSC273</td>
<td>TSC265</td>
<td>DEG OF PROBLEM-PHYSICAL ABUSE OF TEACHERS</td>
</tr>
<tr>
<td>TSC274</td>
<td>TSC266</td>
<td>DEG OF PROBLEM-VERBAL ABUSE OF TEACHERS</td>
</tr>
<tr>
<td>TSC275</td>
<td>TSC267</td>
<td>TCHR INFLUENCE-DETERMINING DISCIPLINE</td>
</tr>
<tr>
<td>TSC276</td>
<td>TSC268</td>
<td>TCHR INFLUENCE-CONTENT OF INSERVICE PROGRAM</td>
</tr>
<tr>
<td>TSC277</td>
<td>TSC269</td>
<td>TCHR INFLUENCE-GROUP IN CLASSES BY ABILITY</td>
</tr>
<tr>
<td>TSC278</td>
<td>TSC270</td>
<td>TCHR INFLUENCE-ESTABLISHING CURRICULUM</td>
</tr>
<tr>
<td>TSC279</td>
<td>TSC271</td>
<td>TCHR CTRL W/IN CLASS-TEXT/AILDES</td>
</tr>
<tr>
<td>TSC280</td>
<td>TSC272</td>
<td>TCHR CTRL W/IN CLASS-TEACHING TECHNIQUES</td>
</tr>
<tr>
<td>TSC281</td>
<td>TSC273</td>
<td>TCHR CTRL W/IN CLASS-DISCIPLINING STUDENTS</td>
</tr>
<tr>
<td>TSC282</td>
<td>TSC274</td>
<td>TCHR CTRL W/IN CLASS-AMOUNT OF HOMEWORK</td>
</tr>
<tr>
<td>TSC283</td>
<td>TSC275</td>
<td>-- HELPPED IMPROVE TEACHING-PRINC/SCHOOL HEAD</td>
</tr>
<tr>
<td>TSC284</td>
<td>TSC276</td>
<td>-- HELPPED IMPROVE TEACHING-DEPT CHAIR</td>
</tr>
<tr>
<td>TSC285</td>
<td>TSC277</td>
<td>-- HELPPED IMPROVE TEACHING-OTHER SCH ADMIN</td>
</tr>
<tr>
<td>TSC286</td>
<td>TSC278</td>
<td>-- HELPPED IMPROVE TEACHING-OTHER TEACHERS</td>
</tr>
<tr>
<td>TSC287</td>
<td>TSC279</td>
<td>LENGTH OF CONTINUED TEACHING</td>
</tr>
<tr>
<td>TSC288</td>
<td>TSC280</td>
<td>YEARS UNTIL PLANNED RETIREMENT</td>
</tr>
<tr>
<td>TSC289</td>
<td>TSC281</td>
<td>MAIN ACTIV DURING THE PREV 86-87 SCH YR</td>
</tr>
<tr>
<td>TSC290</td>
<td>TSC282</td>
<td>MAIN ACTIV DURING THE NEXT 88-89 SCH YR</td>
</tr>
<tr>
<td>TSC291</td>
<td>TSC283</td>
<td>-- FAVOR OR OPPOSE-PAY FOR MASTER/MENTOR T</td>
</tr>
<tr>
<td>TSC292</td>
<td>TSC284</td>
<td>-- FAVOR OR OPPOSE-PAY FOR MASTER/MENTOR T</td>
</tr>
<tr>
<td>TSC293</td>
<td>TSC285</td>
<td>INCENTIVE RECEIVED-PAY FOR MASTER/MENTOR T</td>
</tr>
<tr>
<td>TSC294</td>
<td>TSC286</td>
<td>-- FAVOR OR OPPOSE-ADD PAY FOR SHTG FIELD</td>
</tr>
<tr>
<td>TSC295</td>
<td>TSC287</td>
<td>INCENTIVE RECEIVED-ADD PAY FOR SHTG FIELD</td>
</tr>
<tr>
<td>TSC296</td>
<td>TSC288</td>
<td>-- FAVOR OR OPPOSE-ADD PAY FOR LOCATION</td>
</tr>
<tr>
<td>TSC297</td>
<td>TSC289</td>
<td>INCENTIVE RECEIVED-ADD PAY FOR LOCATION</td>
</tr>
<tr>
<td>TSC298</td>
<td>TSC290</td>
<td>-- FAVOR OR OPPOSE-INCREASES OF LADDER</td>
</tr>
<tr>
<td>TSC299</td>
<td>TSC291</td>
<td>INCENTIVE RECEIVED-INCREASES OF LADDER</td>
</tr>
<tr>
<td>TSC300</td>
<td>TSC292</td>
<td>-- FAVOR OR OPPOSE-MERIT PAY FOR TCHR PERF</td>
</tr>
<tr>
<td>TSC301</td>
<td>TSC293</td>
<td>INCENTIVE RECEIVED-MERIT PAY FOR TCHR PERF</td>
</tr>
<tr>
<td>TSC302</td>
<td>TSC294</td>
<td>-- FAVOR OR OPPOSE-SCHWIDE BONUS FOR ALL T</td>
</tr>
<tr>
<td>TSC303</td>
<td>TSC295</td>
<td>INCENTIVE RECEIVED-SCHWIDE BONUS FOR ALL T</td>
</tr>
<tr>
<td>TSC304</td>
<td>TSC296</td>
<td>SUMMER 87 INCOME-SUMMER SCHOOL SALARY</td>
</tr>
<tr>
<td>TSC305</td>
<td>TSC297</td>
<td>SUMMER 87 INCOME-OTHER SCH COMP FOR WORK</td>
</tr>
<tr>
<td>TSC306</td>
<td>TSC298</td>
<td>SUMMER 87 INCOME-OTHER SCH COMPENSATION</td>
</tr>
<tr>
<td>TSC307</td>
<td>TSC299</td>
<td>ACADEMIC BASE YR SALARY FOR 87-88 SCH YR</td>
</tr>
<tr>
<td>TSC308</td>
<td>TSC300</td>
<td>ADDITIONAL COMP DURING 87-88 SCH YR</td>
</tr>
<tr>
<td>TSC309</td>
<td>TSC301</td>
<td>ADDITIONAL COMP DURING 87-88 SCH YR</td>
</tr>
<tr>
<td>TSC310</td>
<td>TSC302</td>
<td>TOTAL INCOME FROM JUNE 1987 TO JUNE 1988</td>
</tr>
<tr>
<td>TSC311</td>
<td>TSC303</td>
<td>HOUSEXPS INCOME-IN-KIND RECEIVED-HOUSING OR HOUSING</td>
</tr>
<tr>
<td>TSC312</td>
<td>TSC304</td>
<td>MEALS INCOME-IN-KIND RECEIVED-MEALS</td>
</tr>
<tr>
<td>TSC313</td>
<td>TSC305</td>
<td>TUITION INCOME-IN-KIND RECEIVED-TUITION FOR CHILDREN</td>
</tr>
<tr>
<td>TSC314</td>
<td>TSC306</td>
<td>CHILDCARE INCOME-IN-KIND RECEIVED-CHILD CARE</td>
</tr>
<tr>
<td>TSC315</td>
<td>TSC307</td>
<td>COLLEGE INCOME-IN-KIND RECEIVED-COLLEGE</td>
</tr>
<tr>
<td>TSC316</td>
<td>TSC308</td>
<td>TRANSPT INCOME-IN-KIND RECEIVED-CAR/TRANS EXPENSE</td>
</tr>
<tr>
<td>TSC317</td>
<td>TSC309</td>
<td>TRANSPORT INCOME-IN-KIND RECEIVED-TRANSPORT</td>
</tr>
<tr>
<td>TSC318</td>
<td>TSC310</td>
<td>FAMILY INC TOTAL COMB INCOME CATEGORY FOR FAMILY</td>
</tr>
<tr>
<td>TSC319</td>
<td>TSC311</td>
<td>SEX ARE YOU MALE OR FEMALE</td>
</tr>
<tr>
<td>TSC320</td>
<td>TSC312</td>
<td>RACE WHAT IS YOUR RACE</td>
</tr>
</tbody>
</table>
APPENDIX D

INDUSTRY CODES
1980 Census of Population Industry Classifications

The 3 digit number in the left margin is the code symbol for the occupation category. The number in parentheses to the right of the description is the SIC definition.

AGRICULTURE, FORESTRY, AND FISHERIES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>Agricultural production, crops (01)</td>
</tr>
<tr>
<td>011</td>
<td>Agricultural production, livestock (02)</td>
</tr>
<tr>
<td>020</td>
<td>Agricultural services, except horticultural (07, except 078)</td>
</tr>
<tr>
<td>021</td>
<td>Horticultural services (078)</td>
</tr>
<tr>
<td>030</td>
<td>Forestry (08)</td>
</tr>
<tr>
<td>031</td>
<td>Fishing hunting, and trapping (09)</td>
</tr>
</tbody>
</table>

MINING

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>040</td>
<td>Metal mining (10)</td>
</tr>
<tr>
<td>041</td>
<td>Coal mining (11, 12)</td>
</tr>
<tr>
<td>042</td>
<td>Crude petroleum and natural gas extraction (13)</td>
</tr>
<tr>
<td>050</td>
<td>Nonmetallic mining and quarrying, except fuel (14)</td>
</tr>
<tr>
<td>060</td>
<td>Construction (15, 16, 17)</td>
</tr>
</tbody>
</table>

MANUFACTURING

NONDURABLE GOODS

FOOD AND KINDRED PRODUCTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Meat products (201)</td>
</tr>
<tr>
<td>101</td>
<td>Dairy products (202)</td>
</tr>
<tr>
<td>102</td>
<td>Canned and preserved fruits and vegetables (203)</td>
</tr>
<tr>
<td>110</td>
<td>Grain mill products (204)</td>
</tr>
<tr>
<td>111</td>
<td>Bakery products (205)</td>
</tr>
<tr>
<td>112</td>
<td>Sugar and confectionery products (206)</td>
</tr>
<tr>
<td>120</td>
<td>Beverage industries (208)</td>
</tr>
<tr>
<td>121</td>
<td>Miscellaneous food preparations and kindred products (207,209)</td>
</tr>
<tr>
<td>122</td>
<td>Not specified food industries</td>
</tr>
<tr>
<td>130</td>
<td>Tobacco manufactures (21)</td>
</tr>
</tbody>
</table>

TEXTILE MILL PRODUCTS
132 Knitting mills (225)
140 Dyeing and finishing textiles, except wool and knit goods (226)
141 Floor coverings, except hard surface (227)
142 Yarn, thread, and fabric mills (228,221-224)
150 Miscellaneous textile mill products (229)

APPAREL AND OTHER FINISHED TEXTILE PRODUCTS

151 Apparel and accessories, except knit (231-238)
152 Miscellaneous fabricated textile products (239)

PAPER AND ALLIED PRODUCTS

160 Pulp, paper, and paperboard mill (261-263,266)
161 Miscellaneous paper and pulp products (264)
162 Paperboard containers and boxes (265)

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

171 Newspaper publishing and printing (271)
172 Printing, publishing, and allied industries, except newspapers (272-279)

CHEMICALS AND ALLIED PRODUCTS

180 Plastics, synthetics, and resins (282)
181 Drugs (283)
182 Soaps and cosmetics (284)
190 Paints, varnishes, and related products (285)
191 Agricultural chemicals (287)
192 Industrial and miscellaneous chemicals (281,286,289)

PETROLEUM AND COAL PRODUCTS

200 Petroleum refining (291)
201 Miscellaneous petroleum and coal products (295,299)

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)

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)

DURABLE GOODS

LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE
230 Logging (241)
231 Sawmills, planning mills, and millwork (242, 243)
232 Wood buildings and mobile homes (245)
241 Miscellaneous wood products (244,249)
242 Furniture and fixtures (25)

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)
261 Pottery and related products (326)
262 Miscellaneous nonmetallic mineral and stone products (328,329)

METAL INDUSTRIES

270 Blast furnaces, steelworks, rolling and finishing mills(331)
271 Iron and steel foundries (332)
272 Primary aluminum industries (3334, pt 334, 3353-55,3361)
280 Other primary metal industries (3331-3333, 3339, 334, 3351, 3356, 3357, 3362, 3369, 339)
281 Cutlery, hand tools, and other hardware (342)
282 Fabricated structural metal products (344)
290 Screw machine products (345)
291 Metal forgings and stampings (346)
292 Ordinance (348)
300 Miscellaneous fabricated metal products (341,343,349)
301 Not specified metal industries

MACHINERY, EXCEPT ELECTRICAL

310 Engines and turbines (351)
311 Farm machinery and equipment (352)
312 Construction and material handling machines (353)
320 Metal working machinery (354)
321 Office and accounting machines (357, except 3573)
322 Electronic computing equipment (3573)
331 Machinery, except electrical, N.E.C. (355, 356, 359)
332 Not specified machinery

ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

340 Household appliances (363)
341 Radio, tv. And communication equipment (365, 366)
342 Electrical machinery, equipment, and supplies, N.E.C. (361, 362, 364, 367, 369) 350 Not specified electrical machinery, equipment, and supplies

TRANSPORTATION EQUIPMENT

351 Motor vehicles and motor vehicle equipment (371)
352 Aircraft and parts (372)
360 Ship yard boat building and repairing (373)
361 Railroad locomotives and equipment (374)
362  Guided missiles, space vehicles, and parts (376)
370  Cycles and miscellaneous transportation equipment (379)

PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES

371  Scientific and controlling instruments (381,382)
372  Optical and health services supplies (383, 384, 385)
380  Photographic equipment and supplies(386)
381  Watches, clocks, and clockwork operated devices
382  Not specified professional equipment
390  Toys, amusement, and sporting goods (394)
391  Miscellaneous manufacturing industries (39 Exc. 394)
392  Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

TRANSPORTATION

400  Railroads (40)
401  Bus service and urban transit (41, except 412)
402  Taxicab service (412)
410  Trucking service (421, 423)
411  Warehousing and storage (422)
412  U.S. Postal service (43)
420  Water transportation (44)
421  Air transportation (45)
422  Pipe lines, except natural gas (46)
432  Services incidental to transportation (47)

COMMUNICATIONS

440  Radio and television broadcasting (483)
441  Telephone (wire and radio) (481)
442  Telegraph and miscellaneous communication services (482, 489)

UTILITIES AND SANITARY SERVICES

460  Electric light and power (491)
461  Gas and steam supply systems (492, 496)
462  Electric and gas, and other combination (493)
470  Water supply and irrigation (494, 497)
471  Sanitary services (495)
472  Not specified utilities

WHOLESALE TRADE

DURABLE GOODS

500  Motor vehicles and equipment (501)
501  Furniture and home furnishings (502)
502  Lumber and construction materials (503)
510  Sporting goods, toys, and hobby goods (504)
511  Metals and minerals, except petroleum (505)
512  Electrical goods (506)
521  Hardware, plumbing and heating supplies (507)
522  Not specified electrical and hardware products
530  Machinery, equipment, and supplies (508)
531  Scrap and waste materials (5093)
532  Miscellaneous wholesale, durable goods (5094, 5099)

NONDURABLE GOODS

540  Paper and paper products (511)
541  Drugs, chemicals, and allied products (512, 516)
542  Apparel, fabrics, and notions (513)
550  Groceries and related products (514)
551  Farm-product raw materials (515)
552  Petroleum products (517)
560  Alcoholic beverages (518)
561  Farm supplies (5191)
562  Miscellaneous wholesale, nondurable goods (5194,5198,5199)
571  Not specified wholesale trade

RETAIL TRADE

580  Lumber and building material retailing (521,523)
581  Hardware stores (525)
582  Retail nurseries and garden stores (526)
590  Mobile home dealers (527)
591  Department stores (531)
592  Variety stores (533)
600  Miscellaneous general merchandise stores (539)
601  Grocery stores (541)
602  Dairy products stores (545)
610  Retail bakeries (546)
611  Food stores, N.E.C. (542,543,544,549)
612  Motor vehicle dealers (551,552)
620  Auto and home supply stores (553)
621  Gasoline service stations (554)
622  Miscellaneous vehicle dealers (555,556,557,559)
630  Apparel and accessory stores, except shoe (56, except 566)
631  Shoe stores (566)
632  Furniture and home furnishings stores (571)
640  Household appliances, tv, and radio stores (572,573)
641  Eating and drinking places (58)
642  Drug stores (591)
650  Liquor stores (592)
651  Sporting goods, bicycles, and hobby stores (5941,5945,5946)
652  Book and stationery stores (5942,5943)
660  Jewelry stores (5944)
661  Sewing, needlework, and piece goods stores (5949)
662  Mail order houses (5961)
670  Vending machine operators (5962)
671  Direct selling establishments (5963)
672  Fuel and ice dealers (598)
681  Retail florists (5992)
682  Miscellaneous retail stores (593,5947,5948,5993,5994,5999)
691  Not specified retail trade
FINANCE, INSURANCE, AND REAL ESTATE

700  Banking (60)
701  Savings and loan associations (612)
702  Credit agencies, N.E.C. (61, Except 612)
710  Security, commodity brokerage, and investment companies (62, 67)
711  Insurance (63, 64)
712  Real estate, including real estate-insurance-law offices (65, 66)

BUSINESS AND REPAIR SERVICES

721  Advertising (731)
722  Services to dwellings and other buildings (734)
730  Commercial research, development, and testing labs (7391, 7397)
731  Personnel supply services (736)
732  Business management and consulting services (7392)
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)
750  Automotive services, except repair (751, 752, 754)
751  Automotive repair shops (753)
752  Electrical repair shops (762, 7694)
760  Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

761  Private households (88)
762  Hotels and motels (701)
770  Lodging places, except hotels and motels (702, 703, 704)
771  Laundry, cleaning, and garment services (721)
772  Beauty shops (723)
780  Barber shops (724)
781  Funeral service and crematories (726)
782  Shoe repair shops (725)
790  Dressmaking shops (Pt 729)
791  Miscellaneous personal services (722, Pt 729)

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)

PROFESSIONAL AND RELATED SERVICES

812  Offices of physicians (801, 803)
820  Offices of dentists (802)
821  Offices of chiropractors (8041)
822  Offices of optometrists (8042)
830  Offices of health practitioners, N.E.C. (8049)
831  Hospitals (806)
832  Nursing and personal care facilities (805)
840 Health services, N.E.C. (807,808,809)
841 Legal services (81)
842 Elementary and secondary schools (821)
850 Colleges and universities (822)
851 Business, trade, and vocational schools (824)
852 Libraries (823)
860 Educational services, N.E.C. (829)
861 Job training and vocational rehabilitation services (833)
862 Child day care services (835)
870 Residential care facilities, without nursing (836)
871 Social services, N.E.C. (832,839)
872 Museums, art galleries, and zoos (84)
880 Religious organizations (866)
881 Membership organizations (861-865,869)
882 Engineering, architectural, and surveying services (891)
890 Accounting, auditing, and bookkeeping services (893)
891 Noncommercial educational and scientific research (892)
892 Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

900 Executive and legislative offices (911-913)
901 General government, N.E.C. (919)
910 Justice, public order, and safety (92)
921 Public finance, taxation, and monetary policy (93)
922 Administration of human resources programs (94)
930 Administration of environmental quality and housing programs (95)
931 Administration of economic programs (96)
932 National security and international affairs (97)
991 Last job Armed Forces
992 Last worked in 1974 or earlier

1980 CENSUS OF POPULATION OCCUPATIONAL CLASSIFICATIONS

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS

003 Legislators (112)
004 Chief executives and general administrators, public administration (111)
005 Administrators and officials, public administration (pt 113 and 119, except 1136)
006 Administrators, protective services (pt 113)
007 Financial managers (122)
008 Personnel and labor relations managers (123)
009 Purchasing managers (124)
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)
Managers and administrators, N.E.C. (1136,121,126,127, 132-139, Except 1344, 1353, Pt 1359)

Management Related Occupations

023 Accountants and auditors (1412)
024 Underwriters (Pt 1419)
025 Other financial officers (Pt 1419)
026 Management analysts (142)
027 Personnel, training, and labor relations specialists (143)
028 Purchasing agents and buyers, farm products (Pt 144)
029 Buyers, wholesale and retail trade, except farm products (432)
033 Purchasing agents and buyers, N.E.C. (Pt 144)
034 Business and promotion agents (145)
035 Construction inspectors (1171, 618)
036 Inspectors and compliance officers, Exc. construction (1172,147)
037 Management related occupation, N.E.C. (149)

Professional Specialty Occupations

043 Architects (15)

Engineers, Surveyors and Mapping Scientists

044 Aerospace engineers (1622)
045 Metallurgical and materials engineers (1623)
046 Mining engineers (1624)
047 Petroleum engineers (1625)
048 Chemical engineers (1626)
049 Nuclear engineers (1627)
053 Civil engineers (1628)
054 Agricultural engineers (1632)
055 Electrical and electronic engineers (1633,1636)
056 Industrial engineers (1634)
057 Mechanical engineers (1635)
058 Marine engineers and naval architects (1637)
059 Engineers, N.E.C. (1639)
063 Surveyors and mapping scientists (1642)

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)

Natural Scientists

069 Physicists and astronomers (1842,1843)
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, 1859)
079 Forestry and conservation scientists (1852)
083 Medical scientists (1855)

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)

HEALTH ASSESSMENT AND TREATING OCCUPATIONS

095 Registered nurses (29)
096 Pharmacists (301)
097 Dietitians (302)

THERAPISTS

098 Inhalation therapists (Pt 303)
099 Occupational therapists (Pt 303)
103 Physical therapists (Pt 303)
104 Speech therapists (Pt 303)
105 Therapists, N.E.C. (Pt 303)
106 Physicians' assistants (304)

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)
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)
133 Medical science teachers (Pt 2232)
134 Health specialties teachers (Pt 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)
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 (Pt 2249)
153 Teachers, postsecondary, N.E.C. (Pt 2249)
154 Postsecondary teachers, subject not specified

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. (234,239)
163 Counselors, educational and vocational (24)

LIBRARIANS, ARCHIVISTS, AND CURATORS

164 Librarians (251)
165 Archivists and curators (252)

SOCIAL SCIENTISTS AND URBAN PLANNERS

166 Economists (1912)
167 Psychologists (1915)
168 Sociologists (1916)
169 Social scientists, N.E.C. (1913,1914,1919)
173 Urban planners (192)

SOCIAL, RECREATION, AND RELIGIOUS WORKERS

174 Social workers (2032)
175 Recreation workers (2033)
176 Clergy (2042)
177 Religious workers, N.E.C. (2049)

LAWYERS AND JUDGES

178 Lawyers (211)
179 Judges (212)

WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES

183 Authors (Pt 321)
184 Technical writers (Pt 321)
185 Designers (322)
186 Musicians and composers (323)
187 Actors and directors (324)
188 Painters, sculptors, craft-artists, and artist printmakers (325, Pt 7263)
189 Photographers (326)
193 Dancers (327)
194 Artists, performers, and related workers, N.E.C. (328, 329)
195 Editors and reporters (331)
197 Public relations specialists (332)
198 Announcers (333)
199 Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

TECHNICIANS AND RELATED SUPPORT OCCUPATIONS

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)

TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH

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 (3721)
218 Surveying and mapping technicians (3722)

SCIENCE TECHNICIANS

223 Biological technicians (382)
224 Chemical technicians (3831)
225 Science technicians, N.E.C. (3832, 3833, 384, 389)

TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE

226 Airplane pilots and navigators (645)
227 Air traffic controllers (391)
228 Broadcast equipment operators (392)
229 Computer programmers (3931, 3932)
233 Tool programmers, numerical control (3934)
234 Legal assistants (396)
235 Technicians, N.E.C. (399)

SALES OCCUPATIONS

243 Supervisors and proprietors, sales occupations (40, Pt 4518)

SALES OCCUPATIONS, BUSINESS GOODS AND SERVICES

253 Insurance sales occupations (4222)
254 Real estate sales occupations (4223)
255 Securities and financial services sales occupations (4224)
Advertising and related sales occupations (4253)
Sales occupations, other business services (4252)
Sales engineers (pt 16)
Sales representatives, mining, manufacturing, and wholesale(412, 143)

SALES OCCUPATIONS, PERSONAL GOODS AND SERVICES

Sales workers, motor vehicles and boats (4142,4144)
Sales workers, apparel (Pt 4146)
Sales workers, shoes (Pt 4146)
Sales workers, furniture and home furnishings (4148)
Sales workers, radio, television, hi-fi, and appliances (4143, 4152)
Sales workers, hardware and building supplies (4153)
Sales workers, parts (4167)
Sales workers, other commodities (4145,4147,4154,4156,4159, Pt 4162, 4169, 4259, 4665)
Sales counter clerks (Pt 4162)
Cashiers (4683)
Street and door-to-door sales workers (4163)
News vendors (4165)

SALES RELATED OCCUPATIONS

Demonstrators, promoters and models, sales (435)
Auctioneers (Pt 439)
Sales support occupations, N.E.C.(434,436,Pt439)

ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL

SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS

Supervisors, general office (4511-4514,4516,Pt 4518,4519,4529,4537)
Supervisors, computer equipment operators (4535)
Supervisors, financial records processing (4521,4536)
Chief communications operators (4515)
Supervisors, distribution, scheduling, and adjusting clerks (4522-4528)

COMPUTER EQUIPMENT OPERATORS

Computer operators (4852)
Peripheral equipment operators (4853)

SECRETARIES, STENOGRAPHERS, AND TYPISTS

Secretaries (4612)
Stenographers (4613)
Typists (4622)

INFORMATION CLERKS

Interviewers (4642)
Hotel clerks (4643)
318 Transportation ticket and reservation agents (4644)
319 Receptionists (4645)
323 Information clerks, N.E.C. (4649)

RECORDS PROCESSING OCCUPATIONS, 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)
335 File clerks (4696)
336 Records clerks (4693, 4699)

FINANCIAL RECORDS PROCESSING OCCUPATIONS

337 Bookkeepers, accounting, and auditing clerks (4712)
338 Payroll and timekeeping clerks (4713)
339 Billing clerks (4715)
343 Cost and rate clerks (4716)
344 Billing, posting, and calculating machine operators (486)

DUPLICATING, MAIL AND OTHER OFFICE MACHINE OPERATORS

345 Duplicating machine operators (4872)
346 Mail preparing and paper handling machine operators (4873)
347 Office machine operators, N.E.C. (4879)

COMMUNICATIONS EQUIPMENT OPERATORS

348 Telephone operators (4652)
349 Telegraphers (4623)
353 Communications equipment operators, N.E.C. (4659)

MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS

354 Postal clerks, Exc. mail carriers (4723)
355 Mail carriers, postal service (4733)
356 Mail clerks, Exc. postal service (4722)
357 Messengers (4732)

MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.

359 Dispatchers (4741)
363 Production coordinators (4742)
364 Traffic, shipping, and receiving clerks (4743)
365 Stock and inventory clerks (4744)
366 Meter readers (4745)
368 Weighers, measurers, and checkers (4746)
369 Samplers (4747)
373 Expeditors (4748)
374 Material recording, scheduling, and distributing clerks, N.E.C. (4749)

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)

MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS

379 General office clerks (4632)
383 Bank tellers (4682)
384 Proofreaders (4792)
385 Data-entry keyers (4624)
386 Statistical clerks (4717)
387 Teachers' aides (4695)
389 Administrative support occupations, N.E.C. (4787,4799)

SERVICE OCCUPATIONS

PRIVATE HOUSEHOLD OCCUPATIONS

403 Launderers and ironers (533)
404 Cooks, private household (534)
405 Housekeepers and butlers (535)
406 Child care workers, private household (536)
407 Private household cleaners and servants (532,537,539)

PROTECTIVE SERVICE OCCUPATIONS

SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS

413 Supervisors, firefighting and fire prevention occupations (5011)
414 Supervisors, police and detectives (5012)
415 Supervisors, guards (5013)

FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS

416 Fire inspection and fire prevention occupations (5112)
417 Firefighting occupations (4113)

POLICE AND DETECTIVES

418 Police and detectives, public service (5122)
423 Sheriffs, bailiffs, and other law enforcement officers (5124)
424 Correctional institution officers (5133)
425 Crossing guards (4132)
426 Guards and police, Exc. public service (5134)
427 Protective service occupation, N.E.C. (5139)

SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND PRIVATE HOUSEHOLD

FOOD PREPARATION AND SERVICE OCCUPATIONS

433 Supervisors, food preparation and service occupations (5021)
434 Bartenders (5212)
435  Waiters and waitresses (5213)
436  Cooks, except short order (5214)
437  Short-order cooks (5215)
438  Good counter, fountain and related occupations (5216)
439  Kitchen workers, food preparation (5217)
440  Waiters'/waitresses' assistants (5218)
441  Miscellaneous food preparation occupations (5219)

HEALTH SERVICE OCCUPATIONS

442  Dental assistants (5232)
443  Health aides, except nursing (5233)
444  Nursing aides, orderlies, and attendants (5236)

CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT PRIVATE HOUSEHOLD

445  Supervisors, cleaning and building service workers (5024)
446  Maids and housemen (5242, 5249)
447  Janitors and cleaners (5244)
448  Elevator operators (5245)
449  Pest control occupations (5246)

PERSONAL SERVICE OCCUPATIONS

450  Supervisors, personal service occupations (5025)
451  Barbers (5251)
452  Hairdressers and cosmetologists (5252)
453  Attendants, amusement and recreation facilities (5253)
454  Guides (5254)
455  Ushers (5255)
456  Public transportation attendants (5256)
457  Baggage porters and bellhops (5258)
458  Welfare service aides (5262)
459  Child care workers, except private household (5263)
460  Personal service occupations, N.E.C. (5257, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

FARM OPERATORS AND MANAGERS

461  Farmers, except horticultural (5512-5514)
462  Horticultural specialty farmers (5515)
463  Managers, farms, except horticultural (5522-5524)
464  Managers, horticultural specialty farms (5525)

OTHER AGRICULTURAL AND RELATED OCCUPATIONS

FARM OCCUPATIONS, EXCEPT MANAGERIAL

465  Supervisors, farm workers (5611)
466  Farm workers (5612-5617)
467  Marine life cultivation workers (5618)
484  Nursery workers (5619)

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)

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)

FISHERS, HUNTERS, AND TRAPPERS

497  Captains and other officers, fishing vessels (582)
498  Fishers (583)
499  Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

MECHANICS AND REPAIRERS

503  Supervisors, mechanics and repairers (66)

MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS

VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS

505  Automobile mechanics (6711)
506  Automobile mechanic apprentices (pt 6711)
507  Bus, truck, and stationary engine mechanics (6712)
508  Aircraft engine mechanics (6713)
509  Small engine repairers (6714)
514  Automobile body and related repairers (6715)
515  Aircraft mechanics, Exc. engine (6716)
516  Heavy equipment mechanics (6717)
517  Farm equipment mechanics (6718)
518  Industrial machinery repairers (673)
519  Machinery maintenance occupations (674)

ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS

523  Electronic repairers, communications and industrial equipment (6751,6753,6755)
525  Data processing equipment repairers (6754)
526  Household appliance and power tool repairers (6756)
527  Telephone line installers and repairers (6757)
529  Telephone installers and repairers (6758)
533  Miscellaneous electrical and electronic equipment repairers
534 Heating, air conditioning, and refrigeration mechanics (676)

MISCELLANEOUS MECHANICS AND REPAIRERS

535 Camera, watch, and musical instrument repairers (6771,6772)
536 Locksmiths and safe repairers (6773)
538 Office machine repairers (6774)
539 Mechanical controls and valve repairers (6775)
543 Elevator installers and repairers (6776)
544 Millwrights (6778)

547 Specified mechanics and repairers, N.E.C. (6777,6779)
549 Not specified mechanics and repairers

CONSTRUCTION TRADES

SUPERVISORS, CONSTRUCTION OCCUPATIONS

553 Supervisors brickmasons, stonemasons, and tile setters (6012)
554 Supervisors, carpenters and related workers (6013)
555 Supervisors, electricians and power transmission installers (6014)
556 Supervisors, painters, paperhangers, and plasterers (6015)
557 Supervisors, plumbers, pipefitters, and steamfitters (6016)
558 Supervisors, N.E.C. (6011,6018)

CONSTRUCTION TRADES, EXCEPT SUPERVISORS

563 Brickmasons and stonemasons (6112,6113)
564 Brickmason and stonemason apprentices (Pt 6112-6113)
565 Tile setters, hard and soft (6114, Pt 6162)
566 Carpet installers (Pt 6162)
567 Carpenters (6122)
569 Carpenter apprentices (Pt 6122)
573 Drywall installers (6124)
575 Electricians (6132)
576 Electrician apprentices (Pt 6132)
577 Electrical power installers and repairers (6133)
579 Painters, construction and maintenance (6142)
583 Paperhangers (6143)
584 Plasterers (6144)
585 Plumbers, pipefitters, and steamfitters (6150)
587 Plumber, pipefitter, and steamfitter apprentices (Pt 6150)
588 Concrete and terrazzo finishers (6163)
589 Glaziers (6164)
593 Insulation workers (6165)
594 Paving, surfacing, and tamping equipment operators (6166)
595 Roofers (6168)
596 Sheetmetal duct installers (6172)
597 Structural metal workers (6173)
598 Drillers, earth (6174)
599 Construction trades, N.E.C. (6167,6175,6176,6179)

EX extractive OCCUPATIONS
613 Supervisors, extractive occupations (602)
614 Drillers, oil well (622)
615 Explosives workers (623)
616 Mining machine operators (624)
617 Mining occupations, N.E.C. (626)

PRECISION PRODUCTION OCCUPATIONS
633 Supervisors, production occupations (Pt 711, 712)

PRECISION METAL WORKING OCCUPATIONS
634 Tool and die makers (7211)
635 Tool and die maker apprentices (Pt 7211)
636 Precision assemblers, metal (7212)
637 Machinists (7213)
639 Machinist apprentices (Pt 7213)
643 Boilermakers (7214)
644 Precision grinders, fitters, and tool sharpeners
645 Patternmakers and model makers, metal (7217)
646 Lay-out workers (7221)
647 Precious stones and metals workers (jewelers) (7222, 7266)
649 Engravers, metal (7223)
653 Sheet metal workers (7224)
654 Sheet metal worker apprentices (Pt 7224)
655 Miscellaneous precision metal workers (7229)

PRECISION WOODWORKING OCCUPATIONS
656 Patternmakers and model makers, wood (7231)
657 Cabinet makers and bench carpenters (7232)
658 Furniture and wood finishers (Pt 7234, Pt 7756)
659 Miscellaneous precision woodworkers (Pt 7234, 7239)

PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS
666 Dressmakers (7251, Pt 7752)
667 Tailors (7252)
668 Upholsterers (7253)
669 Shoe repairers (7254)
673 Apparel and fabric patternmakers (Pt 7259)
674 Miscellaneous precision apparel and fabric workers (Pt 7259, Pt 7752)

PRECISION WORKERS, ASSORTED MATERIALS
675 Hand molders and shapers, except jewelers (7261)
676 Patternmakers, lay-out workers, and cutters (7262)
677 Optical goods workers (7264, Pt 7677)
678 Dental laboratory and medical appliance technicians (7265)
679 Bookbinders (Pt 7249, Pt 7449)
683 Electrical and electronic equipment assemblers (7267)
684 Miscellaneous precision workers, N.E.C. (7269)
PRECISION FOOD PRODUCTION OCCUPATIONS

686  Butchers and meat cutters (7271)
687  Bakers (7272)
688  Food batchmakers (7273,7279)

PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS

689  Inspectors, testers, and graders (7281)
693  Adjusters and calibrators (7282)

PLANT AND SYSTEM OPERATORS

694  Water and sewage treatment plant operators (791)
695  Power plant operators (Pt 793)
696  Stationary engineers (Pt 793,7668)
699  Miscellaneous plant and system operators (792,794,795,796)

OPERATORS, FABRICATORS, AND LABORERS

MACHINE OPERATORS, ASSEMBLERS, AND inspectors

MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION

METALWORKING 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)
713  Forging machine operators (7319,7519)
714  Numerical control machine operators (7326)
715  Miscellaneous metal, plastic, stone, and glass working machine operators (7329,7529)
717  Fabricating machine operators, N.E.C. (7339,7539)

METAL AND PLASTIC PROCESSING MACHINE OPERATORS

719  Molding and casting machine operators (7315,7342,7515,7542)
723  Metal plating machine operators (7343,7543)
724  Heat treating equipment operators (7344,7544)
725  Miscellaneous metal and plastic processing machine operators (7349,7549)

WOODWORKING MACHINE OPERATORS

726  Woodlathe, routing, and planing machine operators (7431,7432,7631,7632)
727 Sawing machine operators (7433, 7633)
728 Shaping and joining machine operators (7435, 7635)
729 Nailing and tacking machine operators (7636)
733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)

PRINTING MACHINE OPERATORS

734 Printing machine operators (7443, 7643)
735 Photoengravers and lithographers (7242, 7444, 7644)
736 Typesetters and compositors (7241, 7442, 7642)
737 Miscellaneous printing machine operators (Pt 7249, Pt 7449, 7649)

TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS

738 Winding and twisting machine operators (7451, 7651)
739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
743 Textile cutting machine operators (7654)
744 Textile sewing machine operators (7655, Pt 7656)
745 Shoe machine operators (Pt 7656, Pt 7659)
747 Pressing machine operators (7657)
748 Laundering and dry cleaning machine operators (7255, 7658)
749 Miscellaneous textile machine operators (7453, 7653, Pt 7659)

MACHINE OPERATORS, ASSORTED MATERIALS

753 Cementing and gluing machine operators (7661)
754 Packaging and filling machine operators (7462, 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 (7467, 7667)
759 Painting and paint spraying machine operators (7669)
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 (7668, 7671, 7675)
768 Crushing and grinding machine operators (7477, Pt 7677)
769 Slicing and cutting machine operators (7478, 7678)
773 Motion picture projectionists (Pt 7679)
774 Photographic process machine operators (Pt 7263, Pt 7679)
777 Miscellaneous machine operators N.E.C. (7479, 7665, Pt 7679)
779 Machine operators, not specified

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 Handcutting and trimming occupations (7753)
787 Hand molding, casting, and forming occupations (7754, 7755)
789 Hand painting, coating, and decorating occupations (Pt 7756)
793 Hand engraving and printing occupations (7757)
794 Hand grinding and polishing occupations (7758)
Miscellaneous hand working occupations (7759)

Production inspectors, testers, samplers, and weighers

- Production inspectors, checkers, and examiners (782, 786, 787)
- Production testers (783)
- Production samplers and weighers (784)
- Graders and sorters, except agricultural (785)

Transportation and material moving occupations

Motor vehicle operators

- Supervisors, motor vehicle operators (6311)
- Truck drivers, heavy (6412, 6413)
- Truck drivers, light (6414)
- Driver-sales workers (433)
- Bus drivers (6415)
- Taxi cab drivers and chauffeurs (6416)
- Parking lot attendants (6417)
- Motor transportation occupations N.E.C. (6419)

Transportation occupations, except motor vehicles

Rail transportation occupations

- Railroad conductors and yardmasters (6313)
- Locomotive operating occupations (6432)
- Railroad brake, signal, and switch operators (6433)
- Rail vehicle operators, N.E.C. (6439)

Water transportation occupations

- Ship captains and mates, except fishing boats (6441, 6442)
- Sailors and deckhands (6443)
- Marine engineers (6444)
- Bridge, lock, and lighthouse tenders (6445)

Material moving equipment operators

- Supervisors, material moving equipment operators (632)
- Operating engineers (6512)
- Longshore equipment operators (6513)
- Hoist and winch operators (6514)
- Crane and tower operators (6515)
- Excavating and loading machine operators (6516)
- Grader, dozer, and scraper operators (6517)
- Industrial truck and tractor equipment operators (6519, Pt 659)
- Miscellaneous material moving equipment operators (6519, Pt 659)

Handlers, equipment cleaners, helpers, and laborers N.E.C. (Pt 711)

- Supervisors, handlers, equip. cleaners and laborers, N.E.C. (Pt 711)
- Helpers, mechanics and repairers (679)
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS

865  Helpers, construction trades (6191-6195, 6198)
866  Helpers, surveyor (6196)
867  Helpers, extractive occupations (629)
869  Construction laborers (81)
873  Production helpers (769, 779)

FREIGHT, STOCK, AND MATERIAL MOVERS

875  Garbage collectors (822)
876  Stevedores (823)
877  Stock handlers and baggers (824)
878  Machine feeders and offbearers (825)
883  Freight, stock, and material movers, hand, N.E.C. (649, 826)
885  Garage and service station related occupations (672)
887  Vehicle washers and equipment cleaners (83)
888  Hand packers and packagers (841)
889  Laborers, except construction (842, 846, Pt 659)
905  Last job Armed Forces
909  Last worked in 1974 or earlier
RECORD LAYOUT

1991-1992 Teacher Follow-up Survey
Public and Private Teacher
CD-ROM Public-Use Version

The following code provides a record layout for the CD-ROM Public-Use version of the TFS 1991-92 Public and Private Teacher data files. Some redundancy was necessary to make it as flexible as possible. With minor revisions the code can be used to create SAS and SPSS datasets or to read the data file into other software formats.

Please note that each record consists of three lines with each line having a maximum length of 1024 bytes.

The column headers are defined as follows:

VARIABLE NUMBER : Sequential order of variables on data file.
VARIABLE NAME : Name as used in related documentation.
SASS FORMAT : Formats to be used with SAS. Alpha-numerics start with '$'.
START-END POSITION: Physical location of each variable.

Decimals are included on the data file and missing values are coded as blanks.

SAS INPUT Statement: Columns 2, 3 and 4 are to be used with the SAS Input statement. (Note: All other columns have been commented out. So no edit is necessary.)

SPSS DATA LIST Command: Columns 5 and 6 can be extracted, excluding the comments /*), and used with the SPSS DATA LIST command.

<table>
<thead>
<tr>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
<th>(4)</th>
<th>(5)</th>
<th>(6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VARIABLE NUMBER</td>
<td>START POSITION</td>
<td>VARIABLE NAME</td>
<td>SASS FORMAT</td>
<td>START-END POSITION</td>
<td>SPSS DATA TYPE</td>
</tr>
<tr>
<td>/* 0001 */</td>
<td>@1</td>
<td>CNTLNUM</td>
<td>$CHAR12.</td>
<td>/* 0001 - 0012 (A)*/</td>
<td></td>
</tr>
<tr>
<td>/* 0002 */</td>
<td>@13</td>
<td>SCHCNTL</td>
<td>$CHAR12.</td>
<td>/* 0013 - 0024 (A)*/</td>
<td></td>
</tr>
<tr>
<td>/* 0003 */</td>
<td>@25</td>
<td>SURVEY</td>
<td>1.0</td>
<td>/* 0025 - 0025 */</td>
<td></td>
</tr>
<tr>
<td>/* 0004 */</td>
<td>@26</td>
<td>SECTOR</td>
<td>1.0</td>
<td>/* 0026 - 0026 */</td>
<td></td>
</tr>
<tr>
<td>/* 0005 */</td>
<td>@27</td>
<td>REGION</td>
<td>1.0</td>
<td>/* 0027 - 0027 */</td>
<td></td>
</tr>
<tr>
<td>/* 0006 */</td>
<td>@28</td>
<td>LOCALE</td>
<td>1.0</td>
<td>/* 0028 - 0028 */</td>
<td></td>
</tr>
<tr>
<td>/* 0007 */</td>
<td>@29</td>
<td>URBANIC</td>
<td>1.0</td>
<td>/* 0029 - 0029 */</td>
<td></td>
</tr>
<tr>
<td>/* 0008 */</td>
<td>@30</td>
<td>AFFIL</td>
<td>1.0</td>
<td>/* 0030 - 0030 */</td>
<td></td>
</tr>
<tr>
<td>/* 0009 */</td>
<td>@31</td>
<td>TYPOLOGY</td>
<td>1.0</td>
<td>/* 0031 - 0031 */</td>
<td></td>
</tr>
<tr>
<td>/* 0010 */</td>
<td>@32</td>
<td>TSTATUS</td>
<td>1.0</td>
<td>/* 0032 - 0032 */</td>
<td></td>
</tr>
<tr>
<td>/* 0011 */</td>
<td>@33</td>
<td>TFSWGT</td>
<td>16.9</td>
<td>/* 0033 - 0048 */</td>
<td></td>
</tr>
<tr>
<td>/* 0012 */</td>
<td>@49</td>
<td>REPWGT1</td>
<td>16.9</td>
<td>/* 0049 - 0064 */</td>
<td></td>
</tr>
<tr>
<td>/* 0013 */</td>
<td>@65</td>
<td>REPWGT2</td>
<td>16.9</td>
<td>/* 0065 - 0080 */</td>
<td></td>
</tr>
<tr>
<td>/* 0014 */</td>
<td>@81</td>
<td>REPWGT3</td>
<td>16.9</td>
<td>/* 0081 - 0096 */</td>
<td></td>
</tr>
<tr>
<td>/* 0015 */</td>
<td>@97</td>
<td>REPWGT4</td>
<td>16.9</td>
<td>/* 0097 - 0112 */</td>
<td></td>
</tr>
<tr>
<td>/* 0016 */</td>
<td>@113</td>
<td>REPWGT5</td>
<td>16.9</td>
<td>/* 0113 - 0128 */</td>
<td></td>
</tr>
<tr>
<td>@0017</td>
<td>@129</td>
<td>REPWGT6</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0018</td>
<td>@145</td>
<td>REPWGT7</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0019</td>
<td>@161</td>
<td>REPWGT8</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0020</td>
<td>@177</td>
<td>REPWGT9</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0021</td>
<td>@193</td>
<td>REPWGT10</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0022</td>
<td>@209</td>
<td>REPWGT11</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0023</td>
<td>@225</td>
<td>REPWGT12</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0024</td>
<td>@241</td>
<td>REPWGT13</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0025</td>
<td>@257</td>
<td>REPWGT14</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0026</td>
<td>@273</td>
<td>REPWGT15</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0027</td>
<td>@289</td>
<td>REPWGT16</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0028</td>
<td>@305</td>
<td>REPWGT17</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0029</td>
<td>@321</td>
<td>REPWGT18</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0030</td>
<td>@337</td>
<td>REPWGT19</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0031</td>
<td>@353</td>
<td>REPWGT20</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0032</td>
<td>@369</td>
<td>REPWGT21</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0033</td>
<td>@385</td>
<td>REPWGT22</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0034</td>
<td>@401</td>
<td>REPWGT23</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0035</td>
<td>@417</td>
<td>REPWGT24</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0036</td>
<td>@433</td>
<td>REPWGT25</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0037</td>
<td>@449</td>
<td>REPWGT26</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0038</td>
<td>@465</td>
<td>REPWGT27</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0039</td>
<td>@481</td>
<td>REPWGT28</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0040</td>
<td>@497</td>
<td>REPWGT29</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0041</td>
<td>@513</td>
<td>REPWGT30</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0042</td>
<td>@529</td>
<td>REPWGT31</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0043</td>
<td>@545</td>
<td>REPWGT32</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0044</td>
<td>@561</td>
<td>REPWGT33</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0045</td>
<td>@577</td>
<td>REPWGT34</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0046</td>
<td>@593</td>
<td>REPWGT35</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0047</td>
<td>@609</td>
<td>REPWGT36</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0048</td>
<td>@625</td>
<td>REPWGT37</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0049</td>
<td>@641</td>
<td>REPWGT38</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0050</td>
<td>@657</td>
<td>REPWGT39</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0051</td>
<td>@673</td>
<td>REPWGT40</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0052</td>
<td>@689</td>
<td>REPWGT41</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0053</td>
<td>@705</td>
<td>REPWGT42</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0054</td>
<td>@721</td>
<td>REPWGT43</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0055</td>
<td>@737</td>
<td>REPWGT44</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0056</td>
<td>@753</td>
<td>REPWGT45</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0057</td>
<td>@769</td>
<td>REPWGT46</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0058</td>
<td>@785</td>
<td>REPWGT47</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0059</td>
<td>@801</td>
<td>REPWGT48</td>
<td>16.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0060</td>
<td>@817</td>
<td>TFS001</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0061</td>
<td>@818</td>
<td>TFS002</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0062</td>
<td>@819</td>
<td>TFS003</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0063</td>
<td>@820</td>
<td>TFS004</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0064</td>
<td>@821</td>
<td>TFS005</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0065</td>
<td>@822</td>
<td>TFS006</td>
<td>3.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0066</td>
<td>@825</td>
<td>TFS007</td>
<td>3.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0067</td>
<td>@828</td>
<td>TFS008</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0068</td>
<td>@829</td>
<td>TFS009</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0069</td>
<td>@830</td>
<td>TFS010</td>
<td>16.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0070</td>
<td>@846</td>
<td>TFS011</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0071</td>
<td>@847</td>
<td>TFS012</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0072</td>
<td>@848</td>
<td>TFS013</td>
<td>2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>@0073</td>
<td>@850</td>
<td>TFS014</td>
<td>2.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
/* 0074 */ @852  TFS015    1.0        /* 0852 - 0852    */
/* 0075 */ @853  TFS016    2.0        /* 0853 - 0854    */
/* 0076 */ @855  TFS017    2.0        /* 0855 - 0856    */
/* 0077 */ @857  TFS018    1.0        /* 0857 - 0857    */
/* 0079 */ @860  TFS020    1.0        /* 0860 - 0860    */
/* 0080 */ @861  TFS021    1.0        /* 0861 - 0861    */
/* 0081 */ @862  TFS022    1.0        /* 0862 - 0862    */
/* 0082 */ @863  TFS023    2.0        /* 0863 - 0864    */
/* 0083 */ @865  TFS024    1.0        /* 0865 - 0865    */
/* 0084 */ @866  TFS025    1.0        /* 0866 - 0866    */
/* 0085 */ @867  TFS026    1.0        /* 0867 - 0867    */
/* 0086 */ @868  TFS027    1.0        /* 0868 - 0868    */
/* 0087 */ @869  TFS028    1.0        /* 0869 - 0869    */
/* 0088 */ @870  TFS029    1.0        /* 0870 - 0870    */
/* 0089 */ @871  TFS030    1.0        /* 0871 - 0871    */
/* 0090 */ @872  TFS031    1.0        /* 0872 - 0872    */
/* 0091 */ @873  TFS032    1.0        /* 0873 - 0873    */
/* 0092 */ @874  TFS033    1.0        /* 0874 - 0874    */
/* 0093 */ @875  TFS034    1.0        /* 0875 - 0875    */
/* 0094 */ @876  TFS035    1.0        /* 0876 - 0876    */
/* 0095 */ @877  TFS036    1.0        /* 0877 - 0877    */
/* 0096 */ @878  TFS037    1.0        /* 0878 - 0878    */
/* 0097 */ @879  TFS038    1.0        /* 0879 - 0879    */
/* 0098 */ @880  TFS039    2.0        /* 0880 - 0881    */
/* 0099 */ @882  TFS040    1.0        /* 0882 - 0882    */
/* 0100 */ @883  TFS041    2.0        /* 0883 - 0884    */
/* 0101 */ @885  TFS042    1.0        /* 0885 - 0885    */
/* 0102 */ @886  TFS043    2.0        /* 0886 - 0887    */
/* 0103 */ @888  TFS044    1.0        /* 0888 - 0888    */
/* 0104 */ @889  TFS045    2.0        /* 0889 - 0890    */
/* 0105 */ @891  TFS046    1.0        /* 0891 - 0891    */
/* 0106 */ @892  TFS047    2.0        /* 0892 - 0893    */
/* 0107 */ @894  TFS048    1.0        /* 0894 - 0894    */
/* 0108 */ @895  TFS049    2.0        /* 0895 - 0896    */
/* 0109 */ @897  TFS050    2.0        /* 0897 - 0898    */
/* 0110 */ @899  TFS051    2.0        /* 0899 - 0900    */
/* 0111 */ @901  TFS052    2.0        /* 0901 - 0902    */
/* 0112 */ @903  TFS053    1.0        /* 0903 - 0903    */
/* 0113 */ @904  TFS054    1.0        /* 0904 - 0904    */
/* 0114 */ @905  TFS055    1.0        /* 0905 - 0905    */
/* 0115 */ @906  TFS056    1.0        /* 0906 - 0906    */
/* 0116 */ @907  TFS057    1.0        /* 0907 - 0907    */
/* 0117 */ @908  TFS058    1.0        /* 0908 - 0908    */
/* 0118 */ @909  TFS059    1.0        /* 0909 - 0909    */
/* 0119 */ @910  TFS060    1.0        /* 0910 - 0910    */
/* 0120 */ @911  TFS061    1.0        /* 0911 - 0911    */
/* 0121 */ @912  TFS062    1.0        /* 0912 - 0912    */
/* 0122 */ @913  TFS063    1.0        /* 0913 - 0913    */
/* 0123 */ @914  TFS064    1.0        /* 0914 - 0914    */
/* 0124 */ @915  TFS065    1.0        /* 0915 - 0915    */
/* 0125 */ @916  TFS066    1.0        /* 0916 - 0916    */
/* 0126 */ @917  TFS067    1.0        /* 0917 - 0917    */
/* 0127 */ @918  TFS068    1.0        /* 0918 - 0918    */
/* 0128 */ @919  TFS069    1.0        /* 0919 - 0919    */
/* 0129 */ @920  TFS070    1.0        /* 0920 - 0920    */
/* 0130 */ @921  TFS071    1.0        /* 0921 - 0921    */
/* 0131 */ @922  TFS072  1.0 /* 0922 - 0922 */
/* 0132 */ @923  TFS073  1.0 /* 0923 - 0923 */
/* 0133 */ @924  TFS074  1.0 /* 0924 - 0924 */
/* 0134 */ @925  TFS075  1.0 /* 0925 - 0925 */
/* 0135 */ @926  TFS076  1.0 /* 0926 - 0926 */
/* 0136 */ @927  TFS077  1.0 /* 0927 - 0927 */
/* 0137 */ @928  TFS078  1.0 /* 0928 - 0928 */
/* 0138 */ @929  TFS079  1.0 /* 0929 - 0929 */
/* 0139 */ @930  TFS080  1.0 /* 0930 - 0930 */
/* 0140 */ @931  TFS081  1.0 /* 0931 - 0931 */
/* 0141 */ @932  TFS082  1.0 /* 0932 - 0932 */
/* 0142 */ @933  TFS083  1.0 /* 0933 - 0933 */
/* 0143 */ @934  TFS084  1.0 /* 0934 - 0934 */
/* 0144 */ @935  TFS085  1.0 /* 0935 - 0935 */
/* 0145 */ @936  TFS086  2.0 /* 0936 - 0937 */
/* 0146 */ @938  TFS087  1.0 /* 0938 - 0938 */
/* 0147 */ @939  TFS088  1.0 /* 0939 - 0939 */
/* 0148 */ @940  TFS089  2.0 /* 0940 - 0941 */
/* 0149 */ @942  TFS090  1.0 /* 0942 - 0942 */
/* 0150 */ @943  TFS091  1.0 /* 0943 - 0943 */
/* 0151 */ @944  TFS092  1.0 /* 0944 - 0944 */
/* 0152 */ @945  TFS104  1.0 /* 0945 - 0945 */
/* 0153 */ @946  TFS105  1.0 /* 0946 - 0946 */
/* 0154 */ @947  TFS106  1.0 /* 0947 - 0947 */
/* 0155 */ @948  TFS107  1.0 /* 0948 - 0948 */
/* 0156 */ @949  TFS108  1.0 /* 0949 - 0949 */
/* 0157 */ @950  TFS109  1.0 /* 0950 - 0950 */
/* 0158 */ @951  TFS110  1.0 /* 0951 - 0951 */
/* 0159 */ @952  TFS111  2.0 /* 0952 - 0953 */
/* 0160 */ @954  TFS112  1.0 /* 0954 - 0954 */
/* 0161 */ @955  TFS113  1.0 /* 0955 - 0955 */
/* 0162 */ @956  TFS114  2.0 /* 0956 - 0957 */
/* 0163 */ @958  TFS115  1.0 /* 0958 - 0958 */
/* 0164 */ @959  TFS116  1.0 /* 0959 - 0959 */
/* 0165 */ @960  TFS117  1.0 /* 0960 - 0960 */
/* 0166 */ @961  TFS118  1.0 /* 0961 - 0961 */
/* 0167 */ @962  TFS119  1.0 /* 0962 - 0962 */
/* 0168 */ @963  TFS120  1.0 /* 0963 - 0963 */
/* 0169 */ @964  TFS121  1.0 /* 0964 - 0964 */
/* 0170 */ @965  TFS122  1.0 /* 0965 - 0965 */
/* 0171 */ @966  TFS123  1.0 /* 0966 - 0966 */
/* 0172 */ @967  TFS124  1.0 /* 0967 - 0967 */
/* 0173 */ @968  TFS125  1.0 /* 0968 - 0968 */
/* 0174 */ @969  TFS126  1.0 /* 0969 - 0969 */
/* 0175 */ @970  TFS127  1.0 /* 0970 - 0970 */
/* 0176 */ @971  TFS128  1.0 /* 0971 - 0971 */
/* 0177 */ @972  TFS129  1.0 /* 0972 - 0972 */
/* 0178 */ @973  TFS130  1.0 /* 0973 - 0973 */
/* 0179 */ @974  TFS131  1.0 /* 0974 - 0974 */
/* 0180 */ @975  TFS132  1.0 /* 0975 - 0975 */
/* 0181 */ @976  TFS133  1.0 /* 0976 - 0976 */
/* 0182 */ @977  TFS134  1.0 /* 0977 - 0977 */
/* 0183 */ @978  TFS135  1.0 /* 0978 - 0978 */
/* 0184 */ @979  TFS136  1.0 /* 0979 - 0979 */
/* 0185 */ @980  TFS138  1.0 /* 0980 - 0980 */
/* 0186 */ @981  TFS139  1.0 /* 0981 - 0981 */
/* 0187 */ @982  TFS141  1.0 /* 0982 - 0982 */
@983  TFS142    1.0          /* 0983 - 0983    */
@984  TFS143    1.0          /* 0984 - 0984    */
@985  TFS144    1.0          /* 0985 - 0985    */
@986  TFS145    1.0          /* 0986 - 0986    */
@987  TFS146    1.0          /* 0987 - 0987    */
@988  TFS147    2.0          /* 0988 - 0988    */
@989  TFS148    1.0          /* 0989 - 0989    */
@990  TFS149    2.0          /* 0990 - 0991    */
@992  TFS150    1.0          /* 0992 - 0992    */
@993  TFS151    2.0          /* 0993 - 0994    */
@995  TFS152    1.0          /* 0995 - 0995    */
@996  TFS153    2.0          /* 0996 - 0997    */
@997  TFS154    1.0          /* 0998 - 0998    */
@998  TFS155    2.0          /* 0999 - 1000    */
@1001 TFS156    2.0          /* 1001 - 1002    */
@1003 TFS157    1.0          /* 1003 - 1003    */
@1004 TFS158    2.0          /* 1004 - 1005    */
@1006 TFS159    1.0          /* 1006 - 1006    */
@1007 TFS160    1.0          /* 1007 - 1007    */
@1008 TFS161    1.0          /* 1008 - 1008    */
@1009 TFS162    2.0          /* 1009 - 1010    */
@1011 TFS163    1.0          /* 1011 - 1011    */
@1012 TFS164    1.0          /* 1012 - 1012    */
@1013 TFS165    2.0          /* 1013 - 1014    */
@1015 TFS166    2.0          /* 1015 - 1016    */
@1017 TFS167    2.0          /* 1017 - 1018    */
@1019 TFS168    2.0          /* 1019 - 1020    */
@1021 TFS169    2.0          /* 1021 - 1022    */
@1023 TFS170    1.0          /* 1023 - 1023    */
@1024 TFS171    1.0          /* 1024 - 1024    */
@1   CNTLNUM  $CHAR12.     /* 0001 - 0012 (A)*/
@13  TFS172    1.0          /* 0013 - 0013    */
@14  TFS173    1.0          /* 0014 - 0014    */
@15  TFS174    1.0          /* 0015 - 0015    */
@16  TFS175    1.0          /* 0016 - 0016    */
@17  TFS176    1.0          /* 0017 - 0017    */
@18  TFS177    1.0          /* 0018 - 0018    */
@19  TFS178    1.0          /* 0019 - 0019    */
@20  TFS179    1.0          /* 0020 - 0020    */
@21  TFS180    1.0          /* 0021 - 0021    */
@22  TFS181    1.0          /* 0022 - 0022    */
@23  TFS182    1.0          /* 0023 - 0023    */
@24  TFS183    1.0          /* 0024 - 0024    */
@25  TFS184    1.0          /* 0025 - 0025    */
@26  TFS185    1.0          /* 0026 - 0026    */
@27  TFS186    1.0          /* 0027 - 0027    */
@28  TFS187    1.0          /* 0028 - 0028    */
@29  TFS188    1.0          /* 0029 - 0029    */
@30  TFS189    1.0          /* 0030 - 0030    */
@31  TFS190    1.0          /* 0031 - 0031    */
@32  TFS191    1.0          /* 0032 - 0032    */
@33  TFS192    1.0          /* 0033 - 0033    */
@34  TFS193    5.0          /* 0034 - 0038    */
@39  TFS194    1.0          /* 0039 - 0039    */
@40  TFS195    5.0          /* 0040 - 0044    */
@45  TFS196    1.0          /* 0045 - 0045    */
@46  TFS197    5.0          /* 0046 - 0050    */
/* 0301 */   @145   TSC043    1.0          /* 0145 - 0145    */
/* 0302 */   @146   TSC044    2.0          /* 0146 - 0147    */
/* 0303 */   @148   TSC045    1.0          /* 0148 - 0148    */
/* 0304 */   @149   TSC046    2.0          /* 0149 - 0150    */
/* 0305 */   @151   TSC047    2.0          /* 0151 - 0152    */
/* 0306 */   @154   TSC048    1.0          /* 0154 - 0154    */
/* 0307 */   @155   TSC049    1.0          /* 0155 - 0156    */
/* 0308 */   @157   TSC050    2.0          /* 0157 - 0158    */
/* 0309 */   @159   TSC051    2.0          /* 0159 - 0159    */
/* 0310 */   @160   TSC052    1.0          /* 0160 - 0161    */
/* 0311 */   @162   TSC053    2.0          /* 0162 - 0163    */
/* 0312 */   @164   TSC054    2.0          /* 0164 - 0164    */
/* 0313 */   @165   TSC055    1.0          /* 0165 - 0166    */
/* 0314 */   @167   TSC056    2.0          /* 0167 - 0168    */
/* 0315 */   @169   TSC057    2.0          /* 0169 - 0170    */
/* 0316 */   @171   TSC058    1.0          /* 0171 - 0171    */
/* 0317 */   @172   TSC059    1.0          /* 0172 - 0172    */
/* 0318 */   @173   TSC060    1.0          /* 0173 - 0174    */
/* 0319 */   @175   TSC061    1.0          /* 0175 - 0175    */
/* 0320 */   @176   TSC062    1.0          /* 0176 - 0176    */
/* 0321 */   @178   TSC063    1.0          /* 0178 - 0178    */
/* 0322 */   @179   TSC064    1.0          /* 0179 - 0179    */
/* 0323 */   @180   TSC065    1.0          /* 0180 - 0180    */
/* 0324 */   @181   TSC066    1.0          /* 0181 - 0181    */
/* 0325 */   @182   TSC067    2.0          /* 0182 - 0183    */
/* 0326 */   @184   TSC068    1.0          /* 0184 - 0184    */
/* 0327 */   @185   TSC069    2.0          /* 0185 - 0186    */
/* 0328 */   @187   TSC070    1.0          /* 0187 - 0187    */
/* 0329 */   @188   TSC071    2.0          /* 0188 - 0189    */
/* 0330 */   @189   TSC072    1.0          /* 0189 - 0190    */
/* 0331 */   @190   TSC073    2.0          /* 0190 - 0191    */
/* 0332 */   @192   TSC074    1.0          /* 0192 - 0192    */
/* 0333 */   @193   TSC075    1.0          /* 0193 - 0193    */
/* 0334 */   @194   TSC076    1.0          /* 0194 - 0194    */
/* 0335 */   @195   TSC077    2.0          /* 0195 - 0196    */
/* 0336 */   @197   TSC078    2.0          /* 0197 - 0198    */
/* 0337 */   @199   TSC079    2.0          /* 0199 - 0200    */
/* 0338 */   @200   TSC080    1.0          /* 0200 - 0201    */
/* 0339 */   @202   TSC081    2.0          /* 0202 - 0203    */
/* 0340 */   @204   TSC082    1.0          /* 0204 - 0204    */
/* 0341 */   @205   TSC083    2.0          /* 0205 - 0206    */
/* 0342 */   @207   TSC084    2.0          /* 0207 - 0208    */
/* 0343 */   @209   TSC085    2.0          /* 0209 - 0209    */
/* 0344 */   @210   TSC086    1.0          /* 0210 - 0211    */
/* 0345 */   @212   TSC087    2.0          /* 0212 - 0213    */
/* 0346 */   @214   TSC088    1.0          /* 0214 - 0214    */
/* 0347 */   @215   TSC089    2.0          /* 0215 - 0216    */
/* 0348 */   @217   TSC090    2.0          /* 0217 - 0218    */
/* 0349 */   @219   TSC091    1.0          /* 0219 - 0219    */
/* 0350 */   @220   TSC092    2.0          /* 0220 - 0221    */
/* 0351 */   @222   TSC093    2.0          /* 0222 - 0223    */
/* 0352 */   @224   TSC094    1.0          /* 0224 - 0224    */
/* 0353 */   @225   TSC095    2.0          /* 0225 - 0226    */
/* 0354 */   @227   TSC096    2.0          /* 0227 - 0228    */
/* 0355 */   @229   TSC097    1.0          /* 0229 - 0229    */
/* 0356 */   @230   TSC098    1.0          /* 0230 - 0230    */
<table>
<thead>
<tr>
<th>Line</th>
<th>@</th>
<th>TSC</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0358</td>
<td>@231</td>
<td>TSC100</td>
<td>1.0</td>
</tr>
<tr>
<td>0359</td>
<td>@232</td>
<td>TSC101</td>
<td>1.0</td>
</tr>
<tr>
<td>0360</td>
<td>@233</td>
<td>TSC102</td>
<td>1.0</td>
</tr>
<tr>
<td>0361</td>
<td>@234</td>
<td>TSC103</td>
<td>2.0</td>
</tr>
<tr>
<td>0362</td>
<td>@236</td>
<td>TSC104</td>
<td>1.0</td>
</tr>
<tr>
<td>0363</td>
<td>@237</td>
<td>TSC105</td>
<td>1.0</td>
</tr>
<tr>
<td>0364</td>
<td>@238</td>
<td>TSC106</td>
<td>2.0</td>
</tr>
<tr>
<td>0365</td>
<td>@240</td>
<td>TSC107</td>
<td>1.0</td>
</tr>
<tr>
<td>0366</td>
<td>@241</td>
<td>TSC108</td>
<td>1.0</td>
</tr>
<tr>
<td>0367</td>
<td>@242</td>
<td>TSC109</td>
<td>1.0</td>
</tr>
<tr>
<td>0368</td>
<td>@243</td>
<td>TSC110</td>
<td>1.0</td>
</tr>
<tr>
<td>0369</td>
<td>@244</td>
<td>TSC111</td>
<td>1.0</td>
</tr>
<tr>
<td>0370</td>
<td>@245</td>
<td>TSC112</td>
<td>1.0</td>
</tr>
<tr>
<td>0371</td>
<td>@246</td>
<td>TSC113</td>
<td>1.0</td>
</tr>
<tr>
<td>0372</td>
<td>@247</td>
<td>TSC114</td>
<td>1.0</td>
</tr>
<tr>
<td>0373</td>
<td>@248</td>
<td>TSC115</td>
<td>1.0</td>
</tr>
<tr>
<td>0374</td>
<td>@249</td>
<td>TSC116</td>
<td>1.0</td>
</tr>
<tr>
<td>0375</td>
<td>@250</td>
<td>TSC117</td>
<td>1.0</td>
</tr>
<tr>
<td>0376</td>
<td>@251</td>
<td>TSC118</td>
<td>1.0</td>
</tr>
<tr>
<td>0377</td>
<td>@252</td>
<td>TSC119</td>
<td>1.0</td>
</tr>
<tr>
<td>0378</td>
<td>@253</td>
<td>TSC120</td>
<td>1.0</td>
</tr>
<tr>
<td>0379</td>
<td>@254</td>
<td>TSC121</td>
<td>1.0</td>
</tr>
<tr>
<td>0380</td>
<td>@255</td>
<td>TSC122</td>
<td>1.0</td>
</tr>
<tr>
<td>0381</td>
<td>@256</td>
<td>TSC123</td>
<td>1.0</td>
</tr>
<tr>
<td>0382</td>
<td>@257</td>
<td>TSC124</td>
<td>1.0</td>
</tr>
<tr>
<td>0383</td>
<td>@258</td>
<td>TSC125</td>
<td>1.0</td>
</tr>
<tr>
<td>0384</td>
<td>@259</td>
<td>TSC126</td>
<td>1.0</td>
</tr>
<tr>
<td>0385</td>
<td>@260</td>
<td>TSC127</td>
<td>1.0</td>
</tr>
<tr>
<td>0386</td>
<td>@261</td>
<td>TSC128</td>
<td>1.0</td>
</tr>
<tr>
<td>0387</td>
<td>@262</td>
<td>TSC129</td>
<td>3.0</td>
</tr>
<tr>
<td>0388</td>
<td>@265</td>
<td>TSC130</td>
<td>2.0</td>
</tr>
<tr>
<td>0389</td>
<td>@267</td>
<td>TSC131</td>
<td>2.0</td>
</tr>
<tr>
<td>0390</td>
<td>@269</td>
<td>TSC132</td>
<td>2.0</td>
</tr>
<tr>
<td>0391</td>
<td>@271</td>
<td>TSC133</td>
<td>2.0</td>
</tr>
<tr>
<td>0392</td>
<td>@273</td>
<td>TSC134</td>
<td>1.0</td>
</tr>
<tr>
<td>0393</td>
<td>@274</td>
<td>TSC135</td>
<td>1.0</td>
</tr>
<tr>
<td>0394</td>
<td>@275</td>
<td>TSC136</td>
<td>2.0</td>
</tr>
<tr>
<td>0395</td>
<td>@277</td>
<td>TSC137</td>
<td>2.0</td>
</tr>
<tr>
<td>0396</td>
<td>@279</td>
<td>TSC138</td>
<td>1.0</td>
</tr>
<tr>
<td>0397</td>
<td>@280</td>
<td>TSC139</td>
<td>2.0</td>
</tr>
<tr>
<td>0398</td>
<td>@282</td>
<td>TSC140</td>
<td>2.0</td>
</tr>
<tr>
<td>0399</td>
<td>@284</td>
<td>TSC141</td>
<td>2.0</td>
</tr>
<tr>
<td>0400</td>
<td>@286</td>
<td>TSC142</td>
<td>2.0</td>
</tr>
<tr>
<td>0401</td>
<td>@288</td>
<td>TSC143</td>
<td>1.0</td>
</tr>
<tr>
<td>0402</td>
<td>@289</td>
<td>TSC144</td>
<td>1.0</td>
</tr>
<tr>
<td>0403</td>
<td>@290</td>
<td>TSC145</td>
<td>2.0</td>
</tr>
<tr>
<td>0404</td>
<td>@292</td>
<td>TSC146</td>
<td>1.0</td>
</tr>
<tr>
<td>0405</td>
<td>@293</td>
<td>TSC147</td>
<td>2.0</td>
</tr>
<tr>
<td>0406</td>
<td>@295</td>
<td>TSC148</td>
<td>2.0</td>
</tr>
<tr>
<td>0407</td>
<td>@297</td>
<td>TSC149</td>
<td>2.0</td>
</tr>
<tr>
<td>0408</td>
<td>@299</td>
<td>TSC150</td>
<td>2.0</td>
</tr>
<tr>
<td>0409</td>
<td>@301</td>
<td>TSC151</td>
<td>1.0</td>
</tr>
<tr>
<td>0410</td>
<td>@302</td>
<td>TSC152</td>
<td>1.0</td>
</tr>
<tr>
<td>0411</td>
<td>@303</td>
<td>TSC153</td>
<td>2.0</td>
</tr>
<tr>
<td>0412</td>
<td>@305</td>
<td>TSC154</td>
<td>1.0</td>
</tr>
<tr>
<td>0413</td>
<td>@306</td>
<td>TSC155</td>
<td>2.0</td>
</tr>
<tr>
<td>0414</td>
<td>@308</td>
<td>TSC156</td>
<td>2.0</td>
</tr>
</tbody>
</table>
/* 0415 */ @310 TSC157 2.0 /* 0310 - 0311 */
/* 0416 */ @312 TSC158 2.0 /* 0312 - 0313 */
/* 0417 */ @314 TSC159 1.0 /* 0314 - 0314 */
/* 0418 */ @316 TSC160 1.0 /* 0316 - 0317 */
/* 0419 */ @318 TSC162 1.0 /* 0318 - 0318 */
/* 0420 */ @319 TSC163 2.0 /* 0319 - 0320 */
/* 0421 */ @321 TSC164 2.0 /* 0321 - 0322 */
/* 0422 */ @323 TSC165 2.0 /* 0323 - 0324 */
/* 0423 */ @325 TSC166 2.0 /* 0325 - 0326 */
/* 0424 */ @327 TSC167 1.0 /* 0327 - 0327 */
/* 0425 */ @328 TSC168 1.0 /* 0328 - 0328 */
/* 0426 */ @329 TSC169 2.0 /* 0329 - 0330 */
/* 0428 */ @331 TSC170 1.0 /* 0331 - 0331 */
/* 0429 */ @332 TSC171 2.0 /* 0332 - 0333 */
/* 0430 */ @334 TSC172 2.0 /* 0334 - 0335 */
/* 0431 */ @336 TSC173 2.0 /* 0336 - 0337 */
/* 0432 */ @338 TSC174 2.0 /* 0338 - 0339 */
/* 0433 */ @340 TSC175 1.0 /* 0340 - 0340 */
/* 0434 */ @341 TSC176 1.0 /* 0341 - 0341 */
/* 0435 */ @342 TSC177 2.0 /* 0342 - 0343 */
/* 0436 */ @344 TSC178 1.0 /* 0344 - 0344 */
/* 0437 */ @345 TSC179 2.0 /* 0345 - 0346 */
/* 0438 */ @347 TSC180 2.0 /* 0347 - 0348 */
/* 0439 */ @349 TSC181 2.0 /* 0349 - 0350 */
/* 0440 */ @351 TSC182 2.0 /* 0351 - 0352 */
/* 0441 */ @353 TSC183 1.0 /* 0353 - 0353 */
/* 0442 */ @354 TSC184 1.0 /* 0354 - 0354 */
/* 0443 */ @355 TSC185 2.0 /* 0355 - 0356 */
/* 0444 */ @357 TSC186 1.0 /* 0357 - 0357 */
/* 0445 */ @358 TSC187 2.0 /* 0358 - 0359 */
/* 0446 */ @360 TSC188 2.0 /* 0360 - 0361 */
/* 0447 */ @362 TSC189 2.0 /* 0362 - 0363 */
/* 0448 */ @364 TSC190 2.0 /* 0364 - 0365 */
/* 0449 */ @366 TSC191 1.0 /* 0366 - 0366 */
/* 0450 */ @367 TSC192 1.0 /* 0367 - 0367 */
/* 0451 */ @368 TSC193 2.0 /* 0368 - 0369 */
/* 0452 */ @370 TSC194 1.0 /* 0370 - 0370 */
/* 0453 */ @371 TSC195 2.0 /* 0371 - 0372 */
/* 0454 */ @373 TSC196 2.0 /* 0373 - 0374 */
/* 0455 */ @375 TSC197 2.0 /* 0375 - 0376 */
/* 0456 */ @377 TSC198 2.0 /* 0377 - 0378 */
/* 0457 */ @379 TSC199 1.0 /* 0379 - 0379 */
/* 0458 */ @380 TSC200 1.0 /* 0380 - 0380 */
/* 0459 */ @381 TSC201 2.0 /* 0381 - 0382 */
/* 0460 */ @383 TSC202 1.0 /* 0383 - 0383 */
/* 0461 */ @384 TSC203 2.0 /* 0384 - 0385 */
/* 0462 */ @386 TSC204 2.0 /* 0386 - 0387 */
/* 0463 */ @388 TSC205 2.0 /* 0388 - 0389 */
/* 0464 */ @390 TSC206 2.0 /* 0390 - 0391 */
/* 0465 */ @392 TSC207 1.0 /* 0392 - 0392 */
/* 0466 */ @393 TSC208 1.0 /* 0393 - 0393 */
/* 0467 */ @394 TSC209 2.0 /* 0394 - 0395 */
/* 0468 */ @396 TSC210 1.0 /* 0396 - 0396 */
/* 0469 */ @397 TSC211 2.0 /* 0397 - 0398 */
/* 0470 */ @399 TSC212 2.0 /* 0399 - 0400 */
/* 0471 */ @401 TSC213 2.0 /* 0401 - 0402 */
/* 0472 */ @403  TSC214  2.0 /* 0403 - 0404 */
/* 0473 */ @405  TSC215  1.0 /* 0405 - 0405 */
/* 0474 */ @406  TSC216  1.0 /* 0406 - 0406 */
/* 0475 */ @407  TSC217  4.0 /* 0407 - 0410 */
/* 0476 */ @411  TSC218  1.0 /* 0411 - 0411 */
/* 0477 */ @412  TSC219  2.0 /* 0412 - 0413 */
/* 0478 */ @414  TSC220  2.0 /* 0414 - 0415 */
/* 0479 */ @416  TSC221  2.0 /* 0416 - 0417 */
/* 0480 */ @418  TSC222  1.0 /* 0418 - 0418 */
/* 0481 */ @419  TSC223  1.0 /* 0419 - 0419 */
/* 0482 */ @420  TSC224  1.0 /* 0420 - 0420 */
/* 0483 */ @421  TSC225  1.0 /* 0421 - 0421 */
/* 0484 */ @422  TSC226  1.0 /* 0422 - 0422 */
/* 0485 */ @423  TSC227  1.0 /* 0423 - 0423 */
/* 0486 */ @424  TSC228  1.0 /* 0424 - 0424 */
/* 0487 */ @425  TSC229  1.0 /* 0425 - 0425 */
/* 0488 */ @426  TSC230  1.0 /* 0426 - 0426 */
/* 0489 */ @427  TSC231  1.0 /* 0427 - 0427 */
/* 0490 */ @428  TSC232  1.0 /* 0428 - 0428 */
/* 0491 */ @429  TSC233  1.0 /* 0429 - 0429 */
/* 0492 */ @430  TSC234  1.0 /* 0430 - 0430 */
/* 0493 */ @431  TSC235  1.0 /* 0431 - 0431 */
/* 0494 */ @432  TSC236  1.0 /* 0432 - 0432 */
/* 0495 */ @433  TSC237  1.0 /* 0433 - 0433 */
/* 0496 */ @434  TSC238  1.0 /* 0434 - 0434 */
/* 0497 */ @435  TSC239  1.0 /* 0435 - 0435 */
/* 0498 */ @436  TSC240  1.0 /* 0436 - 0436 */
/* 0499 */ @437  TSC241  1.0 /* 0437 - 0437 */
/* 0500 */ @438  TSC242  1.0 /* 0438 - 0438 */
/* 0501 */ @439  TSC243  1.0 /* 0439 - 0439 */
/* 0502 */ @440  TSC244  1.0 /* 0440 - 0440 */
/* 0503 */ @441  TSC245  1.0 /* 0441 - 0441 */
/* 0504 */ @442  TSC246  1.0 /* 0442 - 0442 */
/* 0505 */ @443  TSC247  1.0 /* 0443 - 0443 */
/* 0506 */ @444  TSC248  1.0 /* 0444 - 0444 */
/* 0507 */ @445  TSC249  1.0 /* 0445 - 0445 */
/* 0508 */ @446  TSC250  1.0 /* 0446 - 0446 */
/* 0509 */ @447  TSC251  1.0 /* 0447 - 0447 */
/* 0510 */ @448  TSC252  1.0 /* 0448 - 0448 */
/* 0511 */ @449  TSC253  1.0 /* 0449 - 0449 */
/* 0512 */ @450  TSC254  1.0 /* 0450 - 0450 */
/* 0513 */ @451  TSC255  1.0 /* 0451 - 0451 */
/* 0514 */ @452  TSC256  1.0 /* 0452 - 0452 */
/* 0515 */ @453  TSC257  1.0 /* 0453 - 0453 */
/* 0516 */ @454  TSC258  1.0 /* 0454 - 0454 */
/* 0517 */ @455  TSC259  1.0 /* 0455 - 0455 */
/* 0518 */ @456  TSC260  1.0 /* 0456 - 0456 */
/* 0519 */ @457  TSC261  1.0 /* 0457 - 0457 */
/* 0520 */ @458  TSC262  1.0 /* 0458 - 0458 */
/* 0521 */ @459  TSC263  1.0 /* 0459 - 0459 */
/* 0522 */ @460  TSC264  1.0 /* 0460 - 0460 */
/* 0523 */ @461  TSC265  1.0 /* 0461 - 0461 */
/* 0524 */ @462  TSC266  1.0 /* 0462 - 0462 */
/* 0525 */ @463  TSC267  1.0 /* 0463 - 0463 */
/* 0526 */ @464  TSC268  1.0 /* 0464 - 0464 */
/* 0527 */ @465  TSC269  1.0 /* 0465 - 0465 */
/* 0528 */ @466  TSC270  1.0 /* 0466 - 0466 */
| @467   | TSC271    | 1.0          | /* 0467 - 0467    */ |
| @468   | TSC272    | 1.0          | /* 0468 - 0468    */ |
| @469   | TSC273    | 1.0          | /* 0469 - 0469    */ |
| @470   | TSC274    | 1.0          | /* 0470 - 0470    */ |
| @471   | TSC275    | 1.0          | /* 0471 - 0471    */ |
| @472   | TSC276    | 1.0          | /* 0472 - 0472    */ |
| @473   | TSC277    | 2.0          | /* 0473 - 0474    */ |
| @475   | TSC278    | 2.0          | /* 0475 - 0476    */ |
| @477   | TSC279    | 2.0          | /* 0477 - 0478    */ |
| @479   | TSC280    | 1.0          | /* 0479 - 0479    */ |
| @480   | TSC281    | 1.0          | /* 0480 - 0480    */ |
| @481   | TSC282    | 1.0          | /* 0481 - 0481    */ |
| @483   | TSC284    | 1.0          | /* 0483 - 0483    */ |
| @484   | TSC285    | 1.0          | /* 0484 - 0484    */ |
| @485   | TSC286    | 1.0          | /* 0485 - 0485    */ |
| @486   | TSC287    | 5.0          | /* 0486 - 0490    */ |
| @491   | TSC288    | 1.0          | /* 0491 - 0491    */ |
| @492   | TSC289    | 5.0          | /* 0492 - 0496    */ |
| @497   | TSC290    | 1.0          | /* 0497 - 0497    */ |
| @498   | TSC291    | 5.0          | /* 0498 - 0502    */ |
| @503   | TSC292    | 1.0          | /* 0503 - 0503    */ |
| @504   | TSC293    | 1.0          | /* 0504 - 0504    */ |
| @505   | TSC294    | 5.0          | /* 0505 - 0509    */ |
| @510   | TSC295    | 1.0          | /* 0510 - 0510    */ |
| @511   | TSC296    | 5.0          | /* 0511 - 0515    */ |
| @516   | TSC297    | 1.0          | /* 0516 - 0516    */ |
| @517   | TSC298    | 1.0          | /* 0517 - 0517    */ |
| @518   | TSC299    | 5.0          | /* 0518 - 0522    */ |
| @523   | TSC300    | 6.0          | /* 0523 - 0528    */ |
| @529   | CONTRSVC  | 1.0          | /* 0529 - 0529    */ |
| @530   | HOUSEXPS  | 1.0          | /* 0530 - 0530    */ |
| @531   | MEALS     | 1.0          | /* 0531 - 0531    */ |
| @532   | TUITION   | 1.0          | /* 0532 - 0532    */ |
| @533   | CHILDCARE | 1.0          | /* 0533 - 0533    */ |
| @534   | COLLEGE   | 1.0          | /* 0534 - 0534    */ |
| @535   | TRANSPT   | 1.0          | /* 0535 - 0535    */ |
| @536   | NONE      | 1.0          | /* 0536 - 0536    */ |
| @537   | FAMLYINC  | 2.0          | /* 0537 - 0538    */ |
| @539   | SEX       | 1.0          | /* 0539 - 0539    */ |
| @540   | RACE      | 1.0          | /* 0540 - 0540    */ |
| @541   | TRIBE     | 1.0          | /* 0541 - 0541    */ |
| @542   | HISPANIC  | 1.0          | /* 0542 - 0542    */ |
| @543   | MARITAL   | 1.0          | /* 0543 - 0543    */ |
| @544   | DEPCHLDN  | 2.0          | /* 0544 - 0545    */ |
| @546   | AGEYOUNG  | 2.0          | /* 0546 - 0547    */ |
| @548   | OTHERDEP  | 1.0          | /* 0548 - 0548    */ |
| @549   | DEPCOUNT  | 1.0          | /* 0549 - 0549    */ |
| @550   | TBIL      | 1.0          | /* 0550 - 0550    */ |
| @551   | TNEW      | 1.0          | /* 0551 - 0551    */ |
| @552   | TSTAT     | 1.0          | /* 0552 - 0552    */ |
| @553   | TSUBJ     | 1.0          | /* 0553 - 0553    */ |
| @554   | FPSTATUS  | 1.0          | /* 0554 - 0554    */ |
| @555   | FPTIME    | 1.0          | /* 0556 - 0556    */ |
| @556   | STEAEXP   | 1.0          | /* 0557 - 0557    */ |
| @558   | STEALEV   | 1.0          | /* 0558 - 0558    */ |
/* 0643 */ @626   FTFS047   1.0          /* 0626 - 0626    */
/* 0644 */ @627   FTFS048   1.0          /* 0627 - 0627    */
/* 0645 */ @628   FTFS049   1.0          /* 0628 - 0628    */
/* 0646 */ @629   FTFS050   1.0          /* 0629 - 0629    */
/* 0647 */ @630   FTFS051   1.0          /* 0630 - 0630    */
/* 0648 */ @631   FTFS052   1.0          /* 0631 - 0631    */
/* 0649 */ @632   FTFS053   1.0          /* 0632 - 0632    */
/* 0650 */ @633   FTFS054   1.0          /* 0633 - 0633    */
/* 0651 */ @634   FTFS055   1.0          /* 0634 - 0634    */
/* 0652 */ @635   FTFS056   1.0          /* 0635 - 0635    */
/* 0653 */ @636   FTFS057   1.0          /* 0636 - 0636    */
/* 0654 */ @637   FTFS058   1.0          /* 0637 - 0637    */
/* 0655 */ @638   FTFS059   1.0          /* 0638 - 0638    */
/* 0656 */ @639   FTFS060   1.0          /* 0639 - 0639    */
/* 0657 */ @640   FTFS061   1.0          /* 0640 - 0640    */
/* 0658 */ @641   FTFS062   1.0          /* 0641 - 0641    */
/* 0659 */ @642   FTFS063   1.0          /* 0642 - 0642    */
/* 0660 */ @643   FTFS064   1.0          /* 0643 - 0643    */
/* 0661 */ @644   FTFS065   1.0          /* 0644 - 0644    */
/* 0662 */ @645   FTFS066   1.0          /* 0645 - 0645    */
/* 0663 */ @646   FTFS067   1.0          /* 0646 - 0646    */
/* 0664 */ @647   FTFS068   1.0          /* 0647 - 0647    */
/* 0665 */ @648   FTFS069   1.0          /* 0648 - 0648    */
/* 0666 */ @649   FTFS070   1.0          /* 0649 - 0649    */
/* 0667 */ @650   FTFS071   1.0          /* 0650 - 0650    */
/* 0668 */ @651   FTFS072   1.0          /* 0651 - 0651    */
/* 0669 */ @652   FTFS073   1.0          /* 0652 - 0652    */
/* 0670 */ @653   FTFS074   1.0          /* 0653 - 0653    */
/* 0671 */ @654   FTFS075   1.0          /* 0654 - 0654    */
/* 0672 */ @655   FTFS076   1.0          /* 0655 - 0655    */
/* 0673 */ @656   FTFS077   1.0          /* 0656 - 0656    */
/* 0674 */ @657   FTFS078   1.0          /* 0657 - 0657    */
/* 0675 */ @658   FTFS079   1.0          /* 0658 - 0658    */
/* 0676 */ @659   FTFS080   1.0          /* 0659 - 0659    */
/* 0677 */ @660   FTFS081   1.0          /* 0660 - 0660    */
/* 0678 */ @661   FTFS082   1.0          /* 0661 - 0661    */
/* 0679 */ @662   FTFS083   1.0          /* 0662 - 0662    */
/* 0680 */ @663   FTFS084   1.0          /* 0663 - 0663    */
/* 0681 */ @664   FTFS085   1.0          /* 0664 - 0664    */
/* 0682 */ @665   FTFS086   1.0          /* 0665 - 0665    */
/* 0683 */ @666   FTFS087   1.0          /* 0666 - 0666    */
/* 0684 */ @667   FTFS088   1.0          /* 0667 - 0667    */
/* 0685 */ @668   FTFS089   1.0          /* 0668 - 0668    */
/* 0686 */ @669   FTFS090   1.0          /* 0669 - 0669    */
/* 0687 */ @670   FTFS091   1.0          /* 0670 - 0670    */
/* 0688 */ @671   FTFS092   1.0          /* 0671 - 0671    */
/* 0689 */ @672   FTFS104   1.0          /* 0672 - 0672    */
/* 0690 */ @673   FTFS105   1.0          /* 0673 - 0673    */
/* 0691 */ @674   FTFS106   1.0          /* 0674 - 0674    */
/* 0692 */ @675   FTFS107   1.0          /* 0675 - 0675    */
/* 0693 */ @676   FTFS108   1.0          /* 0676 - 0676    */
/* 0694 */ @677   FTFS109   1.0          /* 0677 - 0677    */
/* 0695 */ @678   FTFS110   1.0          /* 0678 - 0678    */
/* 0696 */ @679   FTFS111   1.0          /* 0679 - 0679    */
/* 0697 */ @680   FTFS112   1.0          /* 0680 - 0680    */
/* 0698 */ @681   FTFS113   1.0          /* 0681 - 0681    */
/* 0699 */ @682   FTFS114   1.0          /* 0682 - 0682    */
<table>
<thead>
<tr>
<th>Line</th>
<th>Description</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700</td>
<td>683 FTFS115</td>
<td>1.0</td>
<td>*/ 0683 - 0683 */</td>
</tr>
<tr>
<td>0701</td>
<td>684 FTFS116</td>
<td>1.0</td>
<td>*/ 0684 - 0684 */</td>
</tr>
<tr>
<td>0702</td>
<td>685 FTFS117</td>
<td>1.0</td>
<td>*/ 0685 - 0685 */</td>
</tr>
<tr>
<td>0703</td>
<td>686 FTFS118</td>
<td>1.0</td>
<td>*/ 0686 - 0686 */</td>
</tr>
<tr>
<td>0704</td>
<td>687 FTFS119</td>
<td>1.0</td>
<td>*/ 0687 - 0687 */</td>
</tr>
<tr>
<td>0705</td>
<td>688 FTFS120</td>
<td>1.0</td>
<td>*/ 0688 - 0688 */</td>
</tr>
<tr>
<td>0706</td>
<td>689 FTFS121</td>
<td>1.0</td>
<td>*/ 0689 - 0689 */</td>
</tr>
<tr>
<td>0707</td>
<td>690 FTFS122</td>
<td>1.0</td>
<td>*/ 0690 - 0690 */</td>
</tr>
<tr>
<td>0708</td>
<td>691 FTFS123</td>
<td>1.0</td>
<td>*/ 0691 - 0691 */</td>
</tr>
<tr>
<td>0709</td>
<td>692 FTFS124</td>
<td>1.0</td>
<td>*/ 0692 - 0692 */</td>
</tr>
<tr>
<td>0710</td>
<td>693 FTFS125</td>
<td>1.0</td>
<td>*/ 0693 - 0693 */</td>
</tr>
<tr>
<td>0711</td>
<td>694 FTFS126</td>
<td>1.0</td>
<td>*/ 0694 - 0694 */</td>
</tr>
<tr>
<td>0712</td>
<td>695 FTFS127</td>
<td>1.0</td>
<td>*/ 0695 - 0695 */</td>
</tr>
<tr>
<td>0713</td>
<td>696 FTFS128</td>
<td>1.0</td>
<td>*/ 0696 - 0696 */</td>
</tr>
<tr>
<td>0714</td>
<td>697 FTFS129</td>
<td>1.0</td>
<td>*/ 0697 - 0697 */</td>
</tr>
<tr>
<td>0715</td>
<td>698 FTFS130</td>
<td>1.0</td>
<td>*/ 0698 - 0698 */</td>
</tr>
<tr>
<td>0716</td>
<td>699 FTFS131</td>
<td>1.0</td>
<td>*/ 0699 - 0699 */</td>
</tr>
<tr>
<td>0717</td>
<td>700 FTFS132</td>
<td>1.0</td>
<td>*/ 0700 - 0700 */</td>
</tr>
<tr>
<td>0718</td>
<td>701 FTFS133</td>
<td>1.0</td>
<td>*/ 0701 - 0701 */</td>
</tr>
<tr>
<td>0719</td>
<td>702 FTFS134</td>
<td>1.0</td>
<td>*/ 0702 - 0702 */</td>
</tr>
<tr>
<td>0720</td>
<td>703 FTFS135</td>
<td>1.0</td>
<td>*/ 0703 - 0703 */</td>
</tr>
<tr>
<td>0721</td>
<td>704 FTFS136</td>
<td>1.0</td>
<td>*/ 0704 - 0704 */</td>
</tr>
<tr>
<td>0722</td>
<td>705 FTFS137</td>
<td>1.0</td>
<td>*/ 0705 - 0705 */</td>
</tr>
<tr>
<td>0723</td>
<td>706 FTFS138</td>
<td>1.0</td>
<td>*/ 0706 - 0706 */</td>
</tr>
<tr>
<td>0724</td>
<td>707 FTFS139</td>
<td>1.0</td>
<td>*/ 0707 - 0707 */</td>
</tr>
<tr>
<td>0725</td>
<td>708 FTFS140</td>
<td>1.0</td>
<td>*/ 0708 - 0708 */</td>
</tr>
<tr>
<td>0726</td>
<td>709 FTFS141</td>
<td>1.0</td>
<td>*/ 0709 - 0709 */</td>
</tr>
<tr>
<td>0727</td>
<td>710 FTFS142</td>
<td>1.0</td>
<td>*/ 0710 - 0710 */</td>
</tr>
<tr>
<td>0728</td>
<td>711 FTFS143</td>
<td>1.0</td>
<td>*/ 0711 - 0711 */</td>
</tr>
<tr>
<td>0729</td>
<td>712 FTFS144</td>
<td>1.0</td>
<td>*/ 0712 - 0712 */</td>
</tr>
<tr>
<td>0730</td>
<td>713 FTFS145</td>
<td>1.0</td>
<td>*/ 0713 - 0713 */</td>
</tr>
<tr>
<td>0731</td>
<td>714 FTFS146</td>
<td>1.0</td>
<td>*/ 0714 - 0714 */</td>
</tr>
<tr>
<td>0732</td>
<td>715 FTFS147</td>
<td>1.0</td>
<td>*/ 0715 - 0715 */</td>
</tr>
<tr>
<td>0733</td>
<td>716 FTFS148</td>
<td>1.0</td>
<td>*/ 0716 - 0716 */</td>
</tr>
<tr>
<td>0734</td>
<td>717 FTFS149</td>
<td>1.0</td>
<td>*/ 0717 - 0717 */</td>
</tr>
<tr>
<td>0735</td>
<td>718 FTFS150</td>
<td>1.0</td>
<td>*/ 0718 - 0718 */</td>
</tr>
<tr>
<td>0736</td>
<td>719 FTFS151</td>
<td>1.0</td>
<td>*/ 0719 - 0719 */</td>
</tr>
<tr>
<td>0737</td>
<td>720 FTFS152</td>
<td>1.0</td>
<td>*/ 0720 - 0720 */</td>
</tr>
<tr>
<td>0738</td>
<td>721 FTFS153</td>
<td>1.0</td>
<td>*/ 0721 - 0721 */</td>
</tr>
<tr>
<td>0739</td>
<td>722 FTFS154</td>
<td>1.0</td>
<td>*/ 0722 - 0722 */</td>
</tr>
<tr>
<td>0740</td>
<td>723 FTFS155</td>
<td>1.0</td>
<td>*/ 0723 - 0723 */</td>
</tr>
<tr>
<td>0741</td>
<td>724 FTFS156</td>
<td>1.0</td>
<td>*/ 0724 - 0724 */</td>
</tr>
<tr>
<td>0742</td>
<td>725 FTFS157</td>
<td>1.0</td>
<td>*/ 0725 - 0725 */</td>
</tr>
<tr>
<td>0743</td>
<td>726 FTFS158</td>
<td>1.0</td>
<td>*/ 0726 - 0726 */</td>
</tr>
<tr>
<td>0744</td>
<td>727 FTFS159</td>
<td>1.0</td>
<td>*/ 0727 - 0727 */</td>
</tr>
<tr>
<td>0745</td>
<td>728 FTFS160</td>
<td>1.0</td>
<td>*/ 0728 - 0728 */</td>
</tr>
<tr>
<td>0746</td>
<td>729 FTFS161</td>
<td>1.0</td>
<td>*/ 0729 - 0729 */</td>
</tr>
<tr>
<td>0747</td>
<td>730 FTFS162</td>
<td>1.0</td>
<td>*/ 0730 - 0730 */</td>
</tr>
<tr>
<td>0748</td>
<td>731 FTFS163</td>
<td>1.0</td>
<td>*/ 0731 - 0731 */</td>
</tr>
<tr>
<td>0749</td>
<td>732 FTFS164</td>
<td>1.0</td>
<td>*/ 0732 - 0732 */</td>
</tr>
<tr>
<td>0750</td>
<td>733 FTFS165</td>
<td>1.0</td>
<td>*/ 0733 - 0733 */</td>
</tr>
<tr>
<td>0751</td>
<td>734 FTFS166</td>
<td>1.0</td>
<td>*/ 0734 - 0734 */</td>
</tr>
<tr>
<td>0752</td>
<td>735 FTFS167</td>
<td>1.0</td>
<td>*/ 0735 - 0735 */</td>
</tr>
<tr>
<td>0753</td>
<td>736 FTFS168</td>
<td>1.0</td>
<td>*/ 0736 - 0736 */</td>
</tr>
<tr>
<td>0754</td>
<td>737 FTFS169</td>
<td>1.0</td>
<td>*/ 0737 - 0737 */</td>
</tr>
<tr>
<td>0755</td>
<td>738 FTFS170</td>
<td>1.0</td>
<td>*/ 0738 - 0738 */</td>
</tr>
<tr>
<td>0756</td>
<td>739 FTFS171</td>
<td>1.0</td>
<td>*/ 0739 - 0739 */</td>
</tr>
</tbody>
</table>
/* 0814 */ @797   FTSC019   1.0 /* 0797 - 0797    */
/* 0815 */ @798   FTSC020   1.0 /* 0798 - 0798    */
/* 0816 */ @799   FTSC021   1.0 /* 0799 - 0799    */
/* 0817 */ @800   FTSC022   1.0 /* 0800 - 0800    */
/* 0818 */ @801   FTSC023   1.0 /* 0801 - 0801    */
/* 0819 */ @802   FTSC024   1.0 /* 0802 - 0802    */
/* 0820 */ @803   FTSC025   1.0 /* 0803 - 0803    */
/* 0821 */ @804   FTSC026   1.0 /* 0804 - 0804    */
/* 0822 */ @805   FTSC027   1.0 /* 0805 - 0805    */
/* 0823 */ @806   FTSC028   1.0 /* 0806 - 0806    */
/* 0824 */ @807   FFTPVT    1.0 /* 0807 - 0807    */
/* 0825 */ @808   FPTPVT    1.0 /* 0808 - 0808    */
/* 0826 */ @809   FFTPUB    1.0 /* 0809 - 0809    */
/* 0827 */ @810   FFTPUB    1.0 /* 0810 - 0810    */
/* 0828 */ @811   FTSC033   1.0 /* 0811 - 0811    */
/* 0829 */ @812   FTSC034   1.0 /* 0812 - 0812    */
/* 0830 */ @813   FTSC035   1.0 /* 0813 - 0813    */
/* 0831 */ @814   FTSC036   1.0 /* 0814 - 0814    */
/* 0832 */ @815   FTSC037   1.0 /* 0815 - 0815    */
/* 0833 */ @816   FTSC038   1.0 /* 0816 - 0816    */
/* 0834 */ @817   FTSC039   1.0 /* 0817 - 0817    */
/* 0835 */ @818   FTSC040   1.0 /* 0818 - 0818    */
/* 0836 */ @819   FTSC041   1.0 /* 0819 - 0819    */
/* 0837 */ @820   FTSC042   1.0 /* 0820 - 0820    */
/* 0838 */ @821   FTSC043   1.0 /* 0821 - 0821    */
/* 0839 */ @822   FTSC044   1.0 /* 0822 - 0822    */
/* 0840 */ @823   FTSC045   1.0 /* 0823 - 0823    */
/* 0841 */ @824   FTSC046   1.0 /* 0824 - 0824    */
/* 0842 */ @825   FTSC047   1.0 /* 0825 - 0825    */
/* 0843 */ @826   FTSC048   1.0 /* 0826 - 0826    */
/* 0844 */ @827   FTSC049   1.0 /* 0827 - 0827    */
/* 0845 */ @828   FTSC050   1.0 /* 0828 - 0828    */
/* 0846 */ @829   FTSC051   1.0 /* 0829 - 0829    */
/* 0847 */ @830   FTSC052   1.0 /* 0830 - 0830    */
/* 0848 */ @831   FTSC053   1.0 /* 0831 - 0831    */
/* 0849 */ @832   FTSC054   1.0 /* 0832 - 0832    */
/* 0850 */ @833   FTSC055   1.0 /* 0833 - 0833    */
/* 0851 */ @834   FTSC056   1.0 /* 0834 - 0834    */
/* 0852 */ @835   FTSC057   1.0 /* 0835 - 0835    */
/* 0853 */ @836   FTSC058   1.0 /* 0836 - 0836    */
/* 0854 */ @837   FTSC059   1.0 /* 0837 - 0837    */
/* 0855 */ @838   FTSC060   1.0 /* 0838 - 0838    */
/* 0856 */ @839   FTSC061   1.0 /* 0839 - 0839    */
/* 0857 */ @840   FTSC062   1.0 /* 0840 - 0840    */
/* 0858 */ @841   FTMEDUC   1.0 /* 0841 - 0841    */
/* 0859 */ @842   FTMEDGC   1.0 /* 0842 - 0842    */
/* 0860 */ @843   FTSC065   1.0 /* 0843 - 0843    */
/* 0861 */ @844   FTSC066   1.0 /* 0844 - 0844    */
/* 0862 */ @845   FMAINUC   1.0 /* 0845 - 0845    */
/* 0863 */ @846   FMAINGC   1.0 /* 0846 - 0846    */
/* 0864 */ @847   FTSC069   1.0 /* 0847 - 0847    */
/* 0865 */ @848   FTSC070   1.0 /* 0848 - 0848    */
/* 0866 */ @849   FTSC071   1.0 /* 0849 - 0849    */
/* 0867 */ @850   FTSC072   1.0 /* 0850 - 0850    */
/* 0868 */ @851   FTSC073   1.0 /* 0851 - 0851    */
/* 0869 */ @852   FTSC074   1.0 /* 0852 - 0852    */
/* 0870 */ @853   FTSC075   1.0 /* 0853 - 0853    */
/* 0985 */   @968  FTSC190  1.0   /* 0968 - 0968 */
/* 0986 */   @969  FTSC191  1.0   /* 0969 - 0969 */
/* 0987 */   @970  FTSC192  1.0   /* 0970 - 0970 */
/* 0988 */   @971  FTSC193  1.0   /* 0971 - 0971 */
/* 0989 */   @972  FTSC194  1.0   /* 0972 - 0972 */
/* 0990 */   @973  FTSC195  1.0   /* 0973 - 0973 */
/* 0991 */   @974  FTSC196  1.0   /* 0974 - 0974 */
/* 0992 */   @975  FTSC197  1.0   /* 0975 - 0975 */
/* 0993 */   @976  FTSC198  1.0   /* 0976 - 0976 */
/* 0994 */   @977  FTSC199  1.0   /* 0977 - 0977 */
/* 0995 */   @978  FTSC200  1.0   /* 0978 - 0978 */
/* 0996 */   @979  FTSC201  1.0   /* 0979 - 0979 */
/* 0997 */   @980  FTSC202  1.0   /* 0980 - 0980 */
/* 0998 */   @981  FTSC203  1.0   /* 0981 - 0981 */
/* 0999 */   @982  FTSC204  1.0   /* 0982 - 0982 */
/* 1000 */   @983  FTSC205  1.0   /* 0983 - 0983 */
/* 1001 */   @984  FTSC206  1.0   /* 0984 - 0984 */
/* 1002 */   @985  FTSC207  1.0   /* 0985 - 0985 */
/* 1003 */   @986  FTSC208  1.0   /* 0986 - 0986 */
/* 1004 */   @987  FTSC209  1.0   /* 0987 - 0987 */
/* 1005 */   @988  FTSC210  1.0   /* 0988 - 0988 */
/* 1006 */   @989  FTSC211  1.0   /* 0989 - 0989 */
/* 1007 */   @990  FTSC212  1.0   /* 0990 - 0990 */
/* 1008 */   @991  FTSC213  1.0   /* 0991 - 0991 */
/* 1009 */   @992  FTSC214  1.0   /* 0992 - 0992 */
/* 1010 */   @993  FTSC215  1.0   /* 0993 - 0993 */
/* 1011 */   @994  FTSC216  1.0   /* 0994 - 0994 */
/* 1012 */   @995  FTSC217  1.0   /* 0995 - 0995 */
/* 1013 */   @996  FTSC218  1.0   /* 0996 - 0996 */
/* 1014 */   @997  FTSC219  1.0   /* 0997 - 0997 */
/* 1015 */   @998  FTSC220  1.0   /* 0998 - 0998 */
/* 1016 */   @999  FTSC221  1.0   /* 0999 - 0999 */
/* 1017 */   @1000 FTSC222  1.0   /* 1000 - 1000 */
/* 1018 */   @1001 FTSC223  1.0   /* 1001 - 1001 */
/* 1019 */   @1002 FTSC224  1.0   /* 1002 - 1002 */
/* 1020 */   @1003 FTSC225  1.0   /* 1003 - 1003 */
/* 1021 */   @1004 FTSC226  1.0   /* 1004 - 1004 */
/* 1022 */   @1005 FTSC227  1.0   /* 1005 - 1005 */
/* 1023 */   @1006 FTSC228  1.0   /* 1006 - 1006 */
/* 1024 */   @1007 FTSC229  1.0   /* 1007 - 1007 */
/* 1025 */   @1008 FTSC230  1.0   /* 1008 - 1008 */
/* 1026 */   @1009 FTSC231  1.0   /* 1009 - 1009 */
/* 1027 */   @1010 FTSC232  1.0   /* 1010 - 1010 */
/* 1028 */   @1011 FTSC233  1.0   /* 1011 - 1011 */
/* 1029 */   @1012 FTSC234  1.0   /* 1012 - 1012 */
/* 1030 */   @1013 FTSC235  1.0   /* 1013 - 1013 */
/* 1031 */   @1014 FTSC236  1.0   /* 1014 - 1014 */
/* 1032 */   @1015 FTSC237  1.0   /* 1015 - 1015 */
/* 1033 */   @1016 FTSC238  1.0   /* 1016 - 1016 */
/* 1034 */   @1017 FTSC239  1.0   /* 1017 - 1017 */
/* 1035 */   @1018 FTSC240  1.0   /* 1018 - 1018 */
/* 1036 */   @1019 FTSC241  1.0   /* 1019 - 1019 */
/* 1037 */   @1020 FTSC242  1.0   /* 1020 - 1020 */
/* 1038 */   @1021 FTSC243  1.0   /* 1021 - 1021 */
/* 1039 */   @1022 FTSC244  1.0   /* 1022 - 1022 */
/* 1040 */   @1023 FTSC245  1.0   /* 1023 - 1023 */
/* 1041 */   @1024 FTSC246  1.0   /* 1024 - 1024 */
/* 1041 */ @1 CNTLNUM $CHAR12. /* 0001 - 0012 (A) */
/* 1042 */ @13 FTSC247  1.0 /* 0013 - 0013 */
/* 1043 */ @14 FTSC248  1.0 /* 0014 - 0014 */
/* 1044 */ @15 FTSC249  1.0 /* 0015 - 0015 */
/* 1045 */ @16 FTSC250  1.0 /* 0016 - 0016 */
/* 1046 */ @17 FTSC251  1.0 /* 0017 - 0017 */
/* 1047 */ @18 FTSC252  1.0 /* 0018 - 0018 */
/* 1048 */ @19 FTSC253  1.0 /* 0019 - 0019 */
/* 1049 */ @20 FTSC254  1.0 /* 0020 - 0020 */
/* 1050 */ @21 FTSC255  1.0 /* 0021 - 0021 */
/* 1051 */ @22 FTSC256  1.0 /* 0022 - 0022 */
/* 1052 */ @23 FTSC257  1.0 /* 0023 - 0023 */
/* 1053 */ @24 FTSC258  1.0 /* 0024 - 0024 */
/* 1054 */ @25 FTSC259  1.0 /* 0025 - 0025 */
/* 1055 */ @26 FTSC260  1.0 /* 0026 - 0026 */
/* 1056 */ @27 FTSC261  1.0 /* 0027 - 0027 */
/* 1057 */ @28 FTSC262  1.0 /* 0028 - 0028 */
/* 1058 */ @29 FTSC263  1.0 /* 0029 - 0029 */
/* 1059 */ @30 FTSC264  1.0 /* 0030 - 0030 */
/* 1060 */ @31 FTSC265  1.0 /* 0031 - 0031 */
/* 1061 */ @32 FTSC266  1.0 /* 0032 - 0032 */
/* 1062 */ @33 FTSC267  1.0 /* 0033 - 0033 */
/* 1063 */ @34 FTSC268  1.0 /* 0034 - 0034 */
/* 1064 */ @35 FTSC269  1.0 /* 0035 - 0035 */
/* 1065 */ @36 FTSC270  1.0 /* 0036 - 0036 */
/* 1066 */ @37 FTSC271  1.0 /* 0037 - 0037 */
/* 1067 */ @38 FTSC272  1.0 /* 0038 - 0038 */
/* 1068 */ @39 FTSC273  1.0 /* 0039 - 0039 */
/* 1069 */ @40 FTSC274  1.0 /* 0040 - 0040 */
/* 1070 */ @41 FTSC275  1.0 /* 0041 - 0041 */
/* 1071 */ @42 FTSC276  1.0 /* 0042 - 0042 */
/* 1072 */ @43 FTSC277  1.0 /* 0043 - 0043 */
/* 1073 */ @44 FTSC278  1.0 /* 0044 - 0044 */
/* 1074 */ @45 FTSC279  1.0 /* 0045 - 0045 */
/* 1075 */ @46 FTSC280  1.0 /* 0046 - 0046 */
/* 1076 */ @47 FTSC281  1.0 /* 0047 - 0047 */
/* 1077 */ @48 FTSC282  1.0 /* 0048 - 0048 */
/* 1078 */ @49 FTSC283  1.0 /* 0049 - 0049 */
/* 1079 */ @50 FTSC284  1.0 /* 0050 - 0050 */
/* 1080 */ @51 FTSC285  1.0 /* 0051 - 0051 */
/* 1081 */ @52 FTSC286  1.0 /* 0052 - 0052 */
/* 1082 */ @53 FTSC287  1.0 /* 0053 - 0053 */
/* 1083 */ @54 FTSC288  1.0 /* 0054 - 0054 */
/* 1084 */ @55 FTSC289  1.0 /* 0055 - 0055 */
/* 1085 */ @56 FTSC290  1.0 /* 0056 - 0056 */
/* 1086 */ @57 FTSC291  1.0 /* 0057 - 0057 */
/* 1087 */ @58 FTSC292  1.0 /* 0058 - 0058 */
/* 1088 */ @59 FTSC293  1.0 /* 0059 - 0059 */
/* 1089 */ @60 FTSC294  1.0 /* 0060 - 0060 */
/* 1090 */ @61 FTSC295  1.0 /* 0061 - 0061 */
/* 1091 */ @62 FTSC296  1.0 /* 0062 - 0062 */
/* 1092 */ @63 FTSC297  1.0 /* 0063 - 0063 */
/* 1093 */ @64 FTSC298  1.0 /* 0064 - 0064 */
/* 1094 */ @65 FTSC299  1.0 /* 0065 - 0065 */
/* 1095 */ @66 FTSC300  1.0 /* 0066 - 0066 */
/* 1096 */ @67 FCONTRS  1.0 /* 0067 - 0067 */
/* 1097 */ @68 FHOUSEX  1.0 /* 0068 - 0068 */
/* 1098 */  @69  FMEALS  1.0          /* 0069 - 0069    */
/* 1099 */  @70  FTUITIO  1.0          /* 0070 - 0070    */
/* 1100 */  @71  FCHLDCA  1.0          /* 0071 - 0071    */
/* 1101 */  @72  FCOLLEG  1.0          /* 0072 - 0072    */
/* 1102 */  @73  FTRANSP  1.0          /* 0073 - 0073    */
/* 1103 */  @74  FNONE    1.0          /* 0074 - 0074    */
/* 1104 */  @75  FFAMLYI   1.0          /* 0075 - 0075    */
/* 1105 */  @76  FSEX     1.0          /* 0076 - 0076    */
/* 1106 */  @77  FRACE    1.0          /* 0077 - 0077    */
/* 1107 */  @78  FTRIBE   1.0          /* 0078 - 0078    */
/* 1108 */  @79  FHISPAN  1.0          /* 0079 - 0079    */
/* 1109 */  @80  FMARITA  1.0          /* 0080 - 0080    */
/* 1110 */  @81  FDEPCHL  1.0          /* 0081 - 0081    */
/* 1111 */  @82  FAGEYOU  1.0          /* 0082 - 0082    */
/* 1112 */  @83  FOTHERD  1.0          /* 0083 - 0083    */
/* 1113 */  @84  FDEPCOU  1.0          /* 0084 - 0084    */

LABELS

CNTLNUM  = 'Teacher control number'
SCHCNTL  = 'School control number used for merging purposes'
SURVEY   = 'SASS Survey Code'
SECTOR   = 'Public/Private school teacher'
REGION   = 'Region Code'
LOCALE   = 'Collapsed community type or urbanicity'
URBANIC  = '3-Level locale'
AFFIL    = '3-Level Private School Type Code'
TYPOLOGY = '9-Level Private School Type Code'
TSTATUS  = 'Teacher Status: Stayer/Mover/Leaver'
TFSWGT   = 'TFS Final weight (4 implied decimal places)'
REPWGT1  = 'Replicate Weight 1'
REPWGT2  = 'Replicate Weight 2'
REPWGT3  = 'Replicate Weight 3'
REPWGT4  = 'Replicate Weight 4'
REPWGT5  = 'Replicate Weight 5'
REPWGT6  = 'Replicate Weight 6'
REPWGT7  = 'Replicate Weight 7'
REPWGT8  = 'Replicate Weight 8'
REPWGT9  = 'Replicate Weight 9'
REPWGT10 = 'Replicate Weight 10'
REPWGT11 = 'Replicate Weight 11'
REPWGT12 = 'Replicate Weight 12'
REPWGT13 = 'Replicate Weight 13'
REPWGT14 = 'Replicate Weight 14'
REPWGT15 = 'Replicate Weight 15'
REPWGT16 = 'Replicate Weight 16'
REPWGT17 = 'Replicate Weight 17'
REPWGT18 = 'Replicate Weight 18'
REPWGT19 = 'Replicate Weight 19'
REPWGT20 = 'Replicate Weight 20'
REPWGT21 = 'Replicate Weight 21'
REPWGT22 = 'Replicate Weight 22'
REPWGT23 = 'Replicate Weight 23'
REPWGT24 = 'Replicate Weight 24'
REPWGT25 = 'Replicate Weight 25'
REPWGT26 = 'Replicate Weight 26'
TFS036 = 'Change in cert status: Yes-Cert in different field'
TFS037 = 'Change in certification status: Other change'
TFS038 = 'Do you plan to maintain or reinstate certificate?'
TFS039 = 'What was your main reason for leaving teaching?'
TFS040 = 'Did you have a second reason for leaving teaching?'
TFS041 = 'What was your 2nd reason for leaving teaching?'
TFS042 = 'Did you have a 3rd reason for leaving teaching prof?'
TFS043 = 'What was your 3rd reason for leaving teaching prof?'
TFS044 = 'Did you enter code 11 for one of your reasons?'
TFS045 = 'What was your main area of dissat with teaching?'
TFS046 = 'Did you have a 2nd area of dissatisfaction?'
TFS047 = 'What was your 2nd area of dissatisfaction?'
TFS048 = 'Did you have a 3rd area of dissatisfaction with teaching?'
TFS049 = 'What was your 3rd area of dissatisfaction with teaching?'
TFS050 = 'Most effective steps sch might take to keep tchrs'
TFS051 = 'What would 2nd most effective step sch might take'
TFS052 = 'What would be the third most effective step?'
TFS053 = 'Is your main occupational status <working>?'
TFS054 = 'Rate tchng reltv to curr occ: Salary'
TFS055 = 'Rate tchng reltv/curr occ: Opp professional advan'
TFS056 = 'Rate tchng reltv/curr occ: Recognition & support'
TFS057 = 'Rate tchng reltv/curr occ: Safety of environment'
TFS058 = 'Rate tchng reltv/curr occ: Influence in workplace'
TFS059 = 'Rate tchng reltv/curr occ: Control over own work'
TFS060 = 'Rate tchng reltv/curr occ: Professional prestige'
TFS061 = 'Rate teaching relative/current occ: Benefits'
TFS062 = 'Rate tchng reltv/curr occ: Performance evaluation'
TFS063 = 'Rate tchng reltv/curr occ: Manageability of workld'
TFS064 = 'Rate tchng reltv/curr occ: Available resources'
TFS065 = 'Rate tchng reltv/curr occ: General work conditions'
TFS066 = 'Rate teaching reltv/curr occ: Job security'
TFS067 = 'Rate tchng reltv/curr occ: Prof of colleagues'
TFS068 = 'Rate tchng reltv/curr occ: Intellectual challenge'
TFS069 = 'Rate tchng reltv/curr occ: Overall job satisfactn'
TFS070 = 'How satisfied with: Salary'
TFS071 = 'How satisfied with: Opp for profess advancement'
TFS072 = 'How satisfied with: Recognition and support'
TFS073 = 'How satisfied with: Safety of environment'
TFS074 = 'How satisfied with: Influence over workplace'
TFS075 = 'How satisfied with: Autonomy/control over own work'
TFS076 = 'How satisfied with: Professional prestige'
TFS077 = 'How satisfied with: Benefits'
TFS078 = 'How satisfied with: Procedures of performance eval'
TFS079 = 'How satisfied with: Manageability of workload'
TFS080 = 'How satisfied with: Avail of resources for job'
TFS081 = 'How satisfied with: General work conditions'
TFS082 = 'How satisfied with: Job security'
TFS083 = 'How satisfied with: Prof caliber of colleagues'
TFS084 = 'How satisfied with: Intellectual challenge'
TFS085 = 'How satisfied with: Overall job satisfaction'
TFS086 = 'Total combined income of all family members'
TFS087 = 'What is your current marital status?'
TFS088 = 'How many children are dependent on you & spouse?'
TFS089 = 'Age of youngest child on his/her last birthday?'
TFS090 = 'Do you have others dependent on you for support?'
TFS091 = 'How many other dependents do you support?'
TFS092 = 'Were you a Chapter 1 teacher?'
TFS104 = 'What is your main activity?'
TFS105 = 'What is your other main activity?'
TFS106 = 'Time equally div btwn primary/secondary activity'
TFS107 = 'Which best describes your position as sch employee'
TFS108 = 'How much time do you work as a teacher in this sch'
TFS109 = 'What category best describes teaching assignment?'
TFS110 = 'FT employee with less that FT teaching assignment'
TFS111 = 'What is your main teaching assignment at this sch?'
TFS112 = 'Teaching assignment equally div between 2 fields'
TFS113 = 'Do you teach classes in other fields at this sch?'
TFS114 = 'In what field do you teach the 2nd most classes?'
TFS115 = 'Do you have a teaching certificate in this state?'
TFS116 = 'What type of certificate do you hold in this field'
TFS117 = 'Was this certificate granted within last 12 months'
TFS118 = 'Certificate this state in secondary assignment?'
TFS119 = 'What type of certificate do you hold in this field'
TFS120 = 'Was this certificate granted within last 12 months'
TFS121 = 'Grade 1vlvs of students this school: Ungraded'
TFS122 = 'Grade 1vlvs of stu this school: Prekindergarten'
TFS123 = 'Grade 1vlvs of stu this school: Kindergarten'
TFS124 = 'Grade levels of students this school: 1st grade'
TFS125 = 'Grade levels of students this school: 2nd grade'
TFS126 = 'Grade levels of students this school: 3rd grade'
TFS127 = 'Grade levels of students this school: 4th grade'
TFS128 = 'Grade levels of students this school: 5th grade'
TFS129 = 'Grade levels of students this school: 6th grade'
TFS130 = 'Grade levels of students this school: 7th grade'
TFS131 = 'Grade levels of students this school: 8th grade'
TFS132 = 'Grade levels of students this school: 9th grade'
TFS133 = 'Grade levels of students this school: 10th grade'
TFS134 = 'Grade levels of students this school: 11th grade'
TFS135 = 'Grade levels of students this school: 12th grade'
TFS136 = 'Grade 1vlvs of students this school: Postsecondary'
TFS137 = 'Are you teaching in same school as last year?'
TFS138 = 'Are you currently teaching in same state as last'
TFS139 = 'Which best describes your move from last year'
TFS140 = 'Affiliation of private school'
TFS141 = 'Main reason for leaving the school taught last yr'
TFS142 = 'Did you have a second reason for leaving school?'
TFS143 = 'What was your second reason for leaving school?'
TFS144 = 'Did you have a third reason for leaving school?'
TFS145 = 'What was your third reason for leaving school?'
TFS146 = 'Did you enter code 05 for one of your reasons?'
TFS147 = 'Main area of dissat with teaching in prev school'
TFS148 = 'Did you have a 2nd area of dissat tchng prev sch?'
TFS149 = 'What was your 2nd area of dissat tchng prev school'
TFS150 = 'Did you have 3rd area of dissat tchng prev school?'
TFS151 = 'What was 3rd area of dissat teaching prev school?'
TFS152 = 'Have you earned any new degrees in past 12 months?'
TFS153 = 'What month was this degree earned?'
TFS154 = 'What year was this degree earned?'
TFS155 = 'What type of degree is it?'
TFS156 = 'What is your major field of study for new degree?'
TFS157 = 'For what purpose did you earn this degree?'
TFS158 = 'Are you currently enrolled in a degree program?'
TFS159 = 'What type of degree are you pursuing?'
TFS160 = 'Major field of study for degree you are pursuing?'
TSC065 = 'Main assign prekind/Genl Elem/Special Education'
TSC066 = 'College level courses in main teaching subject'
MAINUCRS = 'Categorized # undergrad courses main field'
MAINGCRS = 'Categorized # graduate courses main field'
TSC069 = 'Feel best qualified to teach this field'
TSC070 = 'Feel qualified to teach other fields'
TSC071 = 'Feel 2nd best qualified to teach this field'
TSC072 = 'Main teaching assignment changed since began'
TSC073 = 'Previous main assignment field'
TSC074 = 'Number consecutive years teaching current assign'
TSC075 = 'Teach any 7-12 Grade students at this school'
TSC076 = 'Teach any kind of science at this school'
TSC077 = 'Taken undergrad/grad courses in Mathematics'
TSC078 = 'Number undergraduate courses in Mathematics'
TSC079 = 'Number graduate courses in Mathematics'
TSC080 = 'Taken undergrad/grad courses in Computer Science'
TSC081 = 'Number undergraduate courses in Computer Science'
TSC082 = 'Number graduate courses in Computer Science'
TSC083 = 'Taken undergrad/grad courses in Biol Sci (Y/N)'
TSC084 = 'Number undergraduate courses in Biol Science'
TSC085 = 'Number graduate courses in Biol Science'
TSC086 = 'Taken undergrad/grad courses in Chemistry (Y/N)'
TSC087 = 'Number undergraduate courses in Chemistry'
TSC088 = 'Number graduate courses in Chemistry'
TSC089 = 'Taken undergrad/grad courses in Physics (Y/N)'
TSC090 = 'Number undergraduate courses in Physics'
TSC091 = 'Number graduate courses in Physics'
TSC092 = 'Taken undergrad/grad courses in Earth Sci (Y/N)'
TSC093 = 'Number undergraduate courses in Earth Sciences'
TSC094 = 'Number graduate courses in Earth Sciences'
TSC095 = 'Taken undergrad/grad courses in Other Sci (Y/N)'
TSC096 = 'Number undergraduate courses in Other Sciences'
TSC097 = 'Number graduate courses in Other Sciences'
TSC098 = 'Attended in-service training of 30+ hours'
TSC099 = 'Training in main teaching assignment'
TSC100 = 'Major purpose for taking this training'
TSC101 = 'Main assignment teaching cert in this state'
TSC102 = 'Type of certification held in this field'
TSC103 = 'Year certified main teaching field this state'
TSC104 = 'Cert in other teaching assignment this state'
TSC105 = 'Type of certificate in other teaching field'
TSC106 = 'Year cert other teaching field this state'
TSC107 = 'Member professional teacher/education organization'
TSC108 = 'Participated in sponsored seminars, etc.'
TSC109 = 'How often participated in these activities'
TSC110 = 'Participate in 1st year induction training'
TSC111 = 'Currently master or mentor teacher'
TSC112 = 'Student grade levels in classes/Ungraded'
TSC113 = 'Student grade levels in classes/Prekindergarten'
TSC114 = 'Student grade levels in classes/Kindergarten'
TSC115 = 'Student grade levels in classes/1st Grade'
TSC116 = 'Student grade levels in classes/2nd Grade'
TSC117 = 'Student grade levels in classes/3rd Grade'
TSC118 = 'Student grade levels in classes/4th Grade'
TSC119 = 'Student grade levels in classes/5th Grade'
TSC120 = 'Student grade levels in classes/6th Grade'
TSC121 = 'Student grade levels in classes/7th Grade'
| TSC179 | 'Grade level of most students in Class 6' |
| TSC180 | 'Number students enrolled in Class 6' |
| TSC181 | 'Number male students in Class 6' |
| TSC182 | 'Number minority students in Class 6' |
| TSC183 | 'Achievement lvl students Class 6 w/other students' |
| TSC184 | 'Type of Class 6' |
| TSC185 | 'Subject matter code of Class 7' |
| TSC186 | 'Number of times a week Class 7 meets' |
| TSC187 | 'Grade level of most students in Class 7' |
| TSC188 | 'Number students enrolled in Class 7' |
| TSC189 | 'Number male students in Class 7' |
| TSC190 | 'Number minority students in Class 7' |
| TSC191 | 'Achievement lvl students Class 7 w/other students' |
| TSC192 | 'Type of Class 7' |
| TSC193 | 'Subject matter code of Class 8' |
| TSC194 | 'Number of times a week Class 8 meets' |
| TSC195 | 'Grade level of most students in Class 8' |
| TSC196 | 'Number students enrolled in Class 8' |
| TSC197 | 'Number male students in Class 8' |
| TSC198 | 'Number minority students in Class 8' |
| TSC199 | 'Achievement lvl students Class 8 w/other students' |
| TSC200 | 'Type of Class 8' |
| TSC201 | 'Subject matter code of Class 9' |
| TSC202 | 'Number of times a week Class 9 meets' |
| TSC203 | 'Grade level of most students in Class 9' |
| TSC204 | 'Number students enrolled in Class 9' |
| TSC205 | 'Number male students in Class 9' |
| TSC206 | 'Number minority students in Class 9' |
| TSC207 | 'Achievement lvl students Class 9 w/other students' |
| TSC208 | 'Type of Class 9' |
| TSC209 | 'Subject matter code of Class 10' |
| TSC210 | 'Number of times a week Class 10 meets' |
| TSC211 | 'Grade level of most students in Class 10' |
| TSC212 | 'Number students enrolled in Class 10' |
| TSC213 | 'Number male students in Class 10' |
| TSC214 | 'Number minority students in Class 10' |
| TSC215 | 'Achievement lvl students Class 10 w/other students' |
| TSC216 | 'Type of Class 10' |
| TSC217 | 'Total number students in classes here' |
| TSC218 | 'Number times per week each class meets' |
| TSC219 | 'Number hours required - Recent full week' |
| TSC220 | 'Non-school hours w/student interaction' |
| TSC221 | 'Non-school hours, no student interaction' |
| TSC222 | 'I look forward to working at this school' |
| TSC223 | 'Staff members don't have much school spirit' |
| TSC224 | 'School admin knows problems staff faces' |
| TSC225 | 'All at school agree on school discipline' |
| TSC226 | 'Student behavior interferes with teaching' |
| TSC227 | 'Principal enforces rules/backs teachers' |
| TSC228 | 'Teachers consistently enforce rules' |
| TSC229 | 'Student class attitudes reduce academic success' |
| TSC230 | 'Many students incapable of learning material' |
| TSC231 | 'Teaching assignment more difficult than others' |
| TSC232 | 'Teaching has more advantages than disadvantages' |
| TSC233 | 'Would change jobs if I could' |
| TSC234 | 'Plan with Librarian/Media Spec for assistance' |
| TSC235 | 'Librarian/Media Spec are adequate to help in class' |
TSC236 = 'Would become a teacher again'
TSC237 = 'School aids new teachers w/student discipline'
TSC238 = 'School aids new teachers w/instructional methods'
TSC239 = 'School aids new teachers w/curriculum'
TSC240 = 'School aids new teachers w/adjusting'
TSC241 = 'Most important teaching goal'
TSC242 = 'Second most important teaching goal'
TSC243 = 'Third most important teaching goal'
TSC244 = 'Teachers have influence with discipline policy'
TSC245 = 'Teachers influence w/content of in-service pgms'
TSC246 = 'Teachers influence w/policy on grouping students'
TSC247 = 'Teachers influence w/establishing curriculum'
TSC248 = 'Teachers control selection instructional material'
TSC249 = 'Teachers control selecting content, etc.'
TSC250 = 'Teachers control selection teaching techniques'
TSC251 = 'Teachers control evaluating/grading students'
TSC252 = 'Teachers control disciplining students'
TSC253 = 'Teachers control amount of homework assigned'
TSC254 = 'Problem: Student tardiness'
TSC255 = 'Problem: Student absenteeism'
TSC256 = 'Problem: Teacher absenteeism'
TSC257 = 'Problem: Students cutting class'
TSC258 = 'Problem: Physical conflicts among students'
TSC259 = 'Problem: Robbery or theft'
TSC260 = 'Problem: Vandalism of school property'
TSC261 = 'Problem: Student pregnancy'
TSC262 = 'Problem: Student use of alcohol'
TSC263 = 'Problem: Student drug abuse'
TSC264 = 'Problem: Student possession of weapons'
TSC265 = 'Problem: Physical abuse of teachers'
TSC266 = 'Problem: Verbal abuse of teachers'
TSC267 = 'Problem: Student disrespect for teachers'
TSC268 = 'Problem: Students dropping out'
TSC269 = 'Problem: Student apathy'
TSC270 = 'Problem: Lack of academic involvement'
TSC271 = 'Problem: Lack of parent involvement'
TSC272 = 'Problem: Parent alcohol and/or drug abuse'
TSC273 = 'Problem: Poverty'
TSC274 = 'Problem: Racial tension'
TSC275 = 'Problem: Cultural conflict'
TSC276 = 'Plan to remain in teaching for how long?'
TSC277 = 'Do plan to retire in how many years'
TSC278 = 'Main activity last school year'
TSC279 = 'Main activity next school year'
TSC280 = 'Recv pay incentives for additional responsibility'
TSC281 = 'Recv pay incentives for additional teaching'
TSC282 = 'Recv pay incentives for school location'
TSC283 = 'Recv pay increases due to performance'
TSC284 = 'Recv merit pay bonus due to performance'
TSC285 = 'Recv school bonus due to exceptional performance'
TSC286 = 'Summer 1990 income for teaching summer school'
TSC287 = 'Summer 1990 amount earned in teaching summer sch'
TSC288 = 'Summer 1990 income for non-teaching summer school'
TSC289 = 'Summer 1990 amount earned non-teaching summer sch'
TSC290 = 'Summer 1990 income for non-school job'
TSC291 = 'Summer 1990 amount earned non-school job'
TSC292 = 'Collapsed 1990-91 Academic base year salary'
FTFS012 = 'Imputation flag for TFS012'
FTFS013 = 'Imputation flag for TFS013'
FTFS014 = 'Imputation flag for TFS014'
FTFS015 = 'Imputation flag for TFS015'
FTFS016 = 'Imputation flag for TFS016'
FTFS017 = 'Imputation flag for TFS017'
FTFS018 = 'Imputation flag for TFS018'
FTFS019 = 'Imputation flag for TFS019'
FTFS020 = 'Imputation flag for TFS020'
FTFS021 = 'Imputation flag for TFS021'
FTFS022 = 'Imputation flag for TFS022'
FTFS023 = 'Imputation flag for TFS023'
FTFS024 = 'Imputation flag for TFS024'
FTFS025 = 'Imputation flag for TFS025'
FTFS026 = 'Imputation flag for TFS026'
FTFS027 = 'Imputation flag for TFS027'
FTFS028 = 'Imputation flag for TFS028'
FTFS029 = 'Imputation flag for TFS029'
FTFS030 = 'Imputation flag for TFS030'
FTFS031 = 'Imputation flag for TFS031'
FTFS032 = 'Imputation flag for TFS032'
FTFS033 = 'Imputation flag for TFS033'
FTFS034 = 'Imputation flag for TFS034'
FTFS035 = 'Imputation flag for TFS035'
FTFS036 = 'Imputation flag for TFS036'
FTFS037 = 'Imputation flag for TFS037'
FTFS038 = 'Imputation flag for TFS038'
FTFS039 = 'Imputation flag for TFS039'
FTFS040 = 'Imputation flag for TFS040'
FTFS041 = 'Imputation flag for TFS041'
FTFS042 = 'Imputation flag for TFS042'
FTFS043 = 'Imputation flag for TFS043'
FTFS044 = 'Imputation flag for TFS044'
FTFS045 = 'Imputation flag for TFS045'
FTFS046 = 'Imputation flag for TFS046'
FTFS047 = 'Imputation flag for TFS047'
FTFS048 = 'Imputation flag for TFS048'
FTFS049 = 'Imputation flag for TFS049'
FTFS050 = 'Imputation flag for TFS050'
FTFS051 = 'Imputation flag for TFS051'
FTFS052 = 'Imputation flag for TFS052'
FTFS053 = 'Imputation flag for TFS053'
FTFS054 = 'Imputation flag for TFS054'
FTFS055 = 'Imputation flag for TFS055'
FTFS056 = 'Imputation flag for TFS056'
FTFS057 = 'Imputation flag for TFS057'
FTFS058 = 'Imputation flag for TFS058'
FTFS059 = 'Imputation flag for TFS059'
FTFS060 = 'Imputation flag for TFS060'
FTFS061 = 'Imputation flag for TFS061'
FTFS062 = 'Imputation flag for TFS062'
FTFS063 = 'Imputation flag for TFS063'
FTFS064 = 'Imputation flag for TFS064'
FTFS065 = 'Imputation flag for TFS065'
FTFS066 = 'Imputation flag for TFS066'
FTFS067 = 'Imputation flag for TFS067'
FTFS068 = 'Imputation flag for TFS068'
FTFS069 = 'Imputation flag for TFS069'
FTFS070 = 'Imputation flag for TFS070'
FTFS071 = 'Imputation flag for TFS071'
FTFS072 = 'Imputation flag for TFS072'
FTFS073 = 'Imputation flag for TFS073'
FTFS074 = 'Imputation flag for TFS074'
FTFS075 = 'Imputation flag for TFS075'
FTFS076 = 'Imputation flag for TFS076'
FTFS077 = 'Imputation flag for TFS077'
FTFS078 = 'Imputation flag for TFS078'
FTFS079 = 'Imputation flag for TFS079'
FTFS080 = 'Imputation flag for TFS080'
FTFS081 = 'Imputation flag for TFS081'
FTFS082 = 'Imputation flag for TFS082'
FTFS083 = 'Imputation flag for TFS083'
FTFS084 = 'Imputation flag for TFS084'
FTFS085 = 'Imputation flag for TFS085'
FTFS086 = 'Imputation flag for TFS086'
FTFS087 = 'Imputation flag for TFS087'
FTFS088 = 'Imputation flag for TFS088'
FTFS089 = 'Imputation flag for TFS089'
FTFS090 = 'Imputation flag for TFS090'
FTFS091 = 'Imputation flag for TFS091'
FTFS092 = 'Imputation flag for TFS092'
FTFS104 = 'Imputation flag for TFS104'
FTFS105 = 'Imputation flag for TFS105'
FTFS106 = 'Imputation flag for TFS106'
FTFS107 = 'Imputation flag for TFS107'
FTFS108 = 'Imputation flag for TFS108'
FTFS109 = 'Imputation flag for TFS109'
FTFS110 = 'Imputation flag for TFS110'
FTFS111 = 'Imputation flag for TFS111'
FTFS112 = 'Imputation flag for TFS112'
FTFS113 = 'Imputation flag for TFS113'
FTFS114 = 'Imputation flag for TFS114'
FTFS115 = 'Imputation flag for TFS115'
FTFS116 = 'Imputation flag for TFS116'
FTFS117 = 'Imputation flag for TFS117'
FTFS118 = 'Imputation flag for TFS118'
FTFS119 = 'Imputation flag for TFS119'
FTFS120 = 'Imputation flag for TFS120'
FTFS121 = 'Imputation flag for TFS121'
FTFS122 = 'Imputation flag for TFS122'
FTFS123 = 'Imputation flag for TFS123'
FTFS124 = 'Imputation flag for TFS124'
FTFS125 = 'Imputation flag for TFS125'
FTFS126 = 'Imputation flag for TFS126'
FTFS127 = 'Imputation flag for TFS127'
FTFS128 = 'Imputation flag for TFS128'
FTFS129 = 'Imputation flag for TFS129'
FTFS130 = 'Imputation flag for TFS130'
FTFS131 = 'Imputation flag for TFS131'
FTFS132 = 'Imputation flag for TFS132'
FTFS133 = 'Imputation flag for TFS133'
FTFS134 = 'Imputation flag for TFS134'
FTFS135 = 'Imputation flag for TFS135'
FTFS136 = 'Imputation flag for TFS136'
FTFS138 = 'Imputation flag for TFS138'
FTFS139 = 'Imputation flag for TFS139'
FTFS141 = 'Imputation flag for TFS141'
FTFS142 = 'Imputation flag for TFS142'
FTFS143 = 'Imputation flag for TFS143'
FTFS144 = 'Imputation flag for TFS144'
FTFS145 = 'Imputation flag for TFS145'
FTFS146 = 'Imputation flag for TFS146'
FTFS147 = 'Imputation flag for TFS147'
FTFS148 = 'Imputation flag for TFS148'
FTFS149 = 'Imputation flag for TFS149'
FTFS150 = 'Imputation flag for TFS150'
FTFS151 = 'Imputation flag for TFS151'
FTFS152 = 'Imputation flag for TFS152'
FTFS153 = 'Imputation flag for TFS153'
FTFS154 = 'Imputation flag for TFS154'
FTFS155 = 'Imputation flag for TFS155'
FTFS156 = 'Imputation flag for TFS156'
FTFS157 = 'Imputation flag for TFS157'
FTFS158 = 'Imputation flag for TFS158'
FTFS159 = 'Imputation flag for TFS159'
FTFS160 = 'Imputation flag for TFS160'
FTFS161 = 'Imputation flag for TFS161'
FTFS162 = 'Imputation flag for TFS162'
FTFS163 = 'Imputation flag for TFS163'
FTFS164 = 'Imputation flag for TFS164'
FTFS165 = 'Imputation flag for TFS165'
FTFS166 = 'Imputation flag for TFS166'
FTFS167 = 'Imputation flag for TFS167'
FTFS168 = 'Imputation flag for TFS168'
FTFS169 = 'Imputation flag for TFS169'
FTFS170 = 'Imputation flag for TFS170'
FTFS171 = 'Imputation flag for TFS171'
FTFS172 = 'Imputation flag for TFS172'
FTFS173 = 'Imputation flag for TFS173'
FTFS174 = 'Imputation flag for TFS174'
FTFS175 = 'Imputation flag for TFS175'
FTFS176 = 'Imputation flag for TFS176'
FTFS177 = 'Imputation flag for TFS177'
FTFS178 = 'Imputation flag for TFS178'
FTFS179 = 'Imputation flag for TFS179'
FTFS180 = 'Imputation flag for TFS180'
FTFS181 = 'Imputation flag for TFS181'
FTFS182 = 'Imputation flag for TFS182'
FTFS183 = 'Imputation flag for TFS183'
FTFS184 = 'Imputation flag for TFS184'
FTFS185 = 'Imputation flag for TFS185'
FTFS186 = 'Imputation flag for TFS186'
FTFS187 = 'Imputation flag for TFS187'
FTFS188 = 'Imputation flag for TFS188'
FTFS189 = 'Imputation flag for TFS189'
FTFS190 = 'Imputation flag for TFS190'
FTFS191 = 'Imputation flag for TFS191'
FTFS192 = 'Imputation flag for TFS192'
FTFS193 = 'Imputation flag for TFS193'
FTFS194 = 'Imputation flag for TFS194'
FTFS195 = 'Imputation flag for TFS195'
FTFS196  = 'Imputation flag for TFS196'
FTFS197  = 'Imputation flag for TFS197'
FTFS198  = 'Imputation flag for TFS198'
FTFS199  = 'Imputation flag for TFS199'
FTFS200  = 'Imputation flag for TFS200'
FTFS201  = 'Imputation flag for TFS201'
FTFS202  = 'Imputation flag for TFS202'
FTFS203  = 'Imputation flag for TFS203'
FTFS204  = 'Imputation flag for TFS204'
FTFS205  = 'Imputation flag for TFS205'
FTFS206  = 'Imputation flag for TFS206'
FTFS207  = 'Imputation flag for TFS207'
FTFS208  = 'Imputation flag for TFS208'
FTFS209  = 'Imputation flag for TFS209'
FTFS210  = 'Imputation flag for TFS210'
FTFS211  = 'Imputation flag for TFS211'
FTFS212  = 'Imputation flag for TFS212'
FTFS213  = 'Imputation flag for TFS213'
FTFS214  = 'Imputation flag for TFS214'
FTFS215  = 'Imputation flag for TFS215'
FTFS216  = 'Imputation flag for TFS216'
FTFS217  = 'Imputation flag for TFS217'
FTFS218  = 'Imputation flag for TFS218'
FTFS219  = 'Imputation flag for TFS219'
FTFS220  = 'Imputation flag for TFS220'
FTSC001  = 'Imputation flag for TSC001'
FTSC002  = 'Imputation flag for TSC002'
FTSC011  = 'Imputation flag for TSC011'
FTSC012  = 'Imputation flag for TSC012'
FTSC013  = 'Imputation flag for TSC013'
FTSC014  = 'Imputation flag for TSC014'
FTSC015  = 'Imputation flag for TSC015'
FTSC016  = 'Imputation flag for TSC016'
FTSC017  = 'Imputation flag for TSC017'
FTSC018  = 'Imputation flag for TSC018'
FTSC019  = 'Imputation flag for TSC019'
FTSC020  = 'Imputation flag for TSC020'
FTSC021  = 'Imputation flag for TSC021'
FTSC022  = 'Imputation flag for TSC022'
FTSC023  = 'Imputation flag for TSC023'
FTSC024  = 'Imputation flag for TSC024'
FTSC025  = 'Imputation flag for TSC025'
FTSC026  = 'Imputation flag for TSC026'
FTSC027  = 'Imputation flag for TSC027'
FTSC028  = 'Imputation flag for TSC028'
FFTPVT   = 'Imputation flag for FTPVT'
FPTPVT   = 'Imputation flag for PTPVT'
FFTPUB   = 'Imputation flag for FTPUB'
FPTPUB   = 'Imputation flag for PTPUB'
FTSC033  = 'Imputation flag for TSC033'
FTSC034  = 'Imputation flag for TSC034'
FTSC035  = 'Imputation flag for TSC035'
FTSC036  = 'Imputation flag for TSC036'
FTSC037  = 'Imputation flag for TSC037'
FTSC038  = 'Imputation flag for TSC038'
FTSC039  = 'Imputation flag for TSC039'
FTSC040  = 'Imputation flag for TSC040'
FTSC041 = 'Imputation flag for TSC041'
FTSC042 = 'Imputation flag for TSC042'
FTSC043 = 'Imputation flag for TSC043'
FTSC044 = 'Imputation flag for TSC044'
FTSC045 = 'Imputation flag for TSC045'
FTSC046 = 'Imputation flag for TSC046'
FTSC047 = 'Imputation flag for TSC047'
FTSC048 = 'Imputation flag for TSC048'
FTSC049 = 'Imputation flag for TSC049'
FTSC050 = 'Imputation flag for TSC050'
FTSC051 = 'Imputation flag for TSC051'
FTSC052 = 'Imputation flag for TSC052'
FTSC053 = 'Imputation flag for TSC053'
FTSC054 = 'Imputation flag for TSC054'
FTSC055 = 'Imputation flag for TSC055'
FTSC056 = 'Imputation flag for TSC056'
FTSC057 = 'Imputation flag for TSC057'
FTSC058 = 'Imputation flag for TSC058'
FTSC059 = 'Imputation flag for TSC059'
FTSC060 = 'Imputation flag for TSC060'
FTSC061 = 'Imputation flag for TSC061'
FTSC062 = 'Imputation flag for TSC062'
FTMEDUC = 'Imputation flag for TMEDUCRS'
FTMEDGC = 'Imputation flag for TMEDGCRS'
FTSC065 = 'Imputation flag for TSC065'
FTSC066 = 'Imputation flag for TSC066'
FMAINUC = 'Imputation flag for MAINUCRS'
FMAINGC = 'Imputation flag for MAINGCRS'
FTSC069 = 'Imputation flag for TSC069'
FTSC070 = 'Imputation flag for TSC070'
FTSC071 = 'Imputation flag for TSC071'
FTSC072 = 'Imputation flag for TSC072'
FTSC073 = 'Imputation flag for TSC073'
FTSC074 = 'Imputation flag for TSC074'
FTSC075 = 'Imputation flag for TSC075'
FTSC076 = 'Imputation flag for TSC076'
FTSC077 = 'Imputation flag for TSC077'
FTSC078 = 'Imputation flag for TSC078'
FTSC079 = 'Imputation flag for TSC079'
FTSC080 = 'Imputation flag for TSC080'
FTSC081 = 'Imputation flag for TSC081'
FTSC082 = 'Imputation flag for TSC082'
FTSC083 = 'Imputation flag for TSC083'
FTSC084 = 'Imputation flag for TSC084'
FTSC085 = 'Imputation flag for TSC085'
FTSC086 = 'Imputation flag for TSC086'
FTSC087 = 'Imputation flag for TSC087'
FTSC088 = 'Imputation flag for TSC088'
FTSC089 = 'Imputation flag for TSC089'
FTSC090 = 'Imputation flag for TSC090'
FTSC091 = 'Imputation flag for TSC091'
FTSC092 = 'Imputation flag for TSC092'
FTSC093 = 'Imputation flag for TSC093'
FTSC094 = 'Imputation flag for TSC094'
FTSC095 = 'Imputation flag for TSC095'
FTSC096 = 'Imputation flag for TSC096'
FTSC097 = 'Imputation flag for TSC097'
FTSC098 = 'Imputation flag for TSC098'
FTSC099 = 'Imputation flag for TSC099'
FTSC100 = 'Imputation flag for TSC100'
FTSC101 = 'Imputation flag for TSC101'
FTSC102 = 'Imputation flag for TSC102'
FTSC103 = 'Imputation flag for TSC103'
FTSC104 = 'Imputation flag for TSC104'
FTSC105 = 'Imputation flag for TSC105'
FTSC106 = 'Imputation flag for TSC106'
FTSC107 = 'Imputation flag for TSC107'
FTSC108 = 'Imputation flag for TSC108'
FTSC109 = 'Imputation flag for TSC109'
FTSC110 = 'Imputation flag for TSC110'
FTSC111 = 'Imputation flag for TSC111'
FTSC112 = 'Imputation flag for TSC112'
FTSC113 = 'Imputation flag for TSC113'
FTSC114 = 'Imputation flag for TSC114'
FTSC115 = 'Imputation flag for TSC115'
FTSC116 = 'Imputation flag for TSC116'
FTSC117 = 'Imputation flag for TSC117'
FTSC118 = 'Imputation flag for TSC118'
FTSC119 = 'Imputation flag for TSC119'
FTSC120 = 'Imputation flag for TSC120'
FTSC121 = 'Imputation flag for TSC121'
FTSC122 = 'Imputation flag for TSC122'
FTSC123 = 'Imputation flag for TSC123'
FTSC124 = 'Imputation flag for TSC124'
FTSC125 = 'Imputation flag for TSC125'
FTSC126 = 'Imputation flag for TSC126'
FTSC127 = 'Imputation flag for TSC127'
FTSC128 = 'Imputation flag for TSC128'
FTSC129 = 'Imputation flag for TSC129'
FTSC130 = 'Imputation flag for TSC130'
FTSC131 = 'Imputation flag for TSC131'
FTSC132 = 'Imputation flag for TSC132'
FTSC133 = 'Imputation flag for TSC133'
FTSC134 = 'Imputation flag for TSC134'
FTSC135 = 'Imputation flag for TSC135'
FTSC136 = 'Imputation flag for TSC136'
FTSC137 = 'Imputation flag for TSC137'
FTSC138 = 'Imputation flag for TSC138'
FTSC139 = 'Imputation flag for TSC139'
FTSC140 = 'Imputation flag for TSC140'
FTSC141 = 'Imputation flag for TSC141'
FTSC142 = 'Imputation flag for TSC142'
FTSC143 = 'Imputation flag for TSC143'
FTSC144 = 'Imputation flag for TSC144'
FTSC145 = 'Imputation flag for TSC145'
FTSC146 = 'Imputation flag for TSC146'
FTSC147 = 'Imputation flag for TSC147'
FTSC148 = 'Imputation flag for TSC148'
FTSC149 = 'Imputation flag for TSC149'
FTSC150 = 'Imputation flag for TSC150'
FTSC151 = 'Imputation flag for TSC151'
FTSC152 = 'Imputation flag for TSC152'
FTSC153 = 'Imputation flag for TSC153'
FTSC154 = 'Imputation flag for TSC154'
FTSC155  = 'Imputation flag for TSC155'
FTSC156  = 'Imputation flag for TSC156'
FTSC157  = 'Imputation flag for TSC157'
FTSC158  = 'Imputation flag for TSC158'
FTSC159  = 'Imputation flag for TSC159'
FTSC160  = 'Imputation flag for TSC160'
FTSC161  = 'Imputation flag for TSC161'
FTSC162  = 'Imputation flag for TSC162'
FTSC163  = 'Imputation flag for TSC163'
FTSC164  = 'Imputation flag for TSC164'
FTSC165  = 'Imputation flag for TSC165'
FTSC166  = 'Imputation flag for TSC166'
FTSC167  = 'Imputation flag for TSC167'
FTSC168  = 'Imputation flag for TSC168'
FTSC169  = 'Imputation flag for TSC169'
FTSC170  = 'Imputation flag for TSC170'
FTSC171  = 'Imputation flag for TSC171'
FTSC172  = 'Imputation flag for TSC172'
FTSC173  = 'Imputation flag for TSC173'
FTSC174  = 'Imputation flag for TSC174'
FTSC175  = 'Imputation flag for TSC175'
FTSC176  = 'Imputation flag for TSC176'
FTSC177  = 'Imputation flag for TSC177'
FTSC178  = 'Imputation flag for TSC178'
FTSC179  = 'Imputation flag for TSC179'
FTSC180  = 'Imputation flag for TSC180'
FTSC181  = 'Imputation flag for TSC181'
FTSC182  = 'Imputation flag for TSC182'
FTSC183  = 'Imputation flag for TSC183'
FTSC184  = 'Imputation flag for TSC184'
FTSC185  = 'Imputation flag for TSC185'
FTSC186  = 'Imputation flag for TSC186'
FTSC187  = 'Imputation flag for TSC187'
FTSC188  = 'Imputation flag for TSC188'
FTSC189  = 'Imputation flag for TSC189'
FTSC190  = 'Imputation flag for TSC190'
FTSC191  = 'Imputation flag for TSC191'
FTSC192  = 'Imputation flag for TSC192'
FTSC193  = 'Imputation flag for TSC193'
FTSC194  = 'Imputation flag for TSC194'
FTSC195  = 'Imputation flag for TSC195'
FTSC196  = 'Imputation flag for TSC196'
FTSC197  = 'Imputation flag for TSC197'
FTSC198  = 'Imputation flag for TSC198'
FTSC199  = 'Imputation flag for TSC199'
FTSC200  = 'Imputation flag for TSC200'
FTSC201  = 'Imputation flag for TSC201'
FTSC202  = 'Imputation flag for TSC202'
FTSC203  = 'Imputation flag for TSC203'
FTSC204  = 'Imputation flag for TSC204'
FTSC205  = 'Imputation flag for TSC205'
FTSC206  = 'Imputation flag for TSC206'
FTSC207  = 'Imputation flag for TSC207'
FTSC208  = 'Imputation flag for TSC208'
FTSC209  = 'Imputation flag for TSC209'
FTSC210  = 'Imputation flag for TSC210'
FTSC211  = 'Imputation flag for TSC211'
FTSC212 = 'Imputation flag for TSC212'
FTSC213 = 'Imputation flag for TSC213'
FTSC214 = 'Imputation flag for TSC214'
FTSC215 = 'Imputation flag for TSC215'
FTSC216 = 'Imputation flag for TSC216'
FTSC217 = 'Imputation flag for TSC217'
FTSC218 = 'Imputation flag for TSC218'
FTSC219 = 'Imputation flag for TSC219'
FTSC220 = 'Imputation flag for TSC220'
FTSC221 = 'Imputation flag for TSC221'
FTSC222 = 'Imputation flag for TSC222'
FTSC223 = 'Imputation flag for TSC223'
FTSC224 = 'Imputation flag for TSC224'
FTSC225 = 'Imputation flag for TSC225'
FTSC226 = 'Imputation flag for TSC226'
FTSC227 = 'Imputation flag for TSC227'
FTSC228 = 'Imputation flag for TSC228'
FTSC229 = 'Imputation flag for TSC229'
FTSC230 = 'Imputation flag for TSC230'
FTSC231 = 'Imputation flag for TSC231'
FTSC232 = 'Imputation flag for TSC232'
FTSC233 = 'Imputation flag for TSC233'
FTSC234 = 'Imputation flag for TSC234'
FTSC235 = 'Imputation flag for TSC235'
FTSC236 = 'Imputation flag for TSC236'
FTSC237 = 'Imputation flag for TSC237'
FTSC238 = 'Imputation flag for TSC238'
FTSC239 = 'Imputation flag for TSC239'
FTSC240 = 'Imputation flag for TSC240'
FTSC241 = 'Imputation flag for TSC241'
FTSC242 = 'Imputation flag for TSC242'
FTSC243 = 'Imputation flag for TSC243'
FTSC244 = 'Imputation flag for TSC244'
FTSC245 = 'Imputation flag for TSC245'
FTSC246 = 'Imputation flag for TSC246'
FTSC247 = 'Imputation flag for TSC247'
FTSC248 = 'Imputation flag for TSC248'
FTSC249 = 'Imputation flag for TSC249'
FTSC250 = 'Imputation flag for TSC250'
FTSC251 = 'Imputation flag for TSC251'
FTSC252 = 'Imputation flag for TSC252'
FTSC253 = 'Imputation flag for TSC253'
FTSC254 = 'Imputation flag for TSC254'
FTSC255 = 'Imputation flag for TSC255'
FTSC256 = 'Imputation flag for TSC256'
FTSC257 = 'Imputation flag for TSC257'
FTSC258 = 'Imputation flag for TSC258'
FTSC259 = 'Imputation flag for TSC259'
FTSC260 = 'Imputation flag for TSC260'
FTSC261 = 'Imputation flag for TSC261'
FTSC262 = 'Imputation flag for TSC262'
FTSC263 = 'Imputation flag for TSC263'
FTSC264 = 'Imputation flag for TSC264'
FTSC265 = 'Imputation flag for TSC265'
FTSC266 = 'Imputation flag for TSC266'
FTSC267 = 'Imputation flag for TSC267'
FTSC268 = 'Imputation flag for TSC268'