# NATIONAL LONGITUDINAL STUDY: <br> Base Year (1972) through Fourth Follow-Up (1979) DATA FILE USERS' MANUAL 

Volume I<br>(Includes Appendix A through Appendix C)



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## NATIONAL CENTER FOR EDUCATION STATISTICS

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## Foreword

The National Longitudinal Study (NLS) of the High School Class of 1972 is a large-scale long-term survey effort supported by the National Center for Education Statistics (NCES), Office of the Assistant Secretary for Educational Research and Improvement in the U.S. Department of Education. Broadly stated, NLS is designed to provide statistics on a national sample of students as they move out of the American high school system into the critical years of early adulthood. Data have been gathered and colligated from several sources, coded and edited for analysis purposes, and stored on magnetic computer tapes for future access. The current tapes contain base-year (1972) survey data, collected by the Educational Testing Service, integrated with first follow-up (1973), second follow-up (1974), third follow-up (1976), and fourth follow-up (1979) survey data, collected by the Research Triangle Institute.

The Users Manual provides a detailed description of the merged NLS data file now available for use by the general research community. These data provide an extensive and potentially rich resource for a variety of research purposes. The purpose of this manual is to document the contents of the available tapes, and thereby enable the interested investigator to exploit effectively the research potential of the data.

Obviously, a project of the size and scope of NLS requires the close cooperation and combined effort of many people and organizations. This manual documents an interim file of those efforts. Finally, a special recognition is due to the thousands of anonymous sample members who have participated in NLS, without whose cooperation the study would not have been possible.

NLS first follow-up activities were the responsibility of the project codirectors for the contractor, Dr. J. A. Davis and Dr. J. P. Bailey, Jr. Second follow-up activities were directed by Dr. Bailey; third follow-up activities were directed initially by Dr. Bailey, and then by Dr. J. R. Levinsohn. The fourth follow-up was initially directed by Dr. Levinsohn, and then by Dr. J. A. Riccobono.

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## Preface

The merged NLS data file represents a rich and complex source of information. It contains important and timely data of potential use to a broad spectrum of educators, researchers, policy analysts, and decision-makers. Preparation of this data file for general use by such a large and diverse set of users was a difficult task. Decisions as to the kind and extent of data editing that needed to be performed were by no means clearcut. In conflict were the need to maintain a faithful record of the original raw data--including respondent errors and inconsistencies--versus the need to provide a straightforward set of data for the typical researcher. The former need was given more importance in the approach to editing this file. That is, it was felt that editing, recoding, imputation, or other data transformation procedures should be minimized so as to limit tacit assumptions about the respondents or subjective interpretation of the data that would be required for these procedures. Any imputations or modification of the original data might be considered "biased" by other investigators. Where imputations are concerned, researchers should be free to set data standards in accordance with their specific needs. Thus, the data transformation procedures used were directed toward making the data available in a consistent and useful format which would preserve as accurately as possible the original responses of the study participants.

The file processing performed involved extensive verification, cleaning, and supplementary coding of the original data. Editing transformations were limited to verifying that respondents followed the written instructions and routing patterns in the questionnaire. If either type of instruction was violated, then supplementary codes were inserted in the data to indicate the location and nature of the violation. The extent and details of editing are the subject of this manual.

It would have been possible to provide another level of editing. Responses could have been edited with respect to the content of the question and with respect to the interrelations of sets of questions. But this kind of editing requires some guidelines and is usually directed by the particular set of hypotheses one wishes to investigate. Since the data file is designed for a broad range of investigators, and in the interest of timeliness, it was decided that any further editing must be left to the discretion of the analysts. This decision creates some additional work for the user, but it allows full
access to all the original detail in the data file. No analyses have been prohibited by preprocessing or prior summarization of the data.

The decision to produce the data file in this format places some additional responsibility on the user. Since little simplification of the data has been done, the analyst must exercise care in using the data file. The NLS data base is large and complex. The routing patterns in the instruments and the fact that data have been collected at different points in time require that the analyst view the data base holistically. Many of the individual items are not well suited to independent analysis. Moreover, it is necessary to consider the interdependent nature of such items and to study the patterns of response to those items.

Given consideration of these cautions and careful study of the documentation provided in this manual, the NLS data file will serve as the rich source of informaton that it was designed to provide.

The authors wish to thank all those people who have contributed to the production of this manual. For preparation of this document, special thanks are due to Debra Duncan, Mark Watson and Larry Leis of RTI's Computer Applications Center, Don King in the Survey Operations Center, Barbara Bentley in the Sampling Research and Design Center, and Cecille Stafford and Mary Ellen Taylor of the Center for Educational Research and Evaluation. In addition, grateful acknowledgment is due to Mrs. Pam Mikels for her excellent and patient assistance in the preparation of this manual. Finally acknowledgment is due for the considerable input of Dr. Kenneth Tabler, NCES project officer for NLS first follow-up activities, Mr. Elmer Collins, NCES project officer for NLS second and third follow-up activities, and Dr. Andrew Kolstad, NCES project officer for NLS fourth follow-up activities.

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## Part 1: Introduction

This manual is a guidebook to facilitate use of a data file prepared from information collected, processed, and systematically stored during the course of the National Longitudinal Study of the High School Class of 1972 (NLS), which has been conducted under contract to the National Center for Education Statistics (NCES), Office of the Assistant Secretary for Educational Research and Improvement, U.S. Department of Education. The primary goal of NLS is the observation of the educational and vocational activities, plans, aspirations, and attitudes of young people after they leave high school and the investigation of the relationships of these outcomes to their prior educational experiences, personal, and biographical characteristics. The study provides data to allow a better understanding of the development of students as they pass through the American educational system and of the complex factors associated with individual educational and career outcomes. Findings in these areas are essential as a basis for effective planning, implementation, and evaluation of Federal policies and programs designed to enhance educational opportunity and achievement and to upgrade occupational attainments and career outcomes.

The potential uses for the data gathered by these surveys are multifold; the broad data base and succession of observed effects can fill a widespread need on the part of educational researchers and administrators for information on the flow of young adults through the postsecondary occupational-educational system. These data can provide insight for identifying and understanding the major branching or decision points which affect the educational and life patterns of individuals in the period following secondary school. Important linkages or path choices can be traced; estimates of the associated transition probabilities can be provided; and insight into the relative importance of the factors which determine or otherwise affect these transition probabilities can be obtained.

## A. Background

In 1968, NCES conducted a survey to determine the specific data needs of educational policymakers and researchers. Respondents to the survey expressed a need for data that would allow comparisons of student educational and vocational experiences with later outcomes. This finding provided the impetus for NCES to begin planning for the first of an intended series of national longitudinal studies.

In April 1970, leading educational researchers and administrators met with Federal officials in Washington, D.C. The NLS reflects their guidance and the interests and data needs of a number of U.S. Office of Education (OE) agencies, ${ }^{1}$ including the Office of Planning, Budgeting, and Evaluation; the Bureau of Postsecondary Education; the Bureau of Occupational and Adult Education; the Bureau of Programs for the Handicapped; as well as NCES. Four advisory committees provided guidance in planning and implementing the survey. One committee was composed of research experts and representatives of various educational organizations; two others were made up of officials of state education agencies; and the fourth, an internal $O E$ users' committee, represented the data needs of the various offices and bureaus of the Education Division, U.S. Department of Health, Education, and Welfare.

Following a rather extensive period of planning, which included the design and field test of survey instrumentation and procedures, a full-scale survey was initiated in the spring of 1972. The sample design called for a deeply stratified national probability sample of 1,200 schools with 18 seniors per school, school size permitting. A total of 19,001 students from 1,061 high schools provided base-year data on up to three data collection forms: a Test Battery, a School Record Information Form, and a Student Questionnaire. The Student Questionnaire was completed by 16,683 seniors. ${ }^{2}$

The first follow-up survey was conducted from October 1973 to April 1974. Added to the base-year sample were 4,4501972 high school seniors from 257 additional schools that were unable to participate earlier. First follow-up forms were mailed to 22,654 students, and obtained from 21,350 by mail, telephone interview, or personal interview. Sample members were asked where they were in October 1973 and what they were doing with regard to work, education, and/or training. Similar information was requested for the same time period in 1972 to facilitate tracing of progress since leaving high school and to define the factors that might have affected that progress. Retrospective

1 The names of some Federal agencies involved in initiating and supporting NLS have changed subsequently as a result of various reorganizations. 2

Eight extra schools (containing 143 students) have been deleted from the NLS sample. No student data were collected from these eight schools in any of the survey efforts. See Appendix $H$ for a detailed accounting of school and student participation.
information on some base-year variables was requested from those added to the sample at this time. The first follow-up sample retention rate among the 16,683 seniors completing the Base-Year Questionnaire was 93.7 percent.

The second follow-up survey was conducted from October 1974 to April 1975, with forms mailed to 22,364 sample members. ${ }^{3}$ Information requested was similar to that of the first follow-up, but for the new time point; however, some new questions regarding work and education were included. Concurrently with the second follow-up, a special retrospective survey was conducted (using an Activity State Questionnaire) to obtain key activity status information about prior time points from those who had not provided this information previously. Second Follow-Up Questionnaires were obtained from 20,872 sample members by mail, telephone interview, or personal interview. Among the 21,350 persons who completed a First Follow-Up Questionnaire, sample retention rate for the second follow-up was 94.6 percent.

The third follow-up survey was conducted from October 1976 to May 1977. Third follow-up forms were mailed to 21,807 sample members, and 20,092 Third Follow-Up Questionaires were obtained by mail, telephone interview, or personal interview. Information collected included respondent status in October 1976, as well as for October of the intervening year (1975), and summaries of experiences and activities since the previous follow-up. The third follow-up sample retention rate for second follow-up respondents was 93.9 percent.

The fourth follow-up survey was conducted from October 1979 to May 1980, with Fourth Follow-Up Questionnaires sent to 20,862 sample members and obtained from 18,630 by mail, field interview, or telephone interview. Some 5,548 of these individuals were also requested to complete a Supplemental Questionnaire in order to collect key work and educational history data that had been requested but not obtained in prior follow-ups. Additionally, a subgroup of 2,648 sample members were retested during the fourth follow-up on a subset of the base-year test battery. The Fourth Follow-Up Questionnaire requested summaries of educational and occupational activities and experiences since the previous follow-up, including status at the time points of October 1977, 1978, and 1979. Given the time since high school graduation, some additional emphasis

[^1]was placed on other activities (e.g., family formation, political participation) in the fourth follow-up instrument. Fourth follow-up sample retention among the third follow-up respondents was 90.8 percent, and at the conclusion of fourth follow-up activities a total of 12,980 individuals had provided information on all questionnaires (base year and all four follow-up studies), representing 78 percent of the base year respondents. As a result of the various retrospective data collection efforts, the number of individuals with some key data elements for all time points is $16,450,73$ percent of the cases on the file.

## B. Purpose and Organization of the Users Manual

The principal purpose of this manual is to provide information that will permit potential users of the NLS data file to understand the nature and content of the currently available data file. Many of the aspects of conducting past NLS surveys that are not particularly relevant to that purpose are addressed only briefly. Since operational details of data collection, processing, and coding as well as details of the auxiliary operations of sampling, weighting, and special variable construction have obvious implications for the file user, they are considered in more detail.

The basic approach taken in preparing this manual has been to provide sufficient documentation in the text to allow the general understanding of the file needed by most users and to supplement this general overview with accompanying appendixes or external references, cited in the text, that detail specific issues of file use. Given the many complexities of the file, this approach allows a potential file user to pursue particular issues in the detail required while not burdening all readers of the manual with unnecessary detail.

The remainder of the text is divided into four parts. Part 2 provides the methodological background of sampling, weighting, and data collection as well as brief descriptions of the study data collection instruments. Part 3 indicates the procedures of file preparation, including data editing/coding entry operations and development of data quality indices and composites. Part 4 overviews the content and organization of the data file, and describes important blocks of data. Part 5 provides technical specifications for the data file and defines some potential processing problems.

Appendixes include copies of all NLS questionnaires, a complete codebook of file contents, frequency distributions for all variables on the file, a subject keyword index with cross references, a bibliography, and several detailed treatments of special topics, as indicated in the Table of Contents. Liberal reference to appropriate appendixes is provided in the text.

## I. THE SAMPLE

## A. Original Sample Design

The sample design for NLS is a stratified, two-stage probability sample of students from all schools, public and private, in the 50 states and the District of Columbia, which contained twelfth graders during the 1971-72 school year. The study excluded students from schools for the physically or mentally handicapped, those for legally confined students, and in special situations (such as area vocational schools) where students were also enrolled in other high schools in the sampling frame.

The first-stage school sampling frame was constructed from computerized school files maintained by the Office of Education and the National Catholic Education Assocation. It was divided into 600 final strata based upon the following variables: ${ }^{4}$

- Type of control (public or nonpublic)
- Geographic region (Northeast, North Central, South, and West)
- Grade 12 enrollment (three size categories)
- Proximity to institutions of higher learning (3 distance categories)
- Percent minority group enrollment (8 categories, public schools only)
- Income level of the community (11 categories, public schools; 8 categories, Catholic schools)
- Degree of urbanization (10 categories).

In the smallest size strata (fewer than 300 seniors), schools were selected with probabilities proportional to the estimated number of senior students; in the remaining size strata, schools were selected with equal probabilities. All selections were without replacement. The potential for including disadvantaged

[^2]students in the sample was increased by sampling schools in low-income areas and schools with a high proportion of minority group enrollment at twice the rate used for the remaining schools. ${ }^{5}$ Within each final stratum, four schools were selected, and then two of the four were randomly designated as the primary selections. The other two schools were retained as backup or substitute selections for use only if one or both of the primary schools did not cooperate.

The second stage of the sampling procedure consisted of first drawing a simple random sample of 18 students per school (or all if fewer than 18 were available) and then selecting five additional students (if available) as possible replacements for nonparticipants. In both cases, the students within a school were sampled with equal probabilities and without replacement. Early (i.e., mid-year) graduates and those attending adult education classes were excluded from the sampling.

## B. Sample Redefinitions and Augmentations

Of the 1,200 primary sample schools, 948 participated in the base-year survey, 21 had no senior students enrolled, and 231 either refused to participate or could not participate because the request was received too late in the school year. Due to this large school nonresponse, further attempts were made to secure participation of the 231 nonparticipant primary sample schools and replacements for the 21 schools that had no seniors. This "resurvey" activity, initiated by NCES in the period prior to the first follow-up survey, involved securing school cooperation and selecting random samples of up to 18 former students ( 1972 seniors) per school. The "resurvey" activities were successful in 205 of the 231 primary sample schools; thus, students from 1,153 of the 1,200 primary sample schools were included in the first follow-up and subsequent surveys.

Students selected from backup or substitute schools were also included in the base-year and follow-up surveys. In the base-year survey, 121 backup schools participated--including 26 schools which were "extra" in their final

[^3]Table 1.-Total Number of Participating Schools, By Survey

| Sample | Base-Year <br> Survey | First <br> Follow-Up <br> Survey | Final <br> Sample for <br> Follow-Up <br> Surveys |
| :--- | :---: | :---: | :---: |
| Primary Sample | 948 | 1,153 | 1,153 |
| Backup Sample: <br> "Extra" in Base-Year <br> Other | $26^{*}$ | -- | 18 |
| Augmentation Sample <br> Total | $\mathbf{9 5}$ | 131 | 131 |

*ight of these 26 extra schools have been dropped from the NLS sample. No student data were collected from the dropped schools in any of the survey periods.
stratum. A backup school was termed "extra" if both primary sample schools from that stratum also participated. Students from the 26 "extra" schools were not included in the first follow-up survey, but additional backup schools were included to obtain at least two participating schools in the first follow-up survey from each of the 600 original strata. In the second and later follow-up surveys, 18 of these "extra" schools were included to avoid elimination of cases with complete base-year data.

Samples of former 1972 senior students were also selected from 16 sample augmentation schools; these schools were selected from those identified in 200 sample school districts canvassed to identify public schools not included in the original school sampling frame. The augmentation schools defined eight additional strata (601-608). Samples of students selected from the 16 augmentation schools were not included in the base-year survey but were included on subsequent surveys. Table 1 summarizes school representation ${ }^{6}$.

[^4]C. Subsampling Procedures ${ }^{7}$

Subsampling was performed only in the fourth follow-up survey and was related to the retesting of a subsample of 1,016 NLS 1972 participants who had been administered the test battery during the base year. Eligible to participate in the Retest Study were the 14,628 NLS respondents who satisfied the following criteria:
(1) eligibility for the NLS fourth follow-up,
(2) completion of the base-year questionnaire, and
(3) completion of the base-year test battery.

Because a self-weighting retest subsample would have yielded an inadequate number of Black subsample members, a design option which oversampled Blacks was adopted. Specifically, two strata (a non-Black stratum and a Black stratum) were formed, and a self-weighting subsample was chosen within each of these explicit strata. Retest sample members were selected from the eligibles in the stratum with probability inversely proportional to their probability of being in the full NLS sample. This sampling procedure resulted in equal probabilities of selection, and thus, in equal weights, within a given stratum.

In addition to the explicit stratification by race, the sample was also controlled, within strata, on three factors (base-year ability, SES, and postsecondary educational achievement) believed to be highly correlated with retest ability scores. This control was achieved by applying an implicit stratification procedure.

## D. Student Weights

Unadjusted student weights, the inverses of sample inclusion probabilities, were calculated for all students sampled. These weights are a function of the school selection probabilities and the student selection probabilities within school. Because of the various sample redefinitions and augmentations (see above), and nonresponse to the various student instruments. Several sets of adjusted weights were computed. It should be noted that adjustments were made only for instrument nonresponse and, consequently, no adjustments were made for item nonresponse in returned questionnaires.

The general adjustment procedure used was a weighting class approach, which distributes the weights of nonrespondents to respondents who are most

[^5]like them (i.e., in the same weighting class). The adjustment involves partitioning the entire student sample (respondents and nonrespondents) into weighting classes (homogeneous groups with respect to survey classification variables), and performing the adjustments within weighting class. Adjusted weights for nonrespondents are set to zero and their unadjusted weights are distributed to respondents proportionally to the respondents' unadjusted weights. Differential response rates for students in different weighting classes are reflected in the adjustment, and the weight total within each weighting class (and thus for the sample as a whole) is maintained.

Several adjusted weights were calculated for the NLS sample members. Adjustments were made only for sample peculiarities, instrument nonresponse, and subsampling, and each weight is appropriate for a particular analysis (i.e., a particular respondent group). A complete specification of available weights and appropriate variables to which the weights apply is provided in Table 2. The specific procedures used in each of the several weight adjustment steps and the logic leading to the choice, as well as references to related reports, are provided in Appendix G.

## II. INSTRUMENTS ${ }^{8}$

## A. Base-Year Instruments

## 1. Student Questionnaire

Each student in the sample was asked to complete applicable portions of a Student Questionnaire containing 104 questions distributed over 11 major sections. The base-year Student Questionnaire dealt with factors related to the student's personal-family background, educational and work experiences, plans, aspirations, attitudes, and opinions. Students were given the option of completing the questionnaire in school or taking it home and answering the questions with the assistance of their parents.

[^6]Table 2.--Appropriate Weights for Various Data Sets and Variables

| Weight | Appropriate Data Set | Appropriate Variables |
| :---: | :---: | :---: |
| TBWT ${ }^{\dagger}$ | Respondents to base-year test battery | Variables defined from baseyear test battery |
| SRIFWT ${ }^{\dagger}$ | Respondents to School Record Information Form | Variables defined from baseyear School Record Information Form |
| W1 | Respondents to base-year Student Questionnaire ( $\mathrm{n}=16,683$ ) | Variables defined from baseyear Student Questionnaire items |
| W2 | ```Respondents to base-year Student Questionnaire or the First Follow-Up Questionnaire (Form B) (n=21,222)``` | ```Variables defined from base- year Student Questionnaire items 2, 5, 8, 10, 16, 27, 83, 84, 88, 91, 92, 93, 94``` |
| W3 | Respondents to First Follow-Up Questionnaire ( $\mathrm{n}=21,350$ ) | Variables defined from First Follow-up Questionnaire items |
| W4 | Respondents to the base-year Student Questionnaire and the First Follow-Up Questionnaire ( $\mathrm{n}=15,635$ ) | Change variables defined using items from both the base-year Student Questionnaire and the First Follow-Up Questionnaire |
| W5 | Respondents to either <br> i) the base-year Student Questionnaire and the First Follow-Up Questionnaire (Form A), or <br> ii) the First Follow-Up Questionnaire (Form B) ( $\mathrm{n}=20,174$ ) | Change variables defined using base-year Student Questionnaire items 2, $5,8,10,16,27, .83,84$, $88,91,92,93,94$, and 95 and First Follow-Up Questionnaire items |
| W6 | Respondents to either the base-year Student Questionnaire or the First Follow-Up Questionnaire ( $\mathrm{n}=22,398$ ) | Variables with values defined from data available for each student in the release file |
| W7 | Raw unadjusted weight for all students, either respondents or nonrespondents ( $n=23,451$ ) | ------ |
| W8 | Respondents to Second Follow-Up Questionnaire ( $\mathrm{n}=20,872$ ) | Variables defined from Second Follow-Up Questionnaire items only |

Table 2.--Appropriate Weights for Various Data Sets and Variables--Continued

| Weight | Appropriate Data Set | Appropriate Variables |
| :---: | :---: | :---: |
| W9 | Respondents to the base-year Student Questionnaire and the Second Follow-Up Questionnaire ( $\mathrm{n}=15,444$ ) | Change variables defined from base-year Student Questionnaire and Second Follow-Up Questionnaire items |
| W10 | Respondents to the First FollowUp Questionnaire and the Second Follow-Up Questionnaire ( $\mathrm{n}=20,194$ ) | Change variables defined from First Follow-Up Questionnaire and Second Follow-Up Questionnaire items |
| W11 | Respondents to the base-year Student Questionnaire, the First Follow-Up Questionnaire, and the Second Follow-Up Questionnaire ( $\mathrm{n}=14,900$ ) | Change variables defined using items from all three questionnaires |
| W12 | Respondents in either the baseyear Student Questionnaire or the First Follow-Up Questionnaire or the Second Follow-Up Questionnaire ( $\mathrm{n}=22,532$ ) | Variables with values defined from data available for any of the respondents to the base-year, first followup, or second follow-up |
| W13* | Respondents to Third Follow-Up Questionnaire key items ( $\mathrm{n}=20,092$ ) | Variables defined from key Third Follow-Up Questionnaire items only |
| W14* | Respondents to the base-year Student Questionnaire and and Third Follow-Up Questionnaire key items ( $n=14,839$ ) | Variables defined from baseyear and key Third FollowUp Questionnaire items |
| W15* | Respondents to the First FollowUp Questionnaire and the Third Follow-Up Questionnaire key items ( $\mathrm{n}=19,358$ ) | Variables defined from First Follow-Up Questionnaire and key Third Follow-Up Questionnaire items |
| W16* | Respondents to the Second FollowUp Questionnaire and Third Follow-Up Questionnaire key items ( $n=19,611$ ) | Variables defined from Second Follow-Up Questionnaire and Third Follow-Up key Questionnaire items |

Table 2.--Appropriate Weights for Various Data Sets and Variables--Continued

| Weight | Appropriate Data Set | Appropriate Variables |
| :---: | :---: | :---: |
| W17* | Respondents to base-year or extended base-year item subset (items $2,5,8,10,16,27$, 83, 84, 88, 91-95) and First Follow-Up, Second Follow-Up, and key items of Third Follow-Up Questionnaires ( $\mathrm{n}=17,993$ ) | Variables defined from questionnaire items from each of the four survey instruments or extended base-year subset and the three follow-up instruments (key items only for Third FollowUp) |
| W18* | Respondents to all four survey instruments, base-year through key items in Third Follow-Up ( $\mathrm{n}=14,112$ ) | Variables defined from all items located in all four survey instruments (key items only for Third Follow-Up) |
| W19 ${ }^{*}$ | Respondents to any survey instrument, base-year or first follow-up or second follow-up or third follow-up key items $\overline{(n}=22,652)$ | Variables defined such that they obtain values regardless of which instrument was returned (key items only for Third Follow-Up) |
| $\mathrm{W} 20{ }^{*}$ | Respondents to First, Second and key items of Third Follow-Up Questionnaires ( $n=19,015$ ) | Variables defined using items from each of the three follow-up instruments (key items only for Third FollowUp) |
| $W 21{ }^{\dagger \dagger}$ | ```Respondents to Fourth Follow-Up key questionnaire items ( }\textrm{n}=18,630\mathrm{ )``` | Variables defined from Fourth Follow-Up key questionnaire items only |
| W22 ${ }^{\dagger \dagger}$ | Respondents to the base-year Student Questionnaire and Fourth Follow-Up key questionnaire items ( $\mathrm{n}=13,847$ ) | Variables defined from the base-year questionnaire and Fourth Follow-Up key questionnaire items |
| W23 ${ }^{\dagger \dagger}$ | Respondents to the First Follow-Up questionnaire and the Fourth Follow-Up key questionnaire items ( $\mathrm{n}=17,928$ ) | Variables defined from First Follow-Up Questionnaire and Fourth Follow-Up key questionnaire items |

Table 2.--Appropriate Weights for Various Data Sets and Variables--Continued

| Weight | Appropriate Data Set | Appropriate Variables |
| :---: | :---: | :---: |
| W24 ${ }^{\dagger \dagger}$ | Respondents to the Second Follow-Up Questionnaire and the Fourth Follow-Up key questionnaire items ( $\mathrm{n}=18,176$ ) | Variables defined from Second Follow-Up questionnaire and Fourth Follow-Up key questionnaire items |
| $W 25^{\text {tint }}$ | Respondents to the Third Follow-Up key questionnaire items and the Fourth Follow-Up key questionnaire items ( $\mathrm{n}=18,245$ ) | Variables defined from the Third Follow-Up key questionnaire items and Fourth Follow-Up key questionnaire items |
| $W 26^{\dagger t *-t}$ | Respondents to base-year or extended base year item subset (items 2, 5, 8, $10,16,27,83,84,88$, 91-95) and First Follow-Up Questionnaire, Second Follow-Up Questionnaire, Third Follow-Up key questionnaire items, and Fourth Follow-Up key questionnaire items ( $n=16,450$ ) | Variables defined from questionnaire items from each of the five survey instruments or from extended base-year subset and the four follow-up instruments [key items only for third and fourth follow-up] |
| $W 27^{\dagger \dagger * *}$ | Respondents to all five survey instruments, base year through Third and Fourth Follow-Up key questionnaire items ( $\mathrm{n}=12,980$ ) | Variables defined from all items located in all five survey instruments (key items only for Third and Fourth Follow-Up) |
| $W 28^{\dagger \dagger * *}$ | Respondents to any survey instruments, base-year or First Follow-Up or Second Follow-Up or Third Follow-Up key questionnaire items or Fourth Follow-Up key questionnaire items ( $\mathrm{n}=22,652$ ) | Variables defined such that they obtain values regardless of which instrument was returned (key items only for Third and Fourth Follow-Up) |
| W29 ${ }^{\dagger \dagger * *}$ | Respondents to First and Second Follow-Up Questionnaires and to key Third Follow-Up and Fourth Follow-Up Questionnaire items ( $n=17,366$ ) | Variables defined using items from each of the four follow-up instruments (key items only for Third and Fourth Follow-Up) |

Table 2.--Appropriate Weights for Various Data Sets and Variables--Continued

| Weight | Appropriate Data Set | Appropriate Variables |
| :--- | :---: | :--- |
| WEIGHT | Respondents to Fourth Follow-Up <br> retest $(\mathrm{n}=692)$ | Fourth Follow-Up retest <br> scores |

[^7]
## 2. Test Battery ${ }^{9}$

In addition to the Student Questionnaire, each student in the base year was asked to complete a 69 -minute Test Book measuring both verbal and nonverbal ability. The Test Book consisted of six tests, which are described briefly below in the sequential order of administration.
a. Vocabulary (15 items, 5 minutes). A brief test using synonym format. The items were selected to avoid academic or collegiate bias and to be of an appropriate level of difficulty for the twelfth grade population.
b. Picture Number ( 30 items, 10 minutes). A test of associative memory consisting of a series of drawings of familiar objects each paired with a number. The student, after studying the picture number pairs, is asked to recall the number associated with each object.
c. Reading (20 items, 15 minutes). A test based on short passages (100-200 words) with several related questions concerning a variety of reading skills (analysis, interpretation) but focusing on straightforward comprehension. In combination with the vocabulary test, it provides a means to derive a verbal score which can allow links to the normative data available for SAT.
d. Letter Groups ( 25 items, 15 minutes). A test of inductive reasoning requiring the student to draw general concepts from sets of data or to form and try out hypotheses in a nonverbal context. The items consist of five groups of letters among which four groups share a common characteristic while the fifth group is different. The student indicates which group differs from the others.
e. Mathematics (25 items, 15 minutes). Quantitative comparisons in which the student indicates which of two quantities is greater, or asserts their equality or the lack of sufficient data to determine which quantity is greater. This type of item

[^8]is relatively quickly answered and provides measurement of basic competence in mathematics.
f. Mosaic Comparisons (116 items, 9 minutes). A test which measures perceptual speed and accuracy through items which require that small differences be detected between pairs of otherwise identical mosaics or tile-like patterns. A deliberately speeded test, it has three separately timed sections consisting of increasingly more complex mosaic patterns.
3. School Record Information Form

Base-year data were also obtained from a Student's School Record Information Form (SRIF). Items on the SRIF pertained to the student's high school curriculum, grade point average, credit hours in major courses, and (if applicable) his or her position in ability groupings, remedial-instruction record, involvement in certain federally supported programs, and scores on standardized tests.
4. Other School-Related Questionnaires ${ }^{10}$

Finally, a School Questionnaire and one or two Counselor Questionnaires were also obtained for each participating high school. Counselor Questionnaires were not obtained from schools involved in the "resurvey" activity.

## B. First Follow-Up Instruments

Two forms (A and B) of a First Follow-Up Questionnaire were developed and designed for self-administration by the student. Form A was mailed to each sample member who responded to the base-year Student Questionnaire, and consisted of 85 questions distributed over five major sections. Seniors from the high school class of 1972 who were added to the sample through the resurvey activity or who were otherwise unable to participate in the base-year survey (usually because of time and scheduling considerations) were mailed Form B of the questionnaire, which contained an additional section of 14 questions to supplement, retrospectively, missing base-year key information. Otherwise the

[^9]forms were identical. Questions dealt with information concerning the respondent's activity state (education, work, etc.) in October 1972 and October 1973; his or her socioeconomic status; work and educational experiences since leaving high school; and future educationl and career plans, aspirations, and expectations. Most were of forced-choice format. Open-ended, or free-response, questions were limited to questions involving dates, income, number of hours or weeks worked, and the like.

## C. Second Follow-Up Instruments

## 1. Basic Questionnaire

The Second Follow-Up Questionnaire was similar in format and information requested to the one administered in the first follow-up, but contained additional questions regarding work and education. It contained 153 questions arranged in seven sections-General, Education and Training, Work, Family, Military, Activities and Opinions, and Background Information. The instrument requested updated information concerning the activity status of NLS sample members as of fall 1974. In addition to activity states, information concerning family status, personal attitudes, opinions, and plans were obtained. As was the case in the first follow-up, most of the instrument items were of forcedchoice format.
2. Activity State Questionnaire ${ }^{11}$

This brief questionnaire contained only 15 items regarding activity states in October of 1972 and 1973 and background information about high school program and parents' education and occupation. The questionnaire was administered to collect this information retrospectively from those individuals who had not provided it in Base-Year or First Follow-Up Questionnaires.

## D. Third Follow-Up Instruments

The Third Follow-Up Questionnare followed the format of previous follow-up questionnaires. It contained 158 questions organized in a seven-section arrangement similar to that of the second follow-up. In addition to repeating

[^10]major measures of past questionnaires, the third follow-up instrument collected information on activity states for October 1975 and October 1976, graduate school application and entry, job supervision, sex-role orientation, sex and race biases, and a subjective rating of high school experiences. As in previous instruments, most questions were forced-choice.

## E. Fourth Follow-Up Instruments

## 1. Basic Questionnaire

The Fourth Follow-Up Questionnaire contained 202 questions organized into seven sections analogous to the two previous follow-up questionnaires. The questions sought information concerning the individual's education and work experiences, family status, plans, aspirations, attitudes, and opinions. As in previous instruments, most questions were forced choice. To maintain the longitudinal nature of the study, many of the questions were the same as those used in the base-year, first, second, and third follow-up surveys; however, some questions were modified or added to obtain unique information.

## 2. Supplemental Questionnaire

A Supplemental Questionnaire was also developed to obtain, retrospectively, important information missing for a respondent from previous years. The Supplemental Questionnaire consisted of 11 brief sections (Forms A-K), the contents of which were: (a) Form A, School attendance in October 1972; (b) Form B, Job held in October 1972; (c) Form C, School attendance in October 1973; (d) Form D, Job held in October 1973; (e) Form E, School attendance in October 1974; (f) Form F, Job held in October 1974; (g) Form G, School attendance in October 1975; (h) Form H, Job held in October 1975;
(i) Form I, School attendance in October 1976; (j) Form J, Job held in October 1976; and (k) Form K, License or diploma status as of October 1976. The Supplemental Questionnaires actually administered to a particular sample member consisted of from two to four of the possible sections, specifically tailored to that sample member's pattern of missing responses. ${ }^{12}$

[^11]
## 3. Test Battery ${ }^{13}$

A twenty-minute test (a subset of the base-year test battery including the vocabulary and mathematics items) was administered to a subsample of sample members during the fourth follow-up.
III. DATA COLLECTION PROCEDURES
A. Base-Year Data Collection ${ }^{14}$

Within the 1,061 schools participating in the base-year survey, the resulting student sample of $19,001{ }^{15}$ produced varying response rates for each of the data collection instruments. The bulk of the student data was collected in April, May, and June of 1972 through group administration in each participating school. Survey administrators completed a School Record Information Form (SRIF) for each participating student, plus approximately 1,000 additional students during the summer of 1972. ${ }^{16}$ Base-Year Questionnaire data are available for a total of 16,683 sample members; SRIF data are available for 21,738 ; and test data are available for 15,860 individuals.
B. First Follow-Up Data Collection ${ }^{17}$

Data collection for first follow-up began with an extensive tracing operation to update name and address files. A newsletter was developed and mailed in July 1973 not only to encourage participation but also to use as a

[^12]vehicle for updating names and addresses. When mail was returned by the U.S. Postal Service as undeliverable, telephone tracing procedures were used to obtain current addresses where possible.

The base-year name and address file contained 19,001 records; however, only 18,672 of these individuals (from 1,043 schools) were used for the first follow-up survey. ${ }^{18}$ In addition, 4,450 individuals from 257 resurvey schools were added to the base-year lists. ${ }^{19}$ Prior to the questionnaire mailout, 468 individuals were excluded for operational reasons (e.g., inaccurate addresses, deceased), yielding a target survey group of 22,654 .

Questionnaires were mailed to the last known addresses of the resulting sample in October of 1973. This mailout was followed by a planned sequence of reminder postcards, additional questionnaire mailings, and reminder mailgrams to nonrespondents. The questionnaire return rate by mail was 61.5 percent. To improve data quality, telephone follow-up interviews were initiated to individuals for whom responses to key items were incomplete or inconsistent (see Appendix $B$ for definition of critical items). The names and addresses of those sample members who failed to mail back their questionnaires were then turned over to the Bureau of the Census for personal interviews in accordance with a Bureau arrangement with the U.S. Office of Education. This personal interview phase of first follow-up data collection continued into April of 1974, at which time questionnaire data had been obtained from 21,350 sample members (a response rate of 94.2 percent of the target survey group and 91.0 percent of the total sample of 23,451 ).
c. Second Follow-Up Data Collection ${ }^{20}$

Among the core of $23,451 \mathrm{NLS}$ sample members, $22,364^{21}$ were available as a

[^13]target survey group for the second follow-up. Excluded were several categories of individuals who were unavailable for survey. These categories included refusals obtained in the base-year or first follow-up surveys (those who stated they were unwilling to participate in the study), ineligibles (those out of the country, institutionalized, deceased, mentally retarded, etc.), and no address (those who were untraceable as of fall 1974). Data collection activities took place from July 1974 through June 1975. Survey activities included the mailout of newsletters to sample members, telephone tracing of those individuals whose newsletters and/or questionnaires were returned as undeliverable, mailing of letters to parents of respondents to advise them of their child's involvement in the study, questionnaire and postcard mailouts, mailgram and telephone contacts with nonrespondents to mail efforts, personal interviews, and telephone interviews for incomplete key data on returned questionnaires. ${ }^{22}$ A total of 20,872 Second Follow-Up Questionnaires were obtained by mail ( 5,814 by personal interview) for a response rate of 89.0 percent of the total sample and 93.3 percent of the second follow-up target group.
D. Activity State Survey ${ }^{23}$

Concurrent with second follow-up data collection activities, a special survey operation was also undertaken. This survey was initiated in response to the extent of missing activity state information for the base year and first follow-up. About 3,100 respondents could not be classified into an activity state for October 1972; over 2,400 could not be classified for October 1973; and over 3,500 could not be classified into the activity state transition matrices. The unclassifiable cases appeared to be more heavily represented by low SES and low aptitude respondents, thus introducing a potential bias for certain analyses. Second follow-up activities underway at that

[^14]time were obvious vehicles for collecting these data efficiently. Telephone calls were in process for Second Follow-Up Questionnaires that had failed the edit checks (see Appendix D, Section II.A), and the additional questions were added to the already scheduled calls. Similarly, field interviewers would begin contacting second follow-up mail nonrespondents in early January 1975, and questions could be added. Consequently, the Activity State Questionnaire was administered only by field interviewers or telephone interviewers.

The number of respondents to be recontacted was determined to be 3,904 among whom 218 had been removed from active NLS participaton because of refusal, physical or mental handicaps, or they could not be located. The status of the remaining 3,686 respondents to be contacted in the second follow-up was:
(1) 1,580 nonrespondents, subject to field interview;
(2) 739 fail-edit, subject to telephone call;
(3) 1,367 passed edit, in process or in transit, subject to special telephone call.

A total of 3,088 Activity State Questionnaires were completed, a completion rate of 83.8 percent of the eligible target group.

The resulting data served as the base for updating all 1972 and 1973 activity states and computing various composite values (father's occupation, high school program, mother's and father's education level). Since the ASQ survey was an additional survey, one or two years removed from the initial surveys, ASQ data were not used to replace corresponding base-year or first follow-up items. These data were used solely to compute updated activity states or updated composites which are distinct variables in the release file.

## E. Third Follow-Up Data Collection ${ }^{24}$

Of the 23,451 NLS sample members, 21,807 were in the third follow-up survey target group. Original sample members, regardless of their response status to the base-year, first follow-up, or second follow-up surveys, were included unless they were deceased, they had refused further participation,

[^15]they were physcially or mentally incapable of further participation, or their whereabouts were unknown to parents or alternate contacts. During the period August 1976 through June 1977, data collection methods used by RTI to increase the response included the mailout of newsletters to sample members, telephone tracing of those individuals whose newsletters and/or questionnaires were returned as undeliverable, mailing "alert" letters to sample members and to parents whose address was the same as the sample member, three questionnaire mailouts including a $\$ 3.00$ incentive payment with the initial questionnaire, postcard and mailgram follow-ups with nonrespondents at predetermined intervals, telephone interviews to obtain data on key items (see Appendix B) and personal interviews with those for whom data were otherwise uncollectable. As in prior follow-up surveys, additional telephone interviews were conducted with sample members providing incomplete key data. The major mailout took place in October 1976. A total of 20,092 Third Follow-Up Questionnaires were completed during the data collection period ( 16,102 by mail, and 3,990 by personal or telephone interview) for a response rate of 92.1 percent of the target group and 85.7 percent of the total sample.

## F. Fourth Follow-Up Data Collection ${ }^{25}$

In early Otober 1979, after additional tracing to update the name and address files, questionnaires were mailed to the last known addresses of 20,862 sample members in a target group for whom addresses appeared sufficient and correct and who had not been removed from active status by prior refusal, reported death, or other reason. This mailout was followed by a planned sequence of reminder postcards, additional questionnaire mailings, and reminder mailgrams. The total number responding by mail was 14,356 ( 68.8 pecent of those mailed).

Among the mail respondents, nonresponse or indeterminacy of specific questionnaire items existed; however, telephone follow-up was initiated to gather as complete data as possible on a critical set of questions (see Appendix B). Additional data collection efforts were initiated for those who failed to mail back their questionnaires by January 1980. Personal or

[^16]telephone interviews were completed for 4,274 additional individuals, ${ }^{26}$ increasing the overall number of returns to $18,630,89.3$ percent of the target group and 79.4 percent of the total sample.

The fourth follow-up survey also involved the distribution of a tailored Supplemental Questionnaire to a target group of 5,548 active sample members. 27 The purpose of this activity was to attempt to collect key data in the areas of work and educational history that had been requested in prior follow-ups but had not been obtained. A total of 4,541 ( 81.9 percent of the target group) sample members completed the questionnaire by mail, telephone, or personal interview.

Additionally, retests were targeted to be personally administered to a subsample of 1,016 sample members. Test results were obtained from 692 of those in the subsample, for a response rate of 68.1 percent. Additonal test data was requested from all those who had participated in the base-year testing and who were scheduled for personal interview. This resulted in additional test data for 1,956 individuals ( 50.3 percent of those defined as requesteligible). ${ }^{28}$

## G. Questionnaire Response Patterns

A total of $32\left(2^{5}\right)$ response patterns are defined by the completion or noncompletion of the Base-Year Questionnaire and the four primary questionnaires used in the first through the fourth follow-up surveys. The number of sample members defined by each of these response patterns is provided in Table 3. Additional detail is provided in Appendix $G$.

[^17]Table 3.--Response Patterns for Base-Year, First Follow-Up, Second Follow-Up, Third Follow-Up, and Fourth Follow-Up Questionnaire Completion

| Response Pattern | Base <br> Year | First <br> Follow-Up $\dagger$ | $\begin{gathered} \text { Second } \\ \text { Follow-Up } \end{gathered}$ | Third Follow-Up Key Questionnaire Items* | Fourth Follow-Up Key Questionnaire Items* | Number of Students |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | No | No | No | No | No | 799 |
| II | No | No | No | No | Yes | 0 |
| III | No | No | No | Yes | No | 21 |
| IV | No | No | No | Yes | Yes | 99 |
| V | No | No | Yes | No | No | 7 |
| VI | No | No | Yes | No | Yes | 9 |
| VII | No | No | Yes | Yes | No | 16 |
| VIII | No | No | Yes | Yes | Yes | 102 |
| IX | No | Yes | No | No | No | 295 |
| X | No | Yes | No | No | Yes | 14 |
| XI | No | Yes | No | Yes | No | 28 |
| XII | No | Yes | No | Yes | Yes | 84 |
| XIII | No | Yes | Yes | No | No | 302 |
| XIV | No | Yes | Yes | No | Yes | 89 |
| XV | No | Yes | Yes | Yes | No | 517 |
| XVI | No | Yes | Yes | Yes | Yes | 4,386 |
| XVII | Yes | No | No | No | No | 439 |
| XVIII | Yes | No | No | No | Yes | 47 |
| XIX | Yes | No | No | Yes | No | 3 |
| XX | Yes | No | No | Yes | Yes | 15 |
| XXI | Yes | No | Yes | No | No | 49 |
| XXII | Yes | No | Yes | No | Yes | 17 |
| XXIII | Yes | No | Yes | Yes | No | 65 |
| XXIV | Yes | No | Yes | Yes | Yes | 413 |
| XXV | Yes | Yes | No | No | No | 475 |
| XXVI | Yes | Yes | No | No | Yes | 29 |
| XXVII | Yes | Yes | No | Yes | No | 65 |
| XXVIII | Yes | Yes | No | Yes | Yes | 166 |
| XXIX | Yes | Yes | Yes | No | No | 608 |
| XXX | Yes | Yes | Yes | No | Yes | 180 |
| XXXI | Yes | Yes | Yes | Yes | No | 1,132 |
| XXXII | Yes | Yes | Yes | Yes | Yes | 12,980 |
| TOTAL |  |  |  |  |  | 23,451 |

$\dagger$ Forms A and B are not differentiated.

* Includes telephone interviews.

NOTE.--Does not include specific questionnaire or activity state items obtained through the Activity State or Supplemental Questionnaires.

## Part 3: File Preparation

## I. FOLLOW-UP DATA PREPARATION AND ENTRY ${ }^{29}$

Follow-up questionnaires returned by mail were routed on a flow basis to a central check-in point for initial processing. Each respondent's six-digit ID number and batch number were noted and transmitted to the data processing section for entry into an automated survey support system so that a daily count could be maintained on the number of questionnaires already received and inhouse. Batches were then routed to the pre-machine (manual) editing section where certain checks were made to ascertain if each questionnaire contained a minimum set of critical data. Questionnaires which passed this manual edit stage were then transmitted to the direct data entry section to be transformed into machine-readable form. Those questionnaires which failed the manual edit procedures were routed to the telephone follow-up section where contact was made with the respondent to resolve problems uncovered in manual edit. After resolution, these questionnaires were also transmitted to the direct data entry section for encoding. After data entry operations, questionnaires were placed in temporary secure storage prior to microfilming and eventual destruction. At each phase of the document flow, appropriate event entries were made to the automated survey support system so that there could be constant monitoring of the location of all questionnaires in the document flow process.

## A. Manual Pre-Machine Editing

The general approach considered in the pre-machine editing centered around the following ideas: if specified critical or "key" questions were answered, or could be presumed by responses to other related items, then a questionnaire would be accepted--no matter how little other information was given. ${ }^{30}$ However, if a respondent failed to properly answer these key items, the questionnaire was marked as failing edit and the respondent was scheduled for telephone follow-up in order to obtain these priority data.

[^18]
## B. Manual Coding

Manual recoding of alphabetic information into numeric form was performed in a few areas of the questionnaire prior to transformation into machine-readable form. ${ }^{31}$ Job area or occupation was recoded into the corresponding three-digit code specified in the Census Index of Occupations. The complete three-digit occupational classification scheme is presented in Appendix C.1.

The other major area involving recoding of alphabetic data concerned school information. Postsecondary school identification provided by respondents, whether of the college or university type or of the vocational-technical type, was coded into six-digit U. S. Department of Education (ED) vendor or FICE codes, using a master index provided by ED. ${ }^{32}$ Fields of study reported by respondents who attended school during the post-high school period were recoded into HEGIS categories, using both the four-digit academic subdivisions of knowledge and training provided by the HEGIS Taxonomy ${ }^{33}$ (Academic Subdivisions) and the six-digit HEGIS technological and occupational schemes (see Appendix C. 2 for a list of six-digit field of study codes).

There were questions in each follow-up questionnaire which had closed- or fixed-response alternatives and which included an "other" option with room for the respondent to write in his particular answer. Whenever possible, the "other" choice (when selected by the respondent) was reclassified by manual editing into the closed-choice options provided. Where this was not obvious or logical, the "other" option was retained in the coding, but the alphabetic description was not included on the data file. In some areas

[^19]new categories were created from "other" responses and assigned codes, thus eliminating alpha data for these items. A list of the latter items with newly created categories and their respective codes is presented in Appendixes C.6-C.8.

There were some questions in the follow-up questionnaires for which no numeric coding was performed. That is, the written replies of the respondents were recorded as they appeared on the questionnaire. The user should be aware of these alphabetic fields and use appropriate computer techniques to process them.

## C. Telephone Follow-Up

Questionnaires which failed the manual edit process (or computer edit in the case of fourth follow-up) because insufficient information was available for "key" questions were examined carefully by telephone follow-up staff in preparation for a telephone interview with the respondent. Telephone follow-up personnel were trained in questionnaire administration and editing so that they would be able to cope with any instrument-related questions a respondent might bring up.

## D. Direct Data Entry Operations

Follow-up data were transformed to machine-readable form by the use of programmable direct data entry terminals. Major advantages of this type of data transformation include higher speed, fewer processing steps, and lower transcription error rate. The terminals were programmed to accept only values within a specified range for most of the data fields, and only specific field widths for all data items. Acceptable ranges for fixed format variables were decided prior to data entry and were programed for the terminals; data provided by the respondent which were outside of these a priori ranges were specially coded to indicate that condition.

## E. Retest Data Processing

Answers to test items, which corresponded to the vocabulary and mathematics portions of the base-year test battery, were coded on an RTI special answer sheet. Separate sections existed on the answer sheet for answering vocabulary items and mathematic items from the test book. Completed answer sheets were optically scanned by a nearby scoring center which produced a computer tape containing item scores for each question in the Student Test

Book for each participating respondent. From these data, four retest related variables were computed and included on the NLS data file. The variable F4FUVERB indicates number of correct responses and VERBFORM is the formula score for the verbal portion of the retest; F4FUMATH indicates number of correct responses and MATHFORM is the formula score for the mathematics portion of the retest.

## II. ERROR AND MISSING DATA CODES

A set of standard "error" codes were defined and applied uniformly across the file (except as noted below concerning code 95) to indicate certain common classes of erroneous or missing data. These codes are listed below:

93 - Partial response. This code is used only for questions in the First Follow-Up Questionnaire which employ the two-column response format (e.g., FQ1). ${ }^{34}$ Each of these questions consists of a set of sub-items and requires the respondent to indicate whether each sub-item applies or does not apply. If the respondent answered at least one, but not all, of the sub-items for a question of this kind, then those unanswered sub-items were coded 93 to indicate a partial response to the question.

94 - Don't know. This code indicates a written response by the respondent indicating he did not know the answer.

95 - Out-of-range response. This code is used when the response or transcription exceeds the specified field width. Additionally, for the second, third, and fourth follow-up items listed in Appendix D, 95's were assigned to values outside the listed acceptable ranges. This code is described more fully in the following section.

96 - Multiple response. This is used if the respondent gave several answers to a question when the directions called for only one, and the multiple response could not be resolved. ${ }^{35}$

97 - Refusal. This code indicates that the respondent refused to answer an item either by written statement or in the interview.

98 - Blank, or nonresponse. This code represents nonresponse in all cases other than those identified as legitimate nonresponse (see below).

99 - Legitimate nonresponse. This is used when the respondent should not have answered the question and did not, i.e., he was routed around

[^20]an item. If the respondent did not answer an entire instrument, then all fields representing that instrument were also coded 99.36
The codes specified above apply to data items with two-digit fields only; for items with three-digit fields, the error codes have two leading nines followed by the appropriate digit indicating the particular class of error--that is, 993 through 999. For four-, five-, and six-digit fields, the number of leading nines. was increased accordingly.

## III. MACHINE EDITING PROCEDURES

Following the data entry process, an extensive machine edit of all NLS data was necessary in preparing the release files for public use. This machine edit process involved rigorous checking of all routing patterns within an instrument (not just skip patterns containing "key" or critical items) as well as range checks for all items and the assignment of error and missing data codes as necessary. "Hard copy" or source document checks were required in some cases for error resolution. As a result, the final data file contains only (a) valid response codes, 37 (b) error or missing data codes, and (c) "logically recoded values" including, in each case, an indicator for the reasons for such a recode (see Section $C$ concerning routing checks).

Three sequential machine editing programs were employed and are described below. (These programs were not applied to the NLS base-year data, since these data were already subjected to editing procedures employed by the previous contractor. The base-year data were simply reformatted, and in some cases recoded, to achieve consistency with the first follow-up data on the file.)

## A. Range Checks

The first program in the editing sequence dealt with out-of-range data. This program checked the responses to each fixed-response item against a specified range of acceptable values, "flagged" any value that fell outside of

[^21]this range, and recoded each flagged datum to 95 to indicate the occurrence of an out-of-range response. It should be noted that this recoding procedure was applied to fixed-choice items only. In each follow-up, acceptable ranges also were specified for free-response items calling for numeric data (see Appendix D). In most cases, there were some responses outside of these ranges. In general, these responses were logically possible but were considered highly improbable. Appendix $P$ lists in detail the range and frequency of these data. It is recommended that the user make his own decisions as to what are acceptable data for these items, using as guidelines the ranges set forth in Appendix $D$, Section VII Tables D.4-D.8).

The exclusion (or recoding) of values outside the specified ranges for second follow-up, third follow-up, fourth follow-up, and Supplemental Questionnaire items was considered to be reasonable since values beyond these bounds were highly suspect. Hence, no values exceeding these ranges appear on the data file for the follow-up and Supplemental Questionnaire items.

## B. Consistency Checks

The second program of the machine editing sequence was concerned with checking the consistency of an individual's responses over the entire questionnaire. For each follow-up, a set of internal checks, or response comparisons, were selected on an a priori basis for this purpose. The consistency program read the responses comprising each individual's record and tallied those consistency checks which were failed. As described in the following section, indices were subsequently computed for each record based on the number of consistency checks failed by the individual. These consistency indices reflect the internal consistency of a record, and, therefore, provide the user with a rough indication of the quality of each respondent's data. (See Appendix D, Section VIIIB.)

## C. Routing Checks

The follow-up instruments contain many, and in some cases rather complex, routing instructions. An extensive coding and flagging system has been devised to verify the respondents progress through these patterns. This system labels any respondent errors or inconsistencies that occur.

The first follow-up instrument includes 33 routing questions, with 52 routing items appearing in the second follow-up instrument, 62 in the third
follow-up instrument, 61 in the fourth follow-up instrument, and 22 possible routing items in the Supplemental Questionnaire. A routing question is one that either implicitly or explicitly directs a respondent around other questions in the instrument. The aim of the routing questions is to quickly move respondents around questionnaire sections that do not apply to them. In order to determine if the respondents correctly followed the routing patterns, a routingcheck program was developed and implemented. This program read each record and flagged responses to all routing questions which were inconsistent with the subsequent pattern of response. Two kinds of routing flags were used; one indicating the type of inconsistency and the other the level of inconsistency. Three types of inconsistencies have been identified:

1. A first type of inconsistency occurs when the response to a routing item indicates that the questions associated with that item (i.e., contained within the routing pattern) should be skipped but are not (error of commission). When this type of inconsistency was detected, the response to the routing question was recoded by adding 20 to the original response code.
2. A second type of inconsistency occurs when the response to the routing item indicates that the questions associated with that item should be answered but are not (error of omission). Here recoding involved adding 40 to the routing-question response code.
3. The third type of inconsistency is actually a combination of the first two types. This type of inconsistency arises when the response to the routing item indicates that certain questions should be skipped but are not (type one) and other questions should be answered but are not (type two). In these cases, recoding involved adding $60(20+40)$ to the routing question response codes.
Examples of the testing and recoding procedure employed by the routing check edit program are provided in Appendix D, Section VIIIC.

## IV. QUALITY INDICES

Several data quality indices were developed during file preparation and have been included in the NLS data file. The quality indices focus on a single individual and quantify the amount and quality of information present
in that individual's record. They are described briefly below and detailed in Appendix D. The user should be cautioned that the utility of these quality indices is in the determination of the credibility of individual records. They have little utility for making judgments about data over respondents such as item response, since the real test of item response quality is the oversubjects distribution. These indices should not be considered for discarding subjects unless one's concern is with the entire instrument or subsection. Summary tables of these quality indices for follow-up questionnaire data are presented in Section IX of Appendix D, and a list of all such indices are provided in Appendix $I$.

## 1. Consistency Indices

The consistency indices represent the percentage (truncated) of a set of defined consistency checks failed by an individual for a given instrument. The index was computed as follows:

$$
C S=\left(\frac{\sum_{i=1, m} X_{i}}{m}\right) \quad 100
$$

where $X_{i}=0$ if respondent passed check $i$,
$X_{i}=1$ if respondent failed check $i$, and
$m=$ the number of checks defined for an instrument or item subset within an instrument.
2. Out-of-Range Index

This index represents the percentage of out-of~range responses for an individual's record for a given follow-up instrument. It was computed as follows:

$$
O R=N / D * 100
$$

where $N=$ the number of items with response codes of 95 (out-of-range)
and $D=$ the number of items with response other than 99 (legitimate skip).

This was computed in the same manner for all four follow-up surveys. In all four surveys, at least 96 percent of the respondents had no out-of-range responses. In general, the allocation of out-of-range codes does not seem to be a problem, although it should be noted that the ranges set for the acceptance of a write-in response were unlimited in the First Follow-Up Questionnaire and were very generous in the Second, Third, and Fourth Follow-Up Questionnaires.

## 3. Routing Indices

These indices, computed identically for each follow-up survey, represent the percentage of the routing questions that were ambiguously answered by an individual (i.e., routing questions which were answered in a manner which was inconsistent with the respondent's subsequent pattern of response) for a given instrument. The routing index was computed as follows for each follow-up instrument:

$$
\mathbf{R I}=\mathrm{N} / \mathrm{D} * 100
$$

where $N=$ the number of ambiguously answered routing questions,
and $D=$ the number of routing questions with response other than 99.

In general, 56 to 68 percent of all respondents proceeded through an instrument without violating any routing patterns, about 20 to 30 percent violated one to five routing patterns, and 7 to 15 percent violated six to ten patterns. In all four instruments there were a small number of respondents who had great difficulty with the routing patterns and violated the routing instructions in more than ten different patterns ( 3 to 7 percent).
4. Completeness Index

There are five first follow-up completeness indices--one for each major section (A-E) of the First Follow-Up Questionnaire. In the second, third, and fourth follow-up instruments, there are six completeness indices, one each for the six ( $A-F$ ) major sections of these questionnaires. For a particular section and instrument, the completeness index represents the percentage of items with valid responses-that is, responses that are not coded as errors or missing data (FFU codes 93-98, SFU, TFU, and FTFU codes 94-98). The index was computed as follows:

```
    CIx = N/D * 100
where }x=\mathrm{ the particular section of the questionnaire,
    N = the number of items with valid responses (responses
        other than error or missing data codes), and
    D = the number of items with response other than 99.
```


## V. COMPOSITE VARIABLES

During file preparation, a number of composite variables were constructed. These variables, which may prove useful for many analyses, are included in the data file. They include a composite index for participants' general aptitude
and socioeconomic status, as well as a number of cross-year composite classifiers for variables such as race, sex, and high school program. Important documentation for these and other composites is included in Appendixes E, J, K, and L. Each composite was constructed from several variables and required a number of steps in its derivation. A complete list of all created or composite indices included on the data file along with a brief definition of each is provided in Appendix I. Appendixes $J, K$, and $L$ describe in detail the development of the analytic composite indices. Since other procedures and components may be employed in deriving such indices, users are encouraged to decide for themselves whether the analytical indices included on the file are appropriate for their particular needs or purposes.

## Part 4: Contents and Organization of the Data File

## I. OVERVIEW

The data base contained in the release data file consists of 22,652 records, one record for each individual on the file. Although the final NLS sample contains 23,451 students, those 799 students who did not respond to any student instrument (BSYR, FFU, SFU, TFU or FTFU) are not included in the data file. 38 Appendix $P$ of this manual contains a complete and detailed listing of all variables in the NLS data file. The appendix presents, for each variable, the variable number, a short variable label, the tape location, a longer variable title, and a completely labeled frequency distribution for all codes that occur for that variable. 39

Other appendixes are provided to facilitate the location and/or a better understanding of the meaning of the variables on the file. Appendix 0 contains a sequential listing of all variables on the file, providing for each variable the short variable label, the number of implied decimal points in the field, tape location, and the long variable label. Appendix M contains a subject index of all NLS variables in alphabetical order, relating variables (by subject) to the appropriate variable label. Appendix I contains an alphabetical listing, by short variable label, of all created variables (i.e., not direct transcriptions or simple recodes of data provided by the various instruments) and also includes a definition of each variable. Appendix A contains copies of instruments used; ${ }^{40}$ the data file short variable label has been entered by the corresponding item in the instruments. The specific nature of coded values of various NLS variables (exclusive of those that are directly related to questionnaire codes) are provided variously in Appendixes $C, D, E$, $F, G, J, K$, and L.

The great bulk of data items in the NLS file are direct transcriptions or simple recodes from the various survey instruments; however, other data

[^22]such as identification codes, data indicators, quality indices, sampling weights, analytic indices or composites, and activity states also exist on the file. ${ }^{41}$ The organization of the data within a record reflects the temporal order in which data have been added to the file and, thus, is not completely blocked by the time period in which the data were collected or to which the data apply. Some large blocks of data are logically organized but other blocks of data may appear to consist of a potpourri of recoded values, composite variables, quality indices, and the like. A general description of a blocking of the data (including the potpourri blocks) is provided in Table 4. A brief description of major file components (types of data elements, not blocks) is provided in the following section.

## II. FIIE COMPONENTS

## A. Identification Codes

Two major identification codes appear at the beginning of each record. The student ID code (RTI ID) is a random five-digit number which uniquely identifies each record and which appesrs in the first five character positions of each. record (an associated check digit is in the sixth character position). The other is a school code (SCHCODE), a random four-digit number identifying the high school from which the student was sampled. An additional ID code (STUCODE) exists, but this four-digit code is unique only within a particular high school.

## B. Data Indicators

Several indicators have been included in the release file to assist users in processing the data records. Principally, the indicators signal the presence or absence of large blocks of data within an individual record. Such indicators are available for the following data sources: Test Book (TB IND), School Record Information Form (SRIF IND), Base-Year Student Questionnaire (BSYR IND), Sections D through $J$ of the Base-Year Student Questionnaire (D IND through J IND), First Follow-Up Questionnaire (FFU IND), Second Follow-Up

[^23]Table 4.--General Data Blocks for the NLS Release File

## Data Block Description

Identification codes; participation and data indicators; data quality indicators; sampling strata indicators; sex and birthdate data. (Primarily BY, but some FFU.)

Formula scores for base year test battery subtests.

SRIF Data.
Base year questionnaire data.
Scaled scores for base year test battery subtests.

SRIF and test battery weights; SRIF recodes, composites, and imputations; participation indicators (primarily BY).

First Follow-Up questionnaire data. 1322-2736

Data quality indicators; questionnaire data weights (through FFU); high school data; response indicators; 1972-73 Activity States (primarily FFU but some BY and combinations).

Second Follow-Up questionnaire data. 2858-4395

Data quality indicators; 1972-73 composites; 4396-4491
data indicators; high school characteristics; 1972-73 FICE code updates; (BY, FFU, and SFU).

Weighting class indicator; questionnaire 4492-4525 data weights (through SFU).

Data quality indicators; data indicators; 4526-4594
zip codes; 1974 Activity States; sample strata indicators; 1974 composites (primarily SFU, but some BY and FFU).

Third Follow-Up questionnaire data: 4595-7144

Table 4.--General Data Blocks for the NLS Release File--Continued

| Data Block Description | Tape Location |
| :---: | :---: |
| Data indicators; strata indicators; composites; | 7145-7495 |
| 1975-76 Activity States; PSE institution names (BY, FFU, SFU and TFU). |  |
| 1974-76 composites; questionnaire data weights (through TFU); TFU weight multiplier. | 7496-7594 |
| Composites; auxiliary TFU questionnaire data; birth date composites; data quality indicators; state and city names (principally TFU). | 7595-7693 |
| Fourth Follow-Up questionnaire data. | 7694-10479 |
| Data quality indicators, data indicators; composites (all FTFU). | 10480-10544 |
| Questionnaire data weights (through FTFU); weight multipliers. | 10545-10610 |
| 1977-79 Activity States. | 10611-10634 |
| Supplemental Questionnaire data plus form and response indicators. | 10635-11341 |
| Data quality indicators; data indicators; zip codes; retest stratum, raw scores, and weights (all FTFU). | 11342-11369 |
| Previously uncoded BY, FFU, SFU, and TFU data or composites; analytic indices and composites (all from TFU or previously). | 11370-11463 |
| Retest Formula Scores (FTFU). | 11464-11475 |

[^24][^25]Questionnaire (SFUIND), Third Follow-Up Questionnaire (TFUIND), Fourth FollowUp Questionnaire (F4IND), Supplemental Questionnaire (SQIND), and Retest Battery (TESTIND1 and TESTIND2). ${ }^{42}$ An overall indicator for the complete pattern of questionnaire responses (INSTRIND) also exists on the file (see Appendix $G$ for explanation of this variable). Certain other special purpose indicators also exist on the file (e.g., Form A or B of the first follow-up-FORMAB). Additionally, the presence of a nonzero weight serves as an indicator for some variables.

## C. Test Book Data

As noted earlier, each student in the base-year survey was asked to complete a battery of six tests, including: vocabulary, picture number (two parts), reading, letter groups, mathematics, and mosaic comparisons (three parts). Total test scores were computed for each of these tests. In addition, sub-test scores were computed separately for each part of the picture number and mosaic comparisons tests. Thus, the test battery data for each record consists of 11 subtotal and total scores in all. For each test or sub-test, a formula score (FS) was computed and added to the file. ${ }^{43}$ The 11 formula scores (VOCABSC through MOSCOM-T) are stored on the tape prior to the large block of SRIF data. Generally, these are four-digit scores with two implied decimals, with the exception of the mosaic comparisons total score, which is five digits with two implied decimals.

In addition to the formula scores, the test scores were standardized across the sample with a mean of 50 and a standard deviation of 10 . These scores are integerized to the values 1-99; each score is three digits. These scores exist on the file as variables SCVOCSC through SCMSCMT, which are located following the large block of base-year questionnaire data. The standardized scores are more appropriate than the formula scores for forming linear combinations of test scores for analysis.

[^26]
## D. Student's School Record Information Form Data

Data from the SRIF were coded and edited according to the previous contractor's specifications and stored on the data file. Most of the SRIF data exist as a single logical block; however, recoded SRIF data and composites using SRIF data are scattered through the file. The SRIF data are related to the student's high school records; a completely labeled SRIF is provided in Appendix A. Information provided includes student's high school grade average, college admission test scores (SAT, ACT), courses taken, and major course of study. Certain SRIF fields contain alphabetic information and must be processed accordingly. For example, the student's average (SRIFGRCD) may be numeric or alphabetic depending upon the grading system used by the school. Similarly, the lowest and highest grades used by the high school (SRIFLWGR, and SRIFHGGR, respectively) may be alphabetic or numeric. Additional detail on high school grade point average and percentile rank is provided in Appendix E.

## E. Base-Year Student Questionnaire Data

A completely labeled questionnaire is provided in Appendix A. These data were also coded and edited according to the previous contractor's specifications and are located in the data file primarily in the large block of variables labeled BQ1 through BQ800. It should be noted that items BQ81 through BQ85 are out of sequence on the file and appear immediately after BQ31. Responses to unnumbered questions of the Base-Year Student Questionnaire (e.g., sex, date of birth, zip code of home address) are located elsewhere in the file. Some base-year items (BQ96, BQ97, BQ101) were coded for the first time during the fourth follow-up, and these items appear on the file following the Fourth Follow-Up Questionnaire data. Various composites constructed from base-year data are located throughout the file.

## F. Follow-Up (First Through Fourth) Questionnaire Data

The procedures used in coding and editing responses to the Follow-Up Questionnaires are detailed in Appendix $D$, and a completely labeled questionnaire for each survey is provided in Appendix A. Most of the data obtained from each follow-up instrument exist in a large block of variables. First follow-up variables are labeled FQ1A through FDATE. Most second follow-up data are in the block of variables labeled SQ14 through CMP-YR; third follow-up variables are labeled TQ1A through TQ158IE; and fourth follow-up questionnaire
data are mostly in the variable block labeled FT1A to FTCMPYR. Data from unnumbered questions (e.g., zip codes), recodes, or composites exist elsewhere in subsequent locations in the file.

In almost all cases the various questionnaire items were coded in a format that was a one-to-one match with the instruments; exceptions are described in Appendix D.

## G. Supplemental Questionnaire Data

A completely labeled questionnaire is provided in Appendix A, and details of editing and coding questionnaire data are provided in Appendix D. This questionnaire was administered during the Fourth Follow-Up survey to collect missing data elements from prior surveys. Data have been recorded separately on the file rather than used to replace the previously missing data elements (such replacement is an option provided to the user). All such data exist in a single logical block of variables labeled from FSQA1 to FSQK5. Two indicators are available to define which parts of the questionnaire were completed by the sample member. The first indicator (WCHFORM) provides a four-digit alphabetic code of which of the seven parts (A through $K$ ) were completed (i.e., a code of _ABC would indicate parts $A, B$, and $C$ were completed. The second indicator (SQFRM) is a numeric code providing the same information (see Appendix D, Section I.B.2, for numeric coding and decoding algorithm).

## H. Retest Data

Details of processing retest data are provided in Appendix D. Four variables exist on the file for the retest administered during the Fourth Follow-Up survey. These variables are a total verbal score (F4FUVERB), a total mathematics score (F4FUMATH), a verbal formula score (VERBFORM) and a mathematics formula score (MATHFORM). 44 The retest formula scores are the last two variables on the data file. They are truncated to five digits, with three digits to the right of an implied decimal point. They are prefixed by a sign byte which is a blank if the score is zero, positive, or missing and a minus sign if the score is negative.

[^27]
## I. Data Quality Indicators

Various data quality indicators exist throughout the file. These indicators, described in Section IX of Appendix D, generally signal problems of incompleteness or inconsistency of certain questionnaire data. In general (but not always) these indicators appear on the file following the major block of questionnaire data to which they apply and prior to the subsequent major block of questionnaire data. Typically, all quality indicators for a particular questionnaire are not adjacent variables on the file.

Each record contains a single inconsistency score for base-year Student Questionnaire data, labeled INCONSC. This score was computed for a set of 37 Student Questionnaire item comparisons. The inconsistency score ranges from $0-4$, denoting the number of checks failed. The quality indices relating to the follow-up questionnaires are more numerous. First follow-up data indicators are labeled FCSIND, FORIND, FRINDX, FCIAIN, FCIBIN, FCICIN, FCIDIN, and FCIEIN; for the second follow-up, they are labeled SFUORIND, SFUCIAIN, SFUCIBIN, SFUCICIN, SFUCIDIN, SFUCIEIN, SFUCIFIN, ROUTDINDX, CINDEX1, and CINDEX2; for the third follow-up they are labeled TCSIND1, TCSIND2, TFUORIND, TFURIND, TCIAIND, TCIBIND, TCICIND, TCIDIND, TCIEIND, TCIFIND; and for the fourth follow-up they are labeled F4FURI, F4ORI, INDEX1, INDEX2, INDEX3, INDEX4, INDEX5, INDEX6, F4FUCS1, and F4FUCS2.

## J. Sampling Weights

A description of the computation and nature of student sampling weights is provided in Appendix G. Weights appearing on the file are labeled TBWT, SRIFWT, W1 through W29, and WEIGHT. Additionally, three weight multipliers (TELMULT, TELMLT3, and TELMLT34) are available for creating additional weights from those already on the file.

## K. School Variable Data

Three variables from the School Questionnaire or school sampling data were selected for inclusion in each student's data record. They are region, type of community, and 1972 senior class enrollment. These variables are labeled REGION, COMMUNIT, and SENIORS, respectively. REGION is a four valued code that divides the nation into four geographic locations (see Appendix $F$ for a list of states within regions). COMMUNIT and SENIORS are recodes of School Questionnaire items concerning the type of community and size of the
senior class (items 40 and 2 of that questionnaire, respectively). Reference to Appendix $P$ will detail the values these variables can assume.
L. Analytic Indices, Activity States, and Composites

These entries in the data file are the SES and ability composites, the SES raw score, the activity state variables for 1972-1979, planning state variables, and other over-item and/or over-instrument composites. A listing of all such variables (plus other created variables such as indicators) is provided in Appendix $I$, with a brief description and reference to other appropriate appendixes for specific details of their nature. These variables are distributed throughout the data file as indicated in Table 4.

## III. DATA AVAILABILITY

The number of respondents available for various subpopulations and for various combinations of instruments are indicated in Table 5. ${ }^{45}$ This tabulation provides a summary of the amounts of data available for the several instruments over the survey periods. The table shows the patterns of data availability in the data base, the amounts of data available for each instrument independent of the others and in combination with other instruments. The pattern of response by various classifier variables is also presented. Examination of the table indicates that some data are available for all five student instruments (BSYR, FFU, SFU, TFU, and FTFU) for 12,980 respondents. ${ }^{46}$ There are 4,386 respondents with only the four follow-up instruments and of these, 3,881 also have a subset of base-year items collected retrospectively. There are also several small subsets of individuals with some other pattern of instrument response (see Appendix $G$ for additional patterns).

[^28]Table 5--Data availability for subpopulations by instrument completion ( $\mathrm{N}=22,652$ )


[^29]
## I. RECORDING SPECIFICATIONS

The data file consists of 22,652 records, one for each NLS sample member who responded to either the base-year Student Questionnaire or any follow-up questionnaire. Each record is 11,475 bytes long and contains 3,524 variables. The block size is 11,475 bytes, with a fixed-block format. The file resides on nine-track tape with IBM standard labels and data set name NLS.F4FU.MASTER.RLSE. Two reels of tape are required to hold the file using a recording density of 6,250 bytes per inch.

The data file is relatively simple in structure; each fixed-length record contains the same number of data fields. The file is sorted by final stratum number (VAR0021, FINSTNO), with the records blocked by school identification within final stratum number (VAR0004, SCHCODE). 47 Within each school the records are sorted by student identification number (VAR0001 RTI ID). The file, as defined, is compatable with most commonly available "canned" statistical packages (e.g., SPSS, SAS, BMDP); however, users are reminded that most of these packages have a limitation on the number of variables definable on a given run and that this limit will be exceeded by the number of variables in the file. Users must therefore be prepared either to build smaller working files or to change the control cards to the particular package when different subsets of the file are desired.

The file consists of 11,326 blocks--two records per block. This fact and consultation with the local computer facility's user service can determine the amount of time required to read the tape at a given facility. Overall job time in most analysis packages is a function of the tape read time, the number of variables requested in the package's variable list, and the procedures employed within the package. Users are cautioned to select only those variables which are absolutely necessary, since the run time is a function of the number of variables read. Users are also cautioned to look carefully at the accompanying documentation to determine which fields are alphabetic prior to attempting to use the packages.
$\overline{47}$ Note that the records are blocked, not sorted, by SCHCODE.

## II. PROCESSING SUGGESTIONS

The NLS data file coding scheme was designed to allow for straightforward use of packaged programming systems. The design has been only partially successful, however, due to the size and complexity of the data base. This data file, perhaps more than most, requires careful study and planning prior to accessing the actual data. The data base has been developed over a period of six years, and it is necessarily complex. It reflects not only the developmental process of the respondents but developmental changes in instrumentation, data collection methodologies, and data processing procedures, in continuing attempts to develop a historical and developmental record for almost 23,000 individuals. The complexity and richness of the behaviors of this number of people over their most active developmental years cannot be recorded in a simple format. Consequently, a considerable burden is placed on the data file user to study, select, preprocess, and analyze desired variables from the multiplicity of variables that exist.

After several years of analytic use of the data base, by many users, there are several basic questions and operational problems that appear to be common to most analysis tasks, independent of the type of problem or questions that are being investigated. In some cases such problems have arisen well along in the research process, at which point they have caused considerable difficulty. In the following subsections the nature of some basic processing decision points will be considered. Hopefully these considerations will alert. users to potential difficulties, which they can address prior to their research program rather than following several months of effort.

## A. Cost Reduction

The NLS data base is large, and the coding is complex. A good first step toward reducing the cost of processing the NLS data is careful consideration of the nature of the data file and its interaction with analytic goals. In most cases, it is unlikely that all variables and all individuals will be desired for analysis. Thus, a basic decision is the potential deletion of variables and individuals. Such decisions can result in major cost reduction.

Decisions involving deletion of variables are typically quite straightforward, given a well-planned research effort; however, many decisions regarding deletion of individuals (records) are nontrivial, if sample integrity is to be
maintained. Such decisions frequently are related to problems of missing data--instrument nonresponse, item nonresponse, and routing instructions (see subsection II.B below)--and to assumptions or procedures (e.g., imputation, weight adjustment) acceptable to the user for treating the missing data problem. The decision to delete individuals should be guided by an examination of data availability for items as well as instruments, since there is no point in carrying individuals in the analysis files with incomplete data if the subsequent analytic procedures will exclude them (e.g., in regression analyses where cases with one missing variable would be omitted from analysis).

Nonetheless, significant savings can be realized if one treats the main file as an archive and subsets from it the necessary subpopulations of people and variables. Once the subsetted file is defined, all one-time recoding, index construction, and data editing should be done to produce a small efficient analysis file. Subsequently, such a file can be optimized in structure, coding, and sequence for the selected analysis software. Another variant of this process is to calculate basic analytic aggregates (e.g., correlation or variance/covariance matrices) on but one occasion and subsequently to perform iterative or sequential analyses on the aggregates rather than the raw data.

In general, the most significant savings in cost will result from extensive planning. The effort required to study carefully the instruments and availability of data is more than offset in cost reductions. Some initial investment in descriptive runs prior to subsetting the data base also may pay off in refining the exact populations and items needed for a given analysis. Additionally, this Users Manual contains much information to help in this process. In addition to the general material provided in Parts 2,3 , and 4 of this manual; greater detail necessary for effective planning is provided in various appendixes. In particular, Appendix P (Volume III) contains item frequencies that detail the amount of available data for each item, and Appendix D, Section VIIIC, contains detailed listings of the routing patterns that illustrate which items are controlled by which routing questions.
B. Missing Data and Routing Patterns

An aspect of the NLS data base that has caused some difficulty to data file users has been the complex patterns of missing data and routing instructions reflected in the file and/or how these problems are best addressed. There are essentially only two sources of missing data: (1) instrument non-
response, and (2) item nonresponse. For analyses in which national estimates are not required, the major problem introduced by these two types of missing data is that of limiting the effective sample size on which analyses will be based. In generating national estimates from the NLS data, however, nonresponse represents a large potential source of bias.

Most instances of instrument nonresponse can be treated by the application of the appropriate available weights, which have already been adjusted for various patterns of instrument nonresponse. ${ }^{48}$ Other approaches, such as imputation or simplyfying assumptions about the nature of nonresponse, may also be employed. Regardless of the approach taken to the missing data problem, the analyst should note the significant changes in the effective sample size as blocks of data combining parts of different instruments are used. Excluding the null case, there are 31 (i.e., $2^{5}-1$ ) possible basic ways in which blocks of data from one or more of the five time points (base-year plus four follow-up surveys) could be combined. ${ }^{49}$ Depending on the particular combination desired, the maximum (i.e., exclusive of item nonresponse) effective sample size without imputation will vary from 12,980 to 21,350 cases.

Beyond the problem of instrument nonresponse, the additional problem of item nonresponse typically will have to be addressed. At first glance, many items in the data base will appear to have high (i.e., greater than 10 percent) occurrences of missing data (illegitimate skip--code 98). In most instances, items with these higher percentages of missing data are associated with the routing patterns in the instruments. Part 3 (and Appendix D, Section VII) of this manual explain the rather conservative rules used to label blanks as either missing (illegitimate skip) or inapplicable (legitimate skip--code 99). In cases for which analysis requires data that lie within complex routing patterns, it will probably be fruitful to invest additional planning and data processing effort to examine further the routing items and data within those routing items. An effort to redefine data as missing or legitimately skipped

[^30]in accordance with specific analysis goals and consideration of the specific content of the items could prove quite useful. Similarly, data that is supplied by respondents but that has been labeled suspect by file editing may be reexamined and possibly reclassified for specific purposes. While the suspect coding is such that it may be used in its current form as a means of excluding data from analysis, care should be exercised in "stripping" the suspect coding from the data element if a decision is made to use the element.

In summary, it should be stressed that the issue of missing data is mainly in the hands of the individual analyst. The labeling accomplished in general file editing may not provide the specificity and attention to detailed item content or analysis plans that a more analysis-oriented edit could provide. In most cases, however, the nature of the RTI editing allows the user to consider employing his own reediting or imputation rules for those data labeled as problems by the general file editing.

## C. Weighting and Variance Estimation

A final area of concern and difficulty for some users has been the question of employing sampling weights and methods of estimating population parameters and the associated variances of the statistical estimators. The NLS sample was drawn under a complex multistage cluster sampling process and cannot be considered a simple random sample of the high school class of 1972. There are correlations among the observations due solely to the sample design; hence, calculations ignoring the weights and sample design have the potential to be biased.

In general, the values of statistical estimators (means, proportions, etc.) calculated without sample weights will differ from those computed using the sample weights. The magnitude of the difference usually varies with the size and nature of the subpopulation for which an estimator is calculated. While several statistical analysis packages allow the calculation of weighted estimates, their calculations of variance estimates do not compensate for the sampling design. Consequently, even though accurate (i.e., unbiased), weighted estimators may be readily computed at most facilities, accurate variance estimates are typically more difficult to obtain. Thus, when moving beyond descriptive analysis to inferential analysis, or to complex analytic modeling, the question of the appropriate variance estimates and degrees of freedom becomes quite difficult, especially if the problem of cost of computation is also considered.

The question of the appropriate methods or even necessary methods for solving this problem is an open one and subject to different emphasis in different disciplines. When considering single time points (i.e., a particular set of responses specific to a particular questionnaire), users may use generalized standard errors or generalized design effects'that have been computed by RTI and reported elsewhere. ${ }^{50}$ For applications of regression analysis with the NLS data, a previous RTI study ${ }^{51}$ has suggested that unweighted ordinary least squares estimates of regression parameters and associated variances may introduce only a slight bias in some cases; however, in other cases the bias may be considerably greater, leading to much more nonconservative statistical tests. The same study demonstrates the robustness of a Taylor Series Linearization variance approximation approach that may be implemented at some increase in processing costs. It is beyond the scope of this manual to suggest a single best approach to parameter and variance estimation. Rather, the problem is identified as a formal decision for each analyst. A variety of NLS studies are available that illustrate different approaches to these and other problems. ${ }^{52}$ The user is encouraged to consult these studies and must make a decision reflecting his own analysis goals and needs.

[^31]Appendix A
Instrumentation
Student's School Record Information Form,Base-Year Student Questionnaire,First Follow-Up Questionnaire (Form B),Second Follow-Up Questionnaire,Third Follow-Up Questionnaire,Activity State Questionnaire,Fourth Follow-Up Questionnaire,Supplemental Questionnaire

## Student's School Record Information

School Name $\qquad$ (omitted)
School Code $\square$ Student Number $\square$ (omitted)


NATIONAL LONGITUDINAL STUDY OF THE HIGH SCHOOL CLASS OF 1972

## canducted by

Educational Testing Service. Peinceton. Now Jorsey for the
UNITED STATES OFFICE OF EDUCATION

Most of this information should be obtainable from the school's records. However, information not available from the records may be obtained by interviewing the student, using a blank copy of this form as an interview guide.


1. What is this student's overall academic average? (Use whichever grading system is used by your school.)

| Grading system | (Clircle one.) SRIFGRCD | Student's syorage | School's grade seale |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Lowest possible | Highast pessibie |
|  |  | Average letter grade. . . . . . . . . . . . . . . . . . . . . . . . . . . . . ${ }^{\text {SRIFGRCP }}$ |  |  |
| Percentage grade average. | 2 | SRFQ | SRIFLWGR | SRIFHGGR |
| Grade-point (numerical grade) a | 3 |  |  |  |
| Other. . . . . . . | 4 |  |  |  |

2. If the student has taken either of the following college admissions tests, indicate the year the test was taken and the scores received (record only the most recent set of scores for asch tast).


| SRFQ2D | act-year taken . . . . . . 19 |  |
| :---: | :---: | :---: |
|  | ACT scores: |  |
| SRFQ2E | English Expression. |  |
| SRFQ2F | Social Studies Reading |  |
| SRFQ2G | Science Reading |  |
| SREQ2H | Mathematics. |  |
| SRFQ2I | Total Score. |  |

3. Has this student transferred to this school from another school?
(Clrete ane.)
SRFQ3
No.................................................................. . 1
Yes. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
4. How many semester courses will the student have taken in each of the following subjects between July 1 , 1969, and the date he or she graduates? How many class periods per week did these courses meet?

EXAMPLE: If a student took six semester courses in science, and four of these courses met five class periods per week whereas two courses met only three class periods per week, you would enter " 6 " for the Total number of semesters of instruction and " 4 " and " 2 ", respectively, in the " 5 " and " 3 " columns under Number of class periods per week.

|  | Total number of semesters of instruction | Number of class periods per week |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type of course |  | 1 | 2 | 3 | 4 | 5 | $\begin{array}{\|c\|} \hline \text { More } \\ \text { than } 5 \end{array}$ |
| Science | A | B | C | D | E | $F$ | G |
| Foreign languages. | H | $I$ | J | K | L | M | $N$ |
| Social studies. | 0 | P | Q | R | S | T | U |
| English | V | W | X | Y | 2 | AA | B8 |
| Mathematics | CC | DD | EE | FF | GG | HH | II |
| Industrial arts. | JJ | KK | Li | MM | NN | 00 | PP |
| Commercial | QQ | RR | SS | TT | UJ | VV | WW |
| Fine arts or performing arts | XX | YY | 22 | AAA | BBB | CCC | DDD |

5. Please indicate the total number of semester courses this student will have taken in each of the following vocationaletechnicat subjects by the time he or she graduates. For each subject in which the student has taken courses, please indicate in the appropriate class-periods-per-week columns the number of caurses taken before July 1, 1969, and after July 1, 1969.

6. What is the position of this student in ability groups or tracks? There are four parts to this question. Answer all parts that apply to this student.


SRFQ7 7. Which of the following most closely describes this student's course of study?
(Clicla one.)
General ..... 1
Academic or college preparatory .....  2
Vocational-technical:
Agricultural occupations ..... 3
Business or commercial occupations ..... 4
Distributive education .....  5
Health occupations ..... 6
Home economics occupations. ..... 7
Trade or industrial occupations ..... 8
8. Has this student received either of the following kinds of remedial instruction?
(If you circle 2 [under HAS RECEIVED], please circle the number of semester hours of remedial instruction the student has received.)
Has not Has
feceived received

Number of semester hours



SRFQ9 9. Is this student officially classified as handicapped by speciaiized professional personnel other than a classroom teacher?
(Circie one number and follow the directions beside the number you circled.)

|  | (Clrefe one.) | Directions |
| :---: | :---: | :---: |
| No. |  | p to Question |
| Yes. |  | coeed to astion 10. |

SRFQ10 10. Indicate which of the following categories describes the handicap of this student. (omitted)
(Cirele ane.)
Multiple handicapped. . . . . . . . . . . . . . . . . . . . . . . . . . . . . 01
Trainable mentally retarded . . . . . . . . . . . . . . . . . . . . . . . 02
Educable mentally retarded . . . . . . . . . . . . . . . . . . . . . . . . 03
Hard of hearing . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 04
Deaf. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 05
Speech impaired. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 06
Vision impaired . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 07
Emotionally disturbed . . . . . . . . . . . . . . . . . . . . . . . . . . . 08
Crippled . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 09
Other health impaired. . . . . . . . . . . . . . . . . . . . . . . . . . . 10
11. Is this student a participant in any of the following programs?
(Clircle one number on each iline.)
Yes No
SRFQ11A Upward Bound......... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1. . . . . . . . . . 2
SRFQ11B Cooperative Vocational Education Program (Coop Program)...................... 2
SRFQ11C High School Work-Study Program........ . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
SRFQ11D Talent Search. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
SRFQ11E Neighborhood Youth Corps................ . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2

Parent's
(Guardian's)
Name

(omitted)
Address


## Telephone

 Number

Student's Telephone Number (If not living with parent or guardian) ${\underset{A B E A}{ } \text { CODE }}^{(\quad \text { (omitted) }}$

## Dear High School Senior:

Thank you for accepting the invitation to participate in the NATIONAL LONGITUDINAL STUDY OF THE HIGH SCHOOL CLASS OF 1972. The answers you and other students provide will help in the continuing effort to plan new and better school programs for future students across the United States.


NATIONAL LONGITUDINAL STUDY OF THE HIGH SCHOOL CLASS OF 1972

## Student Questionnaire



Social Security Number


## DIRECTIONS

- This questionnaire is divided into sections of questions. All students are asked to start by answering questions in the sections lettered A, B, and C. Then you will be asked to follow the directions to answer questions in the sections that apply to your particular plans for the year after you leave high school.
- Read carefully all directions for each question you answer. It is important that you follow these directions carefully.
- When you are asked to circle a number, please make a heavy black circle. Here is an example.

| What grade are you in? | (Circle one.) |
| :---: | :---: |
| Grade 9 | . 1 |
| Grade 10 | 2 |
| Grade 11. | . . 3 |
| Grade 12. | (4) |

- Circle as many numbers as the directions indicate for each question you answer.
- Completely erase any answers you wish to change.
- When you have completed the questionnaire, put it in the envelope that has been given to you and seal the envelope. No one at your school will see or read your answers.

This questionnaire is not a test. You may omit any question that you or your parents would consider objectionable.


## Please complete the information above.

## SECTION

## Your high school experiences . . .

Please answer every question unless you are asked to skip to annther one. You may omit any question that you or your parents would consider objectionable.
BQ1 1. When do you expect to graduate from high school?
(Circle one.)
I will leave high school before I graduate .....  1
Now through June 1972 ..... 2
July or August 1972 ..... 3
September 1972 through January 1973 ..... 4
February through June 1973 ..... 5
After June 1973 ..... 6
,
BQ2 2. Which of the following best describes your present high school program?
(Circle one.)
General .....  1
Academic or college preparatory. ..... 2
Vocational or technical:
Agricultural occupations. ..... 3
Business or office occupations ..... 4
Distributive education ..... 5
Health occupations ..... 6
Home economics occupations. ..... 7
Trade or industrial occupations. ..... 8
3. How important was each of the following in influencing your choice of your present high school program?

6. Have you ever heard of or participated in any of the following high school educational programs?
(Circle one number on each line.)

|  | Have heard <br> of this | Have |
| :---: | :---: | :---: |
| Never | program but <br> heard of <br> havenot | in this |
| this program | participated | program |


10. Have you participated in any of the following types of activities, either in or out of school this year?
(Circle one number on each line.)

|  |  | Have not participated | Have participated actively | Have participated as a leader or officer |
| :---: | :---: | :---: | :---: | :---: |
| BQ10A | Athletic teams, intramurals, letterman's club, sports club. |  | 2 | 3 |
| BQ10B | Cheerleaders, pep club, majorettes | 1 | 2 | 3 |
| BQ10C | Debating, drama, band, chorus | 1 | 2. | 3 |
| BQ10D | Hobby clubs such as photography, model building, hot rod, electronics, crafts. |  | 2. | 3 |
| BQ10E | Honorary clubs such as Beta Club or National Honor Society | 1. | 2 | 3 |
| BQ10F | School newspaper, magazine, yearbook, annual. | 1 | 2. | 3 |
| BQ10G | School subject matter clubs such as science, history, language, business, art | $1 .$ | $2$ | $\ldots 3$ |
| BQ10H | Student council, student government, political club | 1. | 2. | $\ldots 3$ |
| BQ10I | Vocational education clubs such as Future Homemakers, Teachers, Farmers of America, deca, oea, fbla, or vica. | $\ldots 1$ | . . 2 | . . . 3 |

12. Does your guidance counselor usually have the information you feel you need?
(Circle one.)
Yes. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . I
No, but my school does have a guidance counselor. .... . 2
No, my school does not have a guidance counselor. . . . . 3
I have never needed to see a guidance counselor. ....... . 4
13. How often have you discussed your plans for after high school with the following people?
(Circle one number on each line.)

Never | Seldom |
| :--- |
| Often |

1.................... 3
(Circle one number on each line.)

Never | Seldom |
| :---: |
| Often |

$\ldots . \ldots \ldots .$.

> BQ13C

A relative other than your parents.
. 1......... . 2
2.

3

## BQ13D

A guidance counselor.
. $1 . . .$.
2. .3

> BQ13E

A teacher other than a guidance counselor
. 1.......... . . 2
The principal or assistant principal
. 1........... 2
2...

## BQ13F

Clergyman (minister, priest, rabbi, etc.)
1.
. . .
BQ13G State employment service officer
. 1. . . . . . . . . 2
BQ13H An adult not mentioned above.
. 1......... . . 2
2.


BQ13I
11. Do you feel that you can usually get to see a guidance counselor when you want to or need to?
(Circle one.)
Yes. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 .
No, but my school does have a guidance counselor..... . 2
No, my school does not have a guidance counselor..... . 3
I have never needed to see a guidance cou .selor. . . . . . . 4
14. How much has each of the following persons influenced your plans for after high school?
(Circle one number on each line.)

|  |  | Not at all | Somewhat | A great deal |
| :---: | :---: | :---: | :---: | :---: |
| BQ14A | Your parents. | 1 | 2 | . 3 |
| BQ14B | A relative other than your parents. | 1. | 2 | 3 |
| BQ14C | A guidance counselor. | 1 | 2. | . . . 3 |
| BQ14D | A teacher other than a guidance counselor. | 1 | 2. | . 3 |
| BQ14E | The principal or assistant principal. | 1 | 2 | 3 |
| BQ14F | Clergyman (minister, priest, rabbi, etc.). | 1 | 2 | . 3 |
| BQ14G | State employment service officer | 1 | 2 | 3 |
| BQ14H | An adult not mentioned above. | 1. | 2. | $\ldots 3$ |
| BQ14I | Friends your own age | 1 | 2 | . . . 3 |
| BQ14J | Yourself. | 1 | . 2. | . . 3 |

15. Have your teachers or counselors ever tried to influence your plans for after high school?
(Circle one number on each 1ine.)

|  |  | Discouraged me | Didn't try to influence me | Encouraged me |
| :---: | :---: | :---: | :---: | :---: |
| BQ15A | To go to college | 1 | 2. | . 3 |
| BQ15B | To go to vocational, technical, business, or trade school | 1 | 2 | . 3 |
| BQ15C | To enter an apprenticeship or on-the-job training program. | 1 | 2 |  |
| BQ15D | To enter the military service. | 1 | 2 | $\ldots$ |
| BQ15E | To get a job immediately after high school. | 1 | 2. | . 3 |

BQ16 16. What do most of your close friends pian to do next year?
Enter the military service .....  1
Go to vocational, technical, business, or trade schools. .....  2
Become full-time homemakers ..... 3
Go to college ..... 4
Enter apprenticeships or on-the-job training programs ..... 5
Go to work full-time ..... 6
I don't know ..... 7.
Other ..... 8

SECTION

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
17. How much has each of the following interfered with your education at this school?
(Circle one number on each line.)

19. How much do you agree with each of the following statements about your high school?
(Circle one number on each line.)

21. How do you feel about each of the following statements?
(Circle one number on each line.)

|  |  | Agree strongly | Agree | Disagree | Disagree strongly | No opinion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BQ21A | I take a positive attitude toward myself. | 1. | 2 | 3. | 4 | . 5 |
| BQ21B | Good luck is more important than hard work for success | 1. | 2. | 3 | 4. | 5 |
| BQ21C | I feel I am a person of worth, on an equal plane with others | $1$ | 2 | 3 | 4. | 5 |
| BQ21D | I am able to do things as well as most other people | $.1$ | 2 | 3. | 4. |  |
| BQ21E | Every time I try to get ahead, something or somebody stops me | $1$ | 2. | 3. | 4 | 5 |
| BQ21F | Planning only makes a person unhappy since plans hardly ever work out anyway | $1 .$ | 2 | . 3 | 4. | 5 |
| BQ21G | People who accept their condition in life are happier than those who try to change things | $1 .$ | 2 | 3 | 4 | 5 |
| BQ21H | On the whole, I'm satisfied with myself. | 1. | 2 | 3 | 4 | 5 |

22. Do you plan to use funds available from any of the following programs for further study beyond high school?
(Circle one number on each line.)
No, I do

not plan to Yes, I plan | I do not know |
| :---: |
| enough about |
| the program |
| to answer |

to use it
the question

BQ22A
BQ22B
BQ22C
BQ22D

BQ22E
BQ22F
BQ22G
BQ22H
BQ22I
BQ22J
BQ22K
BQ22L
BQ22M
BQ22N
BQ220
BQ22P
BQ22Q

BQ22R da not know

No, I do not plan to Yes, I plan to answer the question
College or university scholarship or loan (athletic or academic) $\qquad$3State or local scholarship or loan program. ............................. . . .1........ 2. 3
Scholarship from a private organization or company 1........ . 2 ..... 3
Bill compensation or pension).1........ 23
rotc Scholarship Programs 1......... 2 ..... 3
College Work-Study Program 1......... 2 ..... 3
Social Security Benefits for Students Age 18 to 22 (for children of retired, disabled, or deceased parents) ..... 1........ 2 ..... 3
National Defense Student Loan Program. ..... 2 ..... 3
Federal Guaranteed Student Loan Program ..... 1.......... 2 ..... 3
Educational Opportunity Grant Program ..... 1 ..... 3
Health Professions Student Loan Program ..... 1.......... 2 ..... 3
1.......... 2 Health Professions Scholarship Program ..... 3
1.......... 2
Nursing Student Loan Program
1......... . 2 ..... 2......... . 3
Nursing Scholarship Program
1........ 2 ..... 3
General Scholarship Program 12.......... 3
Veterans Administration War Orphans Educational AssistanceProgram1........... 2........... 3
Regular bank loan 1.......... 2 ..... 3
23. Here are some reasons others have given for not planning to get financial aid for study from sources outside the family. Which of these reasons apply to you?
(Circle one number on each line.)
appiy to me to mp
BQ23A I do not plan to get more schooling ..... 1.......... . 2
BQ23B My parents or I will be able to pay for more education without getting any outside financial aid ..... 1........... 2
BQ23C I do not want to go into debt ..... 1.......... . 2
BQ23D I do not expect to qualify for the scholarship or loan I'm interested in because of my family's income. ..... 1.......... . 2
BQ23E I do not expect to qualify for the scholarship or loan I'm interested in because of my high school grades ..... 1.......... . 2
BQ23F I do not expect to qualify for the scholarship or loan I'm interestedin because of my test scoresBQ23G Students from my racial or ethnic group have too much difficultygetting financial aidBQ23H Some other reason.
1........... . 2
24. How important is each of the following to you in selecting a job or career?(Circle one number an each line.)
important important ..... Very important
Making a lot of of money 1. ..... 2. ..... 3
BQ24B Opportunities to be original and creative 2. ..... 3
BQ24C Opportunities to be helpful to others or useful to society 1.......... . 2 ..... 3
BQ24D Avoiding a high-pressure job that takes too much out of you 1........... 2 ..... 3
BQ24E Living and working in the world of ideas . 1 ..... 3
BQ24F Freedom from supervision in my work 1........... 2 ..... 3
BQ24G Opportunities for moderate but steady progress rather than the chance of extreme success or failure. 1.......... . 2 ..... 3
BQ24H The chance to be a leader 1.......... . 2 ..... 3
BQ24I Opportunities to work with people rather than things. ..... 1............ 2 ..... 3
BQ24J Having a position that is looked up to by others. . 1. . 2 ..... 3

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
25. In the column under YOU, circle the one number that goes with the best description of the kind of work
you would like to do. Under FATHER, circle the one number that best describes the work done by your
father (or male guardian). Under MOTHER, circle the one number that best describes the work done by
your mother (or femate guardian). The exact job may not be listed but circle the one that comes closest.
If either of your parents is out of work, disabled, retired, or deceased, mark the kind of work that he or
she used to do.
(Circle one number in each column.)
Mother
Father
BQ25A BQ25B BQ25C
26. How important was each of the following factors in determining the kind of work you plan to be doing for most of your life?

|  |  | (Circle one number on each line.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Not impartant | Somewhat important | Very important |
| BQ26A | Previous work experience in the area. | ...1... | 2 | 3 |
| BQ26B | Relative or friend in the same line of work. | 1. | 2. | . 3 |
| BQ26C | Job openings available in the occupation | 1 | 2. | 3 |
| BQ26D | Work matches a hobby interest of mine. | 1. | 2. | 3 |
| BQ26E | Good income to start or within a few years. | 1. | 2. | . 3 |
| BQ26F | Job security and permanence | 1 | 2. | . 3 |
| BQ26G | Work that seems important and interesting to me. | 1. | 2. | 3 |
| BQ26H | Freedom to make my own decisions. | 1. | 2. | . 3 |
| BQ26I | Opportunity for promotion and advancement in the long run. | 1 | 2. | 3 |
| BQ26J | Meeting and working with sociable, friendly people. .... | 1. | . 2. | . 3 |

28. Whatever your plans, do you think you have the ability to complete college?
(Circle one.)
Yes, definitely . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Yes, probably . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Not sure . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
I doubt it. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
Definitely not. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
29. To answer this question, circle one number for the highest level of education you would like to attain, and aiso circle one for the highest ievel you plan to attain.

|  | Would like to attain | Plan to attain |
| :---: | :---: | :---: |
| Less than high school graduation. | 1 |  |
| Graduate from high school but not go beyond that. | 2. | 2 |
| Graduate from high school and then go to a vocational, technical, business, or trade school. | $3$ |  |
| Go to a junior college. | 4. | 4 |
| Go to a four-year college or university. | 5 | 5 |
| Go to a graduate or professional school after college. | 6. | 6 |

30. What are your plans for military service?

## (Circle one.)

Doesn't apply to me . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
I definitely plan to volunteer for service for a period of two or more years . 2

I would seriously consider voluntecring for a
period of two or more years ..... 3
I might consider volunteering ..... 4
I would not consider volunteering ..... 5
I have no plans at this time ..... 6

BQ31 31. What is the one thing that most likely will take the largest share of your time in the year after you leave high school?
(Circle only one number and then follow the directions beside that number.)

|  | (Circle one.) Directions |
| :---: | :---: |
| Working full-time | $\ldots 01 . . \rightarrow$ Go to question 32 and complete Section D. |
| Entering an apprenticeship or on-the-job training program. | .02. $\rightarrow$ Skip to page 15 and complete Section $E$. |
| Going into regular military service (or service academy). | $\therefore$. . 03 . $\rightarrow$ Skip to page 17 and complete Section $F$. |
| Being a full-time homemaker | $04 . \rightarrow$ Skip to page 20 and complete Section G. |
| Taking vocational or technical courses at a trade or business school full-time or part time | $\ldots 05 . \rightarrow$ Skip to page 22 and complete Section $H$. |

Taking academic courses at a junior or community college full-time
or part-time . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

Attending a four-year college or university full-time or part-time
.06 college full-time or part-time

Working part-time, but not attending school or college. . . . . . . . . . . . . 09. $\rightarrow$ Skip to page 29 and complete Section $J$.

Other (travel, take a break, no plans)
10. $\rightarrow$ Skip to page 31 and complete Section K.

For those planning to work full-time during the year after SECTION they leave high school...

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable. 32. When do you plan to go to work full-time?
(Circle one.)
Before June 1972. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
June through August $1972 . . .$. . . . . . . . . . . . . . . . . . . . . . . 2
September through December 1972 . . . . . . . . . . . . . . . . . . 3
In January 1973 or later . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
33. Do you have a definite job lined up after you leave high school?
(Circle one.)
Yes, I'll continue in a job I now have. . . . . . . . . . . . . . . . . 1
Yes, I have a new job lined up. . . . . . . . . . . . . . . . . . . . . . 2
No, but I've inquired at employment agencies or potential employers, looked in the newspapers, etc. .
.3
No, I haven't done anything yet to get a job. . . . . . . . . . 4
34. Would you be willing to move from this town or city in order to get a job you want?
(Circle one.)
Yes, I would prefer to move away ........................ . . 1
Yes, it makes no difference to me........................ . . . 2
Yes, but I would prefer to find work in this community
.3
No, I am not willing to move. . . . . . . . . . . . . . . . . . . . . . . . 4
35. Is the work in the job you planto get after high schooi the kind of work you think you will be doing for most of your life?

|  | (Circle |
| :---: | :---: |
| Yes. |  |
| Yes, if I like the work. |  |
| Yes, if I succeed. | 3 |
| No, I expect to become a homemaker |  |
| No, I expect to get further education so I can enter a different occupation. |  |
| No, I expect to go into military service. |  |
| No, I expect to change to a different type of work | . 7 |
| No, some other reason. |  |

Need to earn money to support my family
Yes, I plan to attend a vocational, technical, trade, or business school part-time
(Circle only one number and then follow the directions beside that number.) after you leave high school?

## (Circle one.) Directions

No ............................................................... . Ansuer question 37 below.

37. Here are some reasons others have given for not continuing their education full-time during the year after they leave high school. Which of these reasons apply to you?
(Circle ane number on each line.)
(Circle one number on each

Does not | Applies |
| :---: |
| apply to me to me |

BQ37E
BQ37F
BQ37G
BQ37H
BQ37I
BQ37J
BQ37k
BQ37L
Need to earn money before 1 can pay for further schooling . . . . . . . . . . . 1
.
Failure to find out in time about admission requirements, cost of attending, availability of a school in the area, etc.
1.

Poor high school grades or poor scores on college admission tests...... 1 . 2

BQ37M
BQ37N
BQ370
36. Do you have definite plans to continue your schooling part-time while working full-time during the year
es, I plan to take a correspondence course leading to vocational certification ${ }_{5}^{4} \rightarrow \begin{gathered}\text { Skip to page } 25 \text { and } \\ \text { complete Section } 1 .\end{gathered}$
1........... 2

For those planning to enter an apprenticeship or on-the-job training program during the year after they leave high school...

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
38. When do you plan to enter your apprenticeship or on-the-job training program?
(Circle ane.)
Before June 1972...................... . . . . . . . . . . . . . . . 1
June through August 1972. . . . . . . . . . . . . . . . . . . . . . . . . . 2
September through December 1972 . . . . . . . . . . . . . . . . . . 3
In January 1973 or later . . . . . . . . . . . . . . . . . . . . . . . . . . 4

BQ39 39. Is the work you will train for in the apprenticeship or training program the kind of work you plan to be doing for most of your life?
(Circle one.)
Yes............................................................... . . .
Yes, if I like the work . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Yes, if I succeed. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
No, I expect to become a homemaker. . . . . . . . . . . . . . . . 4
No, I expect to get further education so I c..n enter
a different occupation........................... . . 5
No, I expect to enter military service. . ................. . . 6
No, I expect to change to a different type of work . . . . . 7
No, some other reason . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8
40. How long do you think your apprenticeship or training will last?
(Circle one.)
Less than six months. ..................................... 1
Six months up to one year. . . . . . . . . . . . . . . . . . . . . . . . . 2
More than a year, up to two years..................... 3
More than two years, up to three years . .............. . 4
More than three years. . . . . . . . . . . . . . . . . . . . . . . . . . 5
I don't know . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6

CONTINUED

BQ41
41. Do you have definite plans to continue your schooling part-time while you are in your apprenticeship or training program in the year after you leave high school?
(Circle only one number and then follow the directions beside the number you have circled.)

> (Circle one.) Directions



42. Here are some reasons others have given for not continuing their education full-time during the year after they leave high school. Which of these reasons apply to you?
(Circle one number on each line.)
Does not $\left.\begin{array}{c}\text { Applies } \\ \text { apply to me to me }\end{array}\right)$

BQ42A Need to earn money to support my family. . . . . . . . . . . . . . . . . . . . . . . 1. . . . . . . . . 2
BQ42B Need to earn money before I can pay for further schooling . . . . . . . . . . 1. . . . . . . . . 2
BQ42C Failure to find out in time about admission requirements, cost of $\quad \begin{aligned} & \text { attending, availability of a school in the area, etc. ...............1.......... } 2\end{aligned}$
BQ42D Poor high school grades or poor scores on college admission tests . . . . . .1......... 2
BQ42E Lack of high school credits required for college entrance. . . . . . . . . . . . . 1 . . . . . . . . . 2
BQ42F Applied at one or more schools, but was not accepted. . . . . . . . . . . . . . . 1 . . . . . . . . . 2
BQ42G Lack of a school within commuting distance of my home . . . . . . . . . . . 1. . . . . . . . 2
BQ42H Discouraged from continuing by teachers or counselor. . . . . . . . . . . . . . 1. . . . . . . . . 2
BQ42I Discouraged from continuing by parents. . . . . . . . . . . . . . . . . . . . . . . . . . 1. . . . . . . . . . 2
BQ42J Am waiting to enter armed service. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1. . . . . . . . . . 2
BQ42K My future plans do not require more schooling. . . . . . . . . . . . . . . . . . . 1. . . . . . . . . 2
BQ42L Want to take a break, may attend school later. . . . . . . . . . . . . . . . . . . . . 1. . . . . . . . . . 2
BQ42M Plan to be married . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1. . . . . . . . . . 2
BQ42N School is not for me; I don't like it. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . I . . . . . . . . . 2
BQ420 Other. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . I . . . . . . . . . . 2
Now skip to page 31 and complete section K .

## For those planning to enter military service during the year after they leave high school . . .

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
43. When do you plan to enter military service?

## (Circle one.)

Before June 1972. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
June through August 1972 . . . . . . . . . . . . . . . . . . . . . . . . . 2
September through December 1972 . . . . . . . . . . . . . . . . . . . 3
In January 1973 or later. . . . . . . . . . . . . . . . . . . . . . . . . . . . 4

BQ44 44. Which service will you most likely enter (including Reserve or National Guard within appropriate service)? (Circle one.)
Army . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Air Force. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Navy. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Marine Corps. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4

I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6

BQ45
45. How do you plan to enter military service?

I will enlist. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
I will enter via the draft. . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
I will attend a service academy . . . . . . . . . . . . . . . . . . . . . . 3
I don't know.................................................... . . . . 4
46. How important was each of the following in helping you decide to enter the military service after leaving high school?
(Circle one number on each line.)

|  |  | Not important | Somewhat important | Very impartant |
| :---: | :---: | :---: | :---: | :---: |
| BQ46A | Wanted to enter military service. | 1 | 2. | 3 |
| BQ468 | A low draft-lottery number. | $\therefore 1$ | 2. | 3 |
| BQ46C | Wanted to earn money for my education or become eligible for education and other benefits under the GI Bill | $1$ |  | 3 |
| BQ46D | Wanted to support myself. | 1 | 2. | . 3 |
| BQ46E | Wanted to support my family. | 1. | 2 | 3 |
| BQ46F | Wanted to fulfill my draft obligation. | 1 | . 2 | . 3 |
| BQ46G | Wanted to have a career in the military | 1. | 2. | 3 |
| BQ46H | Wanted to get vocational or job training in the service. | 1 | 2 | 3 |
| BQ46I | Wanted to get a college education in the service. | 1 | 2 | 3 |
| BQ46J | Wanted to travel, see the world, or get away from home. | 1. | . 2 | . 3 |
| BQ46K | Did not qualify for the civilian schooling I wanted. | 1 | 2. | 3 |
| BQ46L | Could not afford the civilian schooling I wanted. | 1. | 2. | 3 |
| BQ46M | Did not have a civilian school within commuting distance of my home | $1 .$ | 2. | 3 |
| BQ46N | Did not get the civilian job I wanted | 1. | 2 | 3 |
| BQ460 | Parents or counselors advised me to enter military service. | 1 | 2. | 3 |
| BQ46P | Recent pay increases for military recruits. | 1 | 2. | . 3 |
| BQ46Q | Could earn more money in military service than in civitan life | 1. | . 2 | 3 |
| BQ47 | 47. How long do you expect to be on full-time active duty in the military service? |  |  |  |
|  | For initial training for the National Guard | (Circle one.) |  |  |
|  | For initial training for the National Guard or Reserve only | $.1$ |  |  |
|  | For one two-year tour of duty only. . . . . . . . . | . . 2 |  |  |
|  | For one three- or four-year tour of duty . . . . . | $\therefore 3$ |  |  |
|  | For more than one tour of duty, but less than a full career term | $\ldots 4$ |  |  |
|  | For a full career term (20 years minimum) . . . . | . . . 5 |  |  |
|  | I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6 |  |  |  |

## (Circle one number on each line.)

## Does not Applies <br> apply to me to me

BQ48A Retire ..... 1. . . . . . . . . 2
BQ48B Find part-time work ..... 1. . . . . . . . . . 2
BU48C Find full-time work ..... 1. . . . . . . . . 2
BQ48D Go to college either full- or part-time ..... 1.... . . . . . . 2
BQ48E Attend a vocational, technical, business, or trade school either full- or part-time ..... 1. . . . . . . . . . 2
BQ48F Enter an apprenticeship or on-the-job training program .....  1. .....  2
BQ48G Be married .....  1. ..... 2
BQ48H Other ..... 1. . . . . . . . . 2
BQ48I I don't know .....  2
49. Here are some reasons others have given for not continuing their education full-time during the yearafter they leave high school. Which of these reasons apply to you?
(Circle one number on each line.)

| Does not |
| :---: |
| apply to me |$\quad$| Applies |
| :---: |
| to me |

BQ49A Need to earn money to support my family....................................... . . 2
BQ498 Need to earn money before I can pay for further schooling . . . . . . . . . . . 1 . . . . . . . . . 2
BQ49C Failure to find out in time about admission requirements, cost of attending, availability of a school in the area, etc.
. 1. . . . . . . . . 2
BQ49D Poor high school grades or poor scores on college admission tests. . . . . . 1.......... 2
BQ49E Lack of high school credits required for college entrance. . . . . . . . . . . . . . . . . . . . . . . 2
BQ49F Applied at one or more schools, but was not accepted. . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ49G Lack of a school within commuting distance of my home . . . . . . . . . . . . . . . . . . . . . . 2
BQ49H Discouraged from continuing by teachers or counselor. . . . . . . . . . . . . . . . . . . . . . . . 2
BQ491 Discouraged from continuing by parents. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ49J Am waiting to enter armed service. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ49K . My future plans do not require more schooling. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ49L Want to take a break, may attend school later. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ49M Plan to be married . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ49N School is not for me; I don't like it . . . . . . . . . . . . . . ................................. . . 2
BQ490 Other . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Now skip to page 31 and complete section K . For those planning to be full-time homemakers during the year after leaving high school . . .

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
50. When do you pian to become a full-time homemaker?
(Circle one.)
Before June 1972. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
June through August 1972. . . . . . . . . . . . . . . . . . . . . . . . . . . 2
September through December 1972 . . . . . . . . . . . . . . . . . . 3
In January 1973 or later . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
51. For how long do you plan to remain a full-time homemaker?
(Circle one.)
Permanently. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Until my children are fully grown . . . . . . . . . . . . . . . . . . . . 2
Until my children are in school. . . . . . . . . . . . . . . . . . . . . . . 3
Only for a few years. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
I don't know . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
52. Do you ever plan to do any of the following?
(Circle one number on each line.)
No Yes I dan't know
. Work part-time . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
1........................ 3

Work full-time
.1........... 2
.3
Attend a vocational, technical, business, or trade school part-time......1.......... 2.......... . . 3
Attend á vocational, technical, business, or trade school full-time. . . . . . . . . . . . . . . . 2. . . . . . . . . 3

Attend college full-time
1.......... 2.
2........... . 3
53. Do you have definite plans to continue your schooling part-time during the year after you leave high school?
(Circle only ane number and then follow the directions beside that number.)
(Circle one.) Directions
No. ........................................................................ $\rightarrow$ Answer question 54 below.
Yes, I plan to attend a vocational, technical, trade, or business school part-time.
Yes, I plan to take a correspondence course leading to vocational certification 3

54. Here are some reasons others have given for not continuing their education full-time during tive year after they leave high school. Which of these reasons apply to you?
(CIrcle one number on each line.)
Does not Applies
apply to me to me
BQ54A Need to earn money to support my family............................................... . . 2
BQ54B Need to earn money before I can pay for further schooling. . ..........1.......... . . 2
BQ54C Failure to find out in time about admission requirements, cost of attending, availability of a school in the area, etc. . .................... . . . . . . . . . . . . 2
BQ54D Poor high school grades or poor scores on college admission tests........1.......... 2
BQ54E Lack of high school credits required for college entrance.............................. 2
BQ54F Applied at one or more schools, but was not accepted............................. . 2
BQ54G Lack of a school within commuting distance of my home.......................... 2
BQ54H Discouraged from continuing by teachers or counselor............................. 2
BQ54I Discouraged from continuing by parents............................................... 2
BQ54J My future plans do not require more schooling. . . . . . . . . . . . . . . . . . . . . 1........... . 2
BQ54K Want to take a break, may attend school later. ....................................... . 2
BQ54L Plan to be married. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ54M School is not for me; $I$ don't like it. . ............................................... . . 2
BQ54N Other........................................................................................ . . . 2

Now skip to page 31 and complete section K .

For those planning to take vocational or technical courses at a trade or business school full- or part-time during the year after they leave high school...

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
55. When do you plan to start classes or begin taking courses in a vocational, technical, trade, or business school?
(Circle ane.)
Before June $1972 . .$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1

September through December 1972 . . . . . . . . . . . . . . . . . . 3
In January 1973 or later . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
56. How will you enroll in the course of study you plan on taking?
(Circle one.)
Regular classes full-time . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Regular classes part-time. . . . . . . . . . . . . . . . . . . . . . . . . . 2
By correspondence only ... . . . . . . . . . . . . . . . . . . . . . . . . . 3
I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
57. How lang will it take you to complete the course of study you plan on?
(Circle one.)
Less than six months. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Six months to one year. . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
More than a year, up to two years. . . . . . . . . . . . . . . . . . . 3
More than two years. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
58. Do you plan to work at the same time you are taking the courses?
(Circle one.)
No . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Yes, 1 to 5 hours a week . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Yes, 6 to 10 hours a week . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Yes, 11 to 15 hours a week. . . . . . . . . . . . . . . . . . . . . . . . . . 4
Yes. 16 to 20 hours a week . . . . . . . . . . . . . . . . . . . . . . . . . . 5
Yes, more than 20 hours a week. . . . . . . . . . . . . . . . . . . . . . 6
Yes, but I don't know how many hours a week. . . . . . . . 7
I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8
$\qquad$
No
1
Yes
. 2
60. Do you plan to transfer to a four-year coliege or university once you finish your vocational training? (Circle one.)
Definitely . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Maybe. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Probably not . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Definitely not. . . . . . . . . . . . .-. . . . . . . . . . . . . . . . . . . . . . . 4
61. How much do you think your vocational training will cost you in the first year after you leave high school? Please include all expenses for one year (fees, tuition, room and board, books, etc.) in your estimate. (CIrcle one.)
Less than $\$ 500 . . . . . . .$. . . . . . . . . . . . . . . . . . . . . . . . . . 1
\$500-\$749 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
\$750-\$999 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
\$1,000-\$1,499.... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
\$1,500-\$1,999......................... . . . . . . . . . . . . . . . . . . . 5
\$2,000-\$2,499. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6
\$2,500-\$2,999 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 7
$\$ 3,000$ or more . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8
I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 9
62. From which of the following sources do you expect to get money to pay for your vocational training? (Circle one number on each line.)

## Do not <br> expect to Expect to

BQ62A Parents ... ................................................................................. 2
BQ62B Savings or summer earnings . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ62C Earnings while taking the course. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ62D Husband or wife ........................................................................... . 2
BQ62E Other relatives (not parents).............................................................. . 2
BQ62F College Work-Stucy Program . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
BQ62G National Defense Student Loan Program. . ............................................. . 2
BQ62H Federal Guaranteed Student Loan Program....................................... 2
BQ62I Other loan...... . . ............................................................................ 2
BQ62J Private scholarship or grant . . ....................................................... 2
BQ62K Veterans Administration survivors' benefits or direct benefits
BQ62L Social Security Benefits for Students Age 18-22 (for children of retired, disabled, or deceased parents) . . . .................... . . . ........... . 2
BQ62M Other sources.... ............................................................................. 2

BQ63
63. Do you have definite plans to work part-time during the year after you leave high school?
(Circle only one number and then follow the directions besides that number.)

64. Here are some reasons others have given for not going on to a four-year college or university during the year after they leave high school. Which of these reasons apply to you?

Need to earn money to support my family.
. . . . . . . 2
1............ 2

8Q64C Cannot afford a four-year college or university education
1........... 2

BQ64D Failure to find out in time about four-year college or university admission requirements, cost of attending, availability of a college in area, etc. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2

B064E
Poor high school grades or poor scores on college admission tests 1........... 2

BQ64F Lack of high school credits required for four-year college or university entrance ................... .............................. . . . . . . . . . . . . . 2
BQ64G Applied at one or more four-year colleges or universities, out was not accepted. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Lack of a four-year college or university within commuting distance of my home.
1......... . . 2

Discouraged from attending a four-year college or university by teachers or counselor
1.......... . . 2

Discouraged from attending a four-year college or university by
 2
BQ64K Am waiting to enter armed service

$\qquad$

BQ64L My future plans do not require a four-year college or university education. ............. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 . . . . . . . . . . 2
BQ64M Plan to be married
1..... ... . 2

BQ64N School is r.ot for me; I don't like it . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 . . . . . . . . . . 2
BQ640 Other. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Now skip to page 31 and complete section K .

> For those planning to go to a four-year college or university, junior or community college, or take college-level correspondence courses during the year after leaving high school...

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
65. When do you expect to begin college?

## (Circle one.)

Before June 1972. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
June through August 1972. . . . . . . . . . . . . . . . . . . . . . . . . 2
September through December 1972 . . . . . . . . . . . . . . . . . . . 3
In January 1973 or later . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
66. Have you applied for admission to any college or university?

Yes, to one college. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Yes, to two or three colleges . . . . . . . . . . . . . . . . . . . . . . . . . 2
Yes, to four or more colleges. . . . . . . . . . . . . . . . . . . . . . . . . 3
No, the college I'm planning to attend does not require advance application for admission. . . . . . . . . . . 4
No, I plan to apply soon. . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
67. Have you been accepted by any coliege or university?

## (Circle ane.)

Yes. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
No, I have applied but have not been accepted........ . 2
No, I have not applied to any college . . . . . . . . . . . . . . . . . 3
68. How important are each of the following in choosing the college you plan to attend?

|  |  | (CIrcle one number on each Ilne.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Not important | Somewhat important | Very important |
| BQ68A | College expenses (tuition, books, room, and board) | ...1... | 2. | 3 |
| BQ68B | Availability of financial aid such as a school loan, scholarship, or grant |  | 2. |  |
| BQ68C | Availability of specific courses or curriculums | 1 | 2. | 3 |
| BQ68D | Reputation of the college in academic areas. | 1 | 2 | 3 |
| BQ68E | Reputation of the college in athletic programs. | 1 | 2 | 3 |
| BQ68F | Friends' plans to attend the college. | 1 | 2. | . 3 |
| BQ68G | College admission standards. | 1. | 2. | . 3 |
| BQ68H | Parents attended the college. | 1 | 2. |  |
| BQ68I | Advice of a counselor or teacher. | 1. | 2. | $\ldots .3$ |
| BQ68J | Advice of your parents. | 1. | 2 | . 3 |
| BQ68K | Able to live at home and attend the college. | 1 | 2. | . 3 |
| BQ68L | Able to return home frequently because of nearness of the college | 1 | 2 | . 3 |
| BQ68M | Availability of an rotc or other officer training program. |  |  |  |

69. This question asks for your present choices among certain fields of study in college. Circle one number in the first column to indicate your first choice and one in the second column to indicate your second choice. If the exact field of study is not listed, pick the most similar one.
(Be sure to circle only one number in each column from the entire list of fields.)
(Circle one.) (Circle one.)

|  | First choice | Second chaice |
| :---: | :---: | :---: |
| Agriculture (for example, agricultural economics, agronomy, forestry, and soils). |  |  |
| Architecture | 02 | 02 |
| Art (for example, art appreciation, design, drawing, and sculpting | 03 | 03 |
| Biological sciences (for example, botany, ecology, predentistry. premedicine, and zoology) |  |  |
| Black studies, Mexican-American studies, or other ethnic studies | 05 | 05 |
| Business (for example, accounting, business administration, industrial management, marketing, and finance). |  | 06 |
| Computer and information sciences (for example, programming and systems analysis). | $07$ | 07 |
| Education (for example, business education, elementary education, and physical education) | $08$ | 08 |
| Engineering (for example, chemical engineering, civil engineering. electrical engineering, and mechanical engineering).... | 09 | 09 |
| English (for example, creative writing, linguistics, literature, and speech and drama) | $10$ | 10 |
| Foreign languages (for example, French, German; Italia., Latin, and Spanish) |  |  |
| Health-related careers (for example, nursing, medical technology, and $x$-ray technology) | 12 | 12 |
| Home economics (for example, dietetics, family and child development, nutrition, and textiles and clothing) | 13 | 13 |
| Interdisciplinary studies | 14 | 14 |
| Journalism (for example, communications and radio and | 15 | 15 |
| Mathematics (for example, calculus and statistics) | 16 | 16 |
| Music (for example, music appreciation and composition). | 17. | 17 |
| Philosophy or religion (for example, ethics, logic, and theology) | 18 | 18 |
| Physical science (for example, astronomy, biochemistry, chemistry, geology, and physics) | 19 | 19 |
| Social sciences (for example, anthropology, economics, government, history, political science, prelaw, psychology, social work, sociology, and urban affairs) | . 20 | 20 |
| Vocational or technical (for example, automobile repair, carpentry, computer programming, drafting, plumbing, stenography, and television repair) |  | 21 |

A two-year college (junior college, technical institute, vocational school, or community college) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
A four-year college or university .: . . . . . . . . . . . . . . . . . . . . 2
Have not decided yet . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3

BQ71 71. How will you enroll in the course of study you plan on taking?

## (CIrcle one.)

Regular classes full-time. . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Regular classes part-time. . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
By correspondence only . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
72. Do you plan to transfer to a four-year coliege or university after junior or two-year college?
(Clicle onc.)
No, I plan to attend or take courses at a
four-year college after high school . . . . . . . . . . . . . . . . I
Yes; I definitely plan to transfer. . . . . . . . . . . . . . . . . . . . . 2
I have tentative plans to transfer........................ . . 3
I am undecided about transferring. . . . . . . . . . . . . . . . . . . . 4
I probably won't transfer. . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
I definitely won't transfer . . . . . . . . . . . . . . . . . . . . . . . . . . . 6

BQ73 73. How much do you think it will cost you to attend college or take courses during the first year after you leave high school? Please include all expenses for one year (fees, tuition, room and board, books, etc.) in your estimate.
(CIrcle one.)
Less than $\$ 500 . . . . .$.
\$500-\$749. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 02
\$750-\$999 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 03
\$1,000-\$1,499 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 04
\$1,500-\$1,999 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 05
\$2,000-\$2,499 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 06
\$2,500-\$2,999 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 07
\$3,000-\$3,499 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 08
\$3,500-\$4,499. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 09
\$4,500 or more . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
I don't know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 11

## (

74. From which of the following sources do you expect to get money to pay for your college education?
(Circle one number on each line.)

> Do not
> expect to Expect to

Parents
.1......... . 2
BQ74B
Savings or summer earnings.
1.
. 2
BQ74C
Earnings while taking the course.
1.......... . 2

## BQ74D

Husband or wife
1.......... . 2

BQ74E
Other relatives (not parents)
.1......... . 2
BQ74F
College Work-Study Program.
1......... . 2

BQ74G
National Defense Student Loan Program.

1. . 2

## BQ74H

Educational Opportunity Grant Program.
. 1......... . 2
BQ74I
Federal Guaranteed Student Loan Program.
1.......... . 2

BQ74J
Other loan.
. 1.
2
BQ74K
Private scholarship or grant .1............ 2
BQ74L
BQ74M
BQ74N

BQ75

BQ76
Veterans Administration survivors' benefits or direct benefits IGI Bill compensation or pension) . . . . . ............................ . . . . . . . . . . . . 2
Social Security Benefits for Students Age 18 to 22 (for children of retired, disabled, or deceased parents) . ............................................ 2
Other sources . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
75. Do you plan to work at the same time you are taking the courses?
(Circle one.)
No . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Yes, 1 to 5 hours a week . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Yes, 6 to 10 hours a week . . . . . . . . . . . . . . . . . . . . . . . . . 3
Yes, 11 to 15 hours a week. . . . . . . . . . . . . . . . . . . . . . . . . . 4
Yes, 16 to 20 hours a week. . . . . . . . . . . . . . . . . . . . . . . . . 5
Yes, more than 20 hours a week . . . . . . . . . . . . . . . . . . . . . 6
Yes, but I don't know how many hours a week......... . 7
I don't know . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8
76. Which of the following best describes your plans about participating in an officer training program, such as ROTC, while you are in college?

Would not under any circumstances take rotc or
a similar program.. Circle
Would give some consideration to taking rotc or
a similar program................................... 2
Willing to take Rotc or similar program............... . . 3
Definitely plan to take rotc or similar program. . . . . . . 4
Don't really know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
Now skip to page 31 and complete section K . section leaving high school...

For those planning to work part-time during the year after

Flease answer ever, question unless you are asked to skip to another one. You may omit any question that you or your parent: would innsider objectionable.

BQ77 77. When do you plan to begin working part-time?
(Circle one.)
Before June 1972. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
. June through August 1972 ......... ................... . 2
September through December 1972. . .................. . . 3
In January 1973 or later . . . . . . . . . . . . . . . . . . . . . . . . . 4

BQ78 78. Do you have a definite job lined up after you leave high school?
(Circle one.)
Yes, I'll continue in a job that I have now. ............. . I
Yes, I have a new job lined up..... . . . . . . . . . . . . . . . . 2
No, but I've inquired at employment agencies or potential employers, looked in the newspaper, etc. . . . . 3
No, I haven't done anything yet to get a job . . . . . . . . . 4

S $\mathbf{7 9} 79$. Is the work in the part-time job you plan to get after high school the kind of work you think you will be doing for most of your life?
(Circle one.)
Yes.............................................................. . . . 1
Yes, if I like the work. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Yes, if I succeed. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
No, I expect to become a homemaker. . . . . . . . . . . . . . . . 4
No, I expect to get further education so I can
enter a different occupation....................... . . 5
No, I expect to go into military service................. 6
No, I expect to change to a different type of work. ..... 7
No, some other reason. ................................... . . . 8
80. Here are some reasons others have given for not continuing their education full-time during the year after they leave high school. Which of these reasons apply to you?
(Circle one number on each line.)

> Does not apply to $m e$$\quad \begin{gathered}\text { Applies } \\ \text { to } m e\end{gathered}$

Need to earn money to support my family
1........... . 2

Need to earn money before I can pay for further schooling
1 ........ 2
Failure to find out in time about admission requirements, cost of attending, availability of a school in the area, etc................................... 2
Poor high school grades or poor scores on college admission tests ......1.......... 2
Lack of high school credits required for college entrance. . . . . . . . . . . . . . . . . . . . . . . . 2
Applied to one or more schools, but was not accepted..... . .......... . . . . . . . . . 2
Lack of a school within commuting distance of my home.............. . . ....... . 2
Discouraged from continuing by teachers or counselor................... . . . . . . . . . . . 2
Discouraged from continuing by parents................................... . . . . . . . . . . 2
Am waiting to enter armed service. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
My future plans do not require more schooling. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Want to take a break, may attend school later . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Plan to be married. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Schooi is not for me; I don't like it . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Other .......... ................................................................. . . . . . 1
1........... 2

Now complete section K .

Please answer every question unless you are asked to skip to another one. You may omit any question that you or your parents would consider objectionable.
82. Are you a veteran of the U. S. armed services?
Entering an apprenticeship or on-the-job training program ..... 02Working full-time
(Circle one.)

## school?

Going into regular military service or to a service academy ..... 03
Being a full-time homemaker ..... 04
Attending a vocational, technical, trade, or business school ..... 05
Taking academic courses at a junior or community college .....  06
Taking technical or vocational subjects at a junior or community college ..... 07
Attending a four-year college or university ..... 08
Working part-time ..... 09
Other (travel, take a break, no plans) ..... 10

## (Circle one.)

No. .....  1
Yes. ..... 2

83. Do you have a physical condition that limits the kind or amount of work you can do on a job?

## (Circle ane.)

No .....  1
Yes. .....  2
BQ8484. How do you describe yourself?
(Circle one.)
American Indian .....  1
Black or Afro-American or Negro ..... 2
Mexican-American or Chicano .....  3
Puerto Rican ..... 4
Other Latin-American origin ..... 5
Oriental or Asian-American ..... 6
White or Caucasian ..... 7
Other ..... 8
continueo

BQ86
85. How many of your brothers and sisters and other persons are dependent on your parents or guardian for financial support?

| ( | (Circle one number in each column.) |
| :---: | :---: |
|  | $\begin{array}{cc}\text { Brothers } & \begin{array}{c}\text { Other } \\ \text { persons }\end{array} \\ \text { and sisters }\end{array}$ |
| None. | . $0 . . . . . . . . . .0$ |
| One. | 1 |
| Two | 2........ . 2 |
| Three. | . 3 ........ 3 |
| Four. | 4........ . 4 |
| Five | ... $5 . . . . . . . .5$ |
| Six or more. | . . . . $6 . . . . . . . . . .6$ |
|  | BQ85A BQ85B |

86. How many persons other than yourself are dependent on you for financial support?
(Circle one.)
None . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 0
One . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Two or more . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
87. How rrany of your brothers or sisters will be in college next fall?
(Circle one.)
None . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 0
One . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Two . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Three . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Four or more . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
88. Is English the language spoken most often in your home?
(Circle one.)
No . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Yes . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
89. How lang have you lived in the community in which you now live?
(Circle one.)
All my life. ............ . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Ten or more years. . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Five to ten years. . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Three to four years . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
One to two years. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
Less than one year. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6
90. What was the highest educational level each of the following persons completed? If you are not sure, please give your best guess.
(Circle one number in each column.)

| - | Father or male guardian | Mother of female guardian | Oidest brother or sister |
| :---: | :---: | :---: | :---: |
| Doesn't apply | 1 | 1. | 1 |
| Did not complete high (secondary) school | 2 | 2. | 2 |
| Finished high school or equivalent | . 3 | 3 | 3 |
| Adult education program. | 4 | . | 4 |
| Business or trade school | 5. | 5 | 5 |
| Some college. | 6. | 6 | 6 |
| Finished college (four years) | 7. | 7. | . 7 |
| Attended graduate or professional school (for example, law or medical school), but did not attain a graduate or professional degree. | .8. | 8. | 8 |
| Obtained a graduate or professional degree (for example, M.A., Ph.D., or M.D.) | 9 | 9. | $\text { . . } 9$ |
|  | BQ90A | BQ90B | BQ90C |

91. As far as you know, how much schooling do your father and mother (or guardian) want you to get?
(Circle one number in each column.)

|  | Father or male guardian | Mather or female guardian |
| :---: | :---: | :---: |
| Wants me to quit high school without graduating | 1. | 1 |
| Wants me to graduate from high school and stop there. | 2 | 2 |
| Wants me to graduate from high school and then go to a vocational, technical, trade, or business school | $\text { . } 3$ |  |
| Wants me to go to a two-year or junior college. | 4. | . 4 |
| Wants me to go to a four-year college or university. | 5. | 5 |
| Wants me to go to a graduate or professional school after graduating from four-year college or university. | . 6 | . 6 |
| I don't know. | 7. | . . 7 |
|  | BQ91A | BQ91B |

8Q92 92. What religion were you brought up in?
(Circle one.)
Protestant. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Roman Catholic. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Other Christian . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Jewish . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
Other (for example, Eastern religions) . . . . . . . . . . . . . . . . 5
None . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6
93. What is the approximate income before taxes of your parents (or guardian)? Include taxable and nontaxable income from all sources.
(Circle one.)
Less than $\$ 3,000$ a year (about $\$ 60$ a week or.less) ..... 01
Between $\$ 3,000$ and $\$ 5,999$ a year (from $\$ 60$ to $\$ 119$ a week) ..... 02
Between $\$ 6,000$ and $\$ 7,499$ a year (from $\$ 120$ to $\$ 149$ a week) ..... 03
Between $\$ 7,500$ and $\$ 8,999$ a year (from $\$ 150$ to $\$ 179$ a week) ..... 04
Between $\$ 9,000$ and $\$ 10,499$ a year (from $\$ 180$ to \$209 a week) ..... 05
Between $\$ 10,500$ and $\$ 11,999$ a year (from $\$ 210$ to $\$ 239$ a week) ..... 06
Between $\$ 12,000$ and $\$ 13,499$ a year (from $\$ 240$ to $\$ 269$ a week) ..... 07
Between $\$ 13,500$ and $\$ 14,999$ a year (from $\$ 270$ to $\$ 299$ a week) ..... 08
Between $\$ 15,000$ and $\$ 18,000$ a year (from $\$ 300$ to $\$ 359$ a week) ..... 09
Over $\$ 18,000$ a year (about $\$ 360$ a week or more) ..... 10
94. Which of the following do you have in your home?
(Circle one number on each line.)
Have Do not have
A specific place for study
. 1 . . . . . . . . 2Daily newspaper1.......... . 2
BQ94CDictionary1........... 2Encyclopedia or other reference books1......... . 2Magazines.1.......... . 2BQ94GRecord player1.......... . 2
Tape recorder or cassette player. .....  2BQ94H
Color television .....  2BQ94 I
BU94J ..... 2cypewriter 2
BQ94K Two or more cars or trucks that run
BQ9595. Which best describes the location of the place in which you live?
(Circle one.)
In a rural or farming community .....  1
In a small city or town of fewer than 50,000 people that is not a suburb of a larger place .....  2
In a medium-sized city (50,000-100,000 people). ..... 3
In a suburb of a medium-sized city ..... 4
In a large city ( $100,000-500,000$ people) ..... 5
In a suburb of a large city ..... 6
In a very large city (over 500,000 people) ..... 7
In a suburb of a very large city ..... 8 (omitted)
for example: TV repairman, sewing machine operator spray painter. civil engineer, farm operator, farm hand, junior high English teacher)
97. What kind of work does your FATHER or MALE GUARDIAN usually do? (Print his usual work on the line below.)
(omitted) (for example: TV repairman, sewing machine operator, spray painter, civil engineer, farm operator, farm hand, junior high English' teacher)
98. What are his most important activities or duties in this work? (Print his duties on the line below.)
(omitted)
(for example: Types, keeps account books, files. sells cars. operates printing press, cleans buildings, finishes concrete)
99. What is his job title? (Print his title on the line below.)

## (omitted)

100. What kind of business or industry is he in? (Print the name of the industry on the line below.) (omitted)
(for example: TV and radio manutacturer, retail shoe store, State Labor Department, farm)
101. What kind of work does your MOTHER or FEMALE GUARDIAN usually do? (Print her usual work on the line below.)
(for example: TV repairman, sewing machıne operator, spray painter, civil engineer, farm operator, farm hand, junior high English teacher)
102. What are her most important job duties in this work? (Print her duties on the line below.) (omitted)
(for example: Types, keeps account books, fifes, seifs cars, operates printing press, cleans buildings)
103. What is her job titfe? (Print titfe on the line below.)
```
(omitted)
```

104. What kind of business or industry is she in? (Print name of industry on the line below.)
```
(omitted)
```

(for example: TV and radio manufacturer, retail shoe store, State Labor Department, farm)

The research staff would like to get in touch with you again next year to find out how your plans have worked out. To help us do so, we would appreciate your filling in the information on the next page. This information will be kept in strict confidence and wilf $\square$ only be used for future survey purposes.
105. Please PRINT the names and addresses of two people who will always know where to get in touch with you.
(omitted)

## Person Number One:

nem पIIIIIIIILLITITIIT
nasess $\square 1111|1111| 111111$


## Person Number Two:

Nom पT1TITITITILIIIID1


106. Do you have a driver's license (automobile operator's or chauffeur's license)? If you do, please PRINT the state in which it was issued and the identification number.

107. If you plan to go on for further schooling, please PRINT the name and location of the school you think you will go to below.
(omitted)
Name of School


Address


## OPERATION FOLLOW-UP



NATIONAL LONGITUDINAL STUDY OF THE HIGH SCHOOL CLASS OF 1972

## First Follow-Up Questionnaire

 Form BU.S. Office of Education<br>Department of Health, Education, \& Welfare<br>Washington, D.C. 20202

## Dear OPERATION FOLLOW-UP Participant:

More than a year has passed since you left high school, and the U.S. Office of Education is sponsoring the National Longitudinal Study of the High School Class of 1972. This study, being conducted by the U.S. Bureau of the Census and the Research Triangle Institute of North Carolina, is called OPERATION FOLLOW-UP. It is a nation-wide study which, we expect, will continue over a period of 6 to 8 years and produce valuable and interesting information.

We are asking you to participate in OPERATION FOLLOW-UP. The purpose of this followup is to find out what has happened to you and other seniors after leaving high school. The fact that you are working, married, in college or vocational school, or starting a family is important not only to you, but also to educational planners and policymakers. Through your completion of this questionnaire, valuable information can be obtained about a very important part of this country's population--young adults who are going through some of the most significant experiences of their lives.

Please take a little time and fill out this questionnaire. Let us know what you are doing, what you have done since high school, and what you are planning to do in the next year or so. All of the information that you provide will be absolutely confidential; your name will never be published or associated in any way with your individual answers. If there are questions that you would rather not answer, simply do not answer them.

About the questionnaire: you will not need to answer all sections of it. Begin with Section A and follow the instructions for each question. Your answers will guide you to skip parts which don't apply to you. Please follow all these instructions carefully. Most of the questions can be answered simply by circling the number for the response you choose. In some cases, you are asked to write out your answer to a question.

When you complete this questionnaire please return it to us in the enclosed post-paid envelope. Well be waiting to hear from you.

We will be sending you results from OPERATION FOLLOW-UP in 1974. Watch for our OPERATION FOLLOW.UP Newsletters.

Sincerely,

J. A. Davis

RTI Project Director
Center for Educational Research and Evaluation

K. A. Table

USOE Project Director
National Center for Educational Statistics
P.S. May we have your permission to collect school record information (grades, admission test scores, and program) from your high school? This information, too, will be kept in absolute confidence. Please sign your name below if you give permission.

## Section A - General Information

1. What are you doing now?


With whom did you live, as of the first week of October 1973?

## (Circle one.)



With husband or wife . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
With other relatives ............................. . . . . . . . . . . . . . . . . . . . . . 4
With person's, not related to me ......................................... . 5

FU5 5. How would you describe your living quarters, as of the first week of October 1973?
(Circle one.)
Private house or apartment ............................................... 1
Dormitory or apartment operated by a school or college . . ...... 2
Fraternity or sorority house ................................................ 3
Rooming or boarding house ............................................... . . .
Other folease describe $\qquad$ $1 \ldots 5$

FQ6A 6. Which of the following best describes the location of the place where you lived in the first week of October 1973?

## (Circle one.)



In a medium-sized city $150.000-100,000$ people) .................... 3
In a suburb of a medium-sized city ................................... 4
In a large city ( $100,000-500.000$ people)...........................

In a very large city (over 500,000 people) ............................ 7
In a suburb of a very large city ....................................... 8
FU6B st. How far is this from the place where you lived as a senior in high school?
(Circle one.)
Same place I lived in when I was a senior in high school ........ I
Less than 50 miles ....................................................... 2
50 to 99 miles ............................................................... . 3
100 to 199 miles ........................................................... 4
200 to 499 miles ............................................................... . 5
500 miles or more ......................................................... 6

FQ7A 7a. What was your marital status, as of the first week of October 1973?
(Circle one.)
Never married, but plan to be married within the next 12 months .................................................................. 1

Married ........................................................................ . 3
Separated. divorced, or widowed ...................................... 4

7b. When were you first married? FQ7B_E_(month) FQ7C (year)
8. Did you have any children as of the first week of October 1973?

FO8A No.........................................................................................
Yes (How many? FQ8B $\quad$ _......_2.
9. As of the first week of October 1973, were you dependent upon your parents or any other friends or relatives for more than one half of your financial support?

Yes .............................................................................. 1
No............................................................................. 2

FQ10
10. As of the first week of October 1973, how many parsons (not counting yourself) were dependent upon YOU for more than one half of their financial support?
(Circle one.)

One .............................................................................. 1
Two ............................................................................. . . . 2
Three or more............................................................. . 3
11. What is the best estimate of your income before taxes for all of 1973? If you are married, please estimate your husband's or wite's income in the second column provided. Do not include loans or gifts.

|  | Your Own income | Your Spouse's Income |
| :---: | :---: | :---: |
| TOTAL INCOME | sFQ11A | sFO1 |

From wages, salaries, commissions, and net income from business or farm
sFQ11C sFQ11D
Scholarships. fellowships
SFQ11E SEQ11F
Other for example, interest. rental property income, public issistance, and unemployment compensation)

SFQ1IG FFQ11H

## OPINIONS ABOUT YOURSELF AND THE FUTURE

FQ12 12. How far in school would you like to get?
(Circle enf.)
High school only ........................................................................................ 1



FQ13A 13a. If no other funds were available (no scholarships, parental aid, or job), how much money would you be willing to borrow to get this schooling?
(Circle one.)
None.............................................................

\$500 to $\$ 999$.. ...................................................... ......... . 2
$\$ 1.000$ to $\$ 1.999$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
$\$ 2,000$ to $\$ 3,999$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
$\$ 4.000$ to $\$ 4,999$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
$\$ 5.000$ to $\$ 6,000$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6
More than 86.000 (please specify amount _(.... 7

FQ13B 13b. Has anyone discussed with you the terms and conditions necessary to borrow money for this purpose?
No.......................................................................... 1
Yes ......................................................................... . 2

FQ13C 13c. As a result, was there any change in your borrowing plans?
(Circle one.)
No. I had no borrowing plans .......................................... 1
No, there was no change in my borrowing plans ................. 2
Yes. I decided to burrow more than I planned....................... . 3
Yes, I decided to borrow less than I planned ....................... 4
Yes, I decided not to borrow for this purpose ...................... . 5
14. As things stand now, how far in school do you think you actually will get?

15. How do you feel about each of the following statements?
(Circle one number on each line.)

|  | 1 |  | Circle | ner | h line.) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Agree Strongly | Agree | Disagree | Disagree Strangly | No Opinion |
| EQ15A | 1 take a positive attitude toward myself | 1 | 2 | 3 | . 4 | 5 |
| FQ15B | Good luck is more important than hard work for success | $1$ | $2$ |  | $\ldots 4$ |  |
| FQ15C | I feel $\sqrt{ }$ am a person of worth. on an equal plane with others | $.$ | $2$ | $.3$ | $4$ |  |
| FQ15D | I am able to do things as well as most other people | $1$ | $2$ | $3$ |  |  |
| FQ15E | Eivery time I try to get ahead, something or somebody stops me | $1 .$ | $2 .$ | $.3$ | $4 .$ |  |
| FQ15F | Planning only makes a person unhappy since plans hardly ever work out anyway | $1 .$ | $2$ | $3$ | 4 | 5 |
| FQ15G | People who accept their condition in life are happier than those who try to change things |  | $2$ | $3$ | 4 |  |
| FQ1SH | On the whole, I'm satisfied with myself .. | 1 | . 2 | 3 | . 4 | . 5 |

16. What do you expect to be doing in October 1974?
FQ16A Working for pay at a full-time or part-time jub (Circle one number on each line.)
FQ16B Taking vocational or technical courses at any kind of school or college (for example, vocational, trade, business, or other career training school) ..... 2
FQ16C : Taking academic courses at a two- or four-year college .....  .2
FQ16D On active duty in the Armed Furces tor service academy) ..... 2
FQ16E Homemaker .....  2
FQ16F' Other (please describe:

$\qquad$
1..... 1 .....  2
FQ17 17. Do you plan to have your first child (or another child) before October 1974?
(Circle one.)
Yes ..... 1
No ..... 2
Dun't know ..... 3
18. How many children altogether do you eventually expect to have?

|  | (Circle one.) ${ }^{-}$ |
| :---: | :---: |
| None | ...... 0 - |
| One | 1 |
| Two | .... 2 |
| Three | . 3 |
| Four or more | $t$ |

19. What kind of work will you be doing when you are 30 years old? (Circle the one that comes closest to what you expect to be doing.)

CLERICAL such as bank teller. bookkeeper. secretary. typist. mail carrier. ticket agent01
CRAFTSMAN such as baker. automobile mechanic. machinist. painter, plumber, telephone installer. carpenter ..... 02
FARMER FARM MANACGEK ..... 03
HOME:MAKER OR HOLSENIFE ONLY ..... OH
l.ABORER such as construction worker. car washer, sanitary worker. farm laborer ..... 05
MANAGER. ADMINISTKATOR such as sales minager. office manager. school administrator. buyer. restaurant manager. government official ..... 06
MILITARY such as career officer. enlisted man or woman in the Armed Forces ..... 07
OPFRATIVE such as meat cutter. assembler, machine operator, welder, taxicab. bus. or truck driver. gas station attendant ..... 08
PROFESSIONAL such as accountant. artist. registered nurse engineer, librarian. writer. social worker. actor. actress. athete. politician. but not including public school teacher ..... 09
PROFESSIONAL such as clergyman. dentist. physician. lawyer. scientist, college teacher ..... 10
PROPRIETOR OR OWNFR such as owner of a small business. contractor. restaurant owner ..... 11
PROTECTIVE SERVICE; such as detective, policeman or guard. sheriff firentan ..... 12
SALES such as salesman. sales clerk. advertising or insurance agent. real estate broker ..... 13
SCHOOL TEACHFR such as elementary or secondary ..... If
SERVICE such as barber, beautician. practical nurse. private household worker, janitur. watter ..... 15
TECHNICAL such as draftsman. medical or dental technician. computer programmer .....  6
NOT WORKING ..... 17
20. How important is each of the following to you in your life? (Circle one number on each line.)

- Not Somewhal VeryFQ20BBeing successful in my line of workImportant Important Important
FQ20CFinding the right person to marry and having a happy fambly life1............. 2
3Having lots of money1........... 2FQ20DHaving strong Iriendships1............. 2

2. ..... 3
FQ20E Being able to find sterady work: ..... 23
FQ20F Being a leader in ms community3
FQ20G Being able to give my children better opportunitues than I've had .....  3
FQ20H Living close to parents and relatives ..... 3
FQ20I Getting away from this area of the country ..... 3
FQ20J Working to correct social and economic inequalities ..... 3
FQ20K

## Section B - Education and Training

This section asks information about your training and education since leaving high school. First we would like to know....
21. Between the time you left high school and October 1973, have you participated in any program such as on-the-job training, registered apprenticestips, manpower training, personal enrichment, or correspondence caurses? Do not include Armed Forces training programs, or regular school and college programs.


22a. What type of training program(s) have you participated in?
(Circle one number on each line.)

FQ22AA On-the-job training ta program of instruction during normal working hours! ............................................................................................... 2
FQ22AB Formal Registered Apprenticeship (your State or Labor Union) ............................. 2
FQ22AC Manpower Development and Training (MDTA1 ............................................... 2
FQ22AD Work Incentive (WIN ) ............................................................................ 2
FQ22AE Neighborhood Youth Corps (NYC) ................................................................... 2

FQ22AG Correspondence coursers1 ....................................................................... 2
FQ22AH Non-credit courses for persunal enrichment ...................................................... 2

FQ22B 22b. What type of work were you being trained for or learning about? If you have participated in more than one program, answer for the one in which you spent the most time. (Examples: plumbing, typing, avto mechanic work, photography, sales, etc.)
(Write in)

FQ2 2C 22c. How long does (or did) this program last?
(Circle one.)
Less than one month ............................................... 1
One to fix months ............................................ 8
Six to eleven months ...................................................... 3
One year or more ....... ................................................. 4
FQ22D 22d. Have you completed this program?

## ,

(Circle one.)
Yes ..........................................................................
No. left without completing ........................................... . 2
No. still enrolled ............................................................ 3
FQ22E 22e. Have you used this training on any job?

```
Yes ... ..............................................................
```

No.....: ......................................................................... 2

| FQ23 2 | 23. | Since leaving high school, have you attended any school like a college or university, service academy, school, trade school, tectrical institute, vocational school, community college, and so forth? |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Yes ........................................................... 1 |  |  |
|  |  | No............................................................... . 2 |  |  |
| 24. |  | Here are some reasons others have given for NOT continuing their formal education after leaving high Which of these reasons, if any, apply to you? |  |  |
|  |  |  | (Circle one number on each line.) |  |
|  |  | 4 | Applies to me | Does not apply to me |
| FQ24A |  | Needed to earn money to support my family |  |  |
| Fu24B |  | Needed to earn money before I could pay for further education | 1. | 2 |
| FQ24C |  | Could not afford a four-year college or university education | ... 1. |  |
| FQ24D |  | Failed to find out in time about admission requirements, cost attending, availability of a school in the area, etc. | of 1. | $\ldots .$ |
| FQ24E |  | Poor high school grades or poor scores on college admission tests | ........ 1. | 2 |
| FQ24F |  | Lack of high school credits required for college entrance |  | 2 |
| FQ24G |  | Applied to one or more schools, but was not accepted | 1 |  |
| FQ24H |  | Lack of a school within commuting distance of my home | 1 | $\ldots .2{ }^{\text {b }}$ |
| FQ24I |  | Discouraged from continuing by teachers or counselor | 1 | 2 |
| FQ24J |  | Discouraged from continuing by parents | 1 |  |
| FQ24K |  | Wanted to enter Armed Forces | 1. | 2 |
| FQ24L |  | My plans did not require more education | 1. | 2 |
| FQ24M |  | Planned to be married | 1. | ... 2 |
| FY24N |  | School is not for me; I don't like it | .. 1. | 2 |
| FU240 |  | Offered a job I wanted |  | 2 |
| FQ24P |  | Wanted to earn money for myself | 1. | 2 |
| FY24U |  | Wanted practical experience before going on to school | 1. | 2 |

## SCHOOL ATTENDANCE IN OCTOBER 1973

FQ25. 25. Were you taking classes or courses at any school during the first week of October 1973?

| No.Yes |  |  |
| :---: | :---: | :---: |
|  |  |  |

26a. What is the exact name and location of the school you were attending in the first week of October 1973? (Please print and do not abbreviate.)


| City: | FQ26AB |
| :--- | :--- |
| FICE CODE: | FQ26AA |

FQ26B 26b. What kind of school is this? (Circle one.)
Vocuticnal. trade, business or other career training school ...... 1
Junior or community college (two-year)................................ 2
, Four-year college or university ....................................... 3

FQ26C 26c. Is this school public or private?
$\qquad$
Private ....................................................................... 2

27a. When did you first attend this sctool? FQ27AA (month) FQ27AB_(year)
FQ27B 27b. During the first week of October 1973, were you classified by this school as a full.time student?

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |

27c. About how many hours a week did your classes meet in the subjects or courses in which you were enrolled at that time? Inciude time in lectures, shop, laboratories, etc.

FU27C_Hours per week
FQ27D 27d. At that time were you classified by your school as a freshman or sophomore?
(Circle one.)
My school doesn't classily students this way ....................... 1
Freshman (first-year student . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Sophomore (second-year student) ........................................ 3

28. As of the first week of October 1973, what was your actual or intended field of study or training area (for example, practical nurse, machinist, beautician, civil engineering, accounting, psychology, home economics, etc.l Please name the specific field or area:
(Write in): $\qquad$

28b. Is this in an academic field or vocational area? Please select below the academic field OR vocational area which comes closest to this field or area.
FU28B
(Circle only one academic field $\underline{Q R}$ one vocational area.)

ACADEMIC FIELDS itypically leading to at least a Bachelor's degree)

Business taccounting, marketing, personnel
management, etc.) ............................... 02
Education (elementary, special, physical, etc.) . . 03
Engineering (civil, electrical, mechanical, etc.) ..OA
Humanities and Fine Arts (music, religion, English, etc.)

Physical Sciences and Mathematics (physics.
geology. chemistry. etc. 1 ..... 06
Social Sciences (psychology, history,
econornics. sociology. etc. 1 ....................... 07

Other academic fields tagriculture, home econornics, nursing, etc.)08
An academic field, but undecided (circle here
and SKIP to q. 29)
.09

FQ28C 28c. How long does it normally take to complete this program?

|  | (Circle one.) |
| :---: | :---: |
| Less than three months | .... 1 |
| Three to five munths | 2 |
| Six to eleven months | 3 |
| One to two years | .... 4 |
| More than two years | 5 |

## SCHOOL ATTENDANCE IN OCTOBER 1972

FQ29A 29a. Now please think back a year to the Fall of 1972, Were you taking classes or courses at any school during the month of Octaber 1972?


29b. Here are some reasons others have given for NOT continuing their formal education right affer leaving high school. Which of these reasons apply to you?


32a. What is the exact name and location of the school you were aftending in the month of Ocfober 1972? (Please print and do not abbreviate.)
School Name: $\quad$ FQ32NAME
City: $\quad$ SQ32AB $\quad$ State: $\quad$ FQ32AC

FICE CODE: FQ32AA

32c. Is this school public or private?
Public . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

$$
\text { Private .................................................................................... . . } 2
$$

33a. When did you first attend this school? FQ33AA (month) FQ33AB__(year)

33b. During October 1972, were you classified by this school as a full-time sfudent?
Yes .
. 1

No..................................................................................... . . . . 2

33c. About how many hours a week did your classes meet in the subjects or courses in which yqu were enrolled at that time? Include time in lectures, shop, laboratories, etc.

FQ33C Hours per week

Eq34

FQ35A
Fu35B
Fu35C
FQ35
ru35
FQ3SF
FQ35G
Fu35
FQ35I
H. Was your field of study or :raining area in October 1972 the same as you indicated for the first week of October 1973?
(Circle one.)
Yes $\ldots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .$.

No. different than in October 1973 .......................................... . . . 4
35. Listed below are some reasons why students change fields or iraining areas. What were the reasons in your siluation?

|  |  | (Circle one number on each line.) |  |
| :---: | :---: | :---: | :---: |
|  |  | Applies to me | Does not apply to me |
| FQ35A | Courses more difficult than I expected | . 1. | 2 |
| Fu35B | Met people with new ideas | 1 | ... 2 |
| Fu35C | Poor advice on original choice | 1 | 2 |
| FQ350 | Lack of information on jobs related to original choice | 1. | 2 |
| FQ35E | Content of courses different from what I expected | 1. | .. 2 |
| FQ35F | New information about other fields of study or training areas | 1. | 2 |
| FQ35G | Interest aroused by courses | 1 | $\ldots .2$ |
| FU35 H | More jobs avallable for graduates in the field 1 changed to | 1. | . 2 |
| FQ35I | Other 'please specify: | 1. | ... 2 |

36a. In October 1972, what was your actual or intended field of study or training area (for example, practical nursing, machinist, beautician, civil engineering, accounting, psychology, home economics, etc.)? Please name the specific field or area:
(Write in): $\qquad$

FQ36C 3be. How long dees it normally take to complefe this pragram?

## Circle one.

Less than three months ................................................ 1
Three to five months ..................................................... 2
Six to eleven months ..................................................... 3
One to two years .......................................................... 4
More than two years ................................................. 5
37. Did you withdraw altogether from this school prior to sompleting your training or program of studies?

38. What were your reasons for withdrawing altogether?
(Circle one number on each line.)

|  | Applies to me | Does not spply to me |
| :---: | :---: | :---: |
| Became i!! |  | .... 2 |
| Had financial difficultes |  | 2 |
| Family emergency | 1 | 2 |
| Was offered a good job | 1 | 2 |
| Got married or planned to get married | 1 | 2 |
| School work was not relevant to the real world | 1 | 2 |
| Wanted to get practical experience | / 1 | 2 |
| Courses were too hard | 1 | 2 |
| Failing or not doing as well as I wanted |  | 2 |
| Became homesick | 1 | $\pm$ |
| Other (please describe: |  | 2 |

FQ39 39. Besides any school(s) you may already have reported in this section of the questionnaire, have you attended any other schools since leaving high school? Include schools like colleges and universities, service academies, business schools, irade schools, technical institutes, vocational schools, community calleges, and so forth.

403. What is the exact name and location of this school? Please print and do not abbreviafe. (If you attended more than one other school, then give the one that you attended the langest.)

| School Name: $\quad$ FQ4ONAME |
| :--- |
| City: |
| FICE CODE: FQ40AB FQ40AC |

40t. What kind of school is this? (Circle one.)
Vocational. trade. business or other career training school ...... 1
Junior or community college (two-yearl................................. 2
Four-year college or university ............................................. 3

40c. When did you first attend this school? FQ40CA (month) FQ40CB (year)
40d. Are you currently attending this school?
FULUDA lins ........................................................................ 1
No (1)ate left: FQ40DB_month FQ40DC_ year)....2

## EDUCATION AND TRAINING PROGRESS AFTER HIGH SCHOOL

41a. Since leaving high sehool which of the following best describes how well you have done in all of your courso-work or fraining through October 1973? If your school(s) or program(s) do not use letter grades. please choose the letter grade that comes closest to describing your progress.

## (Circle one.)

Mostly A .......................................................................... 1
About half $A$ and half B ........................................................ 2
Mostly 8 ....................................................................... . . . 3

. Mostly C . ...................................................................... . . 5

Mostly D .......................................................................... 7
Mostly below D . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8

FU41B Alb. Do any of these schools or programs give credifs?
(Circle one.)


41c. Since leaving high schoof, about how many credits had you earred by October 1973? (Write in.I
FU41CA Number of quarter hours
FU41CB. Number of semester hours
FQ41CC Number of other type of credits (please specify type: $\qquad$ )
44. Between the time you left high school and October 1973, had you participated in a formal program of academic or career counseling, tutoring, or remedial courses other than those services that were provided to all students in your college, school or training area?
(Circle one.)


44b. What was the exact name, nature, and location of the progra .1 in which you participated? Name of the program $\qquad$
Nature of your participation:
(Circle one number on each line.)

|  | Applies to me | Does not apply to me |
| :---: | :---: | :---: |
| FQ44BB Counseling | . 1 | 2 |
| FQ44BC Tutoring | 1. | 2 |
| FQ44BD Remedial courses | 1. | 2 |
| Name of institution: FQ44NAME | FICE CODE : | FQ44BE |
| City: $\ldots$ FQ44BF | State | FQ44BG |

45. With regard to your education and training since leaving high school, how satisfied as a whole are you with the following?
(Circle one number on each line.)

|  | (Circle one number on each line.) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Very satisfied | Somewhat satisfied | Neutral or no opinion | Somewhat dissatisfied | Very dissatisfied |
| The ability, knowledge. and personal qualities of most teachers | $1 .$ | $.2$ | 3 | 4 | 5 |
| 1 The sucial life | 1. | 2 | 3 | 4 | 5 |
| Development of my work skills | . 1 | 2 | 3 | 4 | 5 |
| My intellectual growth ........... | . 1 | 2 | 3 | 4 | . 5 |
| The amount of money I have to get along on | 1. | 2 | 3 |  | . 5 |

## SCHOOL FINANCES

The purpose of this part is to learn how students pay for their training and education after leaving high school. so that financial aid programs can be changed to meet student needs better. The following questions apply to any training and education you received after leaving high school and before Fall 1973

46a. About hnw much did training or schooling cast, during the first year after high school, regardiess of who paid? Give the expenses and the number of months you were in school or training during this period.

Total expenses : FQ46AA Spent over how many months: FQ46AB

46b. How was this money spent?

| FU46BA | Tuition and fees |
| :---: | :---: |
| \$ FQ46BB | Rexum and board |
| S FQ46BC | Rooks and supplies |
| FU463D | Transportation |

$\left\{\begin{array}{cc}\begin{array}{c}\text { Combinations } \\ \text { Code }\end{array} & \text { Amount } \\ \begin{array}{cc}\text { FQ46BF } \\ \text { (See manual for coding rules) }\end{array} \\ \text { FQ46BG }\end{array}\right.$
47. In paying for these costs, how much came from each of the following sources? (Please circle all that apply and write in the amounts.)
SAVINGS OR EARNINGS

ular bank foan
National Defense , Direct, Student Loan Program .... ..... 18
Health Professions Student Loan Program ..................... 19
Nursing Student Loan Program ................................... 20
OTHER
Law F.nforcement Eiducational Program ....................... 21
Veterans Admınistration War Orphans or Survivors Benefits Programs

21 is $\qquad$ ,

Veterans Administration direct benefits iGI Bill compensation or pension)
.22 (\$ $\qquad$ .23
Vocational Rehabilitation Program benefits .................. 24
Social Security Benefits 'for students aged $18-22$ who are children of retired. disabled. or deceased parents .25

## Section C - Civilian Work Experience

In this section we would like to obtain information about the jobs you have held in October 1973 and Octuber 1972. including full-time jobs, part-time jobs. apprenticeships, and on-the-job training but do not include military service).

## JOB HELD IN OCTOBER 1973

48a. Did you hoid a job of any kind during the first week of October 1973?

$$
\begin{aligned}
& \text { No........................................................................... . . } 2
\end{aligned}
$$

48b. What were the reasons you were not working during the first week of Octaber 1973?
(Circle one number on each lune.)

> Applies Does nol to me apply to me

FL48BA
Did not want to wurk
1............. 2

FQ48BB
On temporary layoff from work or waiting to report to work
. $1 . . . . . . . . . . .2$
FQ48BC
Was full-time humemaker
1............. 2

FQ48BD Going to school $\ldots \ldots \ldots \ldots$.......................................................................... 2
FQ48BE
Not enough job openings available
1............. 2

FQ48BG
Would have required moving
.2

FQ48BI Jobs available offered little opportunity for career development ............... 1............. 2
FU48BJ Health prnblems or physical handicap ........................................................ 2
FU40BK Could not arrange child care ................................................................ 2
FQ48BL Other family responsibilities (including pregnancy) ......................................... 2
FQ48BM Waiting to enter or in Armed Forces .................................................... 2
:8BN

FQ48C
48c. Were you looking for work during September 1973?

49. Please describe below the job you held during the first week of October 1973. If you held more than one job at that time, describe the one at which you worked the most hours.
a. For whom did you work? (Name of company. business organization. or other employer)
(Write in):
b. What kind of business or industry was this? (Fur example. retail shoe store, restaurant, etc.) (Write in):
c. What kind of job or occupation did you have in this business or industry? ‘For example, salesman, waitress. secretary, etc. 1
(Write in): $\qquad$
d. What were your most frequent activities or duties on this job? (For example. selling shoes, waiting on tables, typing and filing, etc.)
(Write in): $\qquad$
e. Were you:

## (Circle one.)

An employee of a PRIVATE company, business. or individual working for wages, salary, or commissions? .........
A GOVERNMENT employee (Federal. State, county, or local)? 2
Self-employed in your OWN business. professional practice. or farm? . 3
Working WITHOUT PAY in family business or farm? .......... 4
(. When did you start working at this job? FQ49FA_(month)_FQ49FB_(year)

FQ49G
g. Are you currently working at this job?
 .2

50a. How many hours per WEEK did you usually work at this job up through the first week of October 1973?
FQ50A Hours per week

50b. Approximately how much did you usually earn per WEEK at this job at that time before deductions? (If not paid by the week, please estimate.)
\$FO50B per week
51. How satisfied were you with the following aspects of this job?
(Circle one number on each line.)

| : |  | Very satisfied | Satistied | Dissatisfied | Very dissatisfied |
| :---: | :---: | :---: | :---: | :---: | :---: |
| FQ51A | Pay and fringe benefits | 1 | . 2 | 3 | 4 |
| FUS1B | Importance and challenge | 1 | 2. | 3. | 4 |
| FU51C, | Working conditions | 1. | 2. | 3. | 4 |
| FQ51D | Opportunity for promotion and advancement with this employer | $1 .$ | $2 .$ |  |  |
| FUS 1E | Opportunity for promotion and advancement in this line of work | $1$ | 2. | . 3. | ... 4 |
| FQ51F | Security and permanence | 1. | 2 | 3 | 4 |
| FU51G | Opportunity for developing new skills | 1 | 2 | . 3 | 4 |
| FQ51H | Job as a whole | 1 |  | 3. | 4 |

52a. Do you expect to be working for this same employer in October 1974?

$$
\begin{aligned}
& \text { Yes ............................................................................ } 1 \\
& \text { No }
\end{aligned}
$$

52b. Do you expect to be working at this same kind of job or occupation in October 1974?
Yes .....  1
No .....  2
53. Were you working at any other job during the first week of October 1973 at the same time as the job you described above?
Yes .....  1
No
No ..... 2

## JOB HELD IN OCTOBER 1972

54a. Now please think back to about a year ago. Did you hald a job of any kind during the manth of October 1972?
(Circle one.)


54b. What were the reasons you were not working during the manth of October 1972?
(Circle one number on each line.)

FQS4BA
FQS4BB On temporary layoff from work or waiting to report to work
FQS4BC Was full-time homemaker
Applies me apply to me
1............. 2
1.............. 2
1.............. 2

FU54BD Going to school
1
. 2
FQ54BE Not enough job openings available .................................................................. 2

1............. 2

FU54 BG Would have required moving ............................................................... 2
FQ54BH Required work experience 1 did not have ................................................ 2
FQ54B1 Jobs available offered little opportunity for career development ............................ 2


FQS4BL Other family responsibilities (including pregnancy) .......................................... 2
FQ54BM Waiting to enter or in Armed Forces ......................................................... 2
FQ54BN , Not educationally qualified for types of work available ................................... 2

FQ54C 54c. Did you look for wark during October 1972?

| Yes |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| No. |  |  |  |  |

55. Please describe below the job you held in October 1972. If you held more than one job at that time, describe the one at which you worked the most hours.
a. For whom did you work? (Name of company, business organization. or other employer)
(Write in):
b. What kind of business or industry was this? (For example. retail shoe store, restaurant, etc.)
e. Were you:

## (Circle one.)

An employee of a PRIVATE company, business. or individual working for wages. salary, or commissions? ........ 1 A GOVERNMENT employee (Federal. State, county, or locall? 2 Self-employed in your OWN business. professional practice, or 〔arm? ....................................................... 3
Working WITHOUT PAY in family business or farm? .............
f. When did you start working at this job? FQ55FA (month) FQ55FB (year)
g. Are you currently working at this job?


56a. How many hours per WEEK did you usually work at this job in October 1972?
FQ56A Hours per week
56b. Approximately how much did you usually earn per WEEK at this job back then before deductions? (It not paid by the week, please estimate.)
\$ FQ56B per week
FU57 57. Were you warking at any other job during the month of October 1972 at the same time as the job yau described above?
$\qquad$
No...................................................................................

## GENERAL

58. Each part of this question refers to the entire 52 week period from October 1972 to October 1993.
a. About how many different weeks did you work altogether during this period? (Count all weeks in which you did any work at all or were on paid vacation.) $\qquad$ FQ58A Number of weeks
b. How many weeks during this period did you spend looking for work or on layoff from a job or waiting to report to a job? _FO58B $\qquad$ Number of weeks
c. How many different empluyers did you work for altugether during this period? (Count each employer only once, even if you had different jobs for the same employer. I FQ58C Number of employers
59. Since leaving high school, what methods did you use af any time in looking for work, and were they useful?
(Circle one number on each line.)

|  | Never looked or used | Used but did NOT obtain job | Used and obtained job |
| :---: | :---: | :---: | :---: |
| High school employment service | ....... 1..... | 2. | 3 |
| Other school or college placement service |  | 2 | 3 |
| Professional periodicals or organizations |  | 2 | 3 |
| Civil Service applications |  | 2 | 3 |
| Public employment service | 1 | . 2 | 3 |
| Private employment agency |  | 2 | 3 |
| Community action or welfare groups | . | . 2. | 3 |
| Newspaper advertisement | , | . 2 | . 3 |
| Direct application to employers | , | 2. | . 3 |
| Registration with a union | 1 | . 2 | $\ldots 3$ |
| Friends or relatives | 1 | . 2 | $\ldots 3$ |
| Other ispecify: | 1..... 1. | 2. | .. 3 |

60. While you were in high school, did you receive any specialized training intended to prepare you for immediate employment upon leaving school? (For example, auto mechanics, secretarial skills, or nurses ald.)

EY60A

FQ61
61. Since leaving high school, have you worked in a job where you expected to use this training?
(Circle one.)

62. Which of the following apply to your experience while working in this area? (Circle one number on each line.) Applies Does not one apply to me
I have been able to apply almost everything I leamed in my high schoul training . . $1 . . . . . . . . . .$. I have been able to apply the basic principles of my training, although some things are different
1............. 2
I would have liked more experience in my training before I started working ..... 2
1 received training different from the way it is done on the job ..... 2
1 found my high school training useful in on-the-job training program(s) ..... 2
1 was trained with tools or equipment that are not used on my job .....  2
I could have gotten my job without the training ..... 2I took coursework associated with my training which was not helpful in performingmy job2I would have liked more information about what was expected in the job beyond2
skills training
I would have liked other types of experience or information to be included in thetraining (describe2
I consider myself doing as well as others with similar training ..... 2
I consider the training a wise chnice ..... 2
63. Which of the following apply to your experiences when trying to find work in your area of high school training? (Circle one number on each line.) Applias Does net
I did not find many job openings in that type of work to me apply to me .....  2
I did not know how to use the equipment or tools of the jub ..... 1.............. 2
1 was not offered enough pay ..... 2
I did not have enough experience ..... 2
I did not have the coursework or knowledge required of the job ..... 2
I was offered a job related to my training but did not take it ..... 2

## Section D - Military Service

64. Since leaving high school, have you served in the Armed Forces, in a Reserve or National Guard Unit, or have you been enrolled in one of the service academies (for example, West Point)?
(Circle one.)

65. Which branch of the Armed Forces did you enter? (Write in): $\qquad$
66. Did you enlist or were you drafted?
(Circle one.)
FU66A

67. When did you begin active duty? FQ67A (month) $\qquad$ FQ67B |year)
68. Have you received (or are you receiving) four or more weeks of specialized schoaling while in the Armed Forces?

$$
\begin{aligned}
& \text { Yes .......................................................................... } 2
\end{aligned}
$$

FQ69A 69a. In which of the following fields have yau received specialized schooling?
(Circle one.)
$\frac{\text { Business }}{\text { le.g.. administration. management. clerical }}$ work. communicatinns. personnel work. etc.) .....................

$\frac{\text { Health Professions le.g., medical technology. occupational }}{\text { therapy. X-ray technology, pharmacy. etc. } . . . . . . . . . . . . . . . . . . . .} 3$
Mechanical and Engineering Technolugy ie.g. aircraft
mechanics, automotive mechanics. construction. printing. drafting, machinist. electronics, etc.I .................... 4
Services efer. fend servicr, security work, aircraft
Other iplease specify: ____..... 6
69b. What is the name of the specialized schooling program in which you spent the longest period of time? Specify your milifary specialty code, or MOS. (Please print and do not abbreviate.)
Name of pragram: FQ69B MOS: FQ69C
7
What is the highest pay grade and specialty rating you have held?
Pay grade: $\qquad$ Speciaity rating: FQ70B
71. Have you taken any courses while in the Armed Forces that:

72. Do you plan to use the GI Bill to further your education?
(Circle one. 1

73. How satisfied are (were) you with the following aspects of your work in the Armed Forces?
(Circle one number on each line.)
veristi
Sistied Satisfied Diss.ntisfiged dissatisfied
tistied Satisfied Dissintisfipd dissatisfied
very

Pay and fringe benefits
$\qquad$
Working conditions .... ...................................................
$\qquad$
$\qquad$Opportunity for promotion and advancement in the Armed

Opportunity for promotion and advancement in my



Work as a whule . . ........................................................................................................... 4
74. Are you currently on active duty?
 FQ74A Yes . 2
75. How long do you expect to be on active duty in the Armed Forces?
(Circle one.)
For a two-year tour of duty only ........................................... 1
Fur a three. or four-year tour of duty ...................................
For more than one enlistment, but less than a full career .......
For a full career 120 years minimumı . ................................ 1
Have not decided ............................................................... . . 5
76. What do you plan to do when you get out of the Armed Forces?
(Circle one number on each line.)

Full- or part-time work
Applies Does not
'College. either full-time or part-time .................................................................... 2
Technical, vocational or business or career training school, either
fult-time or part-time ........................................................................................ $\boldsymbol{2}$
Registered apprenticeship or on-the-job training program ......................................... 2
Retire ............................................................................................................... $\mathbf{2}$

Other iplease specify: $\qquad$ 1..... 1............... 2

## Section E - Information About The Past

77. Have your (a) parents or guardians or have your (b) friends your own age either encouraged or discouraged you in doing the following things since you left high school?

| (a) PARENTS OR GUARDIANS |  |  |  |  | (b) FRIENDS YOUR OWN AGE |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Circle one number on each line.) |  |  |  |  | (Circle one number on each line.) |  |  |  |
| En- couraged | Dis- couraged | Both | Neither |  | $\begin{gathered} \text { En. } \\ \text { couraged } \end{gathered}$ | $\begin{aligned} & \text { Dis. } \\ & \text { couraged } \end{aligned}$ | Both | Neither |
| $\begin{array}{r} \text { FQ77AA } \\ 1 \ldots \ldots \ldots . .2 \ldots 77 \% \\ \text { FQ77AB } \end{array}$ |  |  |  | Getling a job or going to work |  | ${ }_{2}$ | .. 3 |  |
|  |  |  |  | Going to schoul for vocational |  | $2$ |  |  |
|  |  |  |  | or technical training |  |  |  |  |
|  | $2$ | $\text { .. } 3 \text {.. }$ | $\text { . . } 4$ | Going to college for an academic education | 1 | $\ldots$ | $\ldots 3$ | $\ldots 4$ |
|  | . 2 | . 3 | . 4. | Getting married |  | 2. | 3 | $\ldots .4$ |
|  |  |  |  |  |  |  |  |  |
| 1... | $\ldots 2$ | . 3 | . 4. | Entering the Armed Forces |  | 2. | . 3 |  |
|  | F6 |  |  | Traveling or taking a break |  |  | .. 3. |  |

78. What is the highest educational level completed by your mother and father? If you are not sure, please give your best guess.

|  |  | None or grade school eniy | High School |  | Vocational, trade, business, or eareer program in a school or college |  | Academic programs |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Some college (including | Finished college flour-or | Master's | Ph. D.. |
|  |  |  | Did not finish | Finished |  |  | Less than two years | Two years or mare | two-year degreel |  | degree or equivalent | M.D., or equivalent |
| FU78A | Father or male guardian | - | . 2 | 3. | 1 | 5. | 6. | . 7 | . 8 | . . 9 |
| FQ78B | Mother or lemale guardian | 1. | $2$ | $3 .$ | . 4. | . 5. | . . 6 | . 7. | $\ldots$. | . . 9 |

79. Please describe below the job most recently held by your father for male guardiant, even if he is retired, deceased, or disabled.
a. For whom does (or did) he work? (Name of company, business. organization. or other empluyer)
(Write in):
b. What kind of business or industry is tor was) this? Ifor example, retail store, manufacturer. state or city government. farming. etc.)
(Write in): $\qquad$
c. What kind of job or occupation dues tor did) he have in this business or industry: 'Fur example. salesman. foreman, policeman. civil engineer. farmer, teacher,
(Write in):
d. What are lor were) his most frequent activities or duties on this job: 'fur example. selfing cars. keeping accounts. supervising others, operating machinery. finishing concrete. teaching grade schooll
(Write in): $\qquad$
80. Did your mother (or female guardian) usually work during the following periods of your life?

|  |  | (Circie one number on each line.) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Did not work | Worked part-time | Worked full.time | Does not apply |
| FQ80A | When you were in high school | 1. | 2 | . 3 | 4 |
| FQ80B | When you were in elementary school | 1 | 2 | 3 | 1 |
| FQ80C | Before you went to elementary schow |  |  |  | $\ldots$ |

1 81. Did you formaily apply for admission (fill out a form and send it in) to any college or other school al any tima before October 1973?


```
Yes
.2
```

82a. When you first applied, what was the name and address of the FIRST school or college of your choice?
Name: $\quad$ Address : $\frac{\text { FQ82NAME }}{\frac{\text { FQ82AB }}{(\text { city })}}$

FQ82B 82b. Were you accepted for admission at this school?
(Circle one.)
Yes. and attended ........................................................... 1
Yes. but this school did not have enough roum ...................?
Yes. but did not attend for other reasons ...................... . . 3
Na. was not accepted ............................................... 4
FQ82C 82c. Did you apply for financial aid at this school?


Wa. At that time, what was the name and address of your SECOND CHOICE school or college?


| Name | FQ83NAME |  | FICE CODE: | P083AB |
| :---: | :---: | :---: | :---: | :---: |
| Address | Fu83AC |  | FQ83AD |  |
|  | (city ${ }^{\text {l }}$ |  | istate) |  |

F Q83B 23b. Were you accepted for admission at this school?
1 Yes, and attended .......................................................... 1
Yes. but this school did not have enough room .................. 2
Yes. but did not attend for other reasons .. ......................... 3
No. was not accepted ................................................
(Circle one.)


4a. At that time, what was the name and address of your THIRD CHOICE school or college?


FQ84B 84b. Were you accepted for admission at this school?

|  | (Circle ane |
| :---: | :---: |
| Yes, and attended |  |
| Yes, but this school did not have enough room | 2 |
| Yes, but did not attend for other reasons |  |
| No, was nut accepted | . . 4 |

FU84C 84c. Did you apply for financial aid at this school?
(Circle one.)

84d. What were the approximate values of the financial aid that you were offered tor the first academic year? (If none, enter "none")

Scholarship: \&_FU84DA_ Loan: $\$$ FQ84DB_ Promised job: $\$$ FQ84DC
85. How helpful were your high school's counseling services in each of the following areas?

|  | (Circle one number on each line.) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Services NOT available | Services available but NOT censulted | SERVICES CONSULTED AND... |  |  |
|  |  |  | Very helpful | Helpful | NOT helpiul |
| Learning how my interests and abilities fit with different jobs or "ccupatoms | 1 |  |  |  | 5 |
| Finding out where to train for the jub or occupation I wanted | $1$ | 2. | $3$ | $.4$ |  |
| Placing me in a job or helping me to find employment | $1$ | $2$ | $3 .$ | $.4$ |  |
| Finding out the schools or colleges I qualifted for which suited my abilities and interests |  |  |  |  |  |
| Finding out about costs at different schools or colleges and how to obtain financial aid |  |  | 3. | . 4 | 5 |
| Obtaining fintancia! aid to go to school or college | $1$ | $2$ | $\ldots$ | $\ldots 4$ | $.5$ |
| Recommending thelds tif work likely to have expanding empluyment opportunities | $1$ | $2 .$ | $3 .$ |  |  |

General ..... 1
Acadenic or college preparatory ..... 2
Vocational or technical:
Agricultural occupations .....  3.
Business or office occupations ..... 4
listributive education .....  5
Health occupations .....  .6
Home economics occupations .....  .7
Trade or industrial occupations ..... 8

87. Which of the following best describes how well you did in all of your course wark while in high school?
(Circle one.)
Mustly A a numerical average of $90-100$ ) ..... 1
Nbout half A and half B (85-89) ..... 2
Mostly B (80-84) ..... 3
About half 8 and half $\mathrm{C}(75-79)$ .....
Mostly C (70-74) .....  5
About half C and half $D(65-69)$ ..... 6
Mostly D (60-64) .....
Mostly below D (below 60) ..... 8
88. When you were a senior in high schoal, how many haurs per weak on the average did you work in a paid or unpaid job? 00 NOT include work while in a vacation period.
(Circle one.)
None..........................................................
Less than 6 hours.........................................................
itu. 10 huurs................................................................ 2
I1 to 15 hours ........................................................... 3
16 to 20 hours ............................................................. 4
21 to 25 hours ............................................................ 5
26 to 30 hours ............................................................ 6
More than 30 huurs .................................................... 7
89. When you were a senior in high school, did you participate in any of the following types af activities, either in or out of schioal?

Athletic teams. intramurals. letterman's club, sports club
(Circle one number on each tina.)

| Did NOT Participated |  |
| :---: | :---: |
| participate | Participuted <br> astivaly a l leosdor <br> or officer |

B010B Cheerleaders. pep club, majorettes ..................................................................... 3
B!10C Debating. drama, band, churus .................................................................... 3
BQ10D Hobby clubs such as photography, model building, hot rod, electronics. cratts........................................................................ 1........................... 3
BQ10E Honorary clubs such as Beta Club or National Honor Society $\ldots \ldots \ldots \ldots \ldots .1 \ldots \ldots \ldots \ldots . \ldots \ldots \ldots . .3$

BQ10G ' School subject matter clubs such as science, history, language,


BQ10I Vocational education clubs such as Future Homemakers. Future Teachers, Future Farmers of America, DECA, OEA. FBLA, or VICA
1............. 2 . 2. 3

BQ27
91. When you were still a senior in high school, what did most of your close friends plan to do after finishing high school?
(Circle one.)
Enter the military service.........................................
Go to vocational. technical, business, or trade schools .......... 2
Become full-time homemakers ........................................ 3
Go to college ............................................................. 4
Enter appreṇticeships or on-the-job training programs ........... 5
Go to work full-time ..................................................... 6
I don't know ................................................................. 7
Other ......................................................................... 8
92. As far as you remember, when you were a senior in high schoal, how much schooling did your father or mother (or guardian) want you to get?
(Circle one number on each line.)

|  | Don'tknow, or Does not apply | High Schoot |  | Vocational, trade, business, or carcer program in a school or colitege |  | Academic pregrams |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Some callege lincluding | Finish college (four-ar | Master's | Ph. D., |
|  |  | $\begin{aligned} & \text { NOT } \\ & \text { finish } \end{aligned}$ | Finish |  |  | Less than two years | $\begin{aligned} & \text { Two years } \\ & \text { or more } \end{aligned}$ | twa-year degree) | five-year degree) | degree ar equivalent | M.D., or equivalent |
| Father or male guardian. |  | . $2 .$. |  |  |  |  |  |  |  |
| Mother or female guardia | $\text { n.. } 1 .$ | $2$ | $3$ | $4 .$ | $\text { . } 5 .$ | . 6 | $7$ | 8. | . 9 |

93. What is the approximate income before laxes of your parents lor guardian)? Include taxable and nontaxable income from all sources.
(Circle one.)

Between $\$ 3,000$ and $\$ 5.999$ a year (from $\$ 60$ to $\$ 119$ a week) ................... 02
, Between $\$ 6.000$ and $\$ 7.499$ a year (from $\$ 120$ to $\$ 149$ a week) $\ldots . . . . . . . . . . . .03$
Between $\$ 7.500$ and $\$ 8.999$ a year (from $\$ 150$ to $\$ 179$ a week) $\ldots . . . . . . . . . .04$
Between $\$ 9.000$ and $\$ 10.499$ a year (from $\$ 180$ to $\$ 209$ a week) ................. 05
Between $\$ 10.500$ and $\$ 11.999$ a year (from $\$ 210$ to $\$ 239$ a week) .............. 06
Between $\$ 12.000$ and $\$ 13.499$ a year (from $\$ 240$ to $\$ 269$ a week) .............. 07
Between $\$ 13.500$ and $\$ 14.999$ a year (from $\$ 270$ to $\$ 299$ a week) .............. 08
Between $\$ 15.000$ and $\$ 18.000$ a year (from $\$ 300$ to $\$ 359$ a week) .............. 09
Over $\$ 18,000$ a year (about $\$ 360$ a week or more) . ................................ 10
94. Do your parents have the following in their home?
Yes ..... No
B094A A specific place for study ..... 2
BQ94B Daily newspaper ..... 2
B094C Dictionary ..... 2
Bn94D Encyclopedia or other reference books .....  .2
BQ94E Magazines .....  .2
BQ94F liecord player ..... 2
BQ94G Tape recorder or cassette player ..... 2
BO94H Color television ..... 2
B094I Typewriter ..... 2
BO94 J Electric dishwasher ..... 2
BQ94K Two or more cars or trucks that run ..... 2
BQ84 95. How do you describe yourself?
(Circle one.)
American Indian ..... 1
Black or Afro-American or Negro ..... 2
Mexican-American or Chicano ..... 3
Puerto Rican ..... 4
Other Latin-American origin ..... 5
Oriental or Asian-American .....  6
White or Caucasian ..... 7
Other ..... 8
BQ88 \%. Is English the language spoken mest often in your parents' home?
Yes ..... 1
No. .....  2
BQ92 97. What raligion ware you brought up in?(Circle are.)
Protestant ..... 1
Roman Catholic ..... 2
Other Christian .....  3
Jewish. ..... 4
None ..... 5
Other (please specify ..... ). . . . 6
BQ95 \%. When you were a senior in high school which of the foilowing best described the loeation of the place inwhich you lived?
(Circle one.)
In a rural or farming community .....
In a small city or town of fewer than 50,000 people that is not a suburb of a larger place ..... 2
In a medium-sized city ( $50,000-100,000$ people) ..... 3
In a suburb of a medium-sized city .....  .4
In a large city ( $100,000-500,000$ peopie) .....  .5
In suburb of a large city .....  6
In a very large city (over 500,000 people) ..... 7
In a suburb of a very large city .....  8
BQ83 99. During your semior year in high sechool did you have a physical condition that limited the kind and arment of wark you could de on a jab?
Yes .....  .1
No. .....  .2

The OPERATION FOLLOW-UP staff would like to get in touch with you again next year to find out how your plans have worked out. To help us do so, we would appreciate your filling in the information on the next page. This information will be kept in strict confidence and will only be used for future survey purposes.

## Section F - Background Information

Please PRINT the name, address, and telephone number where you can most usually be reached during the coming year.


Please PRINT the name, address and telephone number of your parents.

| Name: |  |
| :--- | :--- |
| Address (number, street. city, state and ZIP code) |  |
|  | Telephone |
|  | Area Code |
|  |  |

Please PRINT the names and addresses of two other people who will know where to get in touch with you during the coming year. (List no more than one person who now lives with you.)


Please give the following information about yourself.
(a) Date of birth $\qquad$ (month) $\qquad$ (day) $\qquad$ (year)
(b) Sex: (Circle one.) Male............ 1

Female .......... 2
(c) Social Security No.

OMITTED
(d) Driver's License No $\qquad$ State $\qquad$
FDATE
(e) When did you complete this questionnaire? $\qquad$ (month) $\qquad$ (day) $\qquad$ (year)


## Second Follow-Up Questionnaire

## 4 14 72

Prequared fur the

# National Center for Educational Statistics <br> Education Division <br> Department of Health, Education, and Welfare <br> Washington, D.C. 20202 

## DIRECTIONS

This questionnaire is divided into the following seven sections:
A. General Information
B. Education \& Training
C. Work Experience
D. Family Status
E. Military Service
F. Activities and Opinions
G. Background Information

Start by answering questions in Section A. You will need to answer the first question in each section, but you may not need to answer all the questions in every section. You may be able to skip most of some sections. We have designed the questionnaire with special instructions in red beside responses which allow you to skip one or more questions. Follow these instructions when they apply to you.

Read carefully each question you answer. It is important that you follow the directions for responding. which are

- (Circle one.)
- (Circle as many as apply.)
- (Circle one number on each line.)

Sometimes you are asked to fill in a blank-in these cases, simply write your response on the line provided. Where you are asked to circle a number, make a heavy circle. Here is an example:

Why did you leave high school?

|  | (Circle one number on each line.) |  |
| :---: | :---: | :---: |
|  | $\begin{gathered} \text { My } \\ \text { Reascons } \end{gathered}$ | Not My Reasons |
| Graduated |  |  |
| Entered college | 1 | (2) |
| Went to work |  | 2 |

When you complete this questionnaire, please return it to:
OPERATION FOLLOW.UP
Research Triangle Instifute
Post Office Box 12036
Research Triangle Park, North Carolina 27709
A post-paid and pre-addressed envelope is enclosed for your convenience.

## Section A: General Information

## FACTS ABOUT YOU IN OCTOBER 1974

## 1. What were you doing the first week of October 1974?

## (Circle as many as apply.)

SQ1A
SQ1B
SQ1C

SQ1D
SQIE
SQ1F
SQ1G

Working for pay at a full-time or part-time job 1
Taking açademic courses at a two- or four-year college ..... 2

Taking vocational or technical courses at any kind of school or college (for example. vocational, trade. business. or other career training school) 3
On active duty in the Armed Forces (or service academy) .....
Homemaker .....  5Temporary lay-off from work, looking for work, or waiting toreport to work 6
Other (describe: ..... , .... 7
2. How would you describe your living quarters as of the first week of October 1974?
(Circle one.)
Private house. apartment. or mobile home .....  1
Dormitory or apartment operated by a school or college .....  2
Fraternity or sorority house .....  3
Rooming or boarding house .....  4
Military service barracks, on board ship. etc. ..... 5
Other Idescribe: ..... ) .... 6
3. With whom did you live as of the first week of October 1974?(Circle one.)
By myself .....  1
With my parents .....  2
With my husband or wife .....
With parents and husband or wife ..... 4
With other relatives ..... 5
With person(s) not related to me .....  6
4. Which of the following best describes the location of the place where you lived in the first wook of October 1974?
(Circle one.)

| a rural or farming community |  |
| :---: | :---: |
| In a small city or town of fewer than $\mathbf{5 0 . 0 0 0}$ people that is not a suburb of a larger place . |  |
| In a medium-sized city ( $50.000-100.000$ people) |  |
| In a suburb of a medium.sized city |  |
| In a large city (100.000-500.000 people) |  |
| In a suburb of a large city |  |
| In a very large city (over 500,000 people) |  |
| In a suburb of a very large city |  |
| A military base or station |  |

s. Is this the SAME city or community where you lived a year ago in October 1973?

| Yes $\ldots \ldots \ldots \ldots 1$ | GO TO Q. 8 |
| :--- | :--- |
| No $\ldots \ldots \ldots \ldots .2$ | GOTO Q. 6 |

6. How tar is this from where you lived in October 1973?

## (Circle one.)

Less than 50 miles ....................... 1
50 to 99 miles . . . . . . . . . . . . . . . . . . . . . . . 2
100 to 199 miles . . . . . . . . . . . . . . . . . . . . . . . 3
200 to 499 miles . . . . . . . . . . . . . . . . . . . . . . 4
500 miles or more ....................... 5
7. What was the main reason you moved to the place where you live now?
(Circle one.)
To find ar take a job 1
To go to school ..... 2
To follow my parents or spouse to a new location .....  3
$\qquad$ 1... 4
8. How do you describe yourself?
(Circle one.)
American Indian .... .................................................. 1
Black or Afro American or Negro ............................... . 2
Mexican-American or Chicano ........................................... 3
Puerto Rican .............................................................. 4
Other Latin-American origin ....... .............................. 5
Oriental or Asian-American ............................................... . 6
White or Caucasian ...................................................... 7
Other ........................................................................... . 8

## Section B: Education \& Training

This section asks information about your training and education. The emphasis is on your school experiefices from October 1973 through ()ctaber 1974. 1Persons in the miditary service should also answer the questions in this section.)

SCHOOL ATTENDANCE FROM OCTOBER 1973 THROUGH OCTOBER 1974
9. From Octaber 1973 through October 1974 ware you enrolled in or did you take classes at any school tike a college or university, service academy or school, business school, trade school, technical institute, vocational school, community college, and so torth?

10. Did you attend school in the tirst week of October 1974?

SQ10 No ....................... GOTOQ.32..p. 7

11. What is the exact name and location of the schoal you were attending in the first woek of Octaber 1974? (Piease print and do not ablireviate.)

| School Name: | SQ11NAME |  |
| :--- | :--- | :--- |
| City: | SQ11CITY | State: SQ11B |
| FICE CODE: SQ11A |  |  |

12. What kind of school is this?
(ircle one.)


SQ13 13. Were you attending this school as part of an Armed Forces training program?

Yes $\ldots \ldots \ldots \ldots 1$
No .................
14. When did you first attend this school? $\qquad$ (month) $\qquad$ year)
15. Are you currentiy atfending this school?

```
        SQ15A Yes ..... ......I
            No............. 2 Date let:
```

$\qquad$ (month) $\qquad$ 'year:
16. During the first weak of Octaber 1974, were you classified by this school as a full-time student?


SQ17 17. During Octaber 1974, about how many hours a week did your classes meet in the subjects or eaurses in which you wers enrolied? Include time in lectures, shap, laboratories, etc.
$\qquad$ Hours per week
18. At that time how were you classified by your school?

## (Circle one.)

Freshman (First-year Student) .....  1
Sophomore (Second-year Student) .....  2
Junior (Third-year Student) .....  3
Senior (Fourth-year Student) ..... 4
Special Student ..... 5
Other classification (specify: ..... 1.... 6
My school doesn't classify students ..... 7
19. As of the first week of October 1974, what was your actual or intended field of study or training area (for exam. ple, practical nurse, machinist, beautician, civil engineering, accounting, psychology, home economics, ate.)? Please name the specific field or area:
(Write in): $\qquad$
20. Please select below the category which best describes this field or area.
(Circle one.)

Business (accounting. marketing, personnel management. etc.) . .............................................. 2
Office and Clerical (bookkeeping, stenography. general office. etc.) ........................................... 3
Computer Technology (keypunch operator, programming, computer operations. etc.) ...................... 4
Education relementary. special, physical, etc.) ................................................................... . 5
Engineering (civil, electrical, mechanical, etc.) ................................................................ 6

Humanities and Fine Arts (music, religion. English. etc.) ............................................................ 8
Heath Services inursing, lab technician, occupational therapy. etc.) ........................................ 9
Public Services (law enforcement. food service, recreation, beautician, etc.) ................................ 10
Physical Sciences and Mathematics (physics, geology, chemistry, etc.) ....................................... 1 .
Social Sciences (psychology, history. economics, sociology, etc.l .............................................. 12
Biological Sciences (zoology, physiology, anatomy, etc.) ......................................................... 13
OTHER field or area ispecify:_ SQ2OB $\quad$ _....14

21. This (above) is:
An ACADEAIC program typically leads to a 4 -or 5 -year
Bachelor's degree)...................................................... 1

A VOCATIONAL program Idoes not lead to a Bachelor's
degree) ................................................................
22. How long does it normally take one to complete this program of studies from beginning to end?

|  | (Circle one.) |
| :---: | :---: |
| Less than one year | . ... 0 |
| One year | ... 1 |
| Two years | 2 |
| Three years | 3 |
| Four years. | 4 |
| More than 4 years | 5 |

23. As of the first week of October 1974, whal kind of certificate, license, diploma, or degree were you studying for?

## (Circle as many as apply.)

(Year expect to complete.)

SQ23A
SQ23BA SQ23CA
SQ23DA
SQ23EA
SQ23FA SQ23GA
24. Was your field of study or training area in October 1974 the same as it was a year ago in October 1973?

## (Circle one.)


25. Listed below are some reasons why students change fields or training areas. What were the reasons in your situation?

|  | - Circle one number on each |  |
| :---: | :---: | :---: |
|  | $\begin{gathered} \text { My } \\ \text { Reasons } \end{gathered}$ | NOT My Reasons |
| a. Courses more difficult than I expected | 1. | $\ldots 2$ |
| b. Het penple with new ideas | 1 | 2 |
| c. Pror advice on original choice | 1 | 2 |
| d Lack of information on jubs related to original choice | 1 | 2 |
| e. Content of courses different from what I expected | 1 | . 2 |
| f. New information about other fields of study or training areas | 1 | 2 |
| g. Interest aroused by courses | 1 | 2 |
| h. More jobs available for graduates in the field I changed to | 1 | 2 |
| i. Better jobs available for graduates in the field I changed to | 1 | 2 |
| j. Other ispecify | 1 | $\geq$ |

26. Was the school you attended in the first week of October 1974 the SAME school you attended a year ago in October 1973?

Yes
1 GO TO Q. 28, nex pake
No. enrolled in different school in October 1973
$\therefore \quad G O T O Q$ 27. next naxe
27. What were your reasons for changing schools?

| My <br> Reasons | NOT My <br> Reasons |
| :---: | :---: |

SU27A
SU27B
a. My interest changed. and my former school did not offer the course of study I wanted 2
b. Wanted to attend a less expensive school .......................................................... 2

SQ27C c. My grades were too low to continue at the former school .................................. 2
SQ27D d. Wanted to be at a smaller school .................................................................. 2
SQ27E e. Wanted to be at a larger school................................................................. 2
SU27F f. Wanted to attend school closer to home ...................................................... 2
SQ27G
SQ27H
g. Wanted to attend a school farther away from home . 2

SQ27I
h. Wanted to attend a school that would give me better career opportunities . . 1 . 2

SQ27K
i. Wanted to attend a more prestigious school .2

SU27J
j. Wanted to attend a school where I could maximize my intellectual and personal development. . 2 .

## SU27L

k. More group or social activities of interest 2
l. Transferred from a two-year to a four-year school to continue my education 2

SQ27MSQ27N-SQ27U - See text.

Su28

SQ30
30. During October 1974, did you work for the school you were attending?

## (Circle one.)


Yes. working for pay (only)
.2
Yes, working off cost of tuition. housing or meals ................. 3


SU31 31. Did someone at the school (for example, a teacher, counselor, employment officer) help you find the job you had in October 1974?
32. Besides any schools you may already have reported in this section, did you enroll in or take classes at any OTHER schools trom October 1973 to October 1974? (Again include schoals like colleges and universities, service academies, business schools, frade sehools, technical institutes, vocational schools, community colleges, and so forth.)

$$
\begin{aligned}
& \text { No.............I (;0) to (1) mevinus }
\end{aligned}
$$

33. What is the axact name and location of this school? Please print and do nat abbreviate. (lf you attended mare than ane (other) school, then give the one that you attended the longest.)
S'hemil Name: ......-_SQ33NAME
City:
FICE CODE: SQ33A
34. What kind of school is this?
(Circle one.)
Vocational. trade. business or other career training school . ........ 1
Junior or community college two-yeari ............................... 2
Four-year college or university .......................................... 3
Other idescribe: ___ ......_(

35a. Whan did you first attend this school? $\qquad$ (month) $\qquad$ (year)

35b. Are you now atrending this school?

36. Did you withdraw from this school before you completed your studies?

## (Circle one.)


37. What were your reasons for withdrawing?
(Circle one number on each line.)

|  | $\begin{gathered} M_{Y} \\ \text { Reasons } \end{gathered}$ | NOT My Reasons |
| :---: | :---: | :---: |
| Became ill | ..1... | 2 |
| Had financtat difficulties | 1 | 2 |
| Was offered a ghod jub | 1 | 2 |
| (int married or planned to get married | 1 | 2 |
| Schosl work was not relevant to the real world | 1 | 2 |
| Wanted to get practical experience | 1 | 2 |
| Fanling or not doing as well as I wanted | 1 | 2 |
| Wasn't really sure what I wanted to dn |  | 2 |
| Transferred to another schoot | 1 | 2 |
| Wher Idessribe |  | 2 |

41. Considering all of the schools you have attended since high school, do ANY of these schools or pro. grams give credits which can be used for a 4 -year college Bachelor's degree?

42. Since leaving high school, about how many credits had you earned by October 1974? (Write in.)
SQ42A
SQ42B
SQ42C
$\qquad$ Number of quarter hours

Mostly A ...........................................
About half A and half B........................ 2
Mostly B ........................................... 3
About half B and half C ........................
Mostly C ......................................... . 5
About half C and half D...................... 6
Mostly D or below ............................ 7
40. Have you had a feacher or instructor during this period who knows you well enough to write you a letter of reference or give you a recommendation for a job or for attendance at another school?

$$
\begin{aligned}
& \text { Yes } \ldots . . . . . . . . .1 \\
& \text { No } \ldots . . . . . . . . . .
\end{aligned}
$$

43. Have you taken advantage of any of the following opportunities to acceierate your college program?
(Circle as many as apply.)

Began college work before finishing high school. .................. $\mathbf{2}$
SQ43C
Took an advanced placement course which would allow me to finish sooner ... 3
SQ43D
SU43E
SQ43F
SQ43G
SQ43H-SU43J
Received credit for a course just by taking a special exam ... ...........t
Took course work during summer school ......... ..................... 5
Took extra courses during the regular school term ........................... 6
Other ispecify $\qquad$ See text.
44. Considering just the 12 -month period from Fall 1973 through Summer 1974, what is your estimate of how mueh it cost you to live and go to school? (If you were not initraining or school during this time, check here $\square$ and go to Q. 58, next page.)
Do not include costs after Summer 1974.


| No $\ldots \ldots \ldots \ldots .1$ | GOTOQ. 44 |
| :--- | :--- |
| Yes $\ldots \ldots \ldots \ldots .2$ | GOTOQ. $47 \longrightarrow$ |

47. Check below which kind (s) of scholarship, fellowship, or grant you received.

SQ47A a) Basic Fiducational opportunte (irant
SQ47B bi Supplemental lidecatomal opportuntry firan
SQ47C •••College scholarship on 2 rint trom collequ lunds
SQ47D di ROTC schularshup or stupend
SQ47E el Vursing Scholarship j'rugram
SQ47F fi Social Security Benefits for students 18:-2 Who are children of disabled or deceased fancults
SQ47G gi Veteran's Admınistratom War (hrphatas or Survivors Benefits I'rogram
SQ47H hi Veterans Administration Direct Benefits ( $i l$ Bill,
SQ47I il State scholarship
SQ47J $\quad 11$ other scholarship or srant iwrite in.
SQ47K-P See text.
SU48 48. How much was the total dollar value of the scholarship(s). fellowship(s) or grant(s) you received for this period? $S$ $\qquad$
S449 49. Considering just the period from Fall 1973 through Summer 1974, did you receive a toan to go to school?


SQSOA al Federal Guaranteed Student i.oin
SQ50B bi State Luan
SQ50C ci Regular bank loan
SQ50D di National Defense Ifrect: Student l.oan
SQSOE el Nursing Student L.nan
SQ50F fi School or College Loman

SQSOH hi other loan isrite in
SQ50I-J See text.
SU51 51. How much was the total dollar value of the loan(s) you received for this period?
*See manual for coding instructions.
52. Considering just the period from Fall 1973 through Summer 1974, did you receive financial assistance (not a loan) from any relatives or triends to go to school?

53. Check the sources below from which you received this financial assistance.

| : |  | (d) |
| :---: | :---: | :---: |
| SQ53A | a) Parents |  |
| SQ53B | b) Husband or wife |  |
| SU53C | c) Other family or friends |  |

54. How much was the total dellar value of the financial assistance you received from famity or friends for this period?
$\$$ $\qquad$
55. Considering just the period from Fall 1973 through Summer 1974, did you pay any of the costs to go to school from money you had saved or eamed?


| SUS6A | a) Own savings or summer earnings |
| :---: | :---: |
| SQ56B | b) College work-study programs |
| SQ56C | c) Other eamings while taking cour |

57. How much was the total dollar value of your savings and eamings used during this period?
$s$ $\qquad$

## OTHER TRAINING

58. From October 1973 to October 1974, have you participated in any program such as on-the-job training, registered apprenticeships, manpower training programs, personal enrichment, or correspondence courses? Do not include regular school and college programs.

| No $\ldots \ldots \ldots \ldots .1$ | GO TO Q. 06. next pase |
| :--- | :--- |
| Yes $\ldots \ldots \ldots .2$ | GO TOQ. 59 |

59. What type of training program(s) or course(s) have you participated in?
(Circle as many as apply.)working hours 1.2Neighborhood Youth Corps ( NYC l6
Other manpower program ispecify: ..... 7Correspondence course(s)8
Non-credit courses for personal enrichment ..... 9
$\qquad$
See text.
60. How long does (or did) this program last?
(Circle one.)
Less than one month ........... 1
One to five months ............. 2
Six to eleven months ........... 3
One year or more . .4 photography, sales, etc.)
(Write in):12

One year or more ................ 4
4. Have you used this training on any job?
60. Were you being trained for some type of wark?

| No | GOTO Q. 62 |
| :---: | :---: |
| Yes | 0 |

61. What type of work were you being trained for or learning about? If you have participated in more than one pro. gram, answer for the ane in which you spent the most time. (Examples: plumbing, typing, auto mechanic work,
$\qquad$
|SQ63 63. Have you completed this program?
(Circle one.)
Yes.................................. 1
No. left without completing .... 2
No. still enrolled ................ 3

62. Which one of the following statements best describes the assistance you received (are receiving) from the program or training center in finding a job?
(Circle ane.)
DOES NOT APPLY TO ME since my training was in the militarv or on-the-job ...... 1
I did not want or did not need help from the center in finding a joo .................... 2
I wanted and needed help but did not receive any from the center ....................... 3
The center provided information on job openings in my field .......................... 4
The center put me directly in touch with possible employers or arranged a job for me 5
63. From October 1973 to October 1974, did you earn any certificate, license, diploma, or degree of any kind?
(Circle as many as apply.)

SQ66A
SQ66BA
SQ66CA
SQ66D
SU66E
SQ66F
SQ66GA

$$
\text { Yes } \ldots \ldots \ldots \ldots 2 \text { GOTO@ AI }
$$

69. What were your experiences in this locality (where you received your training) in trying to find work tor which you could use your training?
(Circle one.)
a. To be hired in this lucality for this kind of work. does a person actually have to have the training?
b. Does a person have to have prior job experience doing this kind of work in order to get hired in this locality?
c. Do you think there are more people in this locality who can do this work than there are jobs for them. or are there more jobs than qualified people?
d. About how many companies in this area are there that hire people to do this kind of work?
e. Do most of the new people hired by companies in this area live or go to school here. or do they come into the area to take the jobs?
(Circle one.)
Yes ...................... 1
No ........................ 2
Don't know .......... 3
(Circle one.)
More people than jobs ........................ 1
More jobs than people ....................... 2
About the same ................................. . 3
Don't know ...................................... 4
(Circle one.)
None ................. 0
Only one ............... . .
A few ................... 2
Many ................... 3
Dun't know ........... 4
(Circle one.)
Mostly local people ............................. I
Mostly from outside .......................... 2
About equal numbers ........................... 3
Don't know ... ................................... . 4
70. Since leaving high school, have you tried to find work for which you could use your training somewhere other than in the locality where you received it, such as in another part of the state or another section of the country?

$$
\begin{aligned}
& \text { Yes .............. } 1 \\
& \text { No................ } 2
\end{aligned}
$$

11. Did you find work for which you could use what you learned in school?
(Circle one.)
No ................................ SKIP TO SECTION C. nexi patye'
Yes in the locality where I received $m y$ training ...... 2
Yes. somewhere else ........... 3
Yes. both of the ahove ........4] SQ72 take you to find this work?
(Circle one.)
Before I completed my training ...... I
Immediately. or within a few days . 2
One to lour weeks....................... . . 3
One or two months ..................... 4
Three to six months . . . . . . . . . . . . . . . . 5
More than six months . . . . . . . . . . . . . . . 6
12. Haw well did your training prepare you for this work?
(Circle one.)
Very well .............. 1
Fairly well ........... 2
Not well at all ......... 3

## Section C: Work Experience

In this sectun. we would like to find out about the jobs you may have held from October 1973 through ()ctober 19.4 Include full-time jobs. part-time jobs. apprenticeships, on-the-job-training. milatary service and so on.
14. From Octaber 1973 through October 1974, did you hold a job of any kind? $\mathrm{N} 1 \mathrm{C} . . . \mathrm{I} \quad$ GO 70 Q. y/a.n. 15 Yis: ..... 2 COTOQ. $75 \longrightarrow$ 75. Were you working during the first week of October 1974? SQ75

| No | GO70) U/a.p.1s |
| :---: | :---: |
| Y'es, full-time . | (i) $T^{(1)}{ }^{\text {7h }}$ |
| Yes, part-time | (\%) 7 (). |

76. Please describe below the job you held during the first week of October 1974. (If you held more than one job at that time, describe the one at which you warked the most hours.)
a. For whom did ynu work? (Name of company, business organization, or other empluyer,
(Write in):
b. What kind of business or industry was this'? (For example, retail shoe store, restaurant, etc, (Wirite in)
c. What kind of job or occupation did you have in this business or industry? For example. salesperson. watress. secretary. etc. 1
Write int
d What were your most frequent activities or duties on this jou? (For example. selling shoes wating on tables. typing and filing. ete.

- Write in
f. Were you
(Circle one.)
An employee of a PRIVATE company, bank. business. school. or individual working for wages. salary or commissions?
A GOVERNVIEAT employee IFederal. State. county. or local institution or schoolı. . . 2
Self-employed in your OWN business. professional practice. or farm .........................

f When did you start working at this job? SQ76FA__(month_ SQ76FB__ year)
$f$ Are ynu currently working at this job?

71. How many hours did you usually work at this job in an average week?
$\qquad$ Hours per week

SQ78 78. In an average week, approximately how much did you earn at this job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)
$\$$
(Earnings before deductions,
79. How satisfied were you with the following aspects of this job?
(Circle one number on each line.)

|  | . | Very Satistied | Satistied | Digsatisfied | Vary Dissatisfied |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SU79A | a. Pay and fringe benefits | . 1 | . 2 | . 3 | . 4 |
| SU79B | b. Importance and challenge .............' | 1 | . 2 | 3. | . 4 |
| SU79C | c. Working conditions | . 1 | 2. | 3. | . 4 |
| SU79D | d. Opportunity for promotion and advancement with this employer | .. | $.2$ | 3. |  |
| SQ79E | e. Opportunity for promotion and advancement in this line of work | $\text { .. } 1 .$ | $.2$ | 3. |  |
| SU79F | f. Opportunity to use past training and education | 1 | . 2 | 3. | . + |
| SU79G | g. Security and permanence | 1 | . 2 | . 3 .. | $\ldots$. 1 |
| SQ79H | h. Supervisor(s). | I | . 2 | . 3 .. | ....4 |
| SQ79I | i. Opportunity for developing new skills | . 1 | . 2 | . 3 . . | . 4 |
| SQ79J | j. Job as a whole | 1. | . 2 | . 3 ... | $\ldots . .1$ |
| SQ79K | k. The pride and respect I receive from my family and friends by being in this line of work | $. .1 .$ | $\text { . . } 2 \text {. . }$ | $\text { . } 3 \ldots$ | $\ldots .4$ |

62. What were your experiences while working on this job?
SQ81A High school ..............................................
SQ81B Vocational, trade business. or other career training school ..... 2
SQ81C Junior or c mmunity college ..... 3
SQ81D Four-year college or university ..... 4
SQ81E Military service ..... 5
SQ81F Other Idescribe: ..... 1.... 6
(Circle one number on each line.)
63. Were you hired for this job because your employer knew you had been trained in a school or college to do this kind of work?

Yes .............. 1
No................. 2
Dun't know .... 3

SQ84 34. Did the school at which you received your training for this job refer you to this job?
Yes ............. 1

No . 2
85. Do you expect to be working in Octaber 1915?

| No............ 1$\}$ |  |
| :---: | :---: |
| Don't know ....2 ${ }^{\text {a }}$ | 8 |
| Yes ............ 1 | GOTOO. $86 \longrightarrow$ |


| 86. | Do you plan to work for the SAME EMPLOYER? |
| :---: | :---: |
| SQ86 | Yes...................... 1 |
|  | No ...................... 2 |
|  | Don't know .............. 3 |
| 81. | Do you plan to work at the SAME KIND OF WORK? |
| SQ87 | Yes...................... 1 |
|  | No ...................... 2 |
|  | Don't know .............. 3 |

89. How many hours did you usually work at this other job in an average week? $\qquad$ Hours per week
90. In an average week, approximately how much did you earn at this job? (Report your gross earnings before deduc. tions. If not paid by the week, please estimate.)
\$ $\qquad$ per week
(Earnings before deductions)
91a. If you did NOT hold a job during the first week of October 1974, what were the reasons? (If you DID hold a job at that time, check here
SQ91A8X

SQ91A8X (Circle one number on each line.)

| My <br> Reasons | NOTMY <br> Reasons |
| :---: | :---: |

SQ91AB
1.............. 2

SQ91AC
SQ91AD
SU91AE
SU91AF
SQ91AG
SQ91AH
SQ91AI
SQ91AJ
SQ91AK
SQ9IAL
SQ91AM
SQ91AN
SQ91AO
88. Were you working at any OTHER job in the first week of October 1974 at the SAME TIME as you held the job you described above?

| No $\ldots \ldots \ldots . .1$ | GOTO Q. 92. next page |
| :--- | :--- |
| Yes $\ldots \ldots \ldots .2$ | GOTO Q. 89 |

Iarnings beraredeductions)

SQ91B 91b. Were you looking for work during the first week of October, 1974?
(Circle one.)

| Yes. and did NOT work at any job during the period October 1973 to October 1974 |  |
| :---: | :---: |
| No. and did NOT work at any job during the period October 1973 to October 1974 | GOTOQ. $100 \mathrm{h.f.17}$ |
| Yes. and DID work at a job during the period October 1973 to October 1974 |  |
| No, and DID work at a job during the period October 1973 to October 1974 | GOTOQ.92. nexipace |

92. Besides any jobs you may already have reported in this section, were you working at any OTHER job between October 1973 and October 1974?

93. Please describe below this other job (the most recent one during that period).
a. For whom did you work? (Name of company, business organization, or other employer) (Write in):
b. What kind of business or industry was this? (For example, retail shoe store. restaurant, etc.) (Write in):
c. What kind of job or occupation did you have in this business or industry? (For example. salesperson. waitress. secretary. etc.)
(Write inl:
d. What were your most frequent activities or duties on this job? (For example. selling shoes. waiting on tables, lyping and filing, etc.)
|Write inl:
e. When did you start working at this job? SU93EA_(month) SO93EB_(year)
f. When did you leave this job? $\qquad$ (month) $\qquad$ (year)
94. How many hours did you usually work at this job

SQ95 95. In an average week, approximately how
SQ95 95. In an average week, approximately how in an average week?
$\qquad$
Hours per week much did you earn at this job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)
s
per week
(Earnings before deductions)
96. How important were the following as reasons for your leaving this job?
(Circle one number on each line.)

|  | (Circle one number on each line.) |  |  |
| :---: | :---: | :---: | :---: |
|  | Very Impertant | Somewhat Important |  |
| a. Poor pay or fringe benefits |  | 2 | . 3 |

b. Lack of importance and challenge
. $1 . . . . . . . . .$.
. . . . . . . . . . . 3
c. Poor working conditions
. $2 \ldots . . . . . .$.
d. Lack of opportunity for promotion and advancement with this employer
. $2 \ldots \ldots \ldots$........ 3
e. Lack of opportunity for promotion and advancement with this line of work.
. $4 . . . . . . . . . . . . . . .3$
f. No or little opportunity to use past training and education
. $2 \ldots . . . . . .$.
g. Lack of security or permanence
. $2 \ldots . . . . .$.
h. Dissatisfied with my supervisor(s)
. 2 ............. 3
i. Lack of opportunity for developing new skills .......................................... 1
. $2 \ldots . . . .$.
j. Unhappy with the job as a whole
2............. 3
k. Moved to another location
. 2 ........... 3

1. I was laid off or fired.

2
3
m. Went back to school or college
2............. 3
n. Got married or had a baby
2............. 3
o. Left to obtain a better job
2.......... 3
p. Other (specify: $\qquad$ '

2 3
97. During the entire 52 week period trom October 1973 10 October 1974, about how many weeks did you work altogether? (Count all weeks in which you did any work at all or were on paid vacation.)

Number of weck:
98. During the same 52 -week period from October 1973 to October 1974, how many different employers did you work for altogether? (Count each employer only once, even if you had different jobs tor the same employer.).

Number of employers
99. During the same 52 .week period from Octaber 1973 to October 1974, about how many weeks did you spend looking for work or on layoff from a job or waiting to report to a job?

Number ol weeks

## LOOKING FOR WORK

SU100.1
100a. Were you employed during the month of September 1974?


SQ100B 100b. Were you fooking for work during the month of September 1974
No
(i) IO) (1. 102
Yes
GOTO@. $101 \longrightarrow$
101. How long had you been looking for work as $c$ ! the end of September 1974?
SQ101
(Circle one.)
l.ess than $\boldsymbol{2}$ weeks .............. 1
2-4 weeks . ........................... 2
5-9 weeks . . . . . . . . . . . . . . . . . . . . . . . 3
10 weeks or more . . . . . . ...... t

SQ102
102. Would you be willing to move to another city or community for a job?

$$
\text { Yes . . . . . . . . . . } 1
$$

So ........
SQ103
103. At any time from October 1973 through October 1974, were you looking for work or for different job or employer?

| No | 1 |  |
| :---: | :---: | :---: |
| Yes | 2 | GOT10.114 |

104. What methods were useful to you?

|  |  |  | Used and Obtained Job | Used But Did NOT Obtain Job | Did NOT Use |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SQ104A | $a$ | Schosl or college placement sersice | . . 1 | 2 | . 3 |
| SQ104B | b | I'rofessional periodicals or orgamzations | 1 | 2 | . 3 |
| SQ104C. | c. | Civil Service applications | 1 | 2 | 3 |
| SQ104D | d. | Public employment service | 1 | 2 | . 3 |
| SQ104E | e | I'rivate employment agency | 1 | $\geq$ | 3 |
| SQ104F | $f$. | Community action or welfare groups | . 1 | 2 | 3 |
| SQ104G | 4 | Newspaper. TV or radio ads | 1 | 2 | 3 |
| SQ104H | , h | Direct application to emplovers | 1 | 2 | 3 |
| SQ104I | 1. | Registration with a union. | 1 | 2 | 3 |
| SQ104J | $J$. | Friends or relatives | 1 | $\underline{\sim}$ | 3 |
| SQ104K | $k$. | Attendance at joh fars | 1 | $\underline{\square}$ | 3 |
| SQ104L | 1 | Other ispeeify | 11 | 3 | 3 |

## Section D: Family Status

105. What was your marital status, as of the first week of October 1974?
(Circle one.)

| Never married, but plan to be married within the next 12 months. |  |
| :---: | :---: |
| Never married, and don't plan to be married within the next 12 months | GOTOQ. 110. next nase |
| Divorced. widowed. separated..... .............................. 3 3 |  |
| Married | GOTOQ. 106 |

106. When were you first married? $\qquad$ (month $\qquad$
$\qquad$ (year)
107. As of October 1974, what was your husband or wife doing?

| SU107A | Working for pay at a full-ume or part-time job .................. 1 |
| :---: | :---: |
| SQ107B | Taking academic courses at a two-or four-year college ......... 2 |
| SQ107C | Taking vocational or technical courses at any kind of school or college tfor example, vocational. trade. business. or other career training schooi) |
| SU107D | On active duty in the Armed Forces cor service at ademy . ... ...t |
| SQ107E | Homemaker ................................................... 5 |
| SQ107F | Temporary lay-off from work. looking for work. or waiting to report to work |
| SQ107G | Other idescribe: |

108. Please describe below the job your husband or wife held during October 1974. (If your spouse was nol working, check here $\qquad$ and go to Q. 109.1
SQ108BX
a. For whom did he/she work? (Name of company. business, organization, or other employer ) (Write in):
b. What kind of business or industry was this? (For example, retail store, manufacturer, state or city government. farming. etc. 1
SQ108A-D (Write in):
c. What kind of job or occupation did he;she have in this business or industry? (For example. salesperson. supervisor. police officer, civil engineer. larmer. teacher)
(Write in):
d. What were his her most frequent activities or duties on this job" (For example. selling cars. keeping accounts. supervising others. operating machinery. finishing concrete. teaching grade school)
(Write int:
109. As of October 1974, what is the highest level of education that your husband or wife had attained?
(Circle one.)
Some high school, or less . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
F'inished high school . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Vocational. trade. or
business school
(Some college (including two-year degree) .......... . 5
College program .................... Finished college (four-or five-year degree) ......... 6
Master's degree or equivalent ........................... . . 7
(Ph.D., M.D. or equivalent . . . . . . . . . . . . . . . . . . . . . . . . . 8
110. Which of the following items de you have the use of (a) as your own because you (or your spouse) have bought them or have been given them, or (b) because they belong to your parents, roommates, dormitory, apartment building, etc?
(Circle one number on each tine.)
a. Daily newspaper

| Have As My Own | Have But Don't Own | Don't Have Use Of |
| :---: | :---: | :---: |
|  | 2 | 3 |

SQ110B
b. Dictionary
.1.............. 2
SQ110C
c. Encyclopedia or other reference books
. $1 . \ldots . . . . .$.
SQ110D
d. Magazines
. $1 . \ldots . . . . .$.
. 1.

SQ110E
e. Record player
... 1 ............. . . 2
.............. 3
SQ110F
f. Tape recorder or cassette player
. 2 .
. 3

SQ110G
g. Color television
2.................

SQ110H
h. Typewriter
. . 2 .
. .3

SQ110I
SQ110J

1. Electric dishwasher
. 2.
. .3

SQ110K
111. Not including yourself, how many persons were dependent upon YOU for more than one hatf of their financial support as of the first week of October 1974. (Circle one.)
$0 \ldots . \ldots 2 \ldots 3 \ldots 4$ or more (Circle one.)
$0 \ldots . \ldots 2 \ldots 3 \ldots 4$ or more

SQ112 112. As of the first week of October 1974, were you dependent upon your parents or any other friends or relatives for more than one half of your financial support?
Yes
... 1
No ........................ 2
113. What is the best estimate of your income before taxes for ALL OF 1974 ? If you are married, include your spouse's income in the total, but do not include loans and gifts. Please make an entry on each line, either a dallar amount, or if you will receive no income from a source during 1974, write in the ward "none".

## Amount Will Receive

## Source

SQ113A Your own wages. salaries. commissions, and net income from a business or farm.
\$ $\qquad$
SQ113B Your spouse's husband or wifel wages. salaries, commissions, and net in. come from a business or farm
§
All other income you and your spouse will receive (include interest. dividends. rental property income. public assistance, unemployment compensation. cash, gifts. scholarships. fellowships. etc. 1
s

115. For the year of 1974, how satisfied as a whole have you been with the amount of money you have had to get along on?
(Circle one.)
Very satusfied . ................................. 1
Simewhat satisfied ... .......................... 2
Neutral ur no opinion .......................... 3
Somewhat dissatisfied ...................... 4
Very dissatisfied ................................ 5
116. Not including home mortgages, did you owe money as of the first week of October 1974 for:

| mer min | (Circle one number on each line.) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nome | Less <br> than <br> $\$ 100$ | $\begin{aligned} & 5100 \\ & \text { to } \\ & \$ 499 \end{aligned}$ | $\begin{gathered} \$ 500 \\ 10 \\ 5999 \end{gathered}$ | $\begin{aligned} & \$ 1000 \\ & \text { to } \\ & \$ 1999 \end{aligned}$ | More <br> than <br> $\$ 2000$ |
| a. Education or training. | 0 | 1. | 2 | . 3 | 4. | 5 |
| b. Other debts (car, rent. appliances, medical bills. and so on) |  |  | $2$ |  |  |  |

117. As of the first week of October 1974, how much money have you saved and plan to use for:
(Circle one number an each line.)

|  | (Circle one number on each line.) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | None | $\begin{aligned} & \text { Less } \\ & \text { than } \\ & s 100 \end{aligned}$ | $\begin{aligned} & \$ 100 \\ & \text { to } \\ & \text { si99 } \end{aligned}$ | $\begin{gathered} \mathbf{s s 0 0} \\ \text { to } \\ \mathbf{s 9 9 9} \end{gathered}$ | $\begin{aligned} & \$ 1000 \\ & \text { to } \\ & \text { s1999 } \end{aligned}$ | More than $\$ 2000$ |
| a. Education or training | 0 | 1 | 2 | 3 | 4. | 5 |
| b. General savings or other plans | $n$ | 1. | 2 | 3. | 4. | 5 |

118. As of the first week of October 1974; how many children did you have?

## (Circle one.)

$$
0 \ldots . \ldots . \ldots . \ldots \ldots 4 \ldots 5 \text { or more }
$$

119. How many brothers do you have?

## (Circle one number on each line.)

a. Older brothers................................................................................ 5 or more
120. How many sisters do you have?
(Circle one number on each line.)

b. Younger sisters. 0.......1........2........3.................. 5 or more

## Section E: Military Service

SU121
121. Since October 1973, have you served in the Armed Forces, or a Reserve or National Guard Unit?
(Circle one.)

122. In which branch of the Armed Forces did you serve? (Write in):
123. When did you begin active duty? _ SQ123A (munth) SQ1238 _year)
124. Have you received (or are you receiving) four or more weeks of specialized schooling while in the Armed Forces?

| No | 1 | GOTOQ.126 |
| :---: | :---: | :---: |
| Ye | 2 | GOTOQ.125 |

125. What is the name of the specialized schooling program in which you spent the longest period of time? Specify your military specialty code, or MOS. (Please print and do not abbreviate.)
Name of program: $\qquad$ MOS: $\qquad$
126. What is the highest pay grade and speciality rating you have held?

Pay grade: _ SQ126A ... Specially rating: $\qquad$ SQ126B $\qquad$
127. Have you taken any courses while in the Armed Forces that:
(Circle one number on each line.)

|  | Yes No |
| :---: | :---: |
| P'repared you for the high school equivalency test" | 2 |
| Prepared you for equivalency tests that can be taken for college credit? | 2 |
| Were college-sponsored courses which gave college credits? | 2 |

128. Are you currently on active duty?

Yes
$\qquad$ GOTOQ. 120.
129. How long do you expect to be on active duty in the Armed Forces?
(Circle one.)
For a two-year tour of duty only ....................................... 1
For a three- or fnur-year tour of duty ........................ 2
For more than one enlistment. but less thán a full career ........ 3
Fur a full career 20 years minimum........ . ................... +
Have not decided ......................................................... 5
130. What do you plan to do wher. you get out of the Armed Forces?
(Circle one number on each line.)

Full-ime or part-time work

| My <br> Plans | NOT my <br> Plans |
| :---: | :---: |
| 1 |  |

Technical, vocational. or business or career training school. either fulltime or part.time2
Registered apprenticeship or on-the-job training program ..... 2
Ketire ..... 2
Undecided ..... 2
$\qquad$

## Section F: Activities and Opinions

131. To what extent have you voluntarily participated in the following groups during the year October 1973 through October 1974? (By voluntarily, we mean you are not an employee of the group; by active participant, we mean that you attend the meetings or events; by member only, we mean that you are on a mailing or telephone list so that you are kept informed of meetings and events.)
(Circle one number on each line.)

|  | (Circle | number | line.) |
| :---: | :---: | :---: | :---: |
|  | Active Participant | Member Oniy | $\begin{aligned} & \text { Not } \\ & \text { At All } \end{aligned}$ |
| a. Youth organizatinns-such as little l.eague coach. scouting. etc. |  | 2 | 3 |
| b. U'nion, farm. trade or professional association |  | 2 | 3 |
| c. Political clubs or organizations | 1 | 2 | . 3 |
| d. Church or church-related activities (not counting worship services). |  | 2 | . 3 |
| e. Community centers. neighborhood improvement. or social-action associations or groups. |  |  |  |
| f. Organized volunteer work-such as in a hospital | 1 | .2 | 3 |
| g. A social. hobby. garden. or card playing group |  | 2 | 3 |
| h. Sport teams or sport clubs |  | 2 | 3 |
| i. A literary. art. discussion. music. or study group |  | 2 | 3 |
| j. Educational organizations-such as PTA or an academic group | 1. | 2 | . 3 |
| k. Service organizations-such as Rotary. Junior Chamber of Commerce. Veterans, etc. | $\ldots 1$ | $2$ |  |
| 1. A student government. newspaper. journal. or annual staff | 1 | 2 | 3 |
| m Another voluntary group in which I participate |  |  | 3 |

132. How do you feel about each of the following statements?
(Circle one number on each line.)

|  | (Circle one number on each line.) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Agres Strongly | Agroe | Disagres | Disagree Strongly | No Opinion |
| a. I take a positive attitude tuward myself | 1 | 2 | 3 | ...4.... | 5 |
| b. Good luck is more important than hard work for success |  |  | 3 | 4 | 5 |
| c. Ifeel I am a person of worth. on an equal plane with others. | $1$ |  | $3$ | 4 | 5 |
| d. I am able to do things as well as most nther people | $1$ |  | $\text { . } 3$ | 4 | 5 |
| e. Fivery time I try to get ahead. something or somehody stups me |  |  |  | 4 | 5 |
| f. Plannine only makes a person unhappy since plans hardly ever work out anyway | $.$ | $2$ | $3$ | $t$ | 5 |
| 4. People who accept their condition in life are happier than thuse whotry to change things | $1$ | . 2 | 3 | 4 | . 5 |
| h. On the whole. I'm satisfied with myself |  |  |  |  | 5 |

133. What ways do you assure yourself of a good buy for your money?

|  |  |  | (Circle one number on each line.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Regularly | Somatimes | Never |
| SQ133A | a. | 1 compare prices and label information of similar products or services | ...1 | . 2 | 3 |
| SQ133B | b. | I return merchandise that is unsatisfactory to the store where I bought it | $.1$ | . 2 | 3 |
| SQ133C | c. | I rely on brands or companies I know well even if they cost more . . | . 1 | 2 | 3 |
| SQ133D | d. | I follow leads in articles from Consumer Reports, Changing Times, or other such magazines | $\ldots 1$ | $.2$ |  |
| SQ133E | e. | I check a company's reputation with the Better Business Bureau or consumer protection agency before agreeing to an expensive service or repair | $\ldots 1$ | $\ldots 2 \ldots$ |  |
| SQ133F | f. | I write to the manufacturer about the quality of the product if I'm unsatisfied | .1 | $\ldots 2$ |  |

134. Generally speaking, how worthwhile are the following activities?

SQ134A
SQ134B
SQ134C
SQ134D
SQ134E
SQ134F
SQ134G
(Circle one number on each line.)
(Circle one number on each line.)
Very
Worthwhile
b. Writing or talking to your representatives in the government $\ldots \ldots \ldots$...................................... 3
c. Voting when you are pretty sure your party won't win .................................................. 3
d. Attending city council or county commission meetings ................................................. 3
e. Signing petitions to change the way things are in your locality, state, or the whole nation
. $1 . . . . . . . . . . . .$.
.3

g. Becoming an active member of a political party . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2 . . . . . . . . . . . 3
135. People often use the term "quality of life" to mean different things. How well does each of the following statemenfs express what "quality of life" means to YOU?
(Fircle one number on each line.)

SQ135A

SQ135B

SQ135C

SQ135D

SQ135E
SQ135F
SQ135G
SQ135H
SQ135I
SQ135J

SQ135K

|  |  | cle one number on each line. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Exactly | Extremely Well | Very Well | Fairly Welt | Not Very Wel! |
| a. Having enough money-to buy sufficient food, to dress as needed, and to have adequate shelter |  |  |  |  |  |  |
| b. Having healthful living patterns-eating a balanced diet, getting plenty of exercise and regular sleep |  |  |  |  |  |  |
| c. Living where the air is clean, the water is fresh, and where people really try to protect their natural resources .......... |  |  |  |  |  |  |
| d. Having time and money for some of the "extras" of life-vacations, hobby time and equipment, entertainment opportunities $\qquad$ 1. . 2 . 3 4............. 5 |  |  |  |  |  |  |
| e. Feeling free-not tied down by many personal or work responsibilities |  |  |  |  |  |  |
| f. Feeling personally safe from violence, injustice, or fraud |  |  |  |  |  |  |
| g. Having a chance to do the kind of work I really want to do in life. |  |  |  |  |  |  |
| h. Having sustained personal relationshipsloving and being loved |  |  |  |  |  |  |
| i. Living a life of honesty and moral integ-rity-doing what I think is right to do |  |  |  |  |  |  |
| j. Having the opportunity to read, think and discuss important questions about life values, etc. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

136. The following questions ask about your political pariticipation.

137. What do you expect to be doing in October 1975?

Working for pay at a full-time or part-time job
(Circle as many as apply.)

SQ139B
SQ139C

SQ1390
SQ139E
SQ139F
Taking academic courses at a two- or four-year college .......... 2
Taking vocational or technical courses at any kind of school or college for example. vocational. trade. business, or other career training school) .3
On active duty in the Armed Forces (or service academy) ........ 4
Homemaker
. 5

SQ140 140. As things stand now, how far in school do you think you actually will get?
(Circle ane.)
High school only ........................................................................................................


141. How important is each of the following factors in determining the kind of work you plan to be doing for most of your life?
(Circle one number an each line.)
a. Previous work experience in the area
Very

important \begin{tabular}{c}
Somewhat <br>
Important

 

Not <br>
Importan
\end{tabular}b. Relative or friend in the same line of work1.............. 2 3c. Job openings available in the occupation 23

SQ1410d. Work matches a hobby interest of mine 2 3SQ141Ee. Good income to start or within a few years 23
SQ141F f. Job security and permanence .....  2 3SQ141Gg. Work that seems important and interesting to me 2 . 3 3
SU1 h. Freedom to make my own decisions .....  2 .....  3
i. Opportunity for promotion and advancement in the long run .....  2
SQ141Ij. Meeting and working with sociable. friendly people 2 .............. . 33
SQ142A*SQ142B142. What kind of work will you be doing when you are 30 years old? (Circle the one that comes closest to what youexpect to be doing.)
(Circle one.)
a. CLERICAL such as bank teller. buokkeeper. secretárỵ, typist. mail carrier. ticket agent ..... I
b. CRAFTSMAN such as baker. automubile mechanic. machinist. painter. plumber, telephone in- staller, carpenter ..... $\mathfrak{Z}$
c. FARMER. FARM MANAGER ..... 3
d. HOMEMAKFR OR HOUSEWIFE ONLY ..... 4
e. LABORER such as construction worker. car washer. sanitary worker. farm laborer ..... 5
f. MANAGER. ADMILNISTRATOR such as sales manager. office manager. school administrator. buyer. restaurant manager. government official ..... 6
g. MILITARY such as carcer officer, enlisted man or woman in the Armed Forces ..... 7
h. OPERATIVE such as meat cutter. assembler. machine operator. welder. taxicab. bus. or truck driver. gas station attendant ..... 8
i. PROFESSIO.VAL such as accountant. artist. registered nurse. engineer. librarian. writer. social worker. actor. actress. athlete. politician, but not including public school teacher ..... 9
1 PROFESSIONAL. such as clergyman. dentist. physician. lawyer. scientist. college teacher ..... 10
k. PROPRIETOR OR OWNF.R such as owner of a small business. contractor. restaurant owner .....  11
I. PROTECTIVF SERVICE such as detective. police officer or guard. sheriff. fire fighter ..... 12
m . SALES such as salesperson. advertising or insurance agent. real estate broker ..... 13
n. SCHOOL TEACHER such as elementary or secondary .....  14
0. SERVICE such as barber: beautician. practical nurse. private household worker. janitor, waiter ..... 15
p TFCHNICAL such as draftsman. medical or dental technician. computer programumer ..... 11
q. Vot Wohkivo ..... 11

SQ143 143. Do you think you will need more education or schooling than what you have at present in order to obtain this kind of work or to advance as you would like in your job or career?

| , io | 1 | (iO) TO Q. 1+s, next page |
| :---: | :---: | :---: |
| Yes |  |  |
|  |  | COTOQ. Ind. next pask |

[^32]144. If you wanted to get additional education, would any of the following be reasons why you could not do so?
(Circle one number on each line.)

## SQ144A

SU144B SQ144C SQ144D SQ144E SQ144F
147. Are you having or have you had any difficulty in meeting payments?
No............
Yes $\ldots \ldots \ldots . .2$ texplain why:
148. How important is each of the following to you in your life?

|  | (Circle one number on each line.) |  |  |
| :---: | :---: | :---: | :---: |
|  | very <br> important | Somewhat Important | Not Important |
| a. Being successful in my line of work | ] | 2 | 3 |
| b. Finding the right person to marry and having a happy family life | , | $\geq$ | 3 |
| c. Having lots of money | 1 | 2 | 3 |
| d. Having strong friendships | 1 | 2 | 3 |
| e. Being able to find steady work | 1 | 2 | . |
| f. Being a leader in my community | 1 | . | 3 |
| g. Being able to give my children better opportunities than I've had | 1 | 2 | 3 |
| h. Living close to parents and relatives | 1 | 2 | 3 |
| i. Getting away from this area of the country | , | 2 | 3 |
| j. Working to correct social and economic inequalities | , | 2 | 3 |
| $k$. Having leisure time to enjoy my own interests | 1 | 2 | 3 |
| l. Having a good education |  | 2 | . 3 |

One of the best students in my class .................................. 1
Above the middle of my class ......................................... 2
In the middle of my class .............................................. 3
Just good enough to get by ............................................... . 4
Expected me not to complete high school . . . . . . . . . . . . . . . . . . . . . . . . . 5
150. When you were in the 1st, 6th, 9 th, and 12th grades, about what percentage of the students in your class were white or Caucasian?

SQ150A
SQ150B
SQ150C
SQ150D

SQ151
151. Whon you were in high schoal, about how many of your teachers were white or Caucasian?
(Circle one.)
None ....................... 0
Some ........................ 1
About half ............... 2
Most ........................ 3
All .......................... 4
152. Were you ever "bussed" to school for the purpose of racially integrating or racially balancing the student body of the school?
(Circle as many as apply.)
SQ152A
SQ152B SQ152C
(Circle one number on each line.)

| None | $\begin{aligned} & 110 \\ & 10 \% \end{aligned}$ | $\begin{aligned} & 1180 \\ & 25 \% \end{aligned}$ | $\begin{aligned} & 26 \text { to } \\ & 50 \% \\ & \hline \end{aligned}$ | 51 to 75\% | $7690$ $90 \%$ | 91 10 $99 \%$ | $\begin{gathered} \text { All } \\ (100 \%) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2 |  |  | 5 |  | 7 |






2

Yes, sometime during grades one through six ...................... 1
Yes, sometime during grades seven through $12 \ldots \ldots . . . . . . . . .$.
No. I never was bussed for this purpose ............................ 3
153. The lollowing items give you a chance to rate yourself on the degree to which you possess one of each pair of traits. For ratings on this scale, 1.4 reters to the trait on the far left side while 5.8 refers to the trait on the far right side. Let's take an example to show what you are saying when you circle a number from l.\&


CIRCLF the ONE NUMBER that comes closest to saying how you would rate yoursell.
> cheerlul just about all the time cheerful most of the time. often cheerful.
> more often cheerful than sid. more often sad than cheerful. often sad.
> . . sad most of the time.
> sad just about all the time
(Circle one number on each line.)
$\begin{aligned} & \text { SU153A a. Inactive } \\ & \text { I lack drIve. energy. vitality; } 1 \text { lend to be }\end{aligned}$ passive. and am without strong interests.
$\begin{array}{llllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8\end{array}$
1 have unlimited energy. high drive. vitality: I need to be constantly active and interested in many activities.

SQ153B b. Understanding of Others
1 am sympathetic about the feelings and problems of other persons: people come to me for advice when in trouble.

Not Understanding of Others
I am unaware of and uninterested in the feelings and problents of others: other persons do not come to me for advice

SQ153C

## c. Do Nol Thinik Far Ahead

I act impulstvely without thinking of the consequences and frequently 1 am caught short because I have nol foresecn the oulcomes.

SQ153D d. Self-Concerned
1 talk a lot about myself, think more about myself and what I want than about other perople I frequently am unaware of the rights and needs of other peuple.

SQ153E e. Enthusiastic
I am interested and excited about new events: get involved in activitues easily and have strong interests.

I think of others and whal they watt. try to consider others' pomsts of verw: can compromise of adjust to demands of others.

1 have good judgment and common sense. 1 make practical and appropriate $1 \begin{array}{lllllllll} & 2 & 3 & 4 & 5 & 6 & 7 & 8\end{array}$ comments and decisions.
$\begin{array}{llllll}1 & 2 & 3 & 6 & 7 & 8\end{array}$ 1 consider future pessibilittes and outcomes of my devisions before acting.

## Unenthusiastic

1 do not get deeply involsed or excoted. I am mild: not much excites me

> 1 make impractical. impractical
> ingeropriate suggestions that dont consider all aspects of a problem.
9. Vague Thinking

My thinking is vague. illogical. indefinite

SU153H
h. Personally Warm

I tend to be sincere friendly. emotionally responsise. simpathetic ln others. 1233450678 affectionate. and ingot wher people. them When I finush noe thing. I besin another right awas

## Section G: Background Information

Please PRINT your name, address, and the telephone number-where you can most usually be reached during the coming year.


Please PRINT the name, address and telephone number of your parents.


Please PRINT the names and address of two other people who will know where to get in touch with you during the coming year. (List no more than one person who now lives with you.)


Please PRINT your speuse's full name (if you are married).

OHITTED
SPOUSE'S FULL NAME
$\qquad$

Please give the following information about yourself.

[^33]OMITTED
OMITTED

## OPERATION FOLLOW.UP



# Third Follow-Up Questionnaire 

## 柬

# National Center for Education Statistics <br> Education Division <br> Department of Health, Education, and Welfare <br> Washington D.C. 20202 

## GENERAL INSTRUCTIONS

This questionnaire is divided into the following seven sections:
A. General Information
8. Work Experience
C. Education and Training
D. Military Service
E. Family Status
F. Experiences and Opinions
G. Background information

Start by answering questions in Section A. You will need to answer the first question in each section, but you may not need to answer all the questions in every section. You may be able to skip most of some sections. We have designed the questionnaire with special instructions in . $\therefore$ beside responses which allow you to skip one or more questions. Follow these instructions when they apply to you.
Read carefully each question you answer. It is important that you follow the directions for responding, which are:

- (Circle one.)
- (Circle as many as apply.)
- (Circle one number on each line.)

Sometimes you are asked to fili in a blank-in these cases, simply write your response on the line provided.
Where you are asked to circle a number, make a heavy circle. Here is an example:

| Why did you leave high school? | (Circle one | on each line.) |
| :---: | :---: | :---: |
|  | $\begin{gathered} \mathrm{My} \\ \text { Heasons } \\ \hline \end{gathered}$ | NOT My Reasons |
| Graduated | (1) | . 2 |
| Entered college | - | (2) |
| Went to work | (1) | . . 2 |

Many questions ask what you were doing during a specific time period; for example, "What were you doing during the first week of October 1976?" Because it has been two years since we last heard from you, we also ask some questions about what you were doing in 1975. As you go through the questionnaire, please watch for these time references and make sure you are thinking about the correct time period for each question.

This questionnaire is authorized by law 20 USC 1221e-1.
The Federal Privacy Act of 1974 requires that each survey respondent be informed of the following:
(1) Solicitation of information about the respondent as detailed in the questionnaire is authorized by Section 415 of the General Education Provisions Act as amended (20 USC 1226b).
(2) Disclosure of this information by the respondent is subject to no penalty for not providing all or any part of the requested information.
(3) The purpose for which this information is to be used is to provide statistics on a national sample of students as they move out of the American high school system into the critical years of early adulthood and relate these statistics to postsecondary educational costs and financial aid and other factors on the educational, work, and career choices of young adults.
(4) The routine uses of these data will be statistical in nature as detailed in 9 in Appendix $B$ of the Departmental Regulations (45 CRF 56) published in the Federal Register, Vol. 40. No. 196. October 8. 1975.

When you complete this questionnaire, please place it in the post-paid, addressed envelope provided and mail it to:

OPERATION FOLLOW-UP<br>Research Triangle Institute<br>Post Office Box 12036<br>Research Triangle Park, North Carolina 27709

## SECTION A: GENERAL INFORMATION

1. What were you doing the first week of October 1976 ?

## (Circle as many as apply.)

TQ1A
TQ1B

## TQ1C

 TQ1DTQ1E
TQ1F

## TQ1G

TQ1H

TQ2
3. With whom did you live as of the first week of Octaber 1976?

## (Circle ane.)

By myself.............................................................. 1
With my parents ..................................................... 2
With my husband or wife .......................................... 3
With parents and husband or wife .................................. 4
With other relatives ..................................................... 5

4. Which of the following best describes the location of the place where you lived in the first week of October 1976?
(Circle one.)
In a rural or farming community ...........................................
In a small city or town of fewer than 50.000 people that is not a suburb of a larger place 2
In a medium-sized city $(50.000-100.000$ people) ..... 3
In a suburb of a medium-sized city ..... 4
In a large city $100,000-500.000$ people ..... 5
In a suburb of a large city ..... 6
In a very large city lover 500.000 people) ..... 7
In a suburb of a very large city ..... 8
A military base or station ..... 9
5. Is this the SAME city or community where you lived in Octaber 1974?

6. How far is this from where you lived in October 1974?

## (Circle one.)

| lass than 30 niles |  |
| :---: | :---: |
| 50 \% 099 miles | 2 |
| 100 to 199 miles |  |
| 20010499 miles |  |
| 500 miles ur more |  |

7. What was the main reason you moved to the piace where you live now?

## (Circle one.)

Tofind or take a job .......................................................
Was Iransterred ............................................................ $\boldsymbol{y}$
Other jub-sclated reason ......................................................
To fo to schunt . ....................................... ..............
Ti) lollow mis parents or spouse to a new location ............... . .
To toilow another relative or friend to a new location ..........t
Winted a better place to tire ......................................... 7
Ohere ispecells $\qquad$ 1 .... 8
8. Which of the following items do you have the use of as your own be cause you lor your spousel have bought them or have been given them, or because they belong to your parents, roommates, dormitory, apartment building, etc.?
(Circle one number on each line.)

|  |  | Have As My Own | Mave But Don't Own | Don l Mave Use of |
| :---: | :---: | :---: | :---: | :---: |
| ; | [dialy newspaper | 1 | 2 | 3 |
| b | Dictionary | 1 | 2 | A |
| ${ }^{*}$ | Fincyelopedial ur other reference books | 1 | $\pm$ | : |
| d. | Magazines | . 1 | 2 | 3 |
| ${ }^{\prime}$ | Hecord player | 1 | $\geq$ | 1 |
| 1 | Tape recorder ur cassette plaser | 1 | $\underline{2}$ | 3 |
| - | Cinior television | 1 | $\underline{2}$ | : |
| h | Typewriter | 1 | $\underline{1}$ | 3 |
| 1 | Fitectue dishwashet | . 1 | . 2 | . |
| ] | Twos ar mare cars or trucks that run | $!$ | ... 2 | . 3 |

9. Now please think back a year to Fall 1975. What were you doing in October 1975?
(Circle as many as apply.)

TQ9A
TQ9B
TQ9C
TQ9D

TQ9E
TQ9F
TQ9G

TQ8A
TQ8B
TQ8C
TQ8D
TQ8E
TQ8F
TQ8G
TQ8H
TQ8I
TQ8J


## SECTION B: WORK EXPERIENCE

 (x.tuber !976. include full-time jobs. part-time jubs. apprenticeships. un-the-job training. military service and so on.

We are interested in learning about the kinds of jobs sou nave held. the hours you worked and your income from these jobs. the level of your job satisfaction. and the relation of your training and education to your work experience. This information will help us better understand the movement of young people into the world ol work and the reasons for changes in job situations.

## JOBS HELD IN OCTOBER 1976

10. Did you hold a job of any kind during the first week of October 1976?

## (Circle one.)


11. What were the reasons you were not working during the first week of October 1976?
(Circle one number on each line.)

12. Were you looking tor work during the first week of October 1976?

## (Circle one.)

Yes
No. but DID look for work sometime during the month of September 197f
.Vo. and did.NOT look for work at any time during the month of September 1976

[^34]13. Please describe below the job you held during the tirst week of October 1976. (If you held miore than one job at that time, describe the one at which you worked the most hours.)

| TQ13A-D | a. For whom did you work'. 'Natre of company, business organization, or other employer I (Write in F : $\qquad$ |
| :---: | :---: |
|  | b. What kind of business or industry was this? 'for example. retail shoe store. restaurant. etc. 1 (Write in |
|  | c. What kind of job or occupation did you have in this business or industry? (For example, salesperson. waitress. secretary. ete. 1 |
|  | Write in): |
|  | d. What were your most frequent activities or duties on this job? (For example. selling shoes. waiting on tables. typung and filing. etc. 1 <br> Write in: |
| TQ13E | e. Were you: |


A GOVERNMENT employee (Federal. State. county. or local institution or school)? ........ 2
Self-employed in your OWN business. professional practice. or farm? .......................... 3
Working WITHOUT PAY in family business or farm? ..........................................
f. When did you start working at this joh? TQ13FA__month TQ13FB___year'
h. Are you currently working at this job?

TQ13GA Yes $\ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots$
2 Date left: TQ13GB (month) TQ13GC ivear
14. Haw did you find this job?

## (Circle as many as apply.)

TQ14A
TQ14B
TQ14C TQ14D TQ14E TQ14F TQ14G TQ14H TQ14I TQ14J TQ14K TQ14L
a. School or college placement service ........................... 1
b. Protessional periodicals or organizations .................... $\boldsymbol{2}$
c. Civil Service applications ........................................... 3
d. Public emplosment service ......................................... $\downarrow$
e. Irivate employment agency . . . . . . . . . . . . . . . . . . . . . . . ........ ;

1. Community action or welfare groups ............................. is
g. Nesspaper. TV. or radio ads.................................. it
h. Direct application to employers ............................. 8
2. Ifegistration with a uniun ................... ... ... ......... 9
J. Helatives .. .... ................................................... . 10
k. Friends ..............................................................
3. Other ispecify $\qquad$ '.... 12

TQ15 15. How many hours did you usually work at this job , in an average week?
. Hours per werck

TQ16
16. In an average week, approximately how much did you earn at this job? (Report your gross eamings before deductions. If not paid by the week, please estimate.)
$s$
per week
, Earnings before deductions
17. The following are some general things that people do on their jobs. About how much time did you spend on each in the average work day on your job?

|  | (Circle one number on each line:) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | None | Very Little | Some | $\begin{aligned} & \text { A Great } \\ & \text { Deal } \end{aligned}$ |
| Working with things imachinery. apparatus. art materials. etc. 1 |  | 2 | 3 | $t$ |
| Doing paperwork administratue, clerical. comp tional ete. 1 |  | 2 |  | 4 |
| Working with ideas. thinking | 1 | 2 | 3 | 4 |
| Dealitg with people tas part of the joti ..... | 1. | 2 | 3 | . 4 |

18. a. About how many people were employed in the entine organization for which you worked? Stale or Federal employees give the approximate number of people in your Department. e.g., State, Commerce, Motor Vehicles, etc. Self-employed give the approximate number of your empioyees. (Circle one number in Column A.)
b. About how many of these people worked in the same plant or office as you? (Circle one number in" Column $B$.)
19. How many people did you supervise in your job? (Include all persons whose work you supervised as well as those for whose work you were held responsible.!
$\qquad$ people
20. How satisfied were you with the following aspects of this job?

TQ21A
TQ21B TQ21C TQ21D TQ21E

TQ21F
TQ21G
TQ21H
TQ21I
TQ21J
TQ21K

TQ22
22. Not including on-the -job or employer training, did you receive formal instruction to do this kind of work?

23. Where did you receive this training?

## (Circle as many as apply.).

|  |  | (Circle ane number on each line.) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | - : | $\begin{gathered} \text { Very } \\ \text { Satistiod } \end{gathered}$ | Satisflied | Dissatislied | $\begin{gathered} \text { Very } \\ \text { Dissatislied } \end{gathered}$ |
|  | l'ay and fringe benefits | 1 | . 2 | . 3 | 4 |
|  | Importance and chatlenge | 1 | 2 | 3 | + |
|  | Working conditions | 1 | 2 | 3 | $t$ |
| d | Opportunity for promotion and advancement with this empluyer |  |  |  |  |
|  | Opportunity for promotion and advancement in this line of work |  |  |  |  |
|  | Oppurtunity to use past training and education | 1 | 2 | 3 | 1 |
|  | Security and permanence | 1 | 2 | 3 | 4 |
| h. | Supervisoris) | 1 | 2 | 3 | $+$ |
| i. | Opportunity for developing new skills | 1 | 2 | 3 | $t$ |
| j | Job as a whole | . 1 | 2 | 3 | $t$ |
|  | The pride and respect I received from my family and friends by being in this line of work | . 1 | 2 | . 3 |  |


24. What were your experiences while working an this jots?

|  | ICircle one number on each line.l |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | My Experience | NOT My <br> Experience |
| TQ24A | ${ }^{1}$. | 1 have beell able to apply most of what ! learned in school | 1 | 2 |
| TQ24B | b. | I would have liked more experience in my training before istarted working |  | 2 |
| TQ24C | - $c$ | I recoived tratuing different from the way it was done on the job | 1 | ? |
| TQ24D | d | I was tramed with lowis or equpment not used on my job | . 1 | 2 |
| TQ24E | c. | I could have gotten my job without the training | 1 | $\pm$ |
| TQ24F | 1 | I lonk coursework assoceated with my traming whech was not helpfol in pertorming my joh | $\ldots$ | 2 |
| TQ24G | H. | Most of what I did on the job I hearned to do in school | 1 | 2 |
| TQ24 | h | I cottsider miself doind ass well as others with similar training | 1 | . 2 |
| TQ24 | 1. | I consider puttg to schose and getting the traming a wise choice | 1 | $\underline{2}$ |

25. Were you hired for this job because your employer knew you had been trained in a school or callege to do this kind of work?


TQ26
CONTINUED
26. Did the school at which you received your training for this job refer you to this jab?

| YesNo. |  |
| :---: | :---: |
|  |  |

27. Do you expect to be working in October 1977?

No
Vo ...............1]
Don't know ....2 $\}$ GOTOQ. 29 TQ28
Yes $\ldots \ldots \ldots . .3$ CONTINUE WITH $Q .28 \longrightarrow 28$. Do you plan to work at the SAME KIND OF WORK?
Yes ................. 1

No ................... 2
Don't know . . . . ..... 3
29. Were you working at a second job in the first week of October 1976 at the SAME TIME as you helc the job you described above?

| No | COTOQ.32 |
| :---: | :---: |
| Yes | continue |

TQ31 in an average week?
$\qquad$ Hours per week
J. In an average week, approximately how much did you earn at this job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)
$S$
i Earnings beiore deductions:
32. Now please think back to Fall 1975. Did you hold a job of any kind during the month of October 1975?
(Circle one.)
Yes. working full-time 135 hours or more per week
Yes, working part-time 34 hours or fewer per week,
Yes. but on temporary layoff from work or waiting to report to work
No

- CONTLNE WITHO. $\because$

33. Were you looking for work during October 1975?
(Circle one.)
Yes
No. but DID look for work sometme during the month of September 197.

34. Is this the same job you held in October 1976 and reported in Q. 13?

## (Circle one.)


35. Please describe below the job you held during October 1975. If you held more than one job at that time, describe the one at which you worked the mast hours.)

TQ35A-D

TQ35E
c. Were sou:
(Circle one.)
An employee of a PRIVATE company. bank. business. schout. or individual working for
wages, salary. or commissions?
A (o)FHN.IF.NT employee "Federal. State county. or local institution or school:".....2
Selfemployed in your OWN business. professional pricitice or farm'? ..............................
Working WITHOLT PAY in family business or farm: . ....................................
i When did you start working at this job: TQ35FA_ imonth, TQ35F8__ear,

## TQ37

37. In an average week, approximately haw much did you eam at this job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)

S per werk
1Farnings before deductions:
38. Are you currently working at this joh?

TQ38A
$\begin{array}{ll}\text { Yes } \ldots \ldots . . . . .1 & \text { GOTO Q. 40. nexp page } \\ \text { No } \ldots . . . . . . . .2 & \text { Uate left: TQ38B }\end{array}$ (month) TQ38C 'year: CONTINUE WITHQ. 34
39. How important were the following as reasons for your leaving this job?

|  |  | Very Important | Somewhat Important |  |
| :---: | :---: | :---: | :---: | :---: |
| TQ39A | a. Pour pay or fringe benefits | 1 | 2 | 3 |
| TQ39B | b. Lack of importance and challenge | . 1 | 2 | . 3 |
| TQ39C | c. Poor working conditions | 1 | 2 | 3 |
| TQ39D | d. Lack of opportunity for promotion and advancement with this employer | 1 | 2 | 3 |
| TQ39E | e. Back of opportunity for promotion and advancement with this line of work |  |  |  |
| TQ39F | f. No or litule opportunity to use past training and education | 1 |  | . 3 |
| TQ39G | g. Lack of security or permanence |  |  | 3 |
| TQ39H | h. Dissatisfied with my supervisorisi | 1 | 2 | . |
| TQ391 | i. Lack of opportunity for developing new skills | . 1 | 2 | . 3 |
| TQ39J | j. Cinhappy with the job as a whole | 1 | 2 | . 3 |
| TQ39K | k. Moved to annther location | 1 | 2 | 3 |
| TQ39L | 1. I was laid off or fired | 1 |  | 3 |
| TQ39M | in. Went back to schoul ur coilege | 1 |  | 3 |
| TQ39N | n. Ciot married | 1 | . 2 | . 3 |
| TQ39才 | 0. Had a baby | 1 | . 2 | 3 |
| TQ39P | p. Oher family responsibulities | 1 | . 2 | . 3 |
| TQ39Q | q. Left to obtain a better job | 1 | 2 | . 3 |
| TQ39R | r. Health problems or physical handicap | I | 2 | . 3 |
| TQ39S | s. Promotion or transfer within same organization | . 1 | 2 | . 3 |
| TQ39T | 1. Temporary or school-related job | 1. | . 2 |  |
| TQ39U | u. Other ispecify: |  | . 2 | . 3 |

TQ40 40. Were you working at a second job during the month. of October 1975 at the SAME TIME as the job you described above?

$$
\begin{aligned}
& \text { No............................. } \\
& \text { Yes .......................... } 2
\end{aligned}
$$

41. During the two 52 -week periods from (a) October 1974 to October 1975 and from(b) October 1975 to October 1976, how many different employers did you wark for altogether? (Count each employer only once, even if you had dif. ferent jobs for the same employer.)

| (a) |
| :--- |
| October 1974. |
| October 1975 |

TQ41A
(b)

October 1975.
October 1976
TQ41B Number of employers
42. During the same two 52 -week periods from (a) October 1974 to October 1975 and from (b) October 1975 to October 1976, about how many weeks did you work altogether? (Count all weeks in which you did any work at all or were on paid vacation.)

## (a)

October 1974.
October 1975
TQ42A $\qquad$ weeks
(b)

October 1975.
Octaber 1976
TQ42B weeks
43. In each of these 52 -week periods from (a) Octaber 1974 to October 1975 and from (b) October 1975 to October 1976, were there any weeks in which you were NOT working and were looking for work, on layoff from a job, or waiting to report to work?
(a)

Octaber 1974.
October 1975

TQ43A
(b)

October 1975.
October 1976

TQ43B weeks

## TQ44X* <br> TQ44Y

44. What kind of work will you be doing when you are 30 years old? (Circle the one that comes closest to what you expect to be doing.)
(Circle one.)
a. CI.EHICAL. such as bank teller, bookkeeper. secretary. typist. mail carrier. tucket agent .............. I
b. CRAFTSNAN such as baker. automobile mechanic. miachinst. painter. plumber. telephone installer. carpenter2
c. FNRMFK, FARN MANACHKK ..... 3
d. HOMFHAKFIR OK HOLSEWIFE OXI. ..... +
e. LAABGRER such as construction worker, car washer, sanitary worker. farm laborer ..... j
f. MANALiFiK. ADMINISTHATOR such as sales manager, office manager. school administrator.buyer. restaurant manager. government official6
t. MII.ITARY such ds carcer officer, entisted man or woman in the Armed Forces ..... 7
h. OPFMATIVF such as meat cutter. assembler. machine operator. welder. taxicab. bus. or truck drwer. gas station attendant .....  8
1 !hoftiSSIONAL such as accountant. artist. registered nurse engineer. !ibrarian. writer. socialworker actor. actress. athlete. politician. but not including public school teacher9
j. PROFHESSHNAL such is clergyman. dentist. physician. lawyer. scientist. college teacher ..... 10
k. [PROIRIFTOR OR OWNFH such as ouner of a small business. contractor. restaurant owner ..... 11
45. PIROTFOTIVE: SERVICE such as detective. pilice olficer or guard. sheriff, fire fighter ..... 12
m. SALFS such as salesperson. adsertising or insurance agent, real estate broker ..... 13
n. SCHOM. TFiACllfik such as elementary or secondary ..... 14
" SFRZICF, such as barber. heautician. practical nurse. pritate househuld worker. janitor. waiter ..... 13
 ..... 16
46. NoT WoHkN(; ..... 17

TQ45 45. Do you think you will need more education or schooling than what you have at present in order to obtain this kind of work or to advance as you would like in your jab or career?

| No | 1 |
| :---: | :---: |
| Yes | 2 |
| Don't know | 3 |

TQ46 46. How satisfied are you with the progress you have made towards doing the kind of work you expect to be doing when you are 30 years old?

## (Circle one.)

Very satisfied ...........
Satisfied .... ... .2
Dissatisfied ........... . 3
Very dissatisfied $\downarrow$

[^35]
## SECTION C: EDUCATION AND TRAINING

This section asks information about your training and education. We would like to find out about the schools you have attended during the last two years. from Octuber $197+$ to October 1976. This information. combined with information you have given us in earlier follow-ups, will help to give us a complete picture of your educational experiences since high school. (Persons in the military service should also answer the questions in this section. 1

## EDUCATIONAL PROGRESS AND PLANS

TQ47 47. Since high school, had you earned any certificate, license, diploma or degree of any kind prior to October 1976?
No.
.1 GOTOQ. 49
Yes
. 2 CONTINUE WITH Q. 48
48. What kind of certificate, license, diploma or degree have you earned?

|  | - | (Circle as many as apply.] | Date Received Month Year | Area of Certificate, License, or Degree (For Example, Real Estale License, Strorthand Certificats, Degres in Historyl |
| :---: | :---: | :---: | :---: | :---: |
| TQ48AA | A certificate | . 1 | TQ48AB 19 TQ48AC | TQ48AD |
| IQ48BA | A license | 2 | TQ48BB19 TQ 48 BC | TQ48BD |
| TQ48CA | A 2-year or 3-year vocational degree or diploma | . 3 | TQ48CB 19 TQ 48CC | TQ48CD |
| TQ48DA | A 2-year academic degree | . | TQ48DB 19 TQ 48DC | _ TQ48DD |
| TQ48EA | A 4-year or 5 -year college Bachelor's degree | . 5 | TQ48EB 19 TQ48EC | TQ48ED |
| TQ48FA | A Master's degree or equivalent | . 6 | TQ48FB 19 TQ 48 FC | TQ48FD |
| TQ48GA | Other ispecify: | . . 7 | TQ48GB 19 TQ 48GC | TQ48GD |

49. a. As of the first week of October 1976, what was your highest level of education or training? (Column $A$ )
b. As things stand now, how far in school do you think you actually will get? (Column B)

| TQ49A | TQ49B |
| :---: | :---: |
| A. <br> Had in <br> Ocfober 1976 | 8. |
| (Circle one.) | $\frac{\text { Plan to get }}{\text { (Cícle one.) }}$ |


50. With regard to your education and training during the last year you were in school. how satisfied as a whole were you with the following?
(Circle one number on each line.)
52. Did you atfend school in the first week of October 1976?

53. What is the exact name and location of the school you were aftending in the first week of October 1976? (Please print and do not abbreviate.)


FICE CODE: TQ53FICE
54. What kind of sehool is this?
(Circle one.)

55. When did you first attend this school? $\qquad$ TQ55A (month) $\qquad$ TQ5SB 1year
56. Are you currently altending this school?

57. During the first week of October 1976, were you classified by this school as a full-fime student?

| Yes |  |
| :---: | :---: |
| Don't know | GOTOQ. 59 |
| No. | CONTINUE WITH Q. 58 |

59. What were your reaṣons for aftending school part.time instead of full-time?
(Circie as many as apply.)

TQ58A TQ58B
TQ58C
TQ58D
TQ58E
TQ58F
TQ58G
TQ58H
TQ581
TQ58J

TQ59

TQ60
59. During October 1976, about how many hours a week did your classes meet in the subjects or courses in which you were enrolled? Include time in lectures, shop, laboratories, etc.
hours per week
60. At that time how were you classified by your schoot?
(Circle one.)
Freshman ifirst vear undergraduate st udent I ... .. .... I
Sophomore isecond year underfraduate student । .......... . . 2
Junior ithurd-year undergraduate student..... ....... ......... 3
Senior Ifourth-year undergraduate student I ...................... 4
Graduate or professional student ....................................... 5
Special student ................................................................ 6
Other classification ispecify: ____ ${ }^{\prime}$. 7
Wy school doesn't classify students .................................. . 8
61. As of the first week of October 1976, what was your actual or intended field of study or training area (for example, practical nurse, machinist, beautician, civil engineering, accounting, psychology, home economics, etc.)?

Please name the specific field or area:
(Write in I :

TQ62

TQ63
63. This (abovel is:

## (Circle one.) <br> rele one.)

A verational program ............................................... 1
In academis program 2
A prolessional program . 3
Gher ispecily $\qquad$ $1 . . .4$
64. As of the first week of October 1976, what kind of certificale, license, diploma, or degree were you studying for?

> (Circle as many as apply.)

TQ64A
TQ648A TQ64CA TQ64D
TQ64E
TQ64F
TQ64G
TQ64H TQ64IA

TQ64JA
62. Please select below the category which best describes this field or area.
(Circte one.)
Agriculture or Home Econamics ..... 1
Business saccounting, markeling. personnel management. etc. 1 ..... 2
Office and Clerical brookkeeping. stenography. general uffice. etc. I ..... 3
Computer Technology ikeypunch nperator. programining. computer uperations. etc. ..... $t$
Education relementary. special. physical. etc. .....
Engineering civil. electrical. mechanical. ete. .....
Mechanical and Engineering Technology tautomotive mechanic. machinist. construction. drafting. electronics. etc. 1 ..... 7
Humanities and Fine Arts music, religion. English. etc, ..... 8
Health Services Inursing. lab technician. occupational therapy, etc. 1 ..... 9
Public Services law enforcement. fond service, recreation. beautician. etc. 1 ..... 10
Physical Sciences and Mathematics 'physics. geology, chemistry. etc., ..... 11
Social Sciences ipsychology, history', economics, sociology. etc., ..... 12
Biological Sciences , zonlogy. physiology anatomy. etc: ..... 13
Professional Program medicine. dentistry, law, theology. etc. 1 ..... 14
OTHER field or area ispecify: ..... TQ62FS ..... $1 . .15$
undecided ..... 16
(Circle one.)
is:
65. During October 1976, did you work for the school you were attending?
(Circle one.)
Yes. working for pay .....  1
Yes. working off cost of tuition. housing. or meals .....  2
Yes. both of the above ..... 3
No .....  4
SCHOOL ATTENDANCE IN OCTOBER 197S
66. Now please think back to Fall 1975. Were you taking classes or courses at any school during the month of October 1975?

| No | GOTO Q. 79. p. 17 |
| :---: | :---: |
| Yes. at the same school I attended in October 1976 and reported above in Q. 33 | GOTOQ. 70 |
| Yes, at a school I have not yet reported | CONTINUE WITH (. 67 |

67. What is the exact name and location of the school you were attending in October 1975? (Please print and do not abbreviate.)

68. What kind of school is this?

## (Circle one.)

Vocational. trade. business or other career training school....... 1
Junior or community college (two-vear) ........................... 2
College or university (four years or more) .......................... 3
Independent graduate or professional school (medical.
dental. law. theology. etc. I ........................................ 4
Other idescribe: ___.....
69. When did you first attend this school? $\qquad$ TQ69A (month) $\qquad$ yeart
70. During October 1975, were you classified by this school as a full-fime student?

11. During October 1975, about how many hours a week did your classes meet in the subjects or courses in which you were enrolled? Include time in lectures, shop, labaratories, etc.
72. At that time how were you classified by your school?

## (Circle one.)

Freshman ifirst-year undergradualte student! ........................ 1
Sophomore isecond.year undergraduate student) ................... 2

Senior Ifourth-jear undergraduate studenlı ......................... 4

Sopecial student ...................................................................



TQ73 73. Was your field of study or training area in October 1975 the same as it was in October 1976?
(Circle one.)

| Yes | GOTOS. 77. Hext pase |
| :---: | :---: |
| No. was not in school in October 1976 | CONTIVUE WITH 0.7. |
| Nio. different from October 1976 |  |

74. As of October 1975, what was your actual or intended field of sfudy or training area (for example, practicat nurse, machinist, beautician, civil engineering, accounting, psychology, home economics, efc.l? Please name the specific field or area:
-Write in 1 :
75. Please seiect below the category which best describes this field ar area.

## (Circle one.)

Agriculture and Home Economics . .......................................................................................... I
Business taccounting. marketing. personnel management. etc.l. ................................................. .
Office and Clerical iborkkeeping. stenography, general office. etc.l . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Computer Technology ikeypunch operator. programming, computer operations. etc. $1 . . .$. .................. \&
Education telementary. special. physical. etc.l . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Engineering tcivil. electrical. mechanical. etc. 1 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6
Mechanical and Engineering Technology ladutomotive mechanic, machinist. construction. drafting. electronics. etc. 17

Health Services Inursing, lab technician. occupational therapy, etc. I ........................................... 9
Public Services tlaw enforcement. food service, recreation, beautician. etc. I ................................. I0
Physical Sciences and Mathematics (physics. geology, chemistry. etc. I . . ..................................... 11
Social Sciences (psychology, history. economics. sociology, etc.) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1:

Professional Program imedicine, dentistry. law, theology, etc. I. ................................................. it
OTHER field or area ispecify:
UNDECIDED . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 16

TQ76 76. This (above) is:
(Circle one.)
A vocational program ............. ....................................... 1
An academic program .................................................... . $\boldsymbol{2}$
A professional program ..................................................... 3
Other ispecify: ___ 1 ...t
77. As of October 1975, what kind of certificate, license, diploma, or degree were you studying for?
(Circle as many as apply.)

TQ77A
TQ77BA
TQ77CA
TQ77D
TQ77E
TQ77F
TQ77G
TQ77H
TQ77IA
TQ77JA
78. During Octaber 1975, did you work for the school you were attending?

## (Circle one.)

Y'es, working for pay .................................................... 1
Yes. working off cost of tuition. housing. or meals .................. 2
Yes. both of the above . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
No ........................................................................ 4

## SINCE OCTOBER 1974

79. Has your field of study or training area changed at any time since October 1974, two years ago?


B0. Listed below are some reasons why students change fields or training areas. What were the reasons in your sifuation?
(Circle one number on each line.)

TQ81

81. Have you changed schools at any time since October 1974, two years ago?
No
. 1 GO TO Q. 83, next pase

92. What were your reasons for changing schools?

83. Since October 1974, have you withdrawn from any schoal before you completed your studies at that school?

|  | (Circle one.) |
| :---: | :---: |
| No |  |
| Yes. hut I have vince returned to schonl | . 2 |
| Yics. but I plan to return before October 1977 | $\ldots 3$ CONTINVE WITH Q. 8+ |
| lics, and i do nut plan to return betore October | $\ldots+1$ |

84. What were your reasons for withdrawing?

TQ84A TQ84B TQ84C TQ84D TQ84E TQ84F TQ84G TQ84H TQ84I TQ84J TQ84K
(Circle one number on each line.)

| My |
| :---: |
| Redsons |


$1 \ldots . . . .$. | NOT My |
| :---: |
| Reasons |

a. Health problems or physical handicap ............................................ 2
b Had linancial difficulties ...........................................................
e. Was offered a good job .................................................... $\boldsymbol{2}$
d. Gut married or planned to get married ....................................... 2
e. School work was not relevant to the real world .. .. ....... I ............. 2
f. Wanted to get practical experience ...........................................
g. Failing or not doing as well as I wanted ..................................
h. Wasn't really sure what I wanted to do ..... .....................................
I. Transferred to another school .... .......................... 1 ........ . $\boldsymbol{2}$
j Family responsibilities ..............................................
k. Other idescribe: $\quad 1$....1..............
85. a. Estimate how well you have done in all of your coursework or programs since high school and until October 1976. Do not include grades from graduate ar prafessional school. (Circle one number in Column A.)
b. Estimate how well you have done in your coursework or programs only in the 2 -year period from October 1974 through October 1976. Do nof include grades from graduale or professional school. (Circle one number

| in Column 8.) |  | TQ85A | TQ85B |
| :---: | :---: | :---: | :---: |
|  |  | A. <br> From High School to October 1976 | 8. Octaber 1974. October 1976 |



Mostly $\mathbf{B}$ 12.75-3.24 grade point average 1 ..................................... 3 ............ 3
About half 8 and half C (2.25-2.74 grade point average) $\ldots . . . . . . . . .$.


Mostly [) or below (less than 1.25) ......................................................... 7
Have not taken any courses for which grades were given ............... 8 ........... 8
66. Considering all of the schools you have attended since high school, da ANY of these schools or programs give credits which can be used for a 4 -year callege Bachelor's degree?

| ! don't know .... 1 | GO |
| :---: | :---: |
| Vo........... 2 | GOT) (\% |
| Y'es ............ 3 |  |

87. Since leaving high school, abouf how many credits had you earned by October 1976? (Write in.)
Tจ87A
TQ87B
$\qquad$ Number of quarter hours TQ87C $\qquad$ Number of semester hours ____ vumber of other type of credits ispecify type: $\qquad$ 1

SCHOOL FINANCES FROM FALL 1974 THROUGH SUMMER 1976

The tollowing questions ask about sour school tinances for the two time periods of as Fall 19if through Summer 197. and to: Fall 1975 thruugh Sumner 197f. Please make sure you answer each question for both time periods If you are unsure about the actual doilar amount for a particular item. give your best estimate.
88." Were you in school at any time during either of the twelve-month periods from (a) Fall 1974 through Summer 1975 or (b) Fall 1975 through Summer 1976?
(a)

Fall 1974 - Summer 1975
TQ88AA



## (b)

Fall 1975 . Summer 1976 1 How many months" TQ88BB .2
89. Considering the two time periods of (a) Fall 1974 through Summer 1975 and (b) Fall 1975 through Summer 1976, what is your estimate of how much it cost for you to live and go to school, regardless of who paid? Estimate the amounts and record them below. Enter a zero, " 0 ," where you had no expenses. Do not include costs atter Summer 1976. Record your expenses for the time you were in school only.

| * | (a) <br> Fall 1974. <br> Summer 1975 | (b) Fall 1975. Summer 1976 |
| :---: | :---: | :---: |
| Tuition and fees | s TQ89AA | \& TQ89AB |
| Hooks and supplies | s T089BA | ¢ TQ8988 |
| Transportation to and from class from where 1 lived while altending schooi | 3 TQ89CA | § TQ89CB |
| Other school-related expenses | s TQ89DA | s TQ89DB |
| Housing and meals while enrolled in school | s T089EA | \$ TQ89EB |
| All other expenses while enrolled in school medical. dental expenses. debt pasments. insurance, taxes. child care etc. | \& TQ89FA | S TQ89FB |
| HOW MLCH WONEY IS THIS IN TOTAL? | ¢ TQ898A | ¢ TQ8994B |

## SCHOLARSHIPS, FELLOWSHIPS, GRANTS, AND BENEFITS

90. Considering the two time periods of (a) Fall 1974 through Summer 1975 and (b) Fall 1975 through Summer 1976, did you receive any kind of scholarship, fellowship, grant, or benefifs to go to school?

| No | GOTOQ. 92 |
| :---: | :---: |
| Yes. Fall 197t. Summer 1973 |  |
| les. fall 1975. Summer 1976 | CONTINUE WITHQ. 91 |
| lies. both of these periods |  |

91. Estimate the amounts for each scholarship, fellowship, grant, or benefit you received, and record them below. Enter a zero, " 0 ," where you received no financial assistance. Do not include loans.

|  | (a) <br> Fall 1974. <br> Summer 1975 | (b) <br> Fall 1975. <br> Summer 1976 |
| :---: | :---: | :---: |
| a Hasic Fiducational Opportunity Girant | \$ TQ91AA | s TQ91AB |
| b. Supplemental Fiducational Opportunity Grant | \$ TQ91BA | - TQ918B |
| c. College schularship or grant from college funds | S TQ91CA | ¢ TQ91CB |
| d. ROTC scholarship or stıpend | \$ TQ91DA | ) TQ91DB |
| e. Nursing Scholarship Program | s. TQ91EA | S TQ91EB |
| 1. Social Security Benefits । for students 18.22 who are children of disabled or deceased parents | S TQ91FA | ¢ TQ91FB |
| g. Veterans Administratuon War Orphans or Survivors Benefits Irogram | s T091GA | S TQ91GB |
| h. Veterans Administration Direct Benefits ${ }^{\text {GI }}$ Bill | \$ TQ91HA | S TQ91HB |
| i. State scnolarship | \$ TQ91IA | s TQ91IB |
| j. Other scholarship or grant (write in: | \$ TQ91JA | ) TQ91JB |
| TOTAL, D(ILIAR VALCE | \$ TQ9IKA | S TQ91KB |

## LOANS

TQ92 92. Considering the same two periods from (a) Fall 1974 through Summer 1975 and (b) Fall 1975 through Summer 1976, did you receive a loan to go to school?

| No | GOTO Q. 94, nexs pase |
| :---: | :---: |
| Yes. Fall 1974-Summer 1975 |  |
| Y'es. Yall 1975 - Summer 1976 | CONTINUE WITH Q. 93 |
| fies. both of these periods |  |

93. Estimate the amounts for each loan you received and record them below. Enter a zero, " 0 ," where you received no loan.

|  | (a) <br> Fall 1974. <br> Summer 1975 | (b) Fall 1975. Summer 1976 |
| :---: | :---: | :---: |
| Federal Guaranteed Student Loan | \$ T093AA | § TQ93AB |
| State loan | s TQ93BA | \& TQ93BB |
| Regular bank loan | 5 TQ93CA | \$ TQ93CB |
| National Defense (Direct I Student Loan | \$ TQ930A | \$ TQ93DB |
| Nursing Student Loan | \$ TQ93EA | \$ TQ93EB |
| School or college loan | \$ TQ93FA | \$ TQ93FB |
| Relatives or friends | \$ TQ93GA | . $\$$ TQ93GB |
| Other loan (write in: | \$ TQ93HA | \$ TQ93HB |
| TOTAL DOLLAR VALUE | \$ TQ93IA | \% TQ93IB |

FINANCIAL ASSISTANCE FROM RELATIVES OR FRIENDS
94. Considering the two time periods of (al Fall 1974 through Summer 1975 and (b) Fall 1975 through 5ummer 1976, did you receive financial assistance (not a loan) from any relatives or friends to go to school?

| No | GOTOQ. 96 |
| :---: | :---: |
| Yes, Fall 1974 - Summer 1975 |  |
| Yes, Fall 1975 - Summer 1976 | CONTINUE WITHQ. 95 |
| Yes, both of these periods |  |

95. Estimate the amounts you received and record them below. Enter a sero, " 0 ," where you received no financial assistance.

|  | (a) <br> Fall 1974. <br> Summer 1975 | (b) <br> Fall 1975. <br> Summer 1976 |
| :---: | :---: | :---: |
| Parents | \$ TQ95AA | \$ TQ95AB |
| Husband or wife | \$ TQ95BA | \$ TQ95BB |
| Other family or friends | \$ IQ95CA | S T095CB |
| TOTAL DOLLAR VALUE | \$ TQ95DA | . $\$$ TQ95DB |

## MONEY YOU HAD SAVED OR EARNED

TQ96 96. Considering the same two periods from (a) Fall 1974 through Summer 1975 and (b) Fall 1975 through Summer 1976, did you pay any of the costs to 90 to school from money you had saved or earned?

| No | GOTO (.98. next page |
| :---: | :---: |
| Yes. Fall 1974-Summer 1975 |  |
| Yes. Fall 1975 - Summer 1976 | CONTINUE WITH Q. 97 |
| Yes, both of these periods |  |

"97. Estimate the amounls and record below. Enter a rero " 0 ," where you received no money.

| $\begin{gathered} \text { (a) } \\ \text { Fall } 1974 . \\ \text { Summer } 1975 \end{gathered}$ | (b) <br> Fall 1975. <br> Summer 1976 |
| :---: | :---: |
| s TQ97AA | TQ97AB |
| S TQ97BA | S T097BB |
| S T097CA | S TQ97CB |
| \$ TQ97DA | \$ TQ97DB |
| \$ TQ97EA | \$ TQ97EB |

SCHOOL FINANCES FROM FALL 1976 THROUGH SUMMER 1977

TQ98
98. Are you or will you be in school at any time from Fall 1976 through Summer 1977?
No $\ldots \ldots \ldots \ldots \ldots \ldots \ldots .1$
$\left.\begin{array}{l}\text { Don t know } \ldots \ldots \ldots \ldots \ldots .\end{array}\right\}$ GOṪOQ. 101
Yes $\ldots \ldots \ldots \ldots \ldots \ldots \ldots .3$ CONTINUE WITH Q. 99
9. What is your estimate of how much it will cost for you to five and go to school this year, regardless of who pays? Estimate your expenses and record them below. Enter a zero, "0," where you expect no expenses.

Tuition and fees
$\$$ $\qquad$ Books and supplies
$\mathbf{s}$ $\qquad$
Transportation to and from class from where I live while attending school.
s $\qquad$
TQ99D
TQ99E
Other school-related expenses
s $\qquad$
TQ99F
TQ99GA, GB*
TQ99H
Housing and meals while enrolled in school
$\$$ $\qquad$
All other expenses while enrolled in school: medical. dental expenses. debt payments. insurance, taxes. child care. etc. ............. $\qquad$
HOW MUCH MONEY IS THIS IN TOTAL? .... \$ $\qquad$
100. How are you meeting (or planning to meet) these expenses? Estimate the amounts you expect to receive from each source and record them below. Enter a zero, " 0 ," where you expect no money.

|  |  | Amount will receive from each saurse |
| :---: | :---: | :---: |
| TQ100A | Grant | \$ |
| TQ100B | Fellowship | \$ |
| TQ100C | Scholarship | \$ |
| TQ100D | Loan | \$ |
| TQ100E | Teaching or research assistantship | \$ |
| TQ100F | Job other than assistantship | \$ |
| TQ100G | Spouse's income | \$ |
| TQ100H | Savings | S |
| TQ100I | Parents. | \$ |
| TQ100J | Other relatives or friends | \$ |
| TQ100K | Other ispecify | \$ |

## GRADUATE OR PROFESSIONAL SCHOOL

TQ101. 101. Have you received a Bachelor's degree from a four-year college or university?
No
GOTO Q. 108. p. 24


TU102 102. Did you formally appiy for admission (fill out a form and send it in) to any graduate or professional schoal at any time before October 1976?

*See manual for coding instructions.
103. Please list below the graduate institutions to which you applied, the city and state in which the institutions are located, and the department or program le.g., law school, public health, journalism, psychology).
At the right circle the number for yes or no if you (a) were accepted; (b) applied for financial assistance such as a grant, fellowship, loan, teaching or research assistantship, etc.: (c) were offered financial assistance, and (d) enrolled.

| . ${ }^{\text {a }}$ | (a) <br> Was <br> Accepted | (b) <br> Applied for Financial Assistance | (c) <br> Was Offered Financial Assistance | (d) Enrolled |
| :---: | :---: | :---: | :---: | :---: |
| First Choice |  |  |  |  |
| Schoul: TQ103ASC EICE CODE: TQLO3AFC | TQ103AA | TQ103AB | TQ103AC | TQ103AD |
| City:_ TQ103ACT State: IQ103AST | Yes.... 1 | Yes.... 1 | Yes.... 1 | Yes.... 1 |
| ```Department or program:  Second Choice``` | , Vo .... 2 | No... . . 2 | No.... 2 | No.... 2 |
| Schoul: TQ103BSC FICE CODE: TQ103BFC | TQ103BA | TQ1038B | TQ103BC | TQ103BD |
| City TQ103BCT State: TQ103BST | Yes.... | Yes ... 1 | Yes... 1 | Yes .... 1 |
| Dupartment or program: $\quad$ TQ103BFS FICE CODE INDICATOR: Third Choice | No.... ? | No..... 2 | Vo.... 2 | No.... 2 |
| School: TQ103CSC FICE CODE: TQ103CFC | TQ103CA | TQ103CB | TQ103CC | TQ103CD |
| City State TO103CST | Yes.... 1 | Yes.... 1 | Yes....l | Yes....l |
| Department or prosrani TQ103CES | Vo . . . 2 | No. $\quad$, | No.... ${ }^{\text {d }}$ | No....3 |
| FICE CODE INDICATOR: TQ1O3CIN* |  |  |  |  |

104. Circle the category that describes your present status with respect to graduate or professional school.
(Circle one.)
I have attended graduate or protessional school but

105. Which of the following factors are important reasons for your not atfending graduate or professional school? Aflur vow have answered this question. so to Q. 108, ners puge.)
(Circle as many as apply.)

TQ105A TQ105B

TQ105C TQ105D

TQ105E

TQ105F,
TQ105G
TQ105H
TQ105I
TQ105J TQ105K TQ105L


* See manual for coding instructions.

106. How important was each of the following reasons in your deciding to atfend graduate or professional school?
(Circle one number on each line.)

|  |  | Determining Factor | Important | Not Important | Did NOT Consider |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TQ106A | Obtaining credentials for a specific career | 1 | 2 | 3 | 4 |
| TQ106B | No satisfactory jobs available | . 1 | 2 | 3 | 4 |
| TQ106C | Better salary | 1 | 2 | . 3 | 4 |
| TQ106D | Enjoy school | 1 | 2 | 3 | 4 |
| TQ106E | Interest in subject matter | 1 | 2 | 3 | 4 |
| TQ106F | Better job opportunities | . 1 | 2 | . 3 | 4 |
| TQ106G | Other ispecify: | $\ldots .1$ | 2 | 3 | ... 4 |

107. How important was each of the following reasons in your choosing the institution in which you are (were) enrolled for your graduate or professional study?

|  |  | Determining Factor | Important | Not Important | Did nor <br> Consider |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TQ107A | a. Cost of attending | . 1 | . 2 | . 3 | 1 |
| TQ107B | b. Availability of financial aid | 1 | 2 | 3 | 1 |
| TQ1C:C | c. Hecommendation of undergraduate professor |  | 2 | 3 | 4 |
| TQ107D | d. Presence of a particular professor at the institution | 1 | 2 | . 3 | 4 |
| TQ10 ${ }^{\circ} \mathrm{E}$ | e. Quality of a particular department | 1 | 2 | 3 | 1 |
| TQ107F | f. Keputation of the institution | 1 | . 2 | . 3 | $t$ |
| TQ107G | g. Location | 1 | 2 | 3 | . 4 |
| TQ107H | h. Library facilities | 1 | . 2 | 3 | 4 |
| TQ1碞 | i. Proximity to spouse's schooliwork | 1 | 2 | 3 | 4 |
| TQ10'J | j. Other ispecify: | . 1 | 2 | 3 | 1 |

## OTHER TRAINING

TQ108 108. Since October 1914, have you participated in any program such as on-the-job training, registered apprenticeships, manpower training programs, personal enrichment, or correspondence courses? Do not include regular school and college programs.

> No........... .1 GOTO Q. H6. next page Yes ............... 2 CONTINUE WITH Q. 109
109. What type of training program(s) or course (s) have you participated in?
(Circle as many as apply.)

TQ109A TQ109B

TQ109C
TQ109d
TQ109E
TQ109F
TQ109G TQ109H
TQ109I
TQ109J TQ109K
TQ109L
a. An Armed Forces training program ........................... 1
b. On-the-job training la program of instruction during normal working hours) 2

d. Formal Registered Apprenticeship (your state or labor union)4
e. Manpower Development and Training (MDTA) ..... 5
f. Work Incentive (WIN) ..... 6
g. Neighborhood Youth Corps (NYC) ..... 7
h. Comprehensive Employment and Training Act ICETA, ..... 8
i. Other manpower program (specify ..... $1 \ldots 9$
j. Correspondence course (s) ..... 10
k. Non-credit courses for personal enrichment ..... 11
l. Other (specify: ..... 1... 12
110. Were you being trained for some type of work?

| No | cotnQ 112 |
| :---: | :---: |
|  | CONTIVUE WITH Q. $/ 1$ |

TQ114 114. Have you used this training on any job?

> Yes......................
> No.............................. 2

TQ115 115. Which one of the following statements best describes the isistance you received (are receiving) from the pro. gram or training center in finding a job?

## (Circle one.)

DOES NOT APPLY TO ME since my training was in the military, on-the-

> job. or for personal enrichment

I did not want or did not need help from the center in finding a job .................... 2
I wanted and needed help but did not receive any from the center ....................... 3
The center provided information on job openings in my field ............................ 4
The center put me directly in touch with possible employers or arranged
a job for me
. .5

TQ116 116. Have you ever tried to find work on a job where you might use what you learned from any school, college, or training program you attended since October 1974?
No. because I have NOT attended any school or college since October 1974 .... 1
No, although I HAVE attended a school or college since October 1974 .......... 2,


TQ117 117. Did you find wark for which you could use what you learned?
(Circle one.)
Yes, in the locality where I received my training .................. 1
Yes, somewhere else ......................................................... 2
Yes, both of the above . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
No ................................................................................. 4

## SECTION D: MILITARY SERVICE

TQ118 118. Since October 1974, have you served in the Armed Forces, or a Reserve or National Guard Unit?

## (Circle one.)

| No |  |
| :---: | :---: |
| Yes. National | SN |
| Yes. active duty | CONTIVEE W/TH O. 114 |

TQ119 119. In which branch of the Armed Forces did you serve? Write inl:
120. When did you begin active duty?

TQ120A (month) $\qquad$ TQ120B (year)

TQ121 121. Have you received (or are you receiving) four or more weeks of specialized schooling while in the Armed Forces?


TQ122 122. What is the name of the specialized schooling program in which you spent the longest period of time? \{Please print and do not abbreviate.)

Name of program:
TQ123 123. Specify your current primary milifary specialty

TQ124
124. What is the highest pay grade you have held?

Pay grade
125. Have you taken any courses while in the Armed Forces that:

> (Circle one number on each line.)

TQ125B Prepared you for equivalency tests that can be taken for college credit? $1 \ldots \ldots .2$
TQ125C Were college-sponsored courses which gave college credits? ......................... 2
126. Are your currently on active duty?

TQ126A $\qquad$ month TQ126C year 1 .......... 1 SXIPTOSECTIONE. nevpasi 2 CONTINUE WITH (.127.

TQ127 127. How long do you expect to be on active duty in the Armed Forces?
(Circle one.)
For a two-year tour of duty only ...................................... 1
For a three- or four-year tour of duty .............................. 2
Fiur more than nne enlistment. but less then a full career ..... 3
For a full career 20 years minimumı ... .......................... \&
Have not decided ................................................ 5
128. What do you plan to do when you get out of the Armed Forces?

TQ128D Technical. vocational or business or career training school. either full-time or part-time

TQ128E

Registered apprenticeship or on-the-job training program
$\qquad$ 2

| Never married. but plan to be married within the next 12 months |  |
| :---: | :---: |
|  | GOTOQ. 137. new pare |
| Divorced. widowed. separated................................ 3 | CONTINUE WITH Q. 130 |
| Marricd.......................................................... 4 . ${ }^{\text {. }}$ | CONTNUE WITM ${ }^{\text {l }}$ |

130. What was the date of your marriage?
TQ130A ${ }^{\text {Tmonth }}$ TQ130B (year)
131. As of the first week of October 1976, what was your husband or wife doing?

TQ13130X Iff you were not murried in the first wedk of Ocroher 1976, check here $\square$ and go to Q. 136. nent page. 1
(Circle as many as apply.)

TQ131A
TQ131B
TQ131C
TQ131D

TQ131E
TQ131F
TQ131G
TQ131H

Working for pay at a full-time or part-time job ................... 1
Enrolled in graduate or professional school ....................... 2
Taking academic courses at a two- or four-year college ......... 3
Taking vocational or technical courses at any kind of school or college for example, vocational. trade. business. or other career training school,4

On active duty in the Armed Forces tor service academyı. ...... 5
Homemaker ........ . ............................................. 6
Temporary layoff from work. lonking for work, or waiting to repurt to work ............... . .................................. . 7
(rher idescribe: ___ 8
132. Please describe below the job your husband or wife held during the first week of October 1976.

TQ132BOX If wor spouse wes mof workine. check here $\square$ and go to Q. 135, nexs page.

(Circle one.)
An employee of a PRIVATE company. bank. business. school. or indwidual working for wages. salary or commissions?
A GOVERNAIENT employee i Federal. State. county. or local institution or schooli? .......2
Selfemployed in his her OW:N business. professional practice. or tarm? .... . ............ 3
Working WITtiOLT PAY' in family business or farm? ...... .. .................................

TQ133 133. How many hours did he/she usually work al this job in an average week?
$\qquad$ Hours per week

TQ134 134. In an average week, approximately how much did he/she earn at this job? (Report his/her gross earnings before deductions. If not paid by the week, please estimate.)
$\$$ (Earnings before deductions

TQ135 135. As of October 1976, what was the highest level of education that your husband or wife had altained?
(Circle one.)
Some high school. or less .................................................................................. 1
Finished high school .......................................................................................... 2
Vocational trade or
business school ....................... $\left\{\begin{array}{l}\text { Less than two years ...................................... } 3 \\ \text { Two years or more .................................... } 4\end{array}\right.$

136. Now please think back a year to Fall 1975. What was your husband or wife doing in October 1975?

TQ136BOX 'If you were hes married in Ocroher 1975. check here $\square$ and continue with $Q$. 137.1
(Circle as many as apply.)

TQ136A
TQ136B
TQ136C
TQ136D

TQ136E
TQ136F
TO136G

TQ136H

Working for pay at a full-time or part-time job ...................... .
Enrolled in graduate or professional school ............................ 2
Taking academic courses at a two- or four-year college ........... 3
Taking vocational or technical courses at any kind of school or college for example. socational. trade. business. or other career training school,4

On active duty in the Armed Forces tor service academyl........ 5
Homemaker .. ................................................. 6
Temporary layoff from work. looking for work. or wating to report to work .7
Other idescribe: J___ 8

TQ137 137. Are you atwin?
Yes . . . . . . . . . . . . . . . . . . . . .

$$
\text { No . ........................ } 2
$$

TQ138A 138. a. How many children iltogether do you eventually expect to have?
(Circle one.)

TQ1388 b. A. of the first week of October 1976, how many children did you have?
(Circle oné:)


TQ138C $\quad-$ When do :ou expect to have your first (next) child?
(Circle one.)
Don't c.spect to have a tanothert child . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Within the next year . ..................................................... 2
Between the and two years train now ...... .......................... 3
Between wo and three years from now .............................. 4
Beiween thrre and five years from now ............ .................. 5
Wnre thill five years from now ............................................ 6
Don't know . ............... .................................................. . 7

TQ139 139. Not including yourself, how many persons were dependent upon you for more than one-half of their financial support as of the first week of October 1976?
(Circle one.)
0...... ا.... ...2. .....3.........t......... $5 . . . . . . . .6$ or more
140. As of the first weak of October 1916, were you dependent upon your parents, spouse, or any ather relatives or friends for mare than one half of your financial susport?
(Circle one number on each line.)

IQ140A
TQ140B
IQ140C

|  | Yes |
| :---: | :---: |
| Parents | 1 |

Spoust ......................................................................................... . 2
Other relatives or firiends .................................................... . . . . . . . . . . . . 2
141. What is the best estimate of your income before taxes for (a) ALL OF 1975 and for (b) ALL OF 1976? If married, include your spouse's income in the total. Do not include loans. Please make a dollar amount entry on each line. If you did not receive any income from a source, enter a zero, "0."

|  | (a) <br> Amount Received 1975 | (b) <br> Amount Will <br> Receive 1976 |
| :---: | :---: | :---: |
| Your own wages, salaries. commissions. or net income from a business or farm. | \$T0141AA | \$ TQ141AB |
| Your spouse's (husband or wife) wages. salaries, commissions. or net income from a business or farm | \$ TQ141BA | \$ TQ141BB |
| Public assistance or wellare tinclude spouse'st | S TQ141CA | \$ TQ141CB |
| Urciuployment compensation tinclude spouse's; | S TQ141DA | \$ TQ141DB |
| All other income you and your spouse received (include interes! dividends, rental property income. gifts. sctuotarships, fellowships. elc.) | S TQ141EA | . $\$$ TQ141EB |
| TOTAL INCOME FOR YOU AND YOUR SPOUSE | \$ TQ141FA | . $\$$ TQ141FB |

142. As of the first week of Octaber 1976, how much money did you owe for:
(Circle one number on each line.)

|  | . | None : | Less than $\$ 100$ | $\begin{gathered} 5100 \\ 10 \\ \$ 499 \end{gathered}$ | $\begin{gathered} \$ 500 \\ \text { to } \\ 5999 \end{gathered}$ | $\begin{gathered} 51000 \\ 10 \\ 51999 \end{gathered}$ | $\begin{aligned} & \$ 2000 \\ & \text { to } \\ & \$ 4999 \end{aligned}$ | $\begin{gathered} \$ 5000 \\ \text { to } \\ 59999 \end{gathered}$ | $\begin{aligned} & \$ 10,000 \\ & \text { or } \\ & \text { More } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TQ142A | Fducation or trainıng | 0... | 1. | 2. | 3 | 4. | . 3 | ¢ | 7 |
| TO142B | Mortsage on house or mobile home | . 0 | 1. | 2 | .1) | 4 | 5 | . ${ }^{\text {d }}$ | . 7 |
| TQ142C | Other debts icar. rent. appli- <br> ances. medical bills and so ont | $0 .$ |  | $\underline{2}$ | 3 | 4 |  |  | 7 |

143. As of the first week of October 1976, how much money had you saved and planned to use for:

| None | (Cirsle one number on each line.) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less than <br> $\$ 100$ | $\begin{gathered} 5100 \\ \text { to } \\ \$ 499 \end{gathered}$ | $\begin{gathered} 3500 \\ 10 \\ \$ 999 \end{gathered}$ | $\begin{aligned} & \$ 1000 \\ & 10 \\ & \$ 1999 \end{aligned}$ | $\begin{aligned} & \$ 2000 \\ & \text { or } \\ & \text { More } \end{aligned}$ |
|  |  |  |  |  |  |
| 0 | 1. | 2 | 3. | $t$. | i |
| . 0 | 1. | 2. | 3 | t. | . |

TQ144
144. Do you owe any money for an education or fraining loan for which your repayment schedule has begun?

145. When was your firsi payment due?

TQ145A (month TQ145B__(jear)

TQ146 146. Are you having or have you had any difficuley in meeting payments?

| Nio | 1 |  |
| :---: | :---: | :---: |
| Y's | 2 | explain why: |

147. To what extent have you voluntarily participated in the following groups during the two-year period from Octaber 1974 through October 1976? (By voluntarily, we mean you are not an employee of the group; by active participant, we mean that you attend the meetings or events; by member only, we mean that you are on a mailing or telephone list so that you are kept informed of meetings and events.)
(Circle one number on each line.)

TQ147A
TQ147B
TQ147C
TQ147D
TQ147E
TQ147F
TQ147G
TQ147H
TQ147I
TQ147J
TQ147K
TQ147L
TQ147M

a. Youth organizations-such as Little League coach, scouting etc. $\ldots \ldots \ldots .1 \ldots \ldots \ldots . .$\begin{tabular}{c}
Active <br>
Participant

$\frac{$

Member <br>
Only
\end{tabular}}{\(\substack{Not <br>

At All}\)}
b. Union. farm. trade or professional association
. 1 ............. 2
. 2 ............. 3
c. Political clubs or organizations
. 2 ............. . 3

e. Community centers. neighborhood improvement. or social-action associations or groups.
. $1 . . . . . . . . . . . . . . . . . . . . . . . . .$.
f. Organized volunteer work-such as in a hospital
. 2 ............. . 3
g. A social, hobby, garden. or card playing group
. 2 ............. 3
h. Sport teams or sport clubs
. 2 . . . . . . . . . . . 3

1............. 2
j. Educational organizations-such as PTA or an academic group
. 2 . . . . . . . . . . 3
k. Service organizations-such as Rotary. Junior Chamber of Commerce, Veterans, etc.......................................................................... . 3

1. A student government, newspaper, journal, or annual staff $\ldots \ldots \ldots \ldots \ldots . . \ldots \ldots \ldots . .2 \ldots \ldots \ldots .$.
m. Another voluntary group in which I participate
. $1 . . . . . . . . . .{ }^{2}$
.3
2. How do you feel about each of the following state.nents?

|  |  | Agree <br> Strongly | Agree | Disagree | Disagree Strongly | $\begin{gathered} \mathrm{No} \\ \text { Opinion } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TQ148A | I take a positive attitude toward myself | 1 | 2 | . 3 | 4 | 5 |
| TQ148B | Good luck is more important than hard work for success |  |  |  |  | 5 |
| TQ148C | I feel I am a person of worth. on an equal plane with others | $.1$ | $2$ | $\text { . } 3$ | $4$ |  |
| TQ148D | I am able to do things as well as most other people | $1$ | $\text { . } 2$ | $\text { . } 3 \text {. }$ | $4 .$ |  |
| TQ148E | Every time I try to get ahead. something or somebody stops me | $1 .$ | $.2$ | $3$ | $4$ |  |
| TQ148F | Planning only makes a person unhappy since plans hardly ever work out anyway | $1$ | $2$ | $.3$ | $.4$ |  |
| TQ148G | People who accept their condition in life are happier than those who try to change things. |  |  | . 3 |  |  |
| TQ148H | On the whole. I'm satisfied with myself | . 1 | . 2 | . 3 | . 4 |  |

149. Have you ever been given a special advantage or treated unfairly because of your sex (male or female) in any of the following sifuations?

> Given Special Advantage (Circle as many as apply.) $\quad$ Treated Unfairly (Circle as many as apply.)

| Getting a good education | 1 | TQ149AA | 1 | TQ149AB |
| :---: | :---: | :---: | :---: | :---: |
| (ietting a job. promotion, or other work benefits | 2 | TQ149BA | 2 | TQ149BB |
| (ietting a house or aparment | 3 | TQ149CA | 3 | TQ149CB |
| vone of these | 4 | TQ149DA | $t$ | TQ149DB |
| If so. please describe : $\quad$ TQ149E |  |  |  |  |

150. How do you feel about each of the following statements?
(Circle one number on each line.)

|  |  | Agree Strongly | Agree | Disagree | Disagree Strongly |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TQ150A | a. A working mother of pre-school children can be just as good a mother as the woman who doesn't work. |  | 2 | . 3 | $\ldots 4$ |
| TQ150B | b. It is usually better for evervone involved if the man is the achiever outside the home and the woman takes care of the home and family |  | 2 | . 3 | i |
| TQ150C | c. Young men should be encourigged to take jobs that are usually filled by women nursing. secretarial work. ete. 1 |  | 2 | 3 | $t$ |
| TQ150D | d. Most women are just not interested in having big and important jobs. | $1$ |  |  |  |
| TQ150E | c. Dany qualified women can't get good jobs: men with the same skills have much less trouble | $1$ | 2 |  |  |
| TQ150F | f. Most women are happiest when they are making a home and caring for children | $1$ | 2 | 3. | t |
| TQ150G | g. High school counsclors should urge young women to train for jobs which are now held mainly by men. | . 1 | $2$ | $3$ | 4 |
| TQ150H | h. It is more important for a wife to help her husband than to have a carcer herself | $1$ |  | 3 | 4 |
| TQ150I | i. Schools teach women to want the less important jobs | 1 | 2 | 3 | + |
| TQ150J | j. Men should be given first chance at most jobs because they have the primary responsibility for providing for a family |  | 2 |  | 4 |

157. How important is each of the following to you in your life?

|  |  |  | (Circle one number on each line.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very Important | Sormewhat Important | Not Important |
| TQ151A | a. | Being successful in my line of work | .... $1 .$. | 2 | $\ldots .3$ |
| TQ151B | b. | Finding the right person to marry and having a happy family life | 1 | 2 | 3 |
| TQ151C | $\cdots$ | Having lots of money | 1 | 2 | 3 |
| TQ151D | d. | Having strong friendships |  | 2 | .3 |
| TQ151E | e. | Being able to find steady work | 1 | 2 | 3 |
| TQ151F | $f$. | Being a leader in the community | 1 | 2 | 3 |
| TQ151G | g. | Being able to give my children better opportunities than I've had. | . 1 | 2 | 3 |
| TQ151H | h. | Living close to parents and relatives | 1 | . 2 | . 3 |
| TQ151I | 1. | Getting away from this area of the country | 1 | 2 | 3 |
| TQ151J | J | Working to correct social and economic inequalities | 1 | 2 | 3 |
| TQ151K | k. | Having leisure time to enjoy my own interests | 1 | 2 | 3 |
| TQ151L | 1. | Having a good education | . 1 | 2 | 3 |

152. How important is each of the following factors in determining the kind of work you plan to be doing for most of your life?

| Very <br> Important |
| :---: | | Somewhat |
| :---: |
| Important |$\quad$| Not |
| :---: |
| Important |



. 2 ............. 3
c. Job openings available in the occupation
. 1 ............ 2
.3
d. Work matches a hoby interest of mine.

2
e. Good income to start or within a few years .......................................................... 3
. 3
!. Job security and permanence ............................................................... 2
. 3
g. Work that seems important and interesting to me .......................................... 2
. 3
h. Freedom to make my own decisions .. ....................................................... 2
. 3
i. Opportunity for promotion and advancement in the long run ............................ 2
. 2
. 3
j. Meeting and working with sociable, friendly people ........................................ 2 .3
153. The following questions ask about your political participation. Considering the period from October 1974 to October 1976.
(Circle one number on each line.)


Did you ever talk about public problems with any of the following people?
Your family . ....................................... ....................... 1 ............. $2 . . . . . . . . . . . .$.
People where you work.............................................................................. 3
Community leaders. such as club or church leaders ................................................. 3
Did you ever talk about public problems with elected government officials or people in politics, such as Democratic or Republican leaders? ............. 1 ............ $2 \ldots \ldots . . . . .$.
Did you ever talk to people to try to get them to vote for or against
a candidate?............................................................................................ 3
Did you ever give any money or buy tickets to help someone who was trying to win an election? ....................................................... 1 .............. 2 . ............. 3
Did you ever go to any political meetings. rallies, barbecues, fish fries, or things like that in connection with an election? ............................................. 2 .
. 3

Did you ever hold an office in a political party or get elected to a government job?
. $1 . . . . . . . . . . .$. . 3

TQ154 154. Are you registered to vote?
Yes .............. 1
№................. 2
155. Before October 1976, did you ever vote in a local, state, or national election?

| Yes $\ldots . . . . . . . . .1$No ................ 2 |  |
| :---: | :---: |
|  |  |

156. Have you ever been given a special advantage or treated unfairly because of your race in any of the following situations?

|  | Given Special Advantage (Circle as many as apply.) | Treated Unfairly (Circle as many as apply.) |
| :---: | :---: | :---: |
| Getting a hood crducation | 1 TQ156AA | 1 TQ156AB |
| (ietting a job. promotion or other work benefits | 2 TQ 156 BA | 2 TQ156BB |
| (retting a house or apartment | . 3 TQ156CA | 3 TQ156CB |
| None of these | . 4 TQ156DA | +TQ156DB |
| If wo. please describe: .__ TQ156E |  |  |

157. What are your feelings about the high school you graduated from?
(Circle one number on each line.)

|  |  | Agree Strongly | Agree Somewhat | Disagree Somewhat | Disagre Strongly | Does not Apply |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TQ157A | School should have placed nore emphasis on basic academic subjects imath. science. English. etc. 1 | 1 | . 2 | . 3 | +. | . |
| TQ157B | School did wot offer enough practical work experience | .1 |  |  | 4 | . ${ }^{\text {j }}$ |
| TQ157C | School should have placed more emphasis on vocational and technical programs | $1 \text {. }$ | $\text { . } 2$ | $.3$ | $.4$ | 5 |
| TQ157D | Schexl provided me with counseling that helped the find employment | $.1$ | 2 | . 3 | 4. | 5 |
| TQ157E | Xhowl should hase given mare attention to my needs as an individual | $\text { . . } 1$ | $\therefore$ | $.3$ | $4 .$ |  |
| TQ157F | School provided me with counseling that helped me continte my education | $\ldots 1$ | . 2 | $. .3$ | . 4. | 5 |
| TQ157G | Wher comments abuet your high school. |  |  |  |  |  |

158. The information you have given us in this questionnaire lets us know what you have been doing during the past two years, particularly in October 1975 and October 1976. This question asks about other time periods, so that we will be sure to have a complefe picfure of what you've been doing since high schoot.
Please read through all nine activities listed below, then for EACH time period circle the number for EACH activity that you were doing at that time.
Circie all that apply for EACH column.

|  | Oct. 72 | Oct. 73 | Oct. 74 | What are you doing now? | What do you expect to be doing in Oci. 1917? |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TQ158AA-AE Working for pay at a full-time job | 1 | 1 | 1 | 1 | 1 |
| TQ158BA-BE Working tor pay at a part-iime job | 2 | 2 | 2 | 2 | 2 |
| TQ158CA-CE F.nrolled in graduate ar professional school | 3 | 3 | 3 | 3 | 3 |
| TQ158DA-DE Taking academic courses at a two-year or fouryear college | 4 | 4 | 4 | 4 | 4 |
| TQ158EA-EE Taking vorationil or technical courses | 5 | 5 | 5 | 5 | 5 |
| TQ158FA-FE On active duty in the Armed Forces tor service academy: | 6 | 6 | 6 | 6 | 6 |
| TQ158GA-GE Homemaker | 7 | 7 | 7 | 7 | $i$ |
| TQ158HA-HE Temporary layoff from work. looking for work. or waiting to report to work | 8 | 8 | 8 | 8 | 8 |
| TQ1581A-IE (her | $y$ | 9 | 9 | . 9 | . 4 |

[^36]
## SECTION G: BACKGROUND INFORMATION

Please PRINT your name, address, and the felephone number where you can most usually be reached during the coming year.

Please PRINT the names and addresses of two other people who will know where to get in touch with you during the coming year. (List no more than one persan who now lives with you.)


Please PRINT your spouse's full name (if you are married).

SPOUSE'S FULL NAME: $\qquad$

Please give the following information about yourself.
(a) Date of birth TFUBMTH
1
(b) Sex: (Circle one.) Mate.
... 1 Female .2
month : TFUBDAY
(day) TFUBYR
(year)
(c) Driver's License No.

OMITTED
(d) Whan did you compl
$\qquad$ State $\qquad$
(d) When did you complete this questionnaire? TQCMPMTH (month) TQCMPDA (day) TQCMPYR (year)

## THANK YOU FOR YOUR COOPERATION

Activity State Questionnaire

National Center for Education Statistics<br>Education Division<br>Department of Health, Education, and Welfare<br>Washington, D.C. 20202<br>OPERATION FOLLOWUP<br>Supplementary Information

A. October 1972 Activities

Think back to October 1972, the fall of the year after you left high school. [Circle the numbers of the answers which best fit the situation then.]

1. Were you:
2. Were you looking for work?
Working full time? . . . . . . . . . 1
Working part time? . . . . . . . . . . 2
3. Were you young to school?

Full time


Part time
What were the name and address of the school? Name:

Address: $\qquad$
Not going to school . . . . . . . . . . . . 3 $\qquad$
5. Were you on active military duty?

Yes . . . . . . . . . . . . . . . . . . . . . 1
No . . . . . . . . . . . . . . . . . . . . 2
. 2
6. Were you a homemaker?

Yes . . . . . . . . . . . . . . . . . . . . 1
No
. 2

## B. October 1973 Activities

Think back to October 1973, the fall of the second year after you left high school. [Circle the numbers of the answers which best fit the situation then.]
7. Were you: 8. Were you looking for work?

| Working full time? . . . . . . . . . . .1 | Yes . . . . . . . . . . . . . . . . . . . . 1 |
| :--- | :--- |
| Working part time? . . . . . . . . . | No . . . . . . . . . . . . . . . . . . 2 |

9. Were you going to school?

Full time


Part time . . . . . . . . . . . . . . . . . . 2$\}$
10. What were the name and address of the school?

Name:
Address:
Not going to school . . . . . . . . . . . . 3
11. Were you on active military duty?

Yes . . . . . . . . . . . . . . . . . . . . 1
No . . . . . . . . . . . . . . . . 2
12. Were you a homemaker?
Yes 1No ....................... 2


## C. General Information

The following questions are more general in nature. [Circle the numbers of the answers which best fit.]
13. What kind of high school program were you in?

General . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Academic or college preparatory . . . . . . . . . . . . . . . . . . . . 2
Vocational or technical . . . . . . . . . . . . . . . . . . . . . . . . . 3
14. What is the highest educational level completed by your mother and father? If you are not sure, please give your best guess.
(Circle one number on each line.)

|  | None or gade school only | High School |  | Vocational, trade, business, or carear program in a school of college. |  | Some college (including two-year dagree) | Acadamic progeams |  | Ph. D..M.D.. or equivalent |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Did not finish | Finished | Less than two vears | Two vears or more |  |  |  |  |
| Father or male guardian. | 1. | $2 .$ | 3. | 4 | 5 | 6 | 7. | 8 | 9 |
| Mother or female guardian | $1 \text {. }$ | . 2. | . 3. | 4. | . 5 | . 6 | . 7. | . 8 | . 9 |

15. What job did your father (or male guardian) hold when you were a senior in high school, even if he is now retired, deceased, or disabled?
a. For whom does (or did) he work? (Name of company, business, organization, or other employer)
(Write in):
b. What kind of business or industry is (or was) this? (For example, retail store, manufacturer, state or city govemment, farming, etc.)
(Write in):
c. What kind of job or occupation does (or did) he have in this business or industry? (For example. salesman, foreman, policeman, civil engineer, farmer, teacher)
(Write in): $\qquad$
d. What are (or were) his most frequent activities or duties on this job? (For example, selling cars, keeping accounts, supervising others, operating machinery, finishing concrete, teaching grade school)
(Write in):


\section*{| 9 |
| :--- |
| 稀 |
| 72 |}

National Center for Education Statistics<br>Education Division<br>Department of Health, Education, and Welfare<br>Washington, D.C. 20202<br>\section*{GENERAL INSTRUCTIONS}

This questionnaire is divided into the following seven sections:
A. General Information
B. Work Experience
C. Education and Training
D. Military Service
E. Family Status
F. Experiences and Opinions
G. Background Information

Start by answering questions in Section A. You will need to answer the first question in each section, but you may not need to answer all the questions in every section. You may be able to skip most of some sections. We have designed the questionnaire with special instructions in red beside responses which allow you to skip one or more questions. Follow these instructions when they apply to you.
Read carefully each question you answer. It is important that you follow the directions for responding, which are:

- (Circle one.)
- (Clicle as many as apply.)
- (Circle one number on each line.)

Sometimes you are asked to fill in a blank - in these cases, simply write your.response on the line provided.
Where you are asked to circle a number, make a heavy circle. Here is an example:
Why did you leave high school?
(Clrcle one number on each IIne.)

| My <br> Reasons | NOT My <br> Reasons |
| :---: | :---: |



Many questions ask what you were doing during a specific time period; for example, "What were you doing during the first week of October 1979?" Because it has been three years since we last heard from you, we also ask some questions about what you were doing in 1977 and 1978. As you go through the questionnaire, please watch for these time reterences and make sure you are thinking about the correct time period for each question.

This questionnaire is authorized by law 20 USC 1221e-1.
The Federal Privacy Act of 1974 requires that each survey respondent be informed of the following:
(1) Solicitation of information about the respondent as detailed in the questionnaire is authorized by Section 415 of the General Education Provisions Act as amended (20 USC 1226b).
(2) The respondent is subject to no penalty for not providing all or any part of the requested intormation.
(3) The purpose for which this information is to be used is to provide statistics on a national sample of students as they move out of the American high school system into the critical years of early adulthood and relate these statistics to postsecondary educational costs and financial aid and other factors on the educational, work, and career choices of young adults.
(4) The routine uses of these data will be statistical in nature as detailed in 9 in Appendix 8 of the Department Regulations (45 CFR 56) published in the Federal Register, Vol. 40. No. 196, October 8, 1975.

When you complete this questionnaire, please place it in the post-paid, addressed envelope provided and mail it to:

## SECTION A: GENERAL INFORMATION

1. What were you doing the flrst week of October 1979?
Working for pay at a full-time or part-time job
Enrolled in graduate or protessional school .....  .1(Circle as many as apply.)
Taking academic courses at a two- or four-year college.2
Taking vocational or technical courses at any kind of schoolor college (for example, vocational, trade, business.of other career training school) .4
Serving in an apprenticeship program or government training program .....  .5
On active duty in the Armed Forces (or service academy) ..... 6
Homemaker .....  7
On iemporary layoff from work, looking for work, or waiting to report to work .....  8
Other (describe:_EIIISE .....  9
2. Where did you tive during the first week of October 1979?
Private house .....  1
Mobile home ..... 2
Private apartment ..... 3
Dormitory or apartment operated by a school or college ..... 4
Fraternity or sorority house ..... 5
Rooming or boarding house ..... 6
Military service barracks, on board ship, etc. ..... 7
Other (describe:_ES2SP .....  8
3. With whom did you live the first week of October 1979?
(Clicle one.)
By myself .....  1
With my parents .....  .2
With my husband or wile ..... 3
With parents and husband or wife ..... 4
With other relatives ..... 5
With person(s) not related to me. ..... 64. Which of the following best describes the location of the place where you lived in the first week of October1979?
In a rural or farming community .....  1
In a small city or town of fewer than 50,000 people that is not a suburb of a larger place ..... 2
In a medium-sized city ( $50,000-100,000$ people) ..... 3
In a suburb of a medium-sized city. ..... 4
In a large city ( $100,000-500,000$ people) ..... 5
In a suburb of a large city. ..... 6
In a very large city (over 500,000 people) ..... 7
In a suburb of a very large city .....  .8
A military base or station ..... 9
4. What was the main reason you chose to live where you lived in October 1979?
(Circle one.)
I have always lived here ..... 1
To look for a job ..... 2
Was transferred ..... 3
To accept a job offer. ..... 4
To go to school ..... 5
To follow my parents to a new location ..... 6
To follow my spouse to a new location ..... 7
To tollow another relative or friend to a new location ..... 8
Wanted a better place to live. ..... 9
Returned home after leaving school ..... 10
Returned home after leaving armed services ..... 11
Wanted to leave home and get out on my own ..... 12
Other (specity: ..... 13
5. How lar Is this trom the city or community where you flived in October 1976?
(Circle one.)
Does not apply to me since I live in the same city or community ..... 0
Less than 50 miles ..... 1
50 to 99 miles. .....  2
100 to 199 miles. .....  3
200 to 499 miles ..... 4
500 miles or more. ..... 5
6. How far is this from where you lived in the spring of 1972 (when you were a senlor in high school)?
(Circle one.)
Does not apply to me since l live in the same city or community .....  0
Less than 50 miles. ..... 1
50 to 99 miles. .....  2
100 to 199 miles .....  3
200 to 499 miles .....  .4
500 miles or more. .....  5
7. Which of the following lems do you now have the use of because you (or your spouse) have bought them or have been given them, or because they belong to your parents, roommates, dormitory, apartment building, etc.?
(CIrcle one number on each line.)

| Have As | Have But <br> Don't Own | Don't Have <br> Use Of |
| :--- | :---: | :---: |

a. Daily newspaper................................................... .........................2...................... 3
b. Dictionary............................................................. 1 .........................2....................... 3
c. Encyclopedia or other reterence books................ 1..........................2........................ 3

e. Record player........................................................... 1 ................................................... 3
f. Tape recorder or cassette player.......................... 1 .......................... 2........................ 3
g. Color television ...................................................... 1 .......................... 2......................... 3
h. Typewriter............................................................... 1 .......................... 2......................... 3

j. Two or more cars or trucks that run...................... 1 ......................... 2 ............................. 3
9. Now please think back a year to Fall 1978. What were you dising in Oclober 1978?
(Circle as many as apply.)
Working for pay at a full-time or part-time job .....  1
Enrolled in graduate or professional school ..... 2
Taking academic courses at a two- or tour-year college ..... ${ }^{-}$Taking vocational or technical courses at any kind of school or college(for example, vocational, trade, business, or other career training school)....... 4
On active duty in the Armed Forces (or service academy) ..... 5
Homernaker .....  6
On temporary layoff from work, looking for work, or waiting to report to work. .....  7
Other (describe: ).................... 8
10. Now please think back another year to Fail 1977. What were you doing in October 1977?
(Circle as many as apply.)
Working for pay at a full-time or part-time job .1
Enrolled in graduate or professional school ..... 2
Taking academic courses at a two- or four-year college .....  3
Taking vocational or technical courses at any kind of school or college(for example, vocational, trade, business, or other career training school)..
On active duty in the Armed Forces (or service academy) ..... 5
Homemaker.. .....  6
On temporary tayoff from work, looking for work, or waiting to report to work. .....  7Other (describe:
$\qquad$ ).................... 8

START

## SECTION B: WORK EXPERIENCE

In this section, we would like to find out about the jobs you have held, particularly in the three-year period from October 1976 through October 1979. Include full-time jobs, part-time jobs, apprenticeships, on-the-job training, military service and so on.

We are interested in learning about the kinds of jobs you have held, the hours you worked and your income from these jobs, the level of your job satistaction, and the relation of your training and education to your work experience. This information will help us better understand the movement of young people into the world of work and the reasons for changes in job situations.

FT11 11. SInce leaving high school, have you at any time held a job of any kind?
(Circle one.)
No...................... 1 GOTO Q. 63, p. 14
Yes.................... 2 CONTINUE WITH Q. 12

## LATEST JOB HELD

12. Please describe below the job you held during the flist week of October 1979, or if you did not hold a job then, the last job you held before that. (If you held more than one job at that time, describe the one at which you worked the most hours.)
a. For whom did you work? (Name of company, business organization, or other employer) (Write in):
b. What kind of business or industry was this? (For example, retail shoe store, restaurant, etc.)
(Write in):
c. What kind of job or occupation did you have in this business or industry? (For example, salesperson, waitress, secretary, etc.)
(Write in):
d. What were your most frequent activities or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in):
e. Were you:
(Circle one.)
An employee of a PRIVATE company, bank, business, school, or individual working for wages, salary, or commissions? $\qquad$ 1
A GOVERNMENT employee (Federal, State, county, or local institution or school)? ..... 2
Self-employed in your OWN business, professional practice, or farm? .....  .3
Working WITHOUT PAY in family business or farm? ..... 4
t. When did you start working at this job? _FT12FA___ (month) __ET12FB ..... (year)
g. Are you currently working at this job? (CIrcle one.)
Yes.................... 1
No...................... 2 (Date left: FT12GB month FT12GC year)
13. When you took this job, what were your reasons for taking it rather than some other job?
(Circle one number on each line.)

| My | Not My |
| :---: | :---: |
| Reasons | Reasons |

FT13A
FT13B
FT13C
FT13D
FT13E
FT13F
FT13G
FT13H
FT13I
FT13J
FT13K
FT13L 13 J ,
a. It was the kind of job for which I had trained Reasons Reasons
14. How satisfied were you with the following aspects of this job?

15. How much of a problem did the following experiences cause you in this job?
(Clrcle one number on each line.)
Little or No

| Problem or Does Somewhat of A Serious |
| :--- |
| Not Apply to Me a Problem | | Problem |
| :--- | $\mathbf{l}$

FT15A
FT15B
FT15C
FT15D
FT15E
FT15F
FT15G
FT15H FT15I

FT15J
a. Moving to another location........................................................ 1 .............................................. 3
b. Being laid off or fired..................................................................1........................2....................... 3
c. Going back to school or college................................................. 1 .........................2....................... 3
d. Getting married, having a baby, or taking on other family
responsibilities........................................................................ 1 ........................ 2.
.3



h. Being treated unfairly because of my sex................................... 1 ........................ 2 .
.2........................ 3
i. Not receiving sufficient training on the job to perform
 .3
j. Not receiving sufficient training on the job to get ahead on the job........................................................................................................... 2.
2........................ 3
16. How did your schooling relate to your experiences on this job?

FT16A ET16B
FT16C FT16D FT16E FT16F

FT16G FT16H FT16I

FT17 17. How many miles did you typically travel each day, one way, from your place of residence to this job?


JOBS HELD DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1978 THROUGH OCTOBER 1979
20. What was the lowest weekly salary or wage rate you would have accepted the last week you were looking for work?

P
18. Were you looking for work during the first week of October 1979 (regardless of whether or not you heid a job at that time)?
(Circie one.)

| No, and did NOT look for work at any time during the month of September 1979. | GOTOQ. 21 |
| :---: | :---: |
| Yes, WAS looking for work during the first week of October 1979 $\qquad$ 2 |  |
| No, but DID look for work sometime during the month of September 1979. $\qquad$ | CONTINUE WITH Q. 19 |

19. How many hours par week did you spend actively looking for work the last week you were looking for work?

work?


FT21
21. At any time during the period from the first of November 1978 through October 1979 , did you hold a job of any kind?
(Clicle one.)

| (Clicle one.) |  |  |
| :---: | :---: | :---: |
| No. | ....... 1 |  |
| Yes | . 2 |  |

22. Please think about the most recent job you held during the period from the first of November 1978 through October 1979. How many hours did you usually work at this job in an average week?
$\qquad$ hours per week
23. How did you find this job?
(Circle as many as apply.)

FT23A
FT23B
FT23C
FT23D
FT2 3E
FT23F
FT23G
FT23H
FT23I
FT23J
FT2 3K
FT23L

FT24

FT25A
FT25B
FT25C

FT25D FT26

FI27,
24. In an average week, approximately how much did you earn at this job? (Report your gross earnings before deductions. It not paid by the week, please estimate.)

S___ per week (Earnings before deductions)
25. The following are some general things that people do on their jobs. About how much time did you spend on each in the average work day on your job?
(Circle one number on each line.)

None Little Some | Very |
| :---: |
| A Great |
| Deal |

a. Working with things (machinery, apparatus, art materials, etc.). $\qquad$ .. 2.
.. 3. .. 4
b. Doing paperwork (administrative, clerical computational, etc.).
1.
$\qquad$
$\qquad$
$\qquad$
c. Working with ideas, thinking................................ $1 . . . . . . . . . . . . . . . . ~ 2 ~$
2................ 3 .4
d. Dealing with people (as part of the job)
.1................ 2
3.
. .4
27. About how many of these people worked in the same plant or office as you?
(Clicle one.)
i worked alone................................ 1
Less than 10................................ 2
10-99........................................... 3
100-499....................................... 4
500-999....................................... 5
1,000 or more.............................. 6

FT2 8 28. Please think about your supervisor or the person who had most control over what you actually dld on the job. Which of the following best describes how closely this person supervised you?

## Circle one.)

My supervisor decided both what I did and how I did it.................................................................... 1
My supervisor decided what I did, but I decided how I did it..................................................... 2
My supervisor gave me some freedom in deciding what I did and how I did it......................... 3
I was more or less my own boss within the general policies of the organization...................... 4
There was no such person............................................................................................................. 5

FT29 29. How many people dld you supervise In your job? (Include all persons whose work you supervised as well as those for whose work you were held responsible.) Enter zero, " 0 ," If you were not responslble tor anyone else's work.

## ______ people

FT30 30. Nol including on-the-job or employer training, did you receive formal instruction to do this kind of work? (Circle ane.)
No...................... 1 GOTOQ. 34
Yes.................... 2 CONTINUE WITH Q. 31
31. Where did you receive thls training?

FT31A
FT31B
FT31C
FT31D
FT31E
FT31F
FT31G
FT31H

High School
(Circle as many as apply.)
Vocational, trade, business, or other career training school .....  2
Apprenticeship or government training program ..... 3
Junior or community college .....  .4
College or university (four years or more). .....  5
Independent graduate or protessional school (medical, dental, law, theology, etc.). ..... 6
Military service. ..... 7Other (describe: _ FT31HSP

FT32. 32. Were you hired for this job because your employer knew you had been trained in a school or college to do this klnd of work?

> (Circle one.)

Yes.............................................................. 1
No. . .2

Don't know. .. 3

FT33 33. Dld the school at which you received your training for this job refer you to thls job?
(Circle one.)
Yes............................................................................................................................................... 2

FT34
34. Do you expect to be working in October 1980?
(Circle one.)
?
No.
.1
Don't know.
2 GOTOQ.36.p. 9
Yes................................................................. 3
CONTINUE WITH Q. 35

FT35 35. Do you plan to work at the SAME KIND OF WORK?
(CIrcle one.)
Yes................................................................ 1
No................................................................. 2
Don't know.................................................... 3
36. Were you working at a second job during the period from the first of November 1978 through Oclober 1979 at the SAME TIME you held the job you descrlbed above?
(Clicle one.)

|  | , |  |
| :---: | :---: | :---: |
| No.. | 1 | GOTO Q. 39 |
| Yes | 2 | CONTINUE WITH Q. 37 |

37. How many hours did you usually work at thls second job in a average week?
$\qquad$ nours per week
38. In an average week, approximately how much did you earn at this second job? (Report your gross earnings before deductlons. It not pald by the week, please estimate.)
\$ $\qquad$ per week (Earnings before deductions)
39. Did you hold a job of any kind during the first week of October 1979?
(Circle one.)
Yes, working full-time (35 hours or more per week).................................................................... 1
Yes, working part-time ( 34 hours or fewer per week)
. 2
Yes, but on temporary layoff from work or waiting to report to work......................................... 3
No. .4

## JOBS HELD DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1977 THROUGH OCTOBER 1978

42. Please think about the most recent job you heid during the period trom the first of November 1977 through October 1978. How many hours dld you usualiy work at this job in an average week? hours per week
43. Now please think back a year. Were you looking for work during the first week of October 1978 (regardless of whether or not you held a job at that time)?

44. At any time during the period from the first of November 1977 through October 1978, did you hold a job of any kind?

## (Circle one.)

| No............................................................................... | COTO Q. 50, p. 11 |
| :--- | :--- |
| CONTINUE WITH Q. 42 |  |

Yes.
2 CONTINUE WITH Q. 42

43. In an average week, approximately how much did you earn at this job? (Report your gross earnings betore deductions. It not paid by the week, please estimate.)
$\$$ $\qquad$ per week (Earnings before deductions)

FT44 44. Is this the same job you reported in Q. 12?
(Circle one.)
Yes............................................................................. CO TO Q. 46
CONTINUE WITH Q. 45
45. Please describe below the most recent job you held during the period from the first of November 1977 through October 1978. (If you heid more than one job at that time, describe the one at which you worked the most hours.)
a. For whom did you work? (Name of company, business organization, or other employer) (Write in): $\qquad$
b. What kind of business or industry was this? (For example, retail shoe store, restaurant, etc.) (Write in) $\qquad$
FT45A-D c. What kind of job or occupation did you have in this business or industry? (For example. salesperson, waitress, secretary, etc.)
...(Write in):
d. What were yourmost frequentactivities or duties on this job? (For-example, selling shoes, waiting-on tables, typing and filing, etc.)-
(Write in):
e. Were you:

An emplojee of a PRIVATE company, bank, business, school or individual working for wages, salary, or commissions? . .1
A GOVERNMENT employee (Federal, State, county, or local institution or school).................. 2
Self-employed in your OWN business, professional practice, or farm? ... 3
Working WITHOUT PAY in family business or farm?
.4
f. When did you start working at this job? FT4.5FA___(month)__FT45ER____ (year)


FT46 46. Were you working at a second 100 during the period from the first of November 1977 through October 1978 at the SAME TIME you held the job you described above?
(Circle one.)
No
............................................ 1 GO TO Q. 49
Yes........................................... 2 CONTINUE WITH Q. 47

FT47 47. How.many hours did you usually work at this second job in an average week?
$\qquad$ hours per week

FT48 48. In an average week, approximately how much did you earn at thls second job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)
$\$$ $\qquad$ per week (Earnings before deductions)
49. Did you hold a job of any kind during the month of October 1978?
(CIrcle one.)
Yes, worked full-time ( 35 hours or more per week).
.. 1
Yes, worked part-time ( 34 hours or fewer per week) .................................................. 2
Yes, but on temporary layoff from work or waiting to report to work.......................... 3
No
.4

## JOBS HELD DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1976 THROUGH OCTOBER 1977

FT50 50. Now please think back another year. Were you looking for work during the first week of October 1977 (regardless of whether or not you held a job at that time)?
(Circle
Nos........................................................................................................................... 1
No. DID look for work sometime during the month of September 1977............. 2

No, and did NOT look for work at any time during the month of September 1977.... 3

FT51 51. At any time during the period from the first ol November 1976 through October 1977, did you hold a job of any kind?

## (Circle one.)

| No................................... 1 | GO TO Q. 60, p. 13 |
| :--- | :--- |
| Yes........................... 2 | CONTINUE WITH Q. 52 |

FT52 52. Please think about the most recent job you held during the period from the first of November 1976 through October 1977. How many hours did you usually work at this job in an average week?


FT5 3 53. In an average week, approximately how much did you earn at this job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)
$\$$ $\qquad$ per week (Earnings before deductions)
54. Is this the same job you reported in 0.45 (or in $\mathbf{Q} .12$ If you did not answer $\mathbf{Q} .45$ )? (Circle one.)
Yes...................................................................................... GO TO Q.56, p. 12
No......
CONTINUE WITH Q. 55, p. 12
55. Please describe below the most recent job you heid during the perlod from the lirst of November 1976 through October 1977. (It you held more than one job at that time, describe the one at which you worked the most hours.)
a. For whom did you work? (Name of company, business organization, or other employer)
(Write in):
b. What kind of business or industry was this? (For example, retail shoe store, restaurant, etc.)
(Write in):
c. What kind of job or occupation did you have in this business or industry? (For example, salesperson, waitress, secretary, etc.)
(Write in):
d. What were your most frequent activities or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in):
FTS5E
e. Were you:
(CIrcle one.)
An employee of a PRIVATE company, bank, business, school, or individual working for wages, salary, or commissions?
A GOVERNMENT employee (Federal, State, county, or local institution or school)?................ 2
Self-employed in your OWN business, professional practice, or farm?.................................... 3
Working WITHOUT PAY in family business or farm? ............................................................... 4
f. When did you start working at this job? FI55FA_(month)_FT55FB___(year)


FT56 56. Were you working at a second job during the perlod trom the first of November 1976 through October 1977 at the SAME TIME you held the job you described above?
(CIrcle one.)
No.......................................... 1 GO TO Q. 59
Yes........................................... 2 CONTINUE WITH Q. 57

FT57 57. How many hours did you usually work at this second job in an average week?
$\ldots$ hours per week

FT58 58. In an average week, approximately how much did you earn at thls second job? (Report your gross earnings before deductions. If not paid by the week, please estimate.)
$\$ \ldots \ldots$.__ per week (Earnings before deductions)

FTS9
59. Old you hold a job of any kind during the month of October 1977?
(Circle one.)
, Yes, worked full-time (35 hours or more per week)........................................................... 1
Yes, worked part-time ( 34 hours or fewer per week)......................................................... 2
Yes, but on temporary layoff from work or waiting to report to work.................................. 3
No...................................................................................................................................... 4

## JOB PROGRESS

60. During the three 52-week periods from (a) October 1976 to October 1977, from (b) October 1977 to October 1978, and from (c) October 1978 to October 1979, how many employers did you work for altogether? (For each time period, count each employer only once, even If you had different jobs tor the same employer.) Enter zero, " 0 ," if you had no employer.

Number of
Employers
a. October 1976 to October 1977. $\qquad$
b. October 1977 to October 1978
c. October 1978 to October 1979
61. During the same three 52-week periods from (a) October 1976 to October 1977, from (b) October 1977 to October 1978, and Irom (c) October 1978 to October 1979, about how many weeks did you work altogether? (Count all weeks in which you did any work at all or were on paid vacallon.) Enter zero, " 0 ," if there were no such weeks.

Number of
Weeks Worked

FT61A
FT61B
FT61C
a. October 1976 to October 1977
b. October 1977 to October 1978
c. October 1978 to October 1979
62. In each of these 52-week periods Irom (a) October 1976 to Oclober 1977, from (b) October 1977 to October 1978, and from (c) October 1978 to October 1979, for how many weeks were you NOT working but looking for work, on layoff trom a job, or waiting to report to work? Enter zero, " 0 ," If there were no such weeks.

Number of weeks NOT Working but Looking for Work, on Layoff from a Job, or Wailling to Report to Work
a. October 1976 to October 1977. $\qquad$
b. October 1977 to October 1978
c. October 1978 to October 1979.

## CAREER PLANS

FT63A63. What kind of work will you be doing when you are 30 years old? (Circle the one that comes closest to what you
FT63B expect to be doing.)
(Circle one.)
a. CLERICAL such as bank teller, bookkeeper, secretary, typist, mail carrier, ticket agent............... 1
b. CRAFTSMAN such as baker, automobile mechanic, machinist, painter, plumber, telephone installer, carpenter

2

d. FULL-TIME HOMEMAKER. 4
e. LABORER such as construction worker, car washer, sanitary worker, farm labore........................................................................................................
f. MANAGER, ADMINISTRATOR such as sales manager, office manager, school administrator, buyer, restaurant manager, government official.

6
g. MILITARY such as career officer, enlisted man or woman in the Armed Forces.....................................................................................
h. OPERATIVE such as meat cutter, assembler, machine operator, weider, taxicab, bus, or
truck driver, gas station attendant...................................................................................... 8
i. PROFESSIONAL such as accountant, artist, registered nurse, engineer, librarian, writer, social
worker, actor, actress, athlete, politician, but not including public school teacher................... 9
j. PROFESSIONAL such as clergyman, dentist, physician, lawyer, scientist, college teacher........... 10
k. PROPRIETOR OR OWNER such as owner of a small business, contractor, restaurant owner ...... 11
l. PROTECTIVE SERVICE such as detective, police officer or guard, sheriff, fire fighter.................. 12
m. SALES such as salesperson, advertising or insurance agent, real estate broker ........................... 13
n. SCHOOL TEACHER such as elementary or secondary................................................................ 14
o. SERVICE, such as barber, beautician, practical nurse, private housenold worker,
janitor, waite................................................................................................................... 15
p. TECHNICAL such as draftsman, medical or dental technician, computer programmer................. 16
q. NOT WORKING ........................................................................................................................... 17

FT64 64. Do you think you will need more education, training, or schooling than what you have at present in order to obtain this kind of work or to advance as you would like in your job or career?
(CIrcle one.)
Yes.
.
No........................................... 2
Don't know.............................. 3

FT65
65. How satisfled are you with the progress you have made towards doing the kind of work you expect to be doing when you are 30 years old?
(Circle one.)
. Very satisfied............................ 1
Satisfied..................................... 2
Dissatisfied,
Very dissatistied...................... 4

## SECTION C: EDUCATION AND TRAINING

This section asks information about your training and education. We would like to find out about the schools you have attended during the last three years, from October 1976 to October 1979. This information, combined with information you have given us in earlier follow-ups, will help to give us a complete picture of your educational experiences since high school. (Persons in the military service should also answer the questions in this section.)

## EDUCATIONAL EXPERIENCES AND PLANS

66. As of the first week of October 1979, how many years of education had you received at vocational, trade, or business schools?
(CIrcle one.)
This does not apply to me since I have not attended a vocational, trade, or business school ... 0
Some, but less than two years ..... 1
Two years or more. .....
67. As of the first week ol October 1979, what was your highest level of college education?This does not apply to me since I have not attended college.
Some, but less than two years of college ..... 1
Two or more years of college. .....  2
Finished college (four- or five-year degree) .....  3
Master's degree or equivalent .....  .4
Ph.D. or advanced professional degree. ..... 5
68. As things stand now, how far in vocational, trade, or business school do you think you actually will get?(Circie one.) 1
Some. but less than two years. .....  2
Two years or more ..... 3
69. As things stand now, how tar in college do you think you actually will get?
I do not think I will attend at all ..... 1
Some but less than two years of college .....  2
Two or more years of college .....  3
Finish college (four- of tive-year degree). .....  4
Master's degree or equivaient .....  5
Ph.D. or advanced protessional degree. .....  .6 0
70. In considering your further education, which of the following statements are true?
(CIrcle one number on each line.)

| Is True | is Not |
| :--- | :---: |
| For Me | True for Me |

FT70A FT70B FT70C FT70D
FT70E
FT70F
FT70G FT70H FT70I

FT71A
FT71B FT71C FT71D

FT71E FT71F FI71G FT71H FT71I FT71.J
a. I am interested in further education
1..................... 2
b. I have family responsibilities that would intertere with my further education.............. 1..................... 2

d. My present job prospects are good enough without further education........................1...................... 2


1. I am not sure what occupation I want to pursue ........................................................ 1..................... 2
g. I am tired of school.......................................................................................................................... 2
h. I do not think my academic background is good enough for me to attempt further education.
.1.................... 2

2. How important would each of the tollowing tactors be in your choice of where to go for more schooling?
(Circle one number on each line.) -

| Determining |  | Not | Would |
| :---: | :---: | :---: | :---: |
| Factor | Important | Important | NOT |

a. Cost of attending.......................................1..................................................................... 4
b. Amount of financial aid available................1.......................2......................3....................... 4
c. Recommendation of undergraduate protessor.................................................1.......................2.............................................. 4
d. Presence of a particular prolessor at

. $3 . . . . . . . . . . . . . . . . . . . . . . ~ 4 ~ 4 ~$
e. Quality of a particular department...............1.......................2......................3....................... 4
f. Reputation of the institution........................1......................2.......................3...................... 4
g. Location.....................................................1.......................2.......................3...................... 4
h. Library facilities ...........................................1......................2.............................................. 4
i. Proximity to spouse's school/work.............1.......................2....................... 3.
i. Other (specily:_FT71JSP __ )..... 1 .......................2.......................3...................... 4
72. Which of the following statements describes your experience during your last year in school?
(Circle one number on each line.)
Was My Was Not My
Experience Experience

FT72A
FT72B
FT72C
FT72D
FT72E
FT72F
FT72G
FT72H
a. The courses were more difficult than I expected.......................................... $1 \ldots \ldots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~$
c. Gaod job opportunities existed in the field

d. The course content differed from what I expected......................................... 1 ........................ 2
e. I found the course work interesting................................................................... 1 ......................... 2
f. I performed well academically...................................................................................................... 2
g. I learned a great deat from the education of training...................................... 1 ........................ 2
h. I met people with new ideas ........................................................................................................... 2
73. Which of the following caused problems with your schooling during your last year in school?
(CIrcle one number on each line.)

| Caused | Did Not |
| :---: | :---: |
| Problems | Cause Problems |
| ForMe | For Me |

FT73A FT73B FT73C FT73D

FT73E FT73F

FT73G FT73H FT73I FT73J FT73K

FT73L

b. I was working full-time....................................................................................... 1
1..................... 2
c. I was working part-time
1....................... 2
d. I got married, had a baby, or took on other family responsibilities
1....................... 2
e. I was undecided about career plans................................................................. 1
.. 2
f. There was too much pressure or strain with my load of school work
1....................... 2
g. I wanted to be at a larger school....................................................................... ....................... 2
h. I wanted to be at a smalier school
1.
i. I wanted to attend a school closer to home.............................................................................. 2
i. I wanted to attend a school farther from home.................................................. 1
1....................... 2
k. The school program was not relevant to the work I wanted to do
1....................... 2
f. I was failing or not doing as well as I wanted
. ....................... 2
74. With regard to your education and tralning during the last year you were in school, how satisfied as a whole were you with the following?
(Circle one number on each line.)

a. The ability, knowledge, and persona! qualities of most teachers.....................................................2................3................4................ 5
b. The social lite........................................................... 1 ................2................3................ 4
c. Development of my work skills................................ 1 ...............2............... 3 ............... 4 ............... 5

e. Counseling or job placement....................................1................2................3................4................ 5
f. The buildings, library, equipment, etc......................1................2................3................4................ 5
g. Cultural activities, music, art, drama, etc..................1 ................2................3................4................ 5
h. The intellectual lite of the school..............................1................2................3................4................ 5
i. Course curriculum...................................................1.................................3................4................ 5
j. The quality of instruction..........................................................2................3................4................ 5

I. The financial cost of attending .................................1................2................3................4................ 5
m . The prestige of the school........................................................2................ $3 . . . . . . . . . . . . . . . . ~ 4 ~$
4................ 5
75. Since high school, had you earned any certilicate, license, diploma or degree of any kind prior to October 1979?
(Circle one.)
No....................................................................... TO TO Q. 77, p. 18
CONTINUE WITH Q. 76. p. 18
76. What kind of certiticate, license, diploma or degree had you earned?

|  | (Circle as many as apply.) | Date <br> Received Month Year | Area of Certificate, License, or Degree (For Example, Real Estate License, Shorthand Certificate, Degree in History) |
| :---: | :---: | :---: | :---: |
| FT76AA <br> FT76BA | A certificate.................................................. 1 | ET76AB 19 ET 76 AC | C FTT6AD |
|  | A license....................................................... 2 | FT76BB 19 FT76BC | FT76BD |
| FT76CA | A 2-year or 3-year vocational degree or diploma $\qquad$ 3 | FT76CB_19 ET76 | ET76CD |
| FT76DA | A 2-year academic degree................................ 4 | FT76DB 19 FT 76 DC | FT76DD |
| FT76EA | A 4-year or 5-year college Bachelor's degree....... 5 | ET76EB_19ET76E | FT76ED |
| FT76FA | A Master's degree or equivalent......................... 6 | FT76FB 19 ET 76 FC | ET76FD |
| FT76GA | Other (specify:___ )... 7 | FT76SR_19 ET76GC | C. FI76GD |

77. Since leaving high school, about how many credits which can be used for a 4 -year coilege Bachelor's degree had you earned by October 1979? Enter zero, " 0 ", where you received no credits. (Write in. Use more than one line if applicable.)
a.___ Number of quarter hours
b.___ Number of semester hours
c. $\quad$ Number of other type of credits
(specity type: FT77CSR )

SCHOOL ATTENDANCE DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1976 THROUGH OCTOBER 1979

FT78 78. During the three-year period from the first of November 1976 through October 1979, were you enrolled in or did you take classes at any school such as a college or university, graduate or professional school, service academy or school, business school, trade school, technical institute, vocational school, community college, and so forth?
(Clicle one.)


## SCHOOL ATTENDANCE DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1978 THROUGH OCTOBER 1979

83. During the last month you clrcled $\ln \mathrm{Q} .80$, were you classified by this school as a full-time student?
(Clicle one.)
Yes ...................................... 1
No............................ 2
Don't know. 3
84. During the perlod from the first of November 1978 through October 1979, were you enrolled in or did you take classes at any school such as a coilege or university, graduate or professional school, service academy or school, business school, trade school, community college, and so forth?
(Circle one.)

| No.................................. 1 | COTOQ. 91, p. 21 |
| :--- | :--- |
| Yes..................... 2 | CONTINUE WITH Q. 80 |

80. During the period from the first of November 1978 through October 1979, which month(s) did you attend school?
(Circle all that apply.)
November 1978
1
December 1978
2
January 1979.......................................... 3
February 1979......................................... 4
March 1979............................................. 5
April 1979............................................... 6
May 1979................................................. 7
June 1979.............................................. 8
July 1979................................................. 9
August 1979............................................ 10
September 1979...................................... 11
October 1979............................................ 12
81. What Is the exact name and location of the school you attended the last month that you circled In Q. 80?

82. What kind of school was the last school you attended during the period from the first of Noyember 1978 through October 1979 (the school you listed in 0.81 )?
(Circle one.)
Vocational, trade, business, or other career training school.................................................. 1
Junior or community college (two-year)................................................................................ 2
College or university (four years or more)............................................................................. 3
Independent graduate or protessional school (medical, dental, law, theology, etc.)............... 4
Other (describe: ET82SP_____.................._ 5
83. During the last month you circled in 0.80 , about how many hours a week did your classes meet in the subjects or courses in which you were enrolled? Include time in lectures, shop, laboratories, etc.
84. At that time how were you classified by your school?

|  | (Circle one.) |
| :---: | :---: |
| Freshman (first-year undergraduate student) |  |
| Sophomore (second-year undergraduate student). | 2 |
| Junior (third-year undergraduate student). | . 3 |
| Senior (fourth-year undergraduate student). |  |
| Graduate or protessional student. |  |
| Special student. |  |
| Other classilication (specity: |  |
| My school doesn't classify s |  |

86. In the last month you circled in $\mathbf{Q}$. 80, what was your actual or intended field of study or training area (for example, practical nurse, machinist, beautclan, civil engineering, accounting, psychology, home economics, etc.)?

## Please name the speclific field or area:

(Write in)
87. Please select below the category which best describes this field or area.
(Clrcle one.)
Agriculture or Home Economics..................................................................................................... 1
Business (accounting, marketing, personnel management, etc.)...................................................... 2
Office and Clerical (bookkeeping, stenography, general office, etc.) ................................................ 3
Computer Technology (keypunch operator, programming, computer operations, etc.).................... 4
Educatlon (elementary, special, physical, etc.)................................................................................. 5
Engineering (civil, electrical, mechanical, etc.)................................................................................. 6
Mechanical and EngIneering Technology (automotive mechanic, machinist. construction, dratting, stectronics, etc.)

7
Humanities and Fine Arts (music, religion, English, etc.).................................................................. 8
Health Services (nursing, lab technician, occupational therapy, etc.)............................................... 9
Public Services (law enforcement, food service, recreation, beautician, etc.)................................... 10
Physical Sciences and Mathematlcs (physics, geology, chemistry, etc.).......................................... 11
Soclal Sciences (psychology, history, economics, sociology, etc.)................................................... 12
Biological Sciences (zoology, physiology, anatomy, etc.)................................................................ 13
Protessional Program (medicine, dentistry, law, theology, etc.)........................................................ 14
Other tield or area (specity:__FT87SP ___.................. 15
Undeclded ......................................................................................................................................................................
86. This (above) is:
(Circle one.)
A vocational program.............................................................. 1
An academic program.............................................................. 2
A professional program........................................................... 3
Other (specity: FT88SP )..................... 4
89. In the last month you circied In Q. 80, for what kind of certlicate, license, diploma, or degree were you studying?
90. During the last month you clreled in Q. 80, did you work for the school you were attending?
(CIrcle one.)
Yes, working for pay
... 1
Yes, working off cost of tuition, housing, or meals........................ 2
Yes, both of the above................................................................. 3
No................................................................................................ 4

## SCHOOL. ATTENDANCE DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1977 THROUGH OCTOBER 1978

91. During the period from the lirst of November 1977 through October 1978, were you enrolled in or did you take classes at any school such as a college or university, graduate or protessional school, service academy or school, business school, trade school, communlty college, and so forth?
(Circle one.)

92. During the period from the flrst of November 1977 through October 1978, which month(s) did you attend schaol?
(Circle all that apply.)
November 1977.......................................... 1
December 1977.......................................... 2
January 1978.............................................. 3
February 1978............................................ 4
March 1978................................................. 5
April 1978.................................................... 6
May 1978..................................................... 7
June 1978.................................................. 8
July 1978...................................................... 9
August 1978................................................ 10
September 1978........................................ 11
October 1978. .12
93. What is the exact name and location of the school you attended the last month that you circled in 0.92 ?
School name:___ FT9 3A (FICE CODE) FT93SCH


FT94 94. What kind of school was the last school you attended during the period from the first of November 1977 through October 1978 (the school you listed in Q. 93)?

## (Circle one.)

Vocational, trade, business, or other career training school............................................ 1
Junior or community college (two-year) .............................................................................. 2
College or university (four years or more)......................................................................... 3
Independent graduate or professional school (medical, dental, law, theology, etc.)...... 4
$\qquad$

FT95 95. During the last month you circled in $\mathbf{Q} .92$, were you classified by this school as a full-time student?
(Circle one.)
Yes............................................ 1
Don't know ............................. 3

FT96 96. During the last month you clrcled in $\mathbf{Q} .92$, about how many hours a week did your classes meet in the subjects or courses in which you were enrolled? include time in lectures, shop, laboratories, etc.
$\qquad$ hours per week
97. At that time how were you classifled by your school?
(Circle one.)
Freshman (first-year undergraduate student)
Sophomore (second-year undergraduate student)....................................................... 2
Junior (third-year undergraduate student) ..................................................................... 3
Senior (fourth-year undergraduate student).................................................................. 4
Graduate or protessional student................................................................................. 5
Special student................................................................................................................ 6
Other classification (specify:__________..................._____ 7
My school doesn't classity students................................................................................ 8

FT98 98. In the last month you circled In Q. 92, what was your actual or intended field of sludy or training area (for example, practical nurse, machinisi, beaulician, clvil engineering, accounting, psychology, home economics, etc.)?

Please name the speclific field or area:
(Write in):
99. Please select below the category which best describes this fleld or area.

Agriculture or Home Economics............................................................................................. 1
Business (accounting, marketing, personnel management, etc.).......................................... 2
Office and Clerical (bookkeeping, stenography, general office, etc.)..................................... 3
Computer Technology (keypunch operator, programming, computer operations, etc.)....... 4
Educatlon (elementary, special, physical, etc.)........................................................................ 5
Engineering (civil, electrical, mechanical, êtc.)......................................................................... 6
Mechanical and Engineering Technology (automotive mechanic, machinist.
construction, drafting, electronics, etc.)............................................................................ 7
Humanities and Fine Arts (music, religion, English, etc.)........................................................ 8
Health Services (nursing, lab technician, occupational therapy, etc.).................................... 9
Public Services (law enforcement, food service, recreation, beautician, etc.)........................ 10
Physical Sclences and Mathematics (physics, geology, chemistry, etc.)............................... 11
Social Sciences (psychology, history, economics, sociology, etc.)......................................... 12
Biological Sciences (zoology, physiology, anatomy, etc.)........................................................ 13
Professional Program (medicine, dentistry, law, theology, etc.).............................................. 14
Other field or area (specify: FT99SP )......... 15
Undecided................................................................................................................................... 16

FT100 100. This (above) Is:
(Circle one.)
A vocational program............................................................................ 1
An academic program................................................................................ 2
A protessional program................................................................... 3
Other (specity:.
101. In the last month you circled In 0.92 , for what kind of certificate, license, diploma, or degree were you studying?
(Clrcie as many as apply.)
FT101A
FT101BA A certificate (specify in what: FT101BB _.... 2
FT101CA A license (specify in what: FT101CB
FT101D A two-year or three-year vocational degree or diploma................................................................ 4
FT101E A two-year academic degree........................................................................................................ 5
FTIO1F A four-year or tive-year college Bachelor's degree........................................................................ 6
FT101G A Master's degree or equivalent....................................................................................................... 7
FT101H A Ph.D. or equivalent.................................................................................................................. 8
FT101IA An M.D., L.L.B., B.D., D.D., D.D.S., or equivalent

FT101JA Other (specity:_FT101JB

FT102 102. During the last month you circled in Q. 92, did you work for the school you were attending?
(Clicle one.).
Yes, working for pay
Yes, working off cost of tuition, housing, or meals................ 2
Yes, both of the above............................................................. 3
No.............................................................................................. 4

## SCHOOL ATTENDANCE DURING THE PERIOD FROM THE FIRST OF NOVEMBER 1976 THROUGH OCTOBER 1977

FT103 103. During the period from the first of November of 1976 through October 1977, were you enrolled in or did you take classes at any school such as a college or university, graduate or professlonal school, service academy or school, business school, trade school, communlty college, and so forth?
(Clicle one.)

104. During the period from the first of November 1976 through October 1977, which month(s) did you attend school?

FT104A FT104B FT104C FT104D FT104E FT104F FT104G FT104H FT104I FT104J FT104K FT104L
107. During the last month you circled in $Q$. 104, were you classifled by this school as a full-time student?
(Clicle one.)

| Yes | $\text { ......... } 1$ |
| :---: | :---: |
| No.. | ........ 2 |
| Don |  |

FT108 108. During the last month you circled in 0. 104, about how many hours a week did your classes meet in the subjects or courses In which you were enrolled? Include time in lectures, shop, laboratories, etc.
$\qquad$ hours per week
109. At that time how were you classified by your school?
(Circle one.)
Freshman (first-year undergraduate student)........................................................... 1
Sophomore (second-year undergraduate student).................................................. 2
Junior (third-year undergraduate student)................................................................ 3
Senior (fourth-year undergraduate student)............................................................. 4
Graduate or professional student................................................................................... 5
Special student................................................................................................................ 6
Other classification (specify:________......................_._____ 7
My school doesn't classity students................................................................................ 8

FT110 110. In the last month you circled in Q. 104, what was your actual or intended fieid of study or tralning area (for example, practical nurse, machinist, beautician, civll engineering, accounting, psychology, home economics, etc.)?

Please name the specific field or area:
(Write in)
111. Please select below the category which best describes this field or area.

Agriculture or Home Economics............................................................................................................. 1
Business (accounting, marketing, personnel management, etc.).......................................................... 2
Office and Clerical (bookkeeping, stenography, general office, etc.) .................................................. 3
Computer Technology (keypunch operator, programming, computer operations, etc.)...................... 4
Education (elementary, special, physical, etc.)..................................................................................... 5
Engineering (civil, electrical, mechanical, etc.)...................................................................................... 6
Mechanical and Engineering Technology (automotive mechanic, machinist, construction.
drafting, electronics, etc.)............................................................................................................... 7
Humanilles and Fine Arts (music, religion, English, etc.)...................................................................... 8
Health Services (nursing, lab technician, occupational therapy, etc.) .................................................. 9
Public Services (law enforcement, food service, recreation, beautician, etc.)...................................... 10
Physical Sciences and Mathematics (physics, geology, chemistry, etc.)............................................. 11
Soclal Sciences (psychology, history, economics, sociology, etc.)........................................................ 12
Blological Sciences (zoology, physiology, anatomy, etc.)..................................................................... 13
Professional Program (medicine, dentistry, law, theology, etc.)............................................................. 14
Other field or area (specity: FT111SP ) ..................... 15
Undecided................................................................................................................................................. 16

FTI12 112. This (above) is:
(Circle one.)
A vocational program................................................................................................ 1
An academic program............................................................................................. 2
A protessional program........................................................................................... 3
Other (specify:_______......................_ 4
113. In the last month you circled in $\mathbf{Q}$. 104, for what kind of certificate, license, diploma, or degree were you studying?

|  |  | (Circle as many as apply.) |
| :---: | :---: | :---: |
| FT113A | None | ....................... 1 |
| FT113BA | A certificate (specify in what: FTI 3 3BB | -_)... 2 |
| FT113CA | A license (specify in what:_ET1.13CB | -)... 3 |
| F'C113D | A two-year or three-year vocational degree or diploma.. | ....... 4 |
| FT113E | A two-year academic degree. | 5 |
| FTl13F | A four-year or tive-year college Bachelor's degree. | 6 |
| FT113G | A Master's degree or equivalent | 7 |
| FT113H | A Ph.D. or equivalent..................... | 8 |
| FT113IA | An M.D., L.L.B., B.D., D.D., D.D.S., or equivalent (specify degree: FT113IB |  |
| FT113JA |  | )... 10 |

FT114 114. During the last month you circled in Q. 104, did you work for the school you were attending?
(Clicle one.)


## GRADES AND CHANGES IN EDUCATIONAL PLANS

FTII5 115. Estimate how well you have done in all of your coursework or programs during the period from the first of November 1976 through October 1979. Do not include grades from graduate or protessional school.

## (Circle one.)

Mostly A (3.75-4.00 grade point average)
. 1
About half $A$ and half $B$ (3.25-3.74 grade point average)...................................... 2
Mostly B (2.75-3.24 grade point average).............................................................. 3
About half $B$ and half $C$ (2.25-2.74 grade point average)...................................... 4
Mostly C (1.75-2.24 grade point average).............................................................. 5
About half $C$ and half $D$ (1.25-1.74 grade point average)...................................... 6
Mostly D.or below (less than 1.25)......................................................................... 7
Have not taken any courses for which grades were given.................................... 8
116. How many times has your field of study changed since October 1976, three years ago? (Enter zero, "0," if it has not changed.)
$\qquad$

FTI1 1 117. How many times have you changed schoois since October 1976, three years ago? (Enter zero, "O," if you have not changed schools.)

FT118 118. Since October 1976, have you withdrawn from any school belore you completed your studies at that school? (Circle one.)
No......................................................................................... 1
Yes, but I have since returned to school.................... 3
Yes, but I plan to return before October 1980............. 3
Yes, and I do not plan to return belore October 1980...... 4 \}
GOTO Q. 120
.
CONTINUE WITH Q. 119

FT119 119. How many times since October 1976 have you withdrawn from school before you completed your studies at that school?
$\qquad$ times

## SCHOOL FINANCES FROM FALL 1976 THROUGH SUMMER 1979

The following questions ask about your school finances for the three time periods of (a) Fall 1976 through Summer 1977. (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979. Please make sure you answer $\overline{\text { each }}$ question for all three time periods. If you are unsure about the actual dollar amount for a particular item, give your best estimate.
120. Considering the three time periods of (a) Fall 1976 through Summer 1977, and (b) Fall 1977 through Summer 1978, and (c) Fa!l 1978 through Summer 1979, what is your estimate of how much it cost you for luition and lees to go to school, regardiess of who pald? Estimate the amounts and record them below. Do not include costs after Summer 1979. Enter a zero, " 0 ," where you had no expenses.

| (a) <br> Fall 1976- <br> Summer 1977 | (b) <br> Summer 1978 <br> (Write in amounts.) | (c) <br> Fall 1978. |
| :---: | :---: | :---: |
| Summer 1979 |  |  |

121. Considering the three time periods of (a) Fall 1976 through Summer 1977, and (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979, what is your estlmate of the total cost for you to go to schooi, regardiess of who paid? This total cost should include fultlon and fees, books and supplies, transportation to and from classes, and all other school-related expenses. Enter a zero, " 0 ," where you had no expenses.

|  | (a) <br> Fall 1976Summer 1977 | (b)Fall 1977. <br> Summer 1978(Write In amounts.) | (c) <br> Fall 1978. <br> Summer 1979 |
| :---: | :---: | :---: | :---: |
| Total cost for you to go to school.. | \$FT121A | \$FT121B | FT121C |

122. Consldering the three time perlods of (a) Fall 1976 through Summer 1977 and (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979, did you receive any kind af scholarship, tellowship, grant, or beneflts (not a loan) to go to school?
(Circle all that apply.)
FTl22A
FT122B
FT122C
FT122D
No.
No........................................... .. 1
Yes, Fall 1976-Summer 1977 . 2
Yes, Fall 1977-Summer 1978................. 3
Yes, Fall 1978-Summer 1979 $.4\}$ GOTOQ. 125
CONTINUE WITH Q. 123
123. What kind(s) of scholarship, fellowshlp, grant, or benelit (not a loan) did you receive trom (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979?

| (a) | (b) | (c) |
| :---: | :---: | :---: |
| Fall 1976- | Fall 1977- | Fall 1978- |
| Summer 1977 | Summer 1978 | Summer 1979 |


124. Estlmate the total dollar value of the amount you received from scholarships, fellowships, grants, or benefits (not a loan) trom (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979. Enter a zero, "0," where you received no such funds.

|  | (a) <br> Fall 1976Summer 1977 | (b) <br> Fall 1977. <br> Summer 1978 <br> (Write in amounts.) | (c) <br> Fall 1978Summer 1979 |
| :---: | :---: | :---: | :---: |
| total dollar value. | \$ FT124A | \$ FT1 24B | FT124C |

125. Consldering the same three perlods from (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979, did you receive a loan to go to school?

## (Circle ail that apply.)

$\left.\begin{array}{l}\text { No........................................................ } 1 \\ \text { Yes, Fall 1976-Summer 1977.............. } 3 \\ \text { Yes, Fall 1977-Summer 1978............ } 3 \\ \text { Yes, Fall 1978-Summer 1979............. } 4\end{array}\right\}$ GO TO Q. I28, p. 29
CONTINUE WITH Q. 126, p. 29
126. From which of the following sources did you receive a loan to go to school from (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979?

| (a) (b) <br> Fall 1976:$\quad$(c) <br> Summer 1977 <br> Summer 1978 |
| :---: |

(Circle all that apply.)

127. Estlmate the total dollar value of the amounts you received as loans to go to school from (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979. Enter a zero, "0," where you recelved no loans.

| (a) <br> Fall 1976. | (b) <br> Fummer 1977 1977- <br> Summer 1978 | (c) <br> Fall 1978- <br> Summer 1979 |
| :---: | :---: | :---: |
| (Write in amounts.) |  |  |

128. Considering the three time periods of (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979, did you receive financial assistance (not a loan) Irom any relatives or iriends to go to school?
(Clicle aff that apply.)
FT128A
(a)
Fall 1976.
$\underline{\text { Summer } 1977}$

Fall 1977-
Summer 1978

S FT127B SET127C
129. From which of the folfowing sources did you receive financlal assistance (not a loan) to go to school?

130. Estimate the fotal dollar value of the amount of financial assistance (not a loan) you received from any relatives or iriends to go to school. Enter a zero, " 0 ," where you received no financial assistance.

| (a) |
| :---: |
| Fall 1976. |
| Summer 1977 |

## (b)

Fall 1977-
Summer 1978 (Write in amounts.)
(c)

Fall 1978.
Summer 1979
\$ _ET130A
131. Considering the same three periods from (a) Fall 1976 through Summer 1977, (b) Fall 1977 through Summer 1978, and (c) Fall 1978 through Summer 1979, did you pay any of the costs to go to school Irom money you had sayed or earned?

FT131A
(Circle all that apply.)
No
.. 1
GOTO Q. 13-4
Yes. Fall 1976-Summer 1977
2
Yes, Fall 1977-Summer 1978
. 3
CONTINUE WITH Q. 132
132. What was (were) the source(s) of the money you paid to go to school from the money you had saved or earned?

| (a) | (b) | (c) |
| :---: | :---: | :---: |
| 11976 | Fall 1977 | Fall 197 |
| Summer 1977 | Summer 1978 | Summer |

(Circle all that apply.)
Own savings from money $I$ earned betore I started tio
postsecondary school.................................32AA ..... FT1 32AB . FT1 32AC
Own earnings (including summer earnings) since I
started to school but not while taking courses FT1 32B@ FT1 32BB . . $2 \mathrm{FT1} 32 \mathrm{BC}$..... 2
College work-study or cooperative education program ac3.FT132CB ...3. FT132CC...... 3
Teaching or research assistantship. FTI 32DA PT132CA FTI 32 . ${ }^{\text {. }}$.
Other earnings while taking courses. $\qquad$ FT132EA.5.FT132EB....5.FT132EC...... 5
133. Estimate the total amount of money you pald to go to school from money you had saved or earned. Enter a zero, " 0 ," where you pald no money.

| 'rime | (a) <br> Fall 1976Summer 1977 | (b) <br> Fall 1977. <br> Summer 1978 <br> (Write in amounts.) | (c) <br> Fall 1978. Summer 1979 |
| :---: | :---: | :---: | :---: |
| TOTAL DOLLAR VALUE....... | \$ FT133A | SFT133B | FT133C |

SCHOOL FINANCES FROM FALL 1979 THROUGH SUMMER 1980

FT1 34 134. Are you or will you be in school at any time from Fall 1979 through Summer 1980?
(Circle one.)

| (Circle one.) |  |  |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
| Yes.................................................... 3 CONTINUE WITH Q. 135 |  |  |

FT135
135. What is your estimate of how much it will cost you for tultion and fees to go to school this year, regardless of who pays? Estimate the amount and record it below.

Tuition and Fees
$\$$ $\qquad$

FT136 136. What is your estimate of how much the total cost will be for you to go to school this year, regardless of who pays? Estimate the amount and record it below. This total cost should Include tuition and fees, books, and supplles, transportation to and from classes, and all other school-related expenses.

Estimated Total Cost For You to Go to School
. $\qquad$
137. How are you meeting (or planning to meet) these expenses? Estimate the amounts you expect to receive from each source and record them below. Enter a zero, " 0 ," where you expect no money.

|  | Amount Will Receive From Each Source |
| :---: | :---: |
| a. Grant, fellowship, and/or scholarship..... |  |
| b. Loans.. |  |
| c. My spouse's income |  |
| d. Savings from money I earned betore I started to postsecondary school. $\qquad$ |  |
| e. My own earnings (including summer earnings) since |  |
| I started to school but not while taking courses....................................... |  |
| f. My own earnings white taking courses....................................................... |  |
| g. Gitts from my family or friends. |  |
| h. Other (specity:_ ET137HSP _____..... |  |

FT137A

## FT137B

FT137C FT137D

FT137E
FT137F
FT137G FII37H

GRADUATE OR PROFESSIONAL SCHOOL

FT138 138. Did you formally appiy for admission (ill out a form and send it in) to any graduate or professional school at any time before October 1979?
(Circle one.)
No............................. 1 GO TO Q. 140, p. 32
Yes............................ 2 CONTINUE WITH Q. 139
139. Please list below the graduate institutions to which you applied, the city and state in which the institutions are located, and the department or program (e.g., law school, public health, Journalism, psychology). At the right circle the number for yes or no if you (a) were accepted; (b) applied for financial assistance such as a grant, fellowshlp, loan, teaching or research assistantship, etc.; (c) were offered financlal assistance, and (d) enrolled.

|  |  | (b) | (c) |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Applied | Was |  |
|  |  | FInanclal | Olfered Financial | (d) |
|  | Accepted | Assistance | Assistance | Enrolled |

## Flrst Choice


144. Since October 1976, have you participated in any program such as on-the-job tralning, registered apprenticeships, manpower training programs, personal enrichment, or correspondence courses? Do not include regular school and college programs.
(Circle one.)
No ... 1
Yes. $\qquad$ . 2 CONTINUE WITH Q. 145
145. What type of training program(s) or course(s) have you participated in?
140. Clicle the category that describes your present status with respect to graduate or prolessional school.
(Clrcle one.)

|  | Q. 144 |
| :---: | :---: |
| I have attended graduate or professional school |  |
| but am not presently attending., | CONTINUE WITH |
| mi presently attending graduate | Q. 141 |

141. How many months typically are required tor a student to complete the graduate or professional program In which you are (were last) enroiled?
$\qquad$ months
142. How many months of the graduate or protessional program in which you are (were last) enrolled had you completed by October 1979?
$\qquad$ months
143. How many credits had you earned toward a graduate or professional degree by October 1979? Enter zero, " 0, " where you recelved no credits. (Write in. Use more than one line if applicable.)

a.___ Number of quarter hours
b.___ Number of semester hours
c.___ Number of other type of credits $\qquad$

## OTHER TRAINING

(Circle as many as apply.)

- a. An Armed Forces training program ................................................................................... 1
b. On-the-job training (a program of instruction during normal working hours)

2
c. Employer-provided program of instruction other than on-the-job training ............................ 3
d. Formal Registered Apprenticeship (your state or labor union)................................................ 4
e. Manpower Development and Training (MDTA)....................................................................... 5


h. Comprehensive Employment and Training Act (CETA).......................................................... 8
i. Other employment and training program (specify: FT145ISP _)......... 9
j. Correspondence course(s).................................................................................................. 10
k. Non-credit courses for personal enrichment........................................................................ 11
l. Other (specity:_____ $1 . . . . . . . . .$.

FT146
146. Were you being trained for some type of work?
(Circle one.)

| No............................. 1 | GO TO Q. 148 |
| :--- | :--- |
| Yes............................. 2 | CONTINUE WITH Q. 147 |

FT147 147. What type of work were you belng trained for or learning about? If you have participated in more than one program, answer for the one in which you spent the most time. (Examples: plumbing, typing, auto mechanic work, photography, sales, etc.)
(Write in):

FT148

FT149

FT150
150. Have you used this training on any Job?
(Circle one.)
Yes............................................................. 1
No.
.2

FT151 151. Which one of the following statements best describes the assistance you received (are receiving) from the program or training center in finding a job?
(Circle one.)
DOES NOT APPLY TO ME since my training was in the military, on-the-job or for personal enrichment.

$$
. .1
$$

I did not want or did not need help from the center in finding a job........................................................ 2
I wanted and needed help but did not receive any from the center.......................................................... 3
The center provided intormation on job openings in my field.................................................................. 4
The center put me directly in touch with possible employers or arranged a job for me......................... 5
.
FT152 152. Have you ever tried to find work on a job where you might use what you learned from any school, college, or training prograin you attended since October 1976?
(Circle one.)
No, because i have NOT attended any school, college,
or training program since October 1976.
No, although i HAVE attended a school, college, or
training program since October 1976.
Yes.

SKIP TO SECTION D. Q. 154, p. 34

CONTINUE WITH Q. 153
153. Did you find work for which you could use what you learned?
(CIrcle one.)
Yes, in the locality where I received my training...... 1
Yes, somewhere else................................................. 2
Yes, both of the above.......................................................... 3
No.............................................................................. 4

## SECTION D: MILITARY SERVICE

FT154 154. Since October 1976, have you served in the Armed Forces, or a Reserve or National Guard Unit? (Clrcle one.)


FT155 155. In which branch of the Armed Forces did you serve?
(Write in) $\qquad$
156. When did you begin active duty?
FT156A (month) FT156B:-....-(year)
$\qquad$

FT157 157. Have you received (or are you recelving) tour or more weeks of specialized schooling whlle in the Armed Forces?
(Circle one.)

| No ........................................ 2 COTOQ. 159 |  |
| :--- | :--- |
| Yes................... | CONTINUE WITH Q. 158 |

FT158 158. What is the name of the specialized schooling program In which you spent the longest perlod of time? (Piease print and do not abbrevala.)

Name of program
159. Specify your current primary military specialty code (Army-MOS, Alr Force-AFSC, Marines-MOS, Navy-NEC). (Please print and use standard abbreviations.)

Specialty Code: $\qquad$

FT160
160. What is the highest pay grade you have held in the Armed Forces?

Pay grade: $\qquad$
161. Have you taken any courses while in the Armed Forces that:
(Circle one number on each line.)
a. Prepared you tor the high school equivalency test?
b. Prepared you for equivalency tests that can be taken for college credit?
c. Were college-sponsored courses which gave college credits?
.2
-
162. Are you currently on active duty?

FT162A

```
No (Date left: FT162B month FT162C year).................. }
SKIP TO SECTION E. Q. 165, p. }3
CONTINUE WITH Q. 163, p. 35
```

163. How long do you expect to be on active duty in the Armed Forces?
(Clircle one.)
For a two-year tour of duly only1
For a three-year or four-year tour of duty .....  2
For more than one enlistment, but less than a full career .....  3
For a full career ( 20 years minimum) ..... 4
Have not decided. ..... 5
164. What do you plan to do when you get out of the Armed Forces?
(Clicle one number on each line.)
My NOTMy
Plans Plans
FT164A
FT164B
FT164C FT164D
FT164E
FT164F
FT164G
FT164H
FT164I
a. Full-time or part-time work in a fietd in which 1 received training in the Armed Forces
165. 2
b. Full-time or part-time work, but not in a field in which 1 received training in the Armed Forces
c. Graduate or professional school, either full-time or part-time ..... 2
d. College, either full-time or part-time. ..... 1 .............. 2
e. Technical, vocational, or business or career training school, either full-time or part-time ..... 1 .............. 2
f. Registered apprenticeship or on-the-iob training program ..... 2
g. Retire. . ..... 2
h. Undecided. .....  .....  2
i. Other (specify: _). ..... 1 .............. 2

## SECTION E: FAMILY STATUS

165. What was your marital status the first week of October 1979 ?
(Circle one.)

| Never married, but plan to be married within the next 12 months. $\qquad$ 1 |  |
| :---: | :---: |
| Never married, and don't plan to be married within the next 12 months. $\qquad$ | GOTO Q. 175, p. 38 |
| Divorced, widowed, separated........................................ 3 ) |  |
| Married to my first husband or wife .................................. 4 \} | CONTINUE WHTH Q. 166 |
| Remarried after being divorced or widowed....................... 5 |  |

166. What was the date of your (latest) marrlage?
$\xrightarrow{\text { FT166A ___ (month) FT166B }}$ (year)
167. What was your husband or wife doing the lirst week of October 1979?

## (Circle as many as apply.)

This does not apply to me since I was not married

$$
\text { at that time....................................................................... } 0 \text { GO TO Q. 173, p. } 38
$$

He /she was working for pay at a full-time or part-time job1

Enrolled in graduate or protessional school......................... 2 Taking academic courses at a two- or four-year college. .3

Taking vocational or technical courses at any kind of school or college (for example, vocational, trade, business, or other career training school

CONTINUE WITH Q. 168
On active duty in the Armed Forces (or service academy) 5
Homemaker .......................................................................... 6
Temporary layoff from work, looking for work, or waiting to report to work. .7
Other (describe: FT167ISP__)...... 8 )
168. Old your husband or wife hold a job the flirst week of October 1979?
(Circle one.)

| No. |  | GO TO Q. 172, p. 37 |
| :---: | :---: | :---: |
| Yes | .......... 2 | CONTINUE WITH Q. 169, p. 37 |

169. Please describe below the job your husband or wife held durling the first week of October 1979.

FT169A-D

FT169E
a. For whom did he/she work? (Name of company, business organization, or other employer.)
(Write in):
b. What kind of business or industry was this? (For example, retail shoe store, restaurant, etc.)
(Write in): $\qquad$
c. What kind of job or occupation did he/she have in this business or industry? (For example. salesperson, waitress, secretary, etc.)
(Write in): $\qquad$
d. What were his/her most frequent activities or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in):
e. Was he/she:

An employee of a PRIVATE company, bank, business, school, or individual working for wages, salary, or commissions?
A GOVERNMENT employee (Federal, State, county, or local institution or school)?................ 2
Self-employed in his/her OWN business, protessional practice, or farm?................................ 3
Working WITHOUT PAY in family business or farm? ................................................................ 4

1. When did he/she start working at this job? FT169FA__ (month)_ET169EB__(year)

FT169GA
g. Is he/she currently working at this job?

## (Circle one.)

Yes................................. 1
No.................................. 2 (Date left:__FT169GB__month_FT169GC.__ year)

FTI 70 170. How many hours did he/she usually work at thls job in an average week?


FT17I 171. In an average week, approximately how much did he/she earn at this job? (Report his/her gross earnings before deductions. If not paid by the week, please estimate.)
\$ $\qquad$ per week (Earnings before deductions)

FT172 172. As of October 1979, what was the highest level of education that your husband or wife had attained?
(Clicle one.)
Some high school, or less .................................................................................................................. 1
Finished high school........................................................................................................................... 2

Less than two years of college......................................... 5
Two or more years of college
(including two-year degree)........................................ 6
Finished college (four-or five-year degree) ..................... 7
Master's degree or equivalent ......................................... 8
Ph.D., or advanced
$\qquad$
173. Now please think back a year to Fall 1978. If you were marrled then, what was your husband or wife doing in October 1978?

FT173A
FT173B
FT173C FT173D FT173E

FT1 73F
FT173G
FT173H
FT173I

This does not apply to me since I was not married at that time.
(Circle as many as apply.)
He /she was working for pay at a full-time or part-time job
.. 0
Enrolted in graduate or prolessional school
.

Taking vocational or technical courses at any kind of school or college
(for example, vocational, trade, business, or other career training school)............................. 4
On active duty in the Armed Forces (or service academy)......................................................... 5
Homemaker............................................................................................................................... 6
On temporary layoff trom work, looking for work, or waiting to report to work............................ 7

)..................... 8
174. Now please think back another year to Fall 1977. What was your husband or wife doing in October 1977 ?

FT174A
FT174B
FT174C
FT174D
FT174E
FT174F
FT174G
FT174H
FT174I

FT1 75

FT176
(Clrcle as many as apply.)

教
This does not apply to me since I was not married at that time0
He /she was working for pay at a full-time or part-time job .....  1
Enrolled in graduate or protessional school ..... 2
Taking academic courses at a two- or tour-year college ..... 3Taking vocational or technical courses at any kind of school or college
(for example, vocational, trade, business, or other career training school) ..... 4
On active duty in the Armed Forces or service academy ..... 5
Homemaker .....  .6
On temporary layoff from work. looking for work, or waiting to report to work ..... 7
Other (describe ..... 8
175. How many children, altogether, do you eventually expect to have?
(Circle one.)
0. $\qquad$ . 2.
.. 3. $\qquad$
$\qquad$ 5... $\qquad$ 6 or more
176. Did you have any children (Including adopted children) as of the first week of October 1979?
(Circle one.)


FT177 - 177. How many children (including adopted children) did you have as of the first week of October 1979?
(Circle one.)
1.........2.........3.........4.........5.......... 6 or more

FT1 78
178. How many of these children are adopted?
(Circle one.)
0.........1.........2.........3.........4.........5.......... 6 or more
179. What are the birthdates of your children (including adopted children)? (Write in month and year of birth.)
1st child FT1 79AA (month) FT1 79AB (year)
2nd childET179BA (month) FT179BB (year)
3rd child FT179CA (month) FT1 79CB (year)

4th child FT1 79DA (month)FT179DB (year)
5th child FT179EA (month) ET179EB (year)
6th child FT1 79 FA (month)FT179FB (year)

FT180 180. How many of your chlldren (including adopted children) lived in your household as of the first week of October 1979?
(Clicle one.)
$0 . \ldots . . . . .1 \ldots . . . . .2 \ldots . . . . . .3 \ldots \ldots . . .4 \ldots . . . . . . .5 . . . . . . . . .6$ or more

FT181. 181. When do you think you will have your first (next) child?
(Circle one.)
Don't expect to have a (another) child....... 1
Within the next year .................................... 2
Between one and two years from now....... 3
Between two and three years from now..... 4
Between three and five years from now..... 5
More than five years from now................... 6
Don't know.................................................... 7

FT182 182. Not including yourself, how many persons were dependent upon you tor more than one-half of their financial support in the first week of October 1979?

## (Circle one.)

$0 . . . . . . . .1 . . . . . . . .2 . . . . . . . .3 . . . . . . . .4 . . . . . . . . .5 . . . . . . . . . .6$ or more

FT183 183. In the flrst week of October 1979, were you dependent upon others such as your parents, spouse, or any other relatives or iriends tor more than one-half of your inanclal support?
(Circle one.)
No.
. 1
.. 2
Yes, primarily upon my spouse............................... 3
Yes, primarily upon other relatives or friends........ 4

FT184 184. As ol the first week of October, 1979, did you own a house or mobile home?
(CIrcle ane.)

| No..................................... 1 | GOTO Q. 187 |
| :--- | :--- |
| Yes..................................... 2 | CONTINUE WITII Q. 185 |

185. When did you purchase your house or moblie home?

FT185A
(month) FT185B (year)
186. What is the present market value of your house or mobile home?

187. As of the first week of October 1979, how much money did you owe for each of the following? Enter zero, "0," where you owed no money.
a. Education or training.....................................................................S

FT187B
b. Mortgage on house or mobile home.
(Write In amounts.)
. $\$$
FT187C
c. Other debts (car, rent, appliances, medical bills, and so on)......\$ $\qquad$
188. As of the first week of October 1979, how much were your monthly payments for each of the folfowing? Enter zero, " 0 ," where you had no monthly payments.

> (Write in amounts.)

FT188A
a. Education or training
. $\$$ $\qquad$
FT188B
b. Mortgage on house or mobile home.
s $\qquad$
FT188C
c. Other debts (car, rent, appliances, medical bills, and so on).
. $\$$
189. As of the lirst week of October 1979, how much money had you saved and planned to use for:

|  | (Clrcle one number on each line.) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less than | $\$ 100$ 10 | \$500 to | $\begin{gathered} \$ 1000 \\ \text { to } \end{gathered}$ | $\$ 2000$ or |
| None | S100 | \$499 | \$999 | \$1999 | More |
| , | 1 | 2 | 3 | 4. | . 5 |
|  |  | 2 |  |  | 5 |

190. What is the best estimate of your income belore taxes for (a) ALL OF 1977, for (b) ALL OF 1978, and Ior (c) ALL OF 1979? If married, include your spouse's income in the total. Do not include loans. Please make a dollar amount entry on each line. If you did not receive any income from a source, enter a zero, "0."


FT191 191. Do you owe any money for an education or training loan for which your repayment schedule has begun?
(Circle one.)

| No...................................... 1 | SKIP TO SECTION F, Q. 194, $\beta$, 11 |
| :--- | :--- |
| Yes............................ 2 | CONTINUE WITH Q. 192 |

192. When was your first payment due?

| FT192A | FT192B |
| :---: | :---: |

FT193 193. Are you having or have you had any difficulty in meeting payments on your education or training loan?
(Clrcle one.)
No................................................ 1
$\qquad$ (explain why: _)

## SECTION F: EXPERIENCES AND OPINIONS

194. To what extent have you voluntarily participated in the following groups during the three-year period from October 1976 through October 1979? (By voluntarily, we mean you are not an employee of the group; by active participant, we mean that you attend the meetings or events; by member only, we mean that you are on a mailIng or telephone 11st so thal you are kept Informed of meetings and events.)
(CIrcle one number on each line.)
Active Member Not
FT194A
a. Youth organizations - such as Little League coach, scouting, etc............................................... 3

FT194B
b. Union, farm, trade or professional association
. 2 . .3
c. Political clubs or organizations
. $1 . . . . . . . . . . . . . . . . ~ 2 ~$

FT194E
d. Church or church-related activities (not counting worship services)
. $1 . . . . . . . . . . . . . . . . ~ 2$ . .3

FT194E
e. Community centers, neighborhood improvement, or social-action associations or groups................................................................................... 1............................... 3
FT194F
f. Organized volunteer work -- such as in a hospital

3
FT194G
FT194H
FT194I
FT194J
FT194K
FT194L
FT194M

$\qquad$3
h. Sport teams or sport clubs .................................................................................1.................. 2.............. 3
i. A literary, art, discussion, music, or study group................................................................. 2 .
.3
j. Educational organizations - such as PTA or an academic group.................. 1................. 2 ............. 3
k. Service organizations - such as Rotary, Junior Chamber of

Commerce, Veterans, etc.............................................................................. 1.................2.............. 3
I. A student government, newspaper, journal, or yearbook staff.

3
m. Another voluntary group in which I participate
. 1.
.3
195. How do you feel about each of the following statements?

196. How do you feel about each of the following statements?

FT196A
(Circle one number on each line.)
Disagree

FT196B
b. It is usually better for everyone involved if the man is the achiever outside the home and the woman takes care of the home and family.
. .1 $\qquad$
$\qquad$
FT196C
c. Young men should be encouraged to take jobs that are usually filled by women (nursing, secretarial work, etc.).
... 1.
.. 2. $\qquad$ .3................. 4
FT196D
d. Most women are just not interested in having big and important jobs.
. 1.
... 2 $\qquad$ . 3. . .4
FT196E
e. Many qualified women can't get good jobs; men with the same skills have much less trouble $\qquad$ . $2 . . . . . . . . . . . . . . . . . ~ 3$ 3................. 4

FT196F
t. Most women are happiest when they are making a home and caring for children

1 -
g. High school counselors should urge young women to train for jobs which are now held mainly by men.
$\qquad$
FT196G
h. It is more important for a wife to help her husband than to

. $1 . .$.
$\qquad$ ... 3. .4

FT196H
i. Schools teach women to want the less important jobs.
... 1. $\qquad$ . 2. $\qquad$ .. 3 .4
j. Men should be given first chance at most jobs because they have the primary responsibility for providing for a family.
... 1. $\qquad$ .. 2 . 3 . .4
197. How important is each of the following to you in your life?
198. How important do you think each of the following factors is in determining the kind of work you plan to be doing for most of your life?

Circle one number on each line.)
Very Somewhat Not Important Important Important
a. Being successtul in my line of work................................................................................2................. 3
b. Finding the right person to marry and having a happy family life..................1................................ 3


e. Being able to find steady work....................................................................... 1................2................ 3
f. Being a leader in the community.................................................................... 1 .................2................. 3
g. Being able to give my children better opportunities than l've had..................1................2................. 3
h. Living close to my parents and relatives.......................................................... 1..................2................ 3
i. Getting away from this area of the country .................................................. 1 ...............2................ 3
j. Working to correct social and economic inequalities......................................................2................. 3
k. Having leisure time to enjoy my own interests ................................................ 1 .................2................ 3

1. Having a good education................................................................................. 1 .................2................. 3
(Circle one number on each line.)
Very Somewhat Not Important Important Important
a. Previous work experience
.1.................2................ 3
b. Relative or friend in the same line of work............................................................. $2 \ldots . . . . . . . . . . . . . .3$
c. Job openings available in the occupation ............................................ 1.................2................. 3
d. Work matches a hobby interest of mine................................................................2................. 3
e. Good income to start or within a tew years ...........................................1................2................ 3
f. Job security and permanence..............................................................................2................. 3
2. Work that seems important and interesting to me............................................................... 3

i. Opportunity for promotion and advancement in the long run............... 1 ............... 2................ 3

3. The following questlons ask about your political participation. Considering the period from October 1976 to October 1979,

## (Clicle one number on each line.) Frequently Sometimes Never

a. When you talked with your triends, did you ever talk about public problems - that is, what's happening in the country or in your community?

$\qquad$ ..... 3
b. Did you ever talk about public problems with any of the following people?
Your family 1................ 2 ..... 3
FT199B2 People where you work ............................................................................ 1................ 2 .....  3
Community leaders, such as club or church leaders ..... 3
c. Did you ever talk about public problems with elected government officials or people in politics, such as Democratic or Republican leaders?

$\qquad$ .....  .3
FT199D d. Did you ever talk to people to try to get them to vote for or against a candidate?

$\qquad$ ..... 3
FT199E e. Did you ever give any money or buy tickets to help someone who was trying to win an election?..................................................................1................ 2 ..... 3t. Did you ever go to any political meetings, rallies, barbecues, fish fries,or things like that in connection with an election?.3
FT199G g. Did you ever do any work to help a candidate in his campaign? .....  3$h$. Did you ever hold an office in a political party or get elected to agovernment job?
$\qquad$
200. Are you registered to vote?

(Circle one.)

Yes.
. 1
No
. .2

FT201 201. At any time during the period from the first of November 1976 through October 1979, did you vote in a local, state, or national election?

## (Circle one.)

Yes...................................... 1
202. If you could do th over again, which of the following do you think you would do?
(Clrcie all that apply.)
Take a different course of study in school
1
FT202B Attend a different school than the one I attended................................................................ 2
FT202C Gei more education........................................................................................................... 3
FT202D Get less education............................................................................................................. 4
FT202E Take more technical courses and fewer academic ones ..................................................... 5
FT202F Take more academic courses and tewer technical ones..................................................... 6
FT202G Start to work sooner ........................................................................................................... 7
FT202H Choose a different kind of work.......................................................................................... 8
FT202I Get married sooner............................................................................................................ 9
FT202J Not get married so soon...................................................................................................... 10
FT202K Have children sooner....................................................................................................... 11
FT202L Not have children so soon.................................................................................................. 12
FT202M Live at home longer........................................................................................................................... 13
FT202N Get out on my own sooner................................................................................................. 14
FT2020
FT202P
None of the above ..... 15

Other (specify:_ET202PSP

## SECTION G: BACKGROUND INFORMATION

Please PRINT your name, address, and the telephone number where you can most usualiy. be reached during the coming year.


Please PRINT the name, address and telephone number of your parents.


Please PRINT the names and addresses of two other people who will know where to get in touch with you during the coming year. (List no more than one person who now lives with you.)

| NAME: | TELEPHONE |  |
| :---: | :---: | :---: |
| ADDRESS: | AREA CODE | NUMEER |
|  |  |  |


| NAME: | TELEPHONE |  |
| :---: | :---: | :---: |
| ADDRESS: | AREA CODE | NUMBER |
| CITY: | - |  |

Please PRINT your spouse's iull name (if you are married).

## SPOUSE'S FULL NAME:

$\square$

Please give the following information about yourself.
, (a) Date of birth _ FTFUBNTH (month) FTFUBDAY (day) FTFUBYR (year)
(b) Sex: (Circle one.)
Male
.. 1
Female .2
(c) Driver's License No. $\qquad$ -___Stat $\qquad$
(d) When did you complete this questionnaire? ETCMPMIH (month) ETCMPDAY (day) ETCMPYR (year)

NOTICE-All information which would permit
identification of the individual will be held in strict confidence, will be used only by persons engaged in and for the purposes of the survey, and will not be disclosed or relessed to others for any purposes.

## OPERATION FOLLOW.UP

- 


# The Supplemental Questionnaire 

NATIONAL LONGITUDINAL STUDY OF THE HIGH SCHOOL CLASS OF 1972

Prepared for the
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

# National Center for Education Statistics Education Division <br> Department of Health, Education, and Welfare <br> Washington, D.C. 20202 

## GENERAL INSTRUCTIONS

You heard from us for the first time in 1972 when you were about to graduate from high school. At that time we asked you about your plans for the future, and about how useful you thought your high school education had been. Since that time we've gotten back in touch with you three times to ask about how things are actually working out for you. Now we'd like to check in on you again.

What we're trying to do with the Supplementary Questionnaire is find the answers to certain questions about your work or your education that were not completed in your earlier questionnaires.
You will need to answer the first question in each section, but you may not need to answer all the questions in every section. You may be able to skip most of some sections. We have designed the questionnaire with special instructions beside responses which allow you to skip one or more questions. Follow these instructions when they apply to you.

Read carefully each question you answer. It is important that you follow the directions for responding. which are:

- (Circle one.)
- (Circle as many as apply.)
- (Circle one number on each line.)

Sometimes you are asked to fill in a blank-in these cases, simply write your response on the line provided. Where you are asked to circle a number, make a heavy circle. Here is an example:

| Why did you leave high school? | (Circle one number on ench line.) |  |
| :---: | :---: | :---: |
|  | My | NOT My |
|  | Reasons | Reasons |
| Graduated | (1) | 2 |
| Entered college . | 1 | (2) |
| Went to work.. |  |  |

Many questions ask what you were doing during a specific time period; for example. "What were you doing during the first week of October 19767" As you go through the questionnaire, please watch for these time references and make sure you are thinking about the correct time period for each question.

This questionnaire is authorized by law 20 USC 122le-1.
The Federal Privacy Act of 1974 requires that each survey respondent be informed of the following:
(1) Solicitation of information about the respondent as detailed in the questionnaire is authorized by Section 415 of the General Education Provisions Act as amended (20 USC 1226b).
(2) The respondent is subject to no penalty for not providing all or any part of the requested information.
(3) The purpose for which this information is to be used is to provide statistics on a national sample of students as they move out of the American high school system into the critical years of early adulthood and relate these statistics to postsecondary educational costs and financial aid and other factors on the educational, work, and career choices of young adults.
(4) The routine uses of these data will be statistical in nature as detailed in 9 in Appendix B of the Departmental Regulations (45 CRF 56) published in the Federal Register, Vol. 40, No. 196, October 8, 1975.

When you complete this questionnaire, please place it in the post-paid, addressed envelope provided and mail it to:
,

OPERATION FOLLOW•UP
Research Triangle Institute
Post Office Box 12036
Research Triangle Park, North Carolina 27709
THANK YOU FOR YOUR COOPERATION

## SCHOOL ATTENDANCE IN OCTOBER 1972

FŞ̧A1 A1. Now please think back to the Fall of 1972. Were you taling classes or courses at any school during the month of October 1972?

## (Circle one.)

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| es |  |  |  |  |

A2. What is the exact name and location of the school you were attending in the month of October 1972? (Please print and do not abbreviate.)
School Name: ___ FSQA2A(FICE CODE) FSOA2SCH
City: FSQA2B_ State: FSQA2C

FSQA3 A3. What kind of achool is this?

## (Circle one.)

| Vocational, trade, business or other career training school ............... 1 . |  |
| :---: | :---: |
| Junior or community college (two-year) | 2 |
| Four-year college or university | 3 |
| Other (please describe: | 4 |

A4. When did you first attend this school? $\qquad$ (month) __ESQA4B $\qquad$
A5. When did you last attend this achool? ___ ESQA5A (month) $\qquad$ (year)

FŞ̧A6 A6. During October 1972, were you classified by this school as a full-time student?
(Circle one.)

|  |  |
| :---: | :---: |
|  |  |

FSOCA7 A7. Please select below the category which beat describes your ACADEMIC FIELD or VOCATIONAL AREA in October 1972.
(Circle only one academic field OR vocational area.)

ACADEMIC FIELDS (typically leading to at least a Bachelor's degree)
Biological Sciences (zoology, physiology.
anatomy, etc.) ................................... 01
Busineas (accounting, marketing, personnel management, etc.)02
Education (elementary, special, physical, etc.) . . . 03
Engineering (civil, electrical, mechanical, etc.) . . . 04

Humanities and Fine Arts (music, religion, English, etc.)05
Physical Sciences and Mathematics (physics, geology, chemistry, etc.) ..... 06
Social Sciences (psychology, history. economics, sociology, etc.) ..... 07
Other academic fields (agriculture, home economics, nursing, etc.) ..... 08
An academic field, but undecided ..... 09
VOCATIONAL AREAS (typically not leading to a Bachelor's degree)
Office and Clerical (bookkeeping, stenography, commercial art, general office, etc.) ..... 10
Computer Technology (keypunch operator, programming: computer operations, etc.) ..... 11
Mechanical and Engineering Technology(automotive mechanic, machinist, drafting.construction, electronics, etc.)12
Health Services (lab technician, occupational therapy, practical nursing, etc.) . . 13
Public Services (police science, food service,recreation, beautician, etc.)14
Other vocational areas (agriculture, home economics, etc.) ..... 15
A vocational area, but undecided ..... 16

## JOB HELD IN OCTOBER 1972

FSQB1 B1. Did you hold a job of any kind during the month of October 1972 ?

## (Circle one.)




B2. Please deacribe below the job you held in October 1972. If you held more than one job at that time, describe the one at which you worked the most hours.
a. For whom did you work? (Name of company, business organization, or other employer) (Write in): $\qquad$
b. What kind of business or industry was this? (For example, retail shoe store, restaurant, etc.)

FSQB2A-D (Write in): $\qquad$
c. What kind of job or occupation did you have in this business or industry? (For example, salesman, waitress, secretary, etc.)
(Write in): $\qquad$
d. What were your most frequent activites or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in): $\qquad$
e. When did you start working at this job? __FSQB2EA____ (month) FSQB2EB_____ (year)
f. Are you currently working at this job?
(Circle one.)
FSQB2FA
Yes .......................... 1
No $\ldots \ldots \ldots \ldots \ldots \ldots \ldots 2$ (Left job: FSQB2FB month FSOB2FC year)

FSQB3 B3. How many bours per WEEK did you usually work at this job in Octaber 1972?
$\qquad$
FSZB4 BA. Approximately how much did you usually earn per WEEK at thia job back then before deductions? (If not paid by the week, please estimate.)
$\qquad$ per week

## SCHOOL ATTENDANCE IN OCTOBER 1973

FSZC1
C1. Were you taling classes or coursen at any achool during the first week of October 1973?
(Circle one.)
No ......................................................................... 1 - SKIP TO NEXT PAGE

C2. What is the exact name and location of the school you were attending in the firat week of October 1973? (Please print and do not abbreviate.)


FSQC3
C3. What kind of school is thia?

## (Circle one.)

Vocational, trade, business or other career training school ................. 1
Junior or community college (two-year) ...................................... 2
Four-year college or university ............................................... 3

C4. When did you first attend this school? _ESOC4A_ (month) FSQC4B $\qquad$ (year)

C5. When did you last attend this echool? FSOC5A (month) _FSQC5B (year)

FSQC6 C6. During the first week of October 1973, were you classified by this school as a full-time atudent?
(Circle one.)
Yes ................................................................................. 1
No .............................................................................. 2
FSQC7 C7. At that time were you classified by your school as a freshman or sophomore?
(Circle one.)
My echool doesn't classify students this way ................................ 1
Freshman (first-year student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Sophomore (second-year student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Other classification (specify:______ . . . . 4
FSQC8 C8. Please aelect below the category which beat describes your ACADEMIC FIELD or VOCATIONAL AREA in October 1973.

## (Circle only one academic field $\mathbf{O R}$ one vocational area.)

ACADEMIC FIELDS (typically leading to at least a Bachelor's dagree)
Biological Selences (zoology, physiology, anatomy, etc.) ................................. 01
Buainess (accounting, marketing, personnel
management, etc:) $1 . . . . . . . . . . . . . . . . . . . . . . . . . ~$ 02
Education (elementary, special, physical, etc.) ... 03
Engineering (civil, electrical, mechanical, etc.) ... 04
Humanities and Flae Arta (music, religion, English, etc.)
Physical Sciences and Mathematica
(physics, geology, chemistry, etc.) ............ . 06
Social Serences (psychology, history
economics, sociology, etc.) . . . . . . . . . . . . . . . . . 07
Other academic fields (agriculture, home
economice, nursing, etc.) ..................... 08
An academic field, but undecided ................ . 09

VOCATIONAL AREAS itypically not leading to a Bachelor's degreel
Office and Clerical (bookkeeping, stenography. commercial art, general office, etc.).10

Computer Technology (keypunch operator. programming, computer operations, etc.) ..... 11
Mechanical and Engineering Technology (automotive mechanic, machinist, construction, drafting, electronics, etc.) 12
Health Services (lab technician,
occupational therapy, practical nursing, etc.). . 13
Public Services (police science, food service, recreation, beautician, etc.) ..................... . 14
Other vocational areas (agriculture, home economics, etc.)15
A vocational area, but undecided ..... 16

## JOB HELD IN OCTOBER 1973

FSQD2FA

FSQD3
D3. How many bours per WEEK did you usually work at this job up through the first week of October 1973? ___ hours per week

FSQD4
D1. Did you hold a job of any kind during the first week of October 1973?
(Circle one.)

D2. Please describe below the job you held during the first week of October 1973. If you beld more than one job at that tine, describe the one at which you worked the most hours.
a. For whom did you work? (Neme of company, business organization, or other employer)
(Write in): $\qquad$
b. What kind of business or industry was this (For example, retail shoe store, restaurant, etc.)
(Write in): $\qquad$
c. What kind of job or occupation did you have in this business or industry? (For example, salesman, waitress, secretary, etc.)
(Write in): $\qquad$
d. What were your most frequent activites or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in): $\qquad$
e. When did you start working at this job? FSQD2EA__ (month) FSQD2EB___ (year)
f. Are you currently working at this job?

## (Circle one.)

Yes ........................... 1
No .....................................
2 Date left: _ESQD2ER $\qquad$ (month) _ESQD2EC (year)
$\qquad$
D4. Approximately how much did you usually earn per WEEK at this job at that time before deductione? (If not paid by the week, please eatimate.)
8


## SCHOOL ATTENDANCE IN OCTOBER 1974

FSQE1 E1. Did you attend school in the flrst week of October 1974?


E2. What is the exact name and location of the school you were attending tn the first week of October 1974 ? (Please print and do not abbreviate.)

| School Name: | FSQE2A (FICE CODE) | FSOE2SCH |
| :---: | :---: | :---: |
| City: | ESQE2B | State: _ESQE2C |

FSQE3E3. What kind of achool is this?
Vocational, trade, business, or other career
training school . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Junior or community college (two-year) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Four-year college or university . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Other (describe: ________ . . . . 4
FSQE4 54. During the first week of October 1974, were you claseified by this school as a full-time student?
(Circle one.)
Yes . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
No . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Don't know . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
E5. When did you first attend this school? FSQE5A (month) FSQE5B_____(year)
E6. When did you last attend this achool? ESQE6A_(ymonth) FSQE6B (y___ (year)
FSQE7 E7. At that time how were you classified by your school?
(Circle one.)
Freshman (first-year student)
. 1
Sophomore (second-year student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Junior (third-year student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Senior (fourth-year student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
Special Student . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5

My school doesn't classify students . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 7
FSQE8 58. Plase select below the category which best describes your ACADEMIC FIELD or VOCATIONAL AREA in October 1974.
(Circle one.)
Agriculture and Home Economics . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Bualness (accounting, marketing, personnel management, etc.) . . . . . . . . . . 2
Office and Clerical (bookkeeping, stenography, general office, etc.) . . . . . 3
Computer Technology (keypunch operator, programming, computer operations, etc.)4
Education (elementary, special, physical, etc.) ..... 5
Engineering (civil, electrical, mechanical, etc.) ..... 6
Mechanical and Engineering Technology (automotive mechanic, machinist, construction, drafting, electronics, etc.) ..... 7
Humanities and Fine Arts (music, religion, English, etc.) ..... 8
Health Services (nursing, lab technician, occupationsl therapy, etc.) ..... 9
Public Services tlaw enforcement, food service, recreation, beautician; etc.) ..... 10
Physical Sciences and Mathematics (physics, geology, chemistry, etc.) ..... 11
Social Sclences (psychology, history, economics, sociology, etc.) ..... 12
Biological Sciencea (zoology, physiology, anatomy, etc.) ..... 13
OTHER field or area (specify: ..... 14
UNDECIDED ..... 16
FSQE9 E9. Thie (above) is:

An ACADEMIC program (typically leads to a 4- or 5- yearBachelor's degree)1
A VOCATIONAL program (does not lead to a Bachi 'rr's degree) ..... 2

## JOB HELD IN OCTOBER 1974

F1. Were you working during the first week of October 1974 ?

## (Circle one.)

No
1-SKIP TO NEXT PAGE
Yes, full-time ..... 2
Yes, part-time ..... 3

F2. Please describe below the job you held during the firat week of October 1974. (It you held more than one job at that time, describe the one at which you worked the most hours.)
a. For whom did you work? (Name of company, business organization, or other employer)
(Write in): $\qquad$
b. What hind of businese or industry was this? (For example, retail shoe store, restaurant, etc.)

FSQF2A-D

FSQF2FA

FSQF3

FSQF4
(Write in):
c. What kind of job or occupation did you have in this business or industry? (For example, salesperson, waitress, secretary, etc.)
(Write in):
d. What were your most frequent activities or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in): $\qquad$

f. Are you currently working at this job?
(Circle one.)
Yes ......................... 1
No $\ldots \ldots \ldots \ldots \ldots \ldots \ldots$. Date left: FSQF2FB___(month) FSQE2FC____(year)
F3. How many hours did you usually work at thia job in an average week?
$\qquad$
F4. In an average week, approximately how much did you earn at this job? (Report your groas earnings before deductions. If not paid by the week, please eatimate.)
3. $\qquad$ per week (Earnings before deductions)

## SCHOOL ATTENDANCE IN OCTOBER 1975

G8. Please select below the category which best describes your ACADEMIC FIELD or VOCATIONAL ARE October 1975.
(Clicle one.)
Agriculture and Home Economics 1
Business (accounting, marketing, personnel management, etc.) ..... 2
Office and Clerical (bookkeeping, stenography, general office, etc.) .....  3
Computer Technology (keypunch operator, programming. computer operations, etc.) ..... 4
Education (elementary, special, physical, etc.) ..... 5
Engineering (civil, electrical, mechanical, etc.) ..... 6
Mechanical and Engineering Technology (automotive mechanic. machinist, construction. drafting, electronics, etc.) ..... 7
Humanities and Fine Arts (music, religion, English, etc.) ..... 8
Health Services (nursing, lab technician, occupational therapy, etc.) .....  9
Public Services (law enforcement, food service, recreation, beautician, etc.) ..... 10
Physical Sciences and Mathematics (physics, geology, chemistry, etc.) . ..... 11
Social Sciences (psychology, history, economics, sociology, etc.) ..... 12
Biological Sciences (zoology, physiology, anstomy, etc.) ..... 13
Professional Program (medicine, dentistry, law, theology, etc.) ..... 14
OTHER field or area (specify: ..... 15
UNDECIDED ..... 16
FSQG9

G1. Now please think back to Fall 1975. Were you taling classes or coursee at any school during the month of October 1975?

## (Circle one.)

No - SKIP TO NEXT PAGE ..... 2
G2. What is the exact name and location of the school you were attending in October 1975? (Please print and do not ab-breviate.)

| School Name: | FSQG2A (EICE_CODE) | ESQC2SCH |
| :---: | :---: | :---: |
| City: | FSOC2B | State: - ESQC2C |

G3. What kind of school is this?
(Circle one.)
Vocational, trade, business or other career training school .....  1
Junior or community college (two-year) ..... 2
Independent graduate or professional school (medical, dental,law, theology, etc.)4
G4. During October 1975, were you classified by this achool as a fulltime student?
(Circle one.)
Yes ..... 1
No ..... 2
Don't know ..... 3
G5. When did you first attend this school? __ FSQG5A (month)

$\qquad$
(year)G6. When did you last attend this school? _ FSQG6A ___ (month)ESOC6B(year)
G7. During October 1975, how were you clasaified by your school?
(Circle one.)
Freshman (first-year undergraduate student) ..... 1
Sophomore (second-year undergraduate student) .....  2
Junior (third-year undergraduate student)
4
Senior (fourth-year undergraduate student) ..... 5
Special student ..... 6
Other classification (specify: ..... 7
My achool doesn't classify atudents ..... 8(Circle one.)
A vocational program ..... 1
An academic program ..... 2
A professional program ..... 3
Other (specify: ..... ,... 4

## JOB HELD IN OCTOBER 1975

ESOH1

FSQH2A-D

H1. Now please think back to Fall 1975. Did you hold a job of any kind during the month of October 1975?
(Circle one.)

| Yes, working full-time (36 hours or more per week) . . | 1 |
| :---: | :---: |
| Yes, working part-time ( 34 hours or fewer per week) . . | 2 |
| Yes, but on temporary layoff from work or waiting to report to work | 3 |
| No | 4 - SKIP TO NEXT PAGE |

H2. Please deacribe below the job you held during October 1975. (If you held more than one job at that time, describe the one at which you worked the most hours.)
a. For whom did you work? (Name of company, business organization, or other employer)
(Write in): $\qquad$
b. What kind of businese or industry was this? (For example, retail shoe store, restaurant, etc.)
(Write in):
c. What kind of job or occupation did you have in this business or industry? (For example, salesperson, waitress, secretary, etc.)
(Write in): $\qquad$
d. What were your most frequent activities or duties on this job? (For example, selling shoes, waiting on tables, typing and filing, etc.)
(Write in): $\qquad$
e. When did you start working at this job? ESQH2EA (month) $\qquad$ (year)

H3. How many hours did you usually work at this job in an average week?
$\qquad$ hours per week

H4. In an average week, approximately bow much did you earn at this job? (Report your gross earalngs before deductions. If not paid by the week, please eatimate.)
3 $\qquad$ per week (Earnings before deductions)

H5. Are you currently working at this job?
(Circle one.)
Yes ........................ 1
No........................ 2 Date left: $\qquad$ (month) FSOH5C (year)

## SCHOOL ATTENDANCE IN OCTOBER 1976

11. Did you attend achool in the firat week of October 1976?
(Circle one.)
1 - SKIP TO NEXT PAGE
No. 2
12. What is the exact name and location of the school you were attending in the first week of October 1976? (Please print and do not abbreviate.)

| Scho | FSQI 2 A | FSOI2SCH |
| :---: | :---: | :---: |
| City | FSOI2B | ESOI2C |

13. What kind of school is this?
(Circle one.)
Vocational, trade, business, or other career training school................. 1
Junior or community college (two-year)
2
College or university (four years or more) . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Independent graduate or pröfessional' school (medical, dental,
law, theology, etc.) ........................................................... 4
Other (describe: _ـ_ 5
14. When did you first attend this achool? __ FSOI4A___ (month) ESOL48__ (year)
15. When did you last attend this school? ___ FSOISA___ (month) ESQI5B___ (year)
16. During the first week of October 1976, were you classified by this achool as a full-time student? (Clicle one.)

Don't know
2
No ...................................................................................... . 3
17. At that time how were you classified by your school?
(Circle one.)
Freshman (first-year undergraduate student) .............................. 1
Sophomore (second-year undergraduate student) . . . . . . . . . . . . . . . . . . . . . . 2
Junior (third-year undergraduate student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3
Senior (fourth-year undergraduate student) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
Graduate or professional student . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
Special student . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6
Other classification (specify:
My school doesn't classify students . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8
18. Please select below the category which best describes your ACADEMIC FIELD or VOCATIONAL AREA in October 1976.
(Circle one.)
Agriculture or Home Economics . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Business (accounting, marketing, personnel management, etc.) ........... 2
Office and Clerical (bookkeeping, stenography, general office, etc.) ...... 3
Computer Technology (keypunch operator, programming,

Education (elementary, special, physical, etc.) ................................. 5
Engineering (civil, electrical, mechanical, etc.) ............................. 6
Mechanical and Engineering Technology (automotive mechanic. machinist, construction, drafting, electronics, etc.)

7
Humanities and Fine Arts (music, religion, English, etc.) ................. . 8
Health Services (nursing, lab technician, occupation therapy, etc.) ....... . 9
Public Services (law enforcement, food service, recreation, beautician, etc.)10

Physical Sciences and Mathematics (physics, geology, chemistry, etc.) . 11
Social Sciences (psychology, history, economics, sociology, etc.)......... 12
Biological Sciences (zoology, physiology, anatomy, etc.) .................. 13
Professional Program (medicine, dentistry, law, theology, etc.) . . . . . . . . . . 14
OTHER field or area (specify:_____._._._._._._._._._._15
UNDECIDED . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 16
19. This (above) is:
(Circle one.)
A vocational program . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
An academic program ........................................................... 2
A professional program . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .................... 3
Other (specify: ___ .............................. . 4

## JOB HELD IN OCTOBER 1976

FSQJ1

FSQJ2A-D

FSQJ2FA

FSQJ3

FSQ̧J4 J4. In an average week, approximately bow much did you earn at this job? (Report your gross earnings before deductlons. If not paid by the week, please eatimate.)
$\$$ $\qquad$ per week (Earnings before deductions)

## LICENSE OR DIPLOMA STATUS AS OF OCTOBER 1976

K1. What were you doing the first week of October 1976 ?

FSQKIA
FSOK1B
FSuK1C
FSQK1D

FSQK1E
FSQKIF
FSQKIG
FSOK1H

## (Circle as many as apply.)

Working for pay at a full-time or part-time job . .............................. 1
Enrolled in graduate or professional school . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Taking academic courses at a two or four-year college .................... 3
Taking vocational or technical courses at any kind of school or college (for example, vocational, trade, business, or other career training school) . . . 4
On active duty in the Armed Forces (or service academy) . . . . . . . . . . . . . . . 5
Homemaker ............................................................... . 6
Temporary layoff from work, looking for work, or waiting to report to work

7
Other (describe: $\qquad$ J.... 8

K2. What kind of certificate, license, diploma or degree had you earned as of the firgt week of October 1976?
Area of Certificate, License,

| (Circle | Date <br> as many <br> Received | or Degree (For Example, Real <br> Estate License, Shorthand <br> Certificate, Degree in History) |
| ---: | :---: | :---: |


| A certificate . . . . . . . . . . . FSOK2AA | 1 FSOK2AB | 19_ESQK2AC | ESQK2AD |
| :---: | :---: | :---: | :---: |
| A license . . . . . . . . . . . . . . . FS $Q$ Q2 2 B ${ }^{\text {B }}$ | 2 FSQK2BB | 19_FSQK2BC | FSQK2BD |
| A 2-year or 3-year vocational degree or diploma . . . . . . . . FSTQK? CAA | 3 FSQK2CB | 19_FSQK2CC | ESQK2CD |
| A 2-year academic degree ... FSQK2DA | 4 FSOK2DB | 19_FSQK2DC | FSQK2DD |
| A 4-year or 5-year college Bachelor's degree . . . . . . . . FS.QK2EA. | 5 FSQK2EB | 19_ESQK2EC | FSQK2ED |
| A Master's degree or equivalent $F S Q K 2 F A$ | 6 FSQR 2 FB | 19_FSQK2FC | FSQK2FD |
| Other (specify: ___ FSOK2GA | 7 FSQK2GB | 19.ESQK2GC | FSQK2GD |

K3. As of the first week of October 1976, what was your higheat level of education or training?
Had in
October 1976
(Circle one.)
Finished high school . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Vocational trade or


| College program | Less than two years of college <br> Two or more years of college lincluding two-year degree). |
| :---: | :---: |
|  | Finished college (four-or five-year degree) |
|  | Master's degree or equivalent |
|  | Ph.D., or advanced professional degree . |

K4. As of the first week of October 1976, what kind of certificate, licenee, diploma, or degree were you studying for? (Cícle ea many as apply.)

| FSQK4A | None |
| :---: | :---: |
| FSQK 4B | A certificate (specify in what: |
| FSOK4C | A license (specify in what: ${ }^{\text {a }}$................... 3 |
| FSQK4D | A 2-year or 3-year vocational degree or diploma . . . . . . . . . . . . . . . . . . . . . . 4 |
| FSOK4E | A 2-year academic degree ............................................ 5 |
| FSQK4F | A 4-year or 5-year college Bachelor's degree . . . . . . . . . . . . . . . . . . . . . . . . . 6 |
| FSQK4G | A Master's degree or equivalent . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 7 |
| FSQK4H | A Ph.D. or equivalent . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 8 |
| FSQK4I | An M.D., L.L.B., B.D., D.D., D.D.S., or equivalent (specify degree: $\qquad$ J................ 9 |
| FSQK4J | Other (specify: ___ . 10 |

FSQQ5 K5. As of the first week of October 1976, had you received a Bechelor's degree from a four-year college or unlversity? (Circle one.)
No
. 1


## Appendix B

Critical Items and Supporting Items in the First, Second, and Third Follow-Up Questionnaires, and Critical Items in the Fourth Follow-Up Questionnaire

## Critical Items and Supporting Items in the First, Second, and Third Follow-Up

Questionnaires, and Critical Items in the Fourth Follow-Up Questionnaire

Each questionnaire for the first, second, and third follow-ups was manually edited to insure response to critical items. Machine editing was utilized for critical items in the fourth follow-up. Critical items were those questions which had to be answered, and in some cases answered consistently in relation to others, before the questionnaire was considered acceptable. Some critical questions in the first, second and third follow-ups are followed by supporting questions which are important nonkey items. Some of the critical items, if answered "no," lead to the editing of following supporting items to insure no response to these related questions. However, the same critical items, if answered "yes," indicated necessary editing of supporting questions to make sure they were answered consistently with the "yes." For the fourth follow-up there were no supporting items; each critical item, if not answered or answered incorrectly or inconsistently caused that questionnaire to fail the computer-edit process.

If there was no response to a critical item, where expected, then follow-up activities were initiated to attempt to obtain this information. Lists of critical and supporting items for the first, second, and third follow-ups, as well as the critical items for the fourth follow-up, are presented on the following pages.

| Critical Items | Supporting $\qquad$ Items | Critical <br> Items | Supporting Items |
| :---: | :---: | :---: | :---: |
| 1 |  | 1 |  |
| 16 |  | 8 |  |
| 21 | 22A | 9 |  |
|  | 25 | 10 |  |
|  | 26A | 11 |  |
| 23 | 28A | 12 |  |
|  | 28B | 15 |  |
|  | $\{30$ | 16 |  |
| 29A | 32A |  | 120 |
| 37 | 34 |  | 21 |
|  | (49A | 19 | 24 |
| 48A | 49B | 19 | 25 |
|  | 49C |  | 26 |
|  | 149 D |  | 127 |
|  | (55A |  | (29 |
|  | 55B | 28 | 30 |
| 54A | 55C |  | 31 |
|  | 155 D | 32 |  |
| 58 |  | 33 |  |
| 64 |  | 34 |  |
| 95 |  | 58 |  |
|  |  |  | (60 |
|  |  |  | 61 |
|  |  | 59 | 62 |
|  | ...- -- | $\underline{59}$ | 63 |
|  |  |  | 64 |
|  |  |  | 165 |
|  |  | 66 |  |
|  |  | 74 |  |
|  |  | 75 | . |
|  |  |  | 76E |
|  |  |  | 76F |
|  |  | 76A-D | 76G |
|  |  |  | 177 |
|  |  | 88 | $\{89$ |
|  |  | 88 | 990 |
|  |  | 92 |  |
|  |  |  | / 93E |
|  |  |  | (93F |
|  |  |  | 93G |
|  |  | 93A-D | -94 |
|  |  | 93A-D | 105 |
|  |  |  | 107 |
|  |  |  | 111 |
|  |  |  | 114 |
|  |  | 121 |  |
|  |  | 128 |  |

B. 2

| Critical Items | Supporting Items |
| :---: | :---: |
| 1 | 12 |
| 9 | 33 |
|  | 13 |
|  | 15 |
| 10 | 16 |
|  | 129 |
|  | 135 |
|  | 36 |
| 32 | 37 |
|  | 40 |
| 34 | 35A-D |
| 47 | 48 |
| 49A |  |
| 51 | \{53 |
|  | $\{67$ |
|  | ( 53 |
|  | 54 |
| 52 | 57 |
|  | 59 |
|  | 161 |
|  | 167 |
|  | 68 |
| 66 | 70 |
|  | 171 |
| 73 | 74 |
| 83 | 84 |
| 88A | 89A |
| 88B | 89B |
| 90 | 91 |
| 92 | 93 |
| 94 | 95 |
| 96 | 97 |
| 101 | 104 |
| 102 | 103 |
| 108 | 109 |
| 118 | 119 |
| 129 | $\{131$ |
|  | $\{136$ |
| 141 |  |
| 158 |  |


| Critical Items | Critical <br> Items |
| :---: | :---: |
| 1 | 105 |
| 9 | 106 |
| 10 | 109 |
| 11 | 111 |
| 12 | 112 |
| 21 | 113 |
| 22 | 118 |
| 24 | 119 |
| 39 | 120 |
| 41 | 121 |
| 42 | 122 |
| 43 | 123 |
| 44 | 124 |
| 45 | 125 |
| 49 | 126 |
| 51 | 127 |
| 52 | 128 |
| 53 | 129 |
| 54 | 130 |
| 55 | 131 |
| 59 | 132 |
| 60 | 133 |
| 61 | 138 |
| 63 | 139 |
| 66 | 140 |
| 67 | 144 |
| 68 | 145 |
| 69 | 154 |
| 75 | 155 |
| 76 | 162 |
| 77 | 165 |
| 78 | 166 |
| 79 | 167 |
| 80 | 168 |
| 81 | 169 |
| 82 | 170 |
| 85 | 171 |
| 87 | 172 |
| 88 | 173 |
| 89 | 174 |
| 91 | 176 |
| 92 | 177 |
| 93 | 190 |
| 94 |  |
| 97 |  |
| 99 |  |
| 100 |  |
| 101 |  |
| 103 |  |
| 104 |  |

## Appendix C

Miscellaneous Codes, Created Response Categories, and Questions with Resolvable Multiple Responses

## Appendix C. 1

List of Occupational Codes

## OCCUPATIONAL CLASSIFICATION SYSTEM

Equivalent alphabetic codes follow some codex Either code may be utilized, depending on the processing method. "N.e.c." means "not einewhere classified."

| Ocer. pation Code | PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS |
| :---: | :---: |

## PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS-Continued

Nunses, dietitians, and therapists
Dietitians
Registered nurses
Therapists
Health teehnologists and technicians
Clinical laboratory technologists and technicians
Dental hygienists
Health record technologists and technicians
Radiologic technologists and technicians
Therapy assistants
Health technologists end technicians, n.e.c:
Religious workors
Clergymen
Religious workers, n.e.c.
Social scientists
Economists
Political scientists
Psychologists
Sociologists
Urban and regionat planners
Social scientists, n.e.c.
Social and recreation workers
Social workers
Recreation workers
Teachers, college and university
Agriculture teachers
Atmospheric, earth, marine, end space teschera
Biology taachers
Chemistry teachers
Physics teachers
Engineering teachers
Mathernatics teachers
Health specialties teactiers
Psychology teachers
Business and commerce teachers
Economics teachers
History teachers
Sociology teachers
Social science teachers, n.e.c.
Art, drama, and music teachers
Cosches and physical education teachers
Education teachers
English teachers
Foreign language tachers
Home economics teachers
Law teechers
Theology teachers
Trade, industrial, and technical teachers
Miscelleneous teachers, college and university
Teachers, college and university, aubject not specified

Gecu. pationt Coda

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS-Continued

Teachers, except college and university Adult education teachers
Elementary school teachers Prekindergarten and kindergarten teachers Secondary school teachers Teachers, except college and university, n.e.c.
Engineering and science technicians

- Agriculture and biological technicians, except hoalth Chemical technicians


## Drahismen

Electrical and electronic engineering technicians
Industrial engineering technicians
Mechanical engineering technicians
Mathematical rechnicians
Sunveyors
Engineering and sciance tectrinicians, n.e.c.
Technicians, except health, and enginearing and science
Airplane pilots
Air traffic contrallers
Embalmers
Flight engineers
hadio operators
Tool programmers, numerical control
Technicians, n.e.c.
Vocational and educational counselors
Writers, artists, and entertainers
Actors
Athletes and kindred workers
Authors
Dancers
Designers
Editors and reporters
Musicians and composers
Painters and sculptors
Photographers
Public relations men and publicity writers
fadio and television announcers
Writers, artists, and entertainers, n.e.e.
Fesearch workers, not spacified
MANAGERS AND ADMINISTRATORS, EXCEPT
FARM
Assessors, controllers, and treasurers; local public administration
Bank officers and financial managers
Buyers and shippers, farm products
Buyers, wholesale and ratail trade
Credit men
Funeral directors
Health administrators
Construction inspectors, public administration
Inspectors, except construction, public administration
Managers and superintendents, building
Office managers, n.e.c.
Officers, pilots, and pursers; ship
Officials and administrators; public administration,
n.e.c.

Officials of lodges, societies, and unions
Postmasters and mail superintendents
Purchasing agents and buyers, n.e.c.
Railroad conductors

Occupation MANAGERS ANO AOMINISTRATORS, EXCIPT FARM-Continued

230
231
233
235
240
245

Restaurant, cafeteria, and bar managers
Sales managers and department heads, retail trade
Sales managers, except retail trade
School administrators, college
School administrators, elementary and secoricary
Managers and administrators, n.e.c.

## SALES WORKERS

Advertising agents and salesmen
Auctioneers
Demonstrators
Hucksters and peddlers
Insurance agents, brokers, and underwriters
Newsboys
Real estate agents and brokery
Stock and bond salesmen
Salesmen and sales clerks, n.e.c. ${ }^{\text {s }}$

## CLERICAL ANO KINDRED WORKERS

Bank tellers
Billing clerks
acokkeepers
Cashiers
Clerical assistants, social welfare
Clerical supervisors, n.e.c.
Collectors, bill and account
Counter clerks, except food
Dispatchers and starters, vehicle
Enumerators' and interviewers
Estimators and investigators, n.e.c.
Expediters and production controllers

## file clerks

Insurance adjusters, examiners, and investigators
Library attendants and assistants
Mail carriers, post office
Mail handlers, except post office
Messengers and office boys
Meter readers, utilities
Office machine operators
Bookkeeping and billing machine operators
Calculating machine operators
Computer and peripheral equipment operators
Duplicating machine operators
${ }^{\text {'Category }}{ }^{2} 280$ Salesmen and sales clerks, n.e.e"" was subdivided in the Census into 5 oceupation groups dependent on industry. The industry codes are shown in parentheses.

Occ. Code
281 Salas representatives, menufacturing industries (Ind. 107-399)
282 Sales representatives, wholesale trada (ind. 017.058, 507.599)

Sales clerks, retail trade (Ind. 608-699 except 618, 639, 649, 667, 668, 688)
Salesmen, retail trads (Ind. 607, 618, 639, 649, 667, 668, 688)
Salesmen of services and construction (Ind. ©67.078, 407.499, 707.947)

| Occu. pation Code | CLERICAL AND KINDRED WORKERS-Continued | Occu. pation Code | CRAFTSMEN AND KINDRED WORKERSContinued |
| :---: | :---: | :---: | :---: |
| Office machine operators-Continued |  |  |  |
| 345 | Key punch operators | 453 | Jewelers and watchmakers |
| 350 | Tabulating machine operators | 454 | Job and die setters, metal |
| 355 | Office machine operators, n.e.c. | 455 | Locomotive engineers |
| 360 | Payroll and timekeeping clerks | 456 | Locomotive firemen |
| 361 | Postal clerks | 461 | Machinists |
| 362 | Proofreaders | 462 | Machinist apprentices |
| 363 | Real estate appraisers |  | Mechanics and repairmen |
| 364 | Receptionists Secretaries | $\begin{aligned} & 470 \\ & 471 \end{aligned}$ | Air conditioning, heating, and refrigoration Aircrate |
| 370 | Secretaries, legal | 472 | Automobile body repairmen |
| 371 | Secretaries, medical | 473 (5) | Automobile mechanics |
| 372 (0) | Secretaries n.e.c. | 474 | Autornobile mechanic apprentices |
| 374 | Shipping and receiving clerks | 475 | Data processing machine repairmen |
| 375 | Statistical clerks | 480 | Farm implement |
| 376 | Stenographers | 481 | Heavy equipment mechanics, incl. diesel |
| 381 | Stock clerks and storekepers | 482 | Household appliance and accessory installers and |
| 382 | Teacher aides, exc. school monitors |  | mechanics |
| 383 | Telegraph messengers | 483 | Loom fixers |
| 384 | Telegraph operators | 484 | Office machine |
| 385 | Telephone operators | 485 | Radio and television |
| 390 | Ticket, station, and express agents | 486 | Railroad and car shop |
| 391 | Typists | 491 | Mechanic, exc. auto, apprentices |
| 392 | Weighers | 492 | Miscellaneous mechanics and repairmen |
| 394 | Miscellaneous clerical workers | 495 | Not specified mechanics and repairmen |
| 395 | Not specified clerical workers | $\begin{aligned} & 501 \\ & 502 \end{aligned}$ | Millers; grain, flour, and feed Millwrights |
|  | CRAFTSMEN AND KINDRED WORKERS | 503 | Molders, metal |
|  |  | 504 | Molder apprentices |
| 401 | Automobile accessories installers | 505 | Motion picture projectionists |
| 402 | Aakers | 506 | Opticians, and lens grinders and polishers |
| 403 | Blacksmiths | 510 | Painters, construction and maintenance |
| 404 | 8 8ilermakers | 511 | Painter apprentices |
| 405 | Bookbinders | 512 | Paperhangers |
| 410 | 8rickmasons and stonemasons | 514 | Pattern and model makers, exc. paper |
| 411 | Brickmasons and stonemasons, apprentices | 515 | Photoengravers and lithographers |
| 412 | Bulldozer operators | 516 | Piano and organ tuners and repairmen |
| 413 | Cabinetmakers | 520 | Plasterers |
| 415 (R) | Carpenters | 521 | Plasterer apprentices |
| 416 | Carpenter apprentices | 522 | Plumbers and pipe firters |
| 420 | Carper installers | 523 | Plumber and pipe fitter apprentices |
| 421 | Cement and concrete finishers | 525 | Power station operators |
| 422 | Compositors and typesetters | 530 | Pressmen and plate printera, printing |
| 423 | Printing trades apprentices, exce pressmen | 531 | Pressman apprentices |
| 424 425 | Cranemen, derrickmen, and hoistmen | 533 | Rollers and finishers, metal |
| 425 | Decorators and window dressers | 534 | Roofefs and slaters |
| 426 430 | Dental laboratory technicians | 535 | Sheetmetal workers and tinsmiths |
| 430 | Electricians | 536 | Sheetmetal apprentices |
| 431 | Electrician apprensices | 540 | Shipfiters |
| 433 | Electric power linemen and cablemen | 542 | Shoe repairmen |
| 434 | Electrotypers and stereotypers | 543 | Sign painters and letterers |
| 435 | Engravers, exc photoengravers | 545 | Stationary engineers |
| 436 | Excavating, grading, and road machine operators; exc. bulldozer | $\begin{aligned} & 546 \\ & 550 \end{aligned}$ | Stone cutters and stone carvers Structural metal craftsmen |
| 440 | Floor loyers, exc. tile seters | 551 | Tailors |
| 441 | Foremen, n.e.c. | 552 | Telephone installers and repairmen |
| 442 | Forgemen and hammermen | 554 | Telephone linemen and splicers |
| 443 | Furniture and wood finishers | 560 | Tile setters |
| 444 | Furriers | 561 | Tool and die makers |
| 445 | Glaziers | 562 | Tool and die maker apprentices |
| 446 | Heas treaters, annealers, and temperers | 563 | Uphoisterers |
| 450 | Inspectors, scalers, and graders; log and lumber | 571 | Specified craft apprentices, ne.c. |
| 452 | Inspectors, п.e.c. | 572 | Not specified apprentice |


| Oceu. pation Code | CRAFTSMEN AND KINDRED WORKERSContinued | OOCHpation Code | TPANSPORT EQUIPMENT OPEPAYIVES |
| :---: | :---: | :---: | :---: |
| 675 | Craftsmen end kindred workers, n.e.c. | 701 | Boatmen and canaimen |
| 580 | Former members of the Armed Forces | 703 | Bus drivers |
|  |  | 704 | Conductors and motormen, urban rail iransit |
|  |  | 705 | Deliverymen and routemen |
|  |  | 706 | Fork lift and tow motor operatives |
|  | OPERATIVES, EXCEPT TRANSPORT | 710 | Motormen; mine, factory, logging camp, ets. |
|  |  | . 711 | Parking attendants |
|  |  | 712 | Railroad brakemen |
| 601 | Asbestos and insulation workers | 713 | Railroad switchmen |
| 602 [7] | Assemblers | 714 | Taxicab drivers and chauffeurs |
| 603 | Blasters and powdermen | 715 (U) | Truck drivers |
| 604 | Bottling and canning operatives |  |  |
| 605 | Chaimmen, rodmen, and axmen; surveying |  |  |
| 610 | Checkers, examiners, and inspectors; manufacturing |  | LABORERS, EXCEPT FARM |
| 611 | Clothing ironers and pressers |  |  |
| 612 | Cutting operatives, n.e.c. | 740 | Animal caretakers, exc. famm |
| 613 | Dressmakers and seamstresses, except factory | 750 | Carpenters' helpers |
| 614 | Drillers, earth | 751 (V) | Construction laborers, exc. carpenters' helpers |
| 615 | Dry wall installers and lathers | 752 | Fishermen and oystermen |
| 620 | Dyers | 753 | Freight and material handiers |
| 621 | Filers, polishers, sanders, and buffers | 754 | Garbage collectors |
| 622 | Furnacernen, smeltermen, and pourars | 755 | Gardeners and groundskeepers, exc. farm |
| 623 | Garage workers and gas station attendants | 760 | Longshoremen and stevedores |
| 624 | Graders and sorters, manufacturing | 761 | Lumbermen, raftsmen, and woodchoppers |
| 625 | Produce graders and packers, except factory and farm | 762 | Stack handlers. |
| 626 | Heaters, metal | 763 | Teamsters |
| 630 | Laundry and dry cleaning operatives, n.e.c. | 764 | Vehicle washers and equipment cleaners |
| 631 | Meat cutters and butchers, exc. manufacturing | 770 | Warehousernen, n.e.c. |
| 633 | Meat cutters and butchers, manufacturing | 780 | Miscelianeous laborers |
| 634 | Meat wrappers, retail trade | 785 | Not specified laborers |
| 635 | Metal platers |  |  |
| 636 | Milliners |  |  |
| 640 | Mine operatives, n.e.c. |  | FARMERS ANO FARM MANAGERS |
| 641 | Mixing operatives |  |  |
| 642 | Oilers and greasers, exc. auto | 801 (W) | Farmers (owners and tenants) |
| 643 | Packers and wrappers, except meat and produce | 802 | farm managers |
| 644 | Painters, manufactured articles |  |  |
| 645 | Photographic process workers Precision machine operatives |  | FARM LABORERS AND FARM FOREMEN |
| 650 | Drill press operatives |  |  |
| 651 | Grinding machine operatives | 821 | Farm foremen |
| 652 | Lathe and milling machine operatives | 822 | Farm laborers, wage workers |
| 653 | Precision machine operatives, n.e.c. | 823 | Farm laborers, unpaid family workers |
| 656 | Punch and stamping press operatives | 824 | Farm service laborers, selt-employed |
| 660 | Piveters and fasteners |  |  |
| 661 | Sailors and deckhands |  |  |
| 662 | Sawyers |  | SERVICE WORKERS, EXC. PRIVATE |
| 663 | Sewers and stitchers |  | HOUSEHOLD |
| 664 | Shoemaking machine operatives |  |  |
| 665 | Solderers |  | Cleaning service workers |
| 666 | Stationary firemen | $\begin{aligned} & 901 \\ & 902 \end{aligned}$ | Chambermaids and maids, except private household Cleaners and chanwomen |
| 670 | Carding, lapping, and combing operatives | 903 (X) | Janitors and sextons |
| 671 | Knitters, loopers, and toppers |  |  |
| 672 | Spinners, twisters, and winders |  | Food service workers |
| 673 | Weavers | 910 | Bartenders |
| 674 | Textile operatives, n.e.c. | 911 | Busboys |
| 680 | Welders and flame-cutters | 912 | Cooks, except private household |
| 681 | Winding operatives, n.e.c. | 913 | Dishwashers |
| 690 | Machine operatives, miscellaneous specified | 914 | Food counter and fountain workers |
| 692 | Machine operatives, not specified | 915 (Y) | Waiters |
| 694 | Miscellaneous operatives | 916 | Food service workers, n.e.c., except private |
| 695 | Not specified operatives |  | household |

Oceu- SERVICE WORKERS, EXC. PRIVATE
pation
petion Code


Child care workers, private household Cooks, private household Housekeepers, private household Laundresses, private household Maids and servants, private household Housewifea Military

OCCUPATION NOT REPORTED²

Appendix C. 2
Fields of Study Directory in Numerical Order


| 0 0．499 | ORNITHCLOGY |  |
| :---: | :---: | :---: |
| OU5501 | BUSINESS．GENERAL |  |
| U 0.531 | COMMERCE，GENERAL |  |
| ¢ Ju502 | ACCOUNTING |  |
| $\therefore 09503$ | MUSINESS STATISTICS |  |
| 100504 | HANKING |  |
| $\therefore 0.504$ | FINANCE |  |
| $\cdots$－ 5565 | INYESTMENTS |  |
| $\therefore 505$ | SECURITES |  |
| －03506 | MANAGEMENT，EUSINESS |  |
| $\therefore$－ic5ig | BUSINESS MANAGEMENT |  |
| ： 35 ご6 | EUSINESS ADMINISTRATION |  |
| －35506 | ADMINISTRATION，BUSINESS |  |
| $\therefore 0507$ | OPERATIONS RESEARCH |  |
| $\therefore$ ¢ 6538 | RESTAUKANT MANAGEMENT |  |
| ©．0538 | hotel management |  |
| $\therefore 20509$ | MARKETING |  |
| \％u6599 | PUKCHASING |  |
| Cotsis | PUBLIC UTILITIES |  |
| i 06.510 | TRANSPORTATION |  |
| $\therefore 00511$ | REAL ESTATE |  |
| 二66512 | IHSURANCE |  |
| C60513 | INTERNATIONAL BUSINESS |  |
| 1．0513 | BUSINESS，INTERNATIONAL |  |
| $\therefore 1.514$ | SECRETARIAL STUCIES |  |
| 16．515 | FERSONNEL MANAGEMENT |  |
| －06516 | INUUSTRIAL RELATIONS |  |
| Ci0516 | LABOR RELATIONS |  |
| ［36517 | aUSINESS ECONOMICS |  |
| 0 O5517 | ECONOMICS，BUSINESS |  |
| 000601 | COMMUNICATION，GENERAL |  |
| － 3600 | JOURNALISM |  |
| $\bigcirc 04603$ | RADIO |  |
| Cu6603 | TELEVISIOA |  |
| 1160604 | ADVERTISING |  |
| $\because 0605$ | COMMUNICATION MEOIA |  |
| 600701 | COMPUTER SCIENCES，GENERAL |  |
| C60731 | INFORMATION SCIENCES，GENERAL |  |
| O60702 | INFORMATION SYSTEMS |  |
| － 40762 | INFORMATION SCIENCES |  |
| ：00702 | SYSTEMS，INFORIAATION |  |
| － 0.6703 | data processing |  |
| ¢50704 | COMPUTER FROGRAMMING |  |
| 006704 | PROGRAMMING，COMPUTER |  |
| 「60705 | SYSTEMS ANALYSIS |  |
| － 26799 | COMPUTER AND INFORMATICN SCIENCES | GTHER |
| － 68001 | EOUCATION．GENERAL |  |
| 060892 | ELEMENTARY EDUCATION，GENERAL |  |
| Cutic3 | SECONDARY EDUCATION，GENERAL |  |
| OC6834 | JUAIOR HIGH SCHOOL EDUCATION |  |
| c． 5805 | HIGHER EDUCATION．GENERAL |  |

CUS501 BUSINESS, GENERAL
U05531 COMMERCE, GENERAL
03503 HUSINESS STATISTICS

- 30504 HANKING
CCSO4 FINANCE
UUSG5 INYESTHENT
UJ506 MANAGEMENT, EUSINESS
iCSEG BUSINESS MANAGEMENT
UGEE6 EUSINESS ADMINISTRATION
¿5506 ADMINISTRATION, BUSINESS
US5C7 OPERATIONS RESEARCH
LS5A8 RESTAUKANT MANAGEMENT
053 HOTEL MANAGEMENT
MARKETING
OESIS PUBLIC UTILITIES
Oti51i TRANSPORTATION
GC511 REAL ESTATE
CuS12 INSURAFCE
cos international business
1014 BUSINESS: INTERNATIONAL
U.515 SECRETARIAL STUDIES
UOE516 INOUSTRIAL RELATIONS
U516 LABOR RELATIONS
OUS517 ECONOMICS, BUSINESS
CGUI COMMUNICATION, GENERAL
JGU2 JOURNALISM
- 6603
16 664 ADVERTISING
COOTOS COMMUNICATION MEOIA COMPUTER SCIENCES, GENERAL
CGG731 INFORMATION SCIENCES, GENERAL
OTOTE2 INFORMATION SYSTEMS
0772 INFORMATION SCIENCES
OC7G2 SYSTEMS, INFORIATION
CC703 DATA PROCESSING
OT704 COMPUTER FROGRAMMING
CLOT05 SYSTEMS ANALYSIS
CC799 COMPUTER AND INFORMATICN SCIENCES GTHER
GO8O1 EOUCATION. GENERAL
CuEacz ELEMENTARY EDUCATION. GENERAL
CGGOJ4 JUAIOR HIGH SCHOOL EDUCATION
C.JEBGS HIGHER EDUCATION. GENERAL

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；OSBi3 EOUCATION OF THE CULTUPALLY OISADVANTAGED
CO814 EDUCATION OF THE VISUALLY HANOICAPPED
GCBI5 SPEECH CORRECTION
COO816 EDUCATION OF THE EMOTIONALLY UJSTURHELI
？ 3817 REMEDIAL EDUCATION
$\because G 818$ SPECIAL LEARNING DISABILITIES
Gisig EDUCATION OF THE PHYSICALLY HANDICAPFED
rocgen EOUCATION OF THE MULTIFLE HANDICAFPED
OOG820 EOUCATION OF THE MULTIFLE HANOIC
0 OOB21 SOCIAL FOUNDATIONS OF EDUCATION
OGO821 SOCIAL FOUNDATIONS OF ED
？CJB21 PHILOSCPMY OF EOUCATION
COU821 HISTORY OF EDUCATION
3－0822 LEARNING THEORY
OCE822 PSYCHOLOGY．EDUCATION
900822 SDUCATIONAL PSYCHOLOGY
0 JOB23 PRE－ELEMENTARYEOUCATION
－ 0823 KINDERGARIEN EDUCATION
TOOR24 EOUCATIONAL STATISTICS
100824 EOUCATIONAL RESEARCH
00825 EDUCATIONAL MEASUREMENT
DOCB25 EDUCATIONAL EVALUATION
？23825 EDUCATIONAL TESTING
10C826 GUIDANCE，EDUCATION
TOU826 COUNSELING，EDUCATIONAL
．JO826 STUDENT PERSONNEL
COB27 EOUCAIIONAL ADMINISTRATION
TOER8 EDUCATIONAL SUPERVISION
－0is 829 INSTPUCTION
SOB29 CURRICULUM
COOBS＇s REAOING EDUCATION
CUCBSI ART EDUCATION
gSOA32 MUSIC EDUCATION
nergis MATMEMATICS，EDUCATION

nongs5 PHYSICAL EUUCATION
？GsBzG SAFETY EDUCATION

CCE837 FAMILY LIFE EDUCATION
－iCg37 HEALTH EDUCATION
CGB3B DISTRIBUTIVE EDUCATION
OUB38 COMMERCE EGUCATIGN
GOBBG BUSINFSS EDUCATION
－CO839 INOUSTRIAL ARTS EOUCATION


| 901004 | MUSIC COMPOSITION |
| :---: | :---: |
| 901005 | MUSIC (LIRERAL APTS PROGRAMS |
| 101006 | MUSIC APPRECIATION |
| ?61306 | MUSIC HISTORY |
| 001006 | MUSICOLOGY |
| :01067 | DRAMATIC ARTS |
| 101068 | DANCE |
| 201009 | ART. COMMERCIAL |
| 201609 | APPLIEO DESIGN |
| acices | COMMERCIAL ART |
| t01009 | CERAMICS |
| 201909 | METALSMITHING |
| 3く1069 | textile oesign |
| 361099 | WEAVING |
| 7014c9 | FASHION CESIGN |
| 001009 | JELELRY |
| 01009 | INTERIOR OECORATIOA |
| Jticio | CINEMATOGRAPHY |
| 9f1011 | PHOTOGRAPHY |
| T1599 | FIHE AND APPLIEO ARTS, OTHER SPECIFY |
| 221101 | FOREIGN LANGUAGES GENERAL |
| 361102 | FRENCH |
| TC1103 | GERMAN |
| -21164 | Italian |
| nc1105 | SPANISH |
| 901106 | RUSSIAN |
| 031107 | CHINESE |
| O1148 | Japanese |
| $\bigcirc 01109$ | LATIN |
| Cills | GREEK, CLASSICAL |
| cillil | HEPREV |
| 101112 | ARABIC |
| 201113 | Indian (asiatic) |
| 961114 | DANISH |
| 791114 | scanoinavian lathguges |
| C01114 | NORUEGIAN |
| $\because 91114$ | SWEDISH |
| \%C.1115 | SLAVIC Lafgguages (other than russiafl) |
| col116 | african languages (non semitic). |
| :c1199 | VIETMAMESE |
| $\bigcirc 01199$ | SANSKRIT |
| $\therefore 61199$ | CATALAN |
| -01199 | KORERN |
| :c1199 | FINNISH |
| 761201 | HEALTH PROFESSIONS, GEMERAL |
| ¢01202 | HEALTH CARE AUMINISTRATION |
| - 12 S 2 | HOSFITAL AOMINISTEATION |
| + 1203 | NURSING (BACCALAUREATE AND HIGHER PROGRAMS |
| - 31204 | DENTISTRY, D.D.S. OR D.M.D. DEGFEE |
| 01295 | DENTAL SFECIALTIES |
| -1266 | MECICINC. M.O. UEGRFE |

S1207 MEDICAL SPECIALTIES
S12C8 OCCUPATIONAL THERAPY
012 LG OFTOMETRY
© 1210 OSTEOPATHIC MEDICINE，C．O．DEGREE
C1211 PHARMACY
C1212 PHYSICAL THERAPY
01213 DENTAL HYGIENE
－ 3214 PUELIC HEALTH
二1215 MEOICAL RECORD LIBRARIANSHIP
जlels FOOJatry
O12：7 SIOMEDICAL COMMUNICATICN
C121H VETERIIAPY MEDICINE，D．V．M．DEGREE
：S1215 VETEAINARY MEDICINE SPECIALTIES
Ci220 SPEECH PATHOLGOY
： 1220 AUDIJLCGY
$\because 1221$ CHIROPRACTIC
©1222．CLINICAL SOCIAL WORK
U1222 REHABILITATION SERVICES
ن1223 MCRICAL LADORATORY TECHNOLOGIES
－©1224 HEATAL TECHNOLOGIES
¿1225 RADIOLOGIC TECHNOLOGIES
ご1299 MEUICAL ILLUSTRATION
EDSO1 HOME ECONOMICS，GENERAL
31302 HGME DECORATION
Z1302 HOME EQUIPMENT
QQ3n3 TEXTILES，HOME ECONOMICS
CuIJOJ CLOTHING
－OGI3C4 CONSUMER ECONOMICS
f iJ13u4 HONE MANAGEMEITT
COI3ES FAMILY RELATIONS
EC13ES FAMILY RELATIONS
EJBUS CHILD DEVELOPNENT
EJ13u5 CHILD OEVE
SW3CG FOODS AND NUTRITION
OU13G7 INSTITUTIONAL MANAGEMEN
TSi3at CAFETERIA MANAGEMENT
Gj14EI LAWG GENERAL

CÔ502 ENGLISH，LITERATURE
C1502 LITERATURE，ENGLISH
OLISTS LITEFATURE，COMPARATIVE
¿15E3 COMPARATIVE LITERATURE
－C15G4 CLASSICS
$\therefore 115 G 5$ LINGUISTICS
L1505 SEMANTICS
J15e5 FHONETICS
0.505 PHILOLOGY
© 61506 PUELIC AODRESS
CO1506 RHETORIC
． 01506 SPEECH
© 0150 G FORENSIC GCIENCE
D． 1506 DEBATE

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%91701
%01702
201702
%21703
301703
301861
n01802
T1803
?19C1
01902
01903
%41904
+01905
-21906
81967
*31908
J61909
*01910
\(\rightarrow 91911\)
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701912
f01913
91913
901914
001915
401916
001916
001916
$: 01917$
01917 EARTH SCIENCES GENERAL
T1918 PALEONTOLOGY
OCEANOGRAPHY
nc． 1929 METALLURGY
roleg9 HYDROLOGY
02001 PSYCHOLOGY．GENEFAL
CB2OC2 EXPERIMENTAL PSYCHCLOGY（ANIMAL）
62503 PSYCHOLOGY，CLINICAL
102003 CLINICAL PSYCHOLOGY
In2nO4 COUNSELING，PSYCHOLOGY FOR
G2OC4 PSYCHOLOGY FOR COUNSELING
？ 22 Z त5 PSYCHOLOGY．SOCIAL
G2EU5 SOCIAL PSYCHOLOGY
O20t6 PSYCHOMETRICS
32007 STATISTICS IN PSYCHOLOGY
：02008 PSYCHOLOGY．INDUSTRIAL
C2：08 INDUSTRIAL PSYCHOLOGY
©C2OD9 PSYCHOLOGY，DEVELOPMENTAL
TMOSPHERIC SCIENCES
METEOROLOGY
GEOLOGY
GEOCHEMISTRY
GEOPHYSICS
EISMOLOGY

SOCIAL PSYCHOLOGY

WRITING，CFEATIVE
TFACHING OF ENGLISH AS A FOREIGN LANGUAGE
ENGLISH AS A FOREIGN LANGUAGE
PHILOSOPHY
RELIGIOUS STUDIES
LIPRARY SCIENCE，GENEPAL
MATHEMATICS．GENERAL
MATHEMATICS，STATISTICS
STATISTICS，MATHEMATICAL ANO THEORETICAL
MATHEMATICS，APFLIED
APPLIED MATHEMATICS
ILITARY SCIENCE
Naval science
AEROSPACE SCIENCE
PHYEICAL SCIENCES，GENERAL
PHYSICS，GENERAL
MOLECULAR PHYSICS
NUCLEAR PHYSICS
CHEMISTRY，GENERAL
NOPGANIC CHEMISIRY
RGGAIC CHEMISTRY
PHYSICAL CHEMISTRY
ANALYTICAL CHEMISTRY
PHARMACEUTICAL CHEMISTRY
ASTRONTMY


141200 SALES REPRESENTATIVE
04120 O INCUSTRIAL MARKETING
041300 INSURANCE SALESPERSON
G413EO INSURANCE MARKETING/OISTRIEUTION
$\because 413 C J$ INSURANCE ADJUSTER
:4130J CLAIMS AGENT
041400 INTERNATIONAL TRADE
3415CO PERSONAL SERVICES MARKETINGIDISTRIEUTION
341500 PERSONAL SERVICES MARKEIING/OISTR
04160 S OIL JORBER
241600 SERVICE STATION OUNER/MANAGER/ATTENOANT
'417CO REAL ESTATE AGENT
941700 REALTOR
S417Â REAL ESTATE MARKETING/DISTAIBUTION
1041703 PROPERTY MANAGER
0417 UJ APPRATSER
34180: CAMP COUNSELOR
-418ה PLAYGROUND VORKER
©4i80 PECREATION ANO TOURISH
541800 TOUR GUIDE
941800 TRAVEL AGENT
2419GO TRANSPQRTATION MARKETINGIDISTRIBUTION
G419CG EUS DRIVER
041903 CAB DRIVER
$24200 \%$ RETAIL TRADE OTHER
G4310S WHOLESALE TRACE, OTHER
049900 EISTRIGUTIVE EDUCATION. OTHER
N 070101 OENTAL ASSISTING
a 370101 OENTAL ASSISTANT
C70102 DENTAL HYGIENE (ASSOCIATE DEGREE
070102 OENTAL HYGIENIST
Q 70102 ORAL HYGIENIST
;7U203 DENTAL LABORATORY TECHNOLOGY
070103 DENTAL LAB TECHNICIAN
070199 DENTAL, OTHER
77020 C MEOICAL LABORATORY TECHNOLOGY
070201 CYTOLOGY (CYTOTECHNOLOGY)
070201 LAB TECHNICIAN
070202 HISTOLOGY
©702E2 HISTOLOGIST
S 70203 MEUICAL LABORATORY ASSISTING
070204 HEMATOLIGIST
170204 HEMATOLGY
076299 MEDICAL LABORATORY TECHNOLOGY OTHEA
O703C1 NURSING (ASSOCIATE DEGREE)
379301 PRACTICAL NURSE
570302 PRACTICAL NURSE
© 70302 PRACTICAL (VOCATIONAL) NURSING
970303 NURSE:S AIDE
©70303 NURSING ASSISTANCE (AIOE)
-7C304 PSYCHIATRICAIDE

| 070305 | OPERATIHG ROOM NURSE |
| :---: | :---: |
| 076365 | SURGICAL TECHIIICIAN |
| 070399 | NURSING, OTHER |
| -70401 | OCCUFATIONAL THERAPY |
| 170401 | EMPLOYMENT COUNSELOR |
| 576492 | PHYSICAL THERAPY |
| $-76402$ | PHYSICAL THERAPIST |
| 270404 | ORTHOTICS |
| a7c499 | PROQRTION OFFICER |
| 7 73499 | REHABILITATION SERVICES OTHER |
| 070499 | vocational rehabilitation counselor |
| 370501 | X-RAY TECHNOLOGY |
| ¢79591 | X-RAY TECHNICIAR |
| 970501 | RADIOLOGIC TECHNOLOGY (X-RAY) |
| 373502 | RADIOLOGIST |
| .70562 | RAOIATION THERAPY |
| 773503 | NUCLEAR MEDICAL TECHNOLOGY |
| 670503 | NUCLEAR ENGINEER |
| 070599 | RADIOLOGIC, OTHER |
| 070600 | OPHTHALMOLOGIST |
| 070600 | OPHTHALMIC |
| 970600 | OPTOMETRIST |
| \%70660 | OPTICIAN |
| 972700 | SANITARY ENGINEER |
| 07070 C | SANITATION WORKER |
| 370700 | SANITATION AND PUBLIC HEALTH |
| 070700 | ENVIRONMENTAL HEALTH SANITARIAN |
| 070700 | ENVIRONAENTAL HEALTH |
| 970800 | mental health technology |
| 273800 | PSYCHIATAIST |
| 37986 | PSYCHOLOGIST |
| 070800 | ANALYST |
| 070901 | ENCEPHALOGRAPHER |
| 070901 | ELECTROENCEPHALOGRAPH TECHNOLOGY |
| 070902 | ELECTROCARDIOGRAPH TECHNOLOGY |
| 079902 | CARDIOGRAPH OPERATOR |
| 078902 | CARDIOGRAPHER |
| 070903 | INHALATION THERAPY (RESPIRATION) |
| 070903 | INHALATION THERAPIST |
| 070903 | INHALATION THERAPIST |
| 070903 | RESPIRATION THERAPHY |
| 070904 | RECEPTIONIST |
| 370904 | MEDICAL ASSISTING (PHYSICIAN'S OFFICE) |
| 270904 | OFFICE RUURSE |
| 270904 | TECHNICIAN |
| 070904 | L.AB TECMNICIAN |
| 070906 | PUELIC HEALTH TECHNICIAN |
| ¢79986 | PUELIC HEALTH EDUCATOR |
| -76906 | COMMUNITY HEALTH AIDE |
| -79907 | MEDICAL EMERGENCY TECHNICIAN |
| 976909 | MORTUARY SCIENCE |

## 076909 EMBALMER

T70909 FUNERAL OIRECTOR
970999 MISCELLANEOUS HEALTH OCCUPATIONS OTHER
799Cg HEALTH OCCUPATIONS, OTHER
C88444 UNCLASSIFIABLE CERTIFICATE
O9J1G: HOREMAKER
© 9020 HONE ECONOMICS: OCCUPATIONAL PREPARATION
C9E2JG HOME ECONOMICS INSTRUCTOR
090291 GUIDANCE COUNSELOR
C90201 GOVERNFSS
090201 NURSE
G9020: CARE AND GUIOANCE OF CHILDREN
C902O1 DAY CARE CENTER OPERATCR
Cg2i:2 OESIGNER (CLOTHING)
G90202 CLOTHING MANAGEMENT, PRODUCTION AND SERVICES
90202 SEAMSTRESS
$\therefore 95202$ TAILOH
90203 FOOD MANAGEMENT PRODUCIION AND SERVICES
552u3 FOOD BROKER
C900̈4 HOME FURNISHINGS EQUIPMENT ANO SERVICES
-9i204 CARPET INSTALLER
© 90205 INSTITUTIONAL AND HOME MANAGEMENT AND SERVICES
9O5:299 HOME ECONOMIST
-9L299 HCME ECONORICS: OCCUPATIONAL. OTHER
9629 HOME OEMONSTRATION AGENT
099112 HILITARY CERTIFICATE
? 140100 ACCOUNTING CLERK
N 140100 ACCOUNTING ANO COMPUTIAG OCCUPATIONS
$\because 140100$ ACCOUNTANT
140102 BOOKKEEPER
140103 CASHIER
1441 CA MACHINE OPERATIONS. BILLJNG, BKKP., COMPUTING
14 C105 BANK TELLER
140200 HUSINESS DATA PROCESSING SYSTEMS OCCUPATION
14E20: COHPUTER OPERATOR
140200 KEYPUNCH OPERATOR
140200 SYSTEMS ENGINEER
14C2GO SYSTEMS ANALYST
i4 42 :O FROGRAMMER
140300 FILING, OFFICE MACHINES, CLERICAL OCCUPATIONS
$14 C 4 G U$ INFORMATION COMMUNICATION OCCUPATIONS
145400 PRINTEF
: $4 C 400$ PRESSMAN
$14 C 400$ REPORTER
$14: 46 \mathrm{C}$ NEWSMAN/WGMAN
140400 COMMENTATOR
140400 EDITOR
146400 ANNOUNCER
14i451 COMMUNICATION SYSTEMS / CLERKS AND OPERATORS
140499 METER READER
$14 C 503$ PUPCHASING AGENT

140500 HATEPIALS SUPPORT OCCUPATIGHS
143600 PERSONNEL, TRAINING. AND RELATED OCCUPATIONS
140600 PERSONNEL MANAGER
140700 SECRETARY
140700 SECRETARY
140700 STENOGRAPHER
140700 STENO, SECRETARIAL AND RELATED OCCUPATIONS
140700 HORD PROCESSING SUPERVISOR
140703 STENOGRAPHER
140800 PUBLIC ADMINISTRATION ANO MANAGEMENT
140800 MANAGER
14C80 J ADMINISTRATIVE OFFICER, ADVINISTRATIVE ASSISTANT
:49800 AOMINISTRATIVE MANAGEMENT OCCUPATIONS
140900 TYPING ANO RELATED OCCUPATIONS
140901 CLERK/TYPIST
147900 OFFICE OCCUPATIONS : OTHER
160100 ENGINEERING - RELATED TECHNOLOGY
$16 G 101$ AIRCRAFT DESIGNER, STRESS ANALYST. TEST ANALYST
160101 AERONAUTICAL TECHNOLOGY
16 II 02 ANIMAL HUSHANDRY
160102 AGRICULTURAL TECHNOLOGY
160103 ARCHITECTURAL DESIGNER
160103 ARCHITECT
160103 ARCHITECTURAL TECHNOLOGY
160103 LANOSCAPE ARCHITECT
160104 AUTO TECHNICIAN
160104 AUTOMOTIVE TECHNOLOGY
160105 CHEMICAL TECHNOLOGY
160105 LAB TECHICIAN
160105 RESEARCH CHEMIST
160166 SANITARY ENGINEF
160106 MUNICIPAL ENGINEER
160106 MRAFFIC ENGINEER
160106 TRAFFIC ENGINEER
160106 FOUNDATION ENGINEER
160106 CIVIL TECHNOLOGY
160137 ELECTRICAL TECHNOLOGY
160108 CLETRONIC TECHNOLOGY
160108 ELECTRONIC TECHNOLOGY
160109 ELECTRONECHANICAL TECHNOLOGY
160110 ENVIRONMENTAL HEALTH TECHNOLOGIST
160110 ENVIRONMENTAL ENGINEER
160110 ENVIRONMENTAL CONTROL TECHNOLOGY
16C111 INDUSTRIAL TECHNOLOGY
160111 INDUSTRIAL ENGINEER
160112 INSTRUMENTATION TECHNOLOGY
160113 MECHANICAL TECHNOLOGY
160113 MECHANICAL ENGINEER
16「114 METALLURGICAL TECHNOLOGY
165114 METALLURGICAL ENGINEER
160115 NUCLEAR TECHNOLOGY
160116 PETROLEUM ENGINEEA
$16 \hat{3} 116$ PETPOLEUM TECHNOLOGY

16C601 FLICHT INSTRUCTOR
160601 COMMERICAL PILOT TRAINING
160604 MARINE SCIENTIST
16 i6:4 OCEANOGRAPHIC TECHNOLOGY

- 60605 SECRET SERVIC

16 CGCS NARCOTICS AGENT
1606OS PGLICE SCIENCE TECHNOLOGY
d6CGES POLICE OFFICER
1606 SHERIFF

IG0605 MARSMALL
164665
i foGGS DETECTIVE
162606 TEACHERS ASSISTANT
TEACHER*S AIDE
LOC6L7 INTERIOR OECORATOR
$1 G 2608$ LIGRARY ASSISTANT
16LGGA LIERARY AIDE
160620 FIRE AND FIRE SAFETY TECHNOLOGY
: GÜ620 PURLIC SAFETY OFFICER
IGU699 MISCELLANEOUS TECHNICALEDUCATION, OTHER

| $N \quad 169901$ |
| :--- |
| AIR POLLUTION TECH |

$1699: 2$ Haste treatment plant cperator
169902 WATER ANO WASTE WATER TECHNOLOGY
170100 AIR CONOITIONING INSTALLATION AND REPAIR
TLI9 AIR CONDITIONING - REFRIGERATION REPAIR
170206 TELEVISION REPAIRMAN
17520 C RAOIO REPAIRMAN
170301 AUTO REPAIRMAN
176302 AUTO MECHANIC

- 7 C3C3 AUTO SPECIALIZATION REFAIR

170399 GOOY ANO FENEER SPECIALIST
170399 PARTS DEALER
170400 AVIATION OCCUPATIONS
I70461 AIRCRAFT MAINTENANCE
7 AC401 AIRCRAFT MECHANIC
176462 AIKCRAFT OPERATIONS
AI TRAFFIC CONTROLLER
170403 AJACRAFT MECHANIC

170403 GROUND OPERATIONS (AIRCRAFT)
73499 AVIATION OCCUPATIONS OTHER
170590 BLUEPRINT REAUING
176600 BUSINESS MACHINE MAINTENANCE
17 U600 SERVICEMAN
1707 TO COHMERICAL ART OCCUPATIONS
170700 GRAPHICS DESIGISER
$17 C 700$ LAY-OUT ARTIST
170700 ILLUSTRATOR
173761 INTERIOR DECORATOR
170793 FASHION OESIGN (VOC)
17080 FISHERMAN
:17988O HATCHERY OPERATOR
170800 COMMERICAL FISHERY OCCUPATIONS
176900 COMMERICAL PHOTOGRAPHY OCCUPATIONS
174900 PHOTOGRAPHER
171001 CABINETMAKER
171201 CARPENTRY, CONSTRUCTION
171.J01 CARPENTER*S HELPER

171iU1 CARPENTER
171002 ELECTRICITY, CONSTRUCTION
171003 HEAVY EQUIPMENT MECHANIC
171003 HEAVY EOUIPMENT MAINTENANCE OPERATIONS
iTIOCA MASONRY
171304 MASON
171004 BRICKLAYER
171304 CONCRETE FINISHER
171005 PAINTER
171005 PAINTER
171005 PAPERHANGER
171005 PAPERHANGER
171006 PLASTERING
171306 PLASTERER
171007 PLPEFITTER
171007 PUUMBIWG
71007 PLUMBING ANO PIPEFITTING
171007 PLUR
71008 SHEETROCK INSTALLER
$713 C 8$ DFYWALL INSTALLATION
171009 GLAZING
171010 ROOFER
171910 ROOFING
171099 CONSTRUCTION AND MAINTENANCE TRADE OTHER
171100 CORRECTIONAL OFFICER
17110G CUSTOOIAL SERVICES
171100 PAROLE OFFICER
171100 WAROEN
171100 GUARO
171100 JAILER
171200 DIESEL MECHANIC
$1713 G \mathrm{DRAFTSMAN/WOMAN}$
171300 DRAFTING OCCUPATIUNS
:113GO CARTOGRAPHER

| 171400 | Electrician |
| :---: | :---: |
| 171400 | ELECTRICAL OCCUPATIONS |
| 171400 | ELECTRICAL ENGINEER |
| 171461 | INOUSTRIAL ELECTRICIAN |
| 171402 | LINEMAN |
| 171403 | ELECTRIC MOTOR REPAIR |
| 171501 | COMMUNICATION ASSEMBLY REPAIR. INSTALLATION, ETC. |
| 171502 | INDUSTRIAL ELECTRONICS |
| 171503 | RADIO AND TELEVISION REPAIR |
| 171599 | TRANSMISSION SUPERVISOR \{ELECTPICAL) |
| 171599 | ELECTRONICS OCCUPATIONS, EXCEPT RADIO ANO TV REPAIR |
| 171599 | ELECTRONIC ENGINEER |
| 171600 | FABRIC MAINTENANCE SERVICES |
| 171600 | LAUNDRY OPERATOR OR HORKER |
| 171600 | dry Cleaner |
| 171700 | FOREMAN S SUPERVISOR ANO MANAGEMENT DEVELOPMENT |
| 171900 | GRGPHIC ARTS OCCUPATIONS |
| 171900 | GRAPHIC ARTIST |
| 171900 | ENGINEERING GRAPHICS |
| 17:900 | DRAFTSMAN/ LOMAN |
| 171902 | PRINTER / PRESSMAN |
| 172600 | NUCLEAR ENGINEER |
| 172000 | Industaial atomic engery occupations |
| 172100 | INSTRUMENT MAINTENANCE ANO REPAIR OCCUPATIONS |
| 172100 | PIANO TUNER |
| 172200 | MERCHANT MARINE |
| 1722.20 | SAILOR |
| 172200 | SEAMAN |
| 172206 | SHIP CAPTAIN/OFFICER |
| 172200 | HARITIME OCCUPATIONS |
| 172302 | MACHINIST |
| 172302 | MACHINE SHOP OCCUPATIONS |
| 172342 | TOOL AND DIE MAKER |
| 172303 | MACHINE TOOL OPERAYIONS |
| 172306 | HELDER |
| 172366 | WELDING AND CUTTING |
| 172307 | TOQL AND DIE MAKING |
| 172399 | SMELTER WORKER |
| 172395 | METAL WOPKER |
| 172399 | METALWORKING, ALL OTHER |
| 172400 | METALLURGY OCCUPATIONS |
| 172601 | BARBERING |
| 172602 | BEAUTICIAN |
| 172632 | cosmetclogy |
| 172642 | COSMETIC ARTIST |
| 172662 | HAIR STYLIST |
| 172699 | MASSEUR |
| 172699 | BABY SITJER |
| 172699 | PERSONAL SERVICES, OTHER |
| 172699 | SHOE REPAIRMAN |
| 172700 | MOLDER |

172700 PLASTICS OCCUPATIONS
172801 FIREMAN TRAINING
172802 LAW ENFORCEMENT TRAINING
172890 INSPECTOR
172899
172899
172899
172900
172900
172990
172960
172903
17300 C
173100
1731 C
173200
173200
173200
173200
173200
173304
173300
173300
173300
173300
173420
173400 LEATHERHORKIN
173500 UPHOLSTERING
173500 UPHOLSTERER
173600 HOODYORKING OCCUPATIONS
179900 TRUCK DRIVING
179900 TRADE AND INDUSTRIAL OCCUPATIONS OTHER
999111 DRIVER•S LICENSE

## Appendix $C .3$

Two-Letter State Abbreviations and Codes

Code
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State
Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut CT
Delaware DE
District of Columbia DC
Florida FL
Georgia GA
Hawaii HI
Idaho ID
Illinois IL
Indiana IN
Iowa IA
Kansas KS
Kentucky KY
Louisiana LA
Maine ME
Maryland MD
Massachusets MA
Michigan MI
Minnesota $\quad \mathbb{N}$
Mississippi MS
Missouri 10
Montana MT
Nebraska NE
Nevada NV
New Hampshire NH
New Jersey NJ
New Mexico NM
New York NY
North Carolina NC
North Dakota ND
Ohio OH
Oklahoma OK
Oregon OR
Pennsylvania PA
Rhode Island RI
South Carolina SC
South Dakota SD
Tennessee TN
Texas TX
Utah UT
Vermont VT
Virginia VA
Washington WA
West Virginia WV
Wisconsin WI
Wyoming WY
Out of Country OC
Virgin Islands VI

## Appendix C. 4

Military Codes

Military Pay Grade Codes for First Follow-Up Question 70A, Second Follow-Up Question 126A, Third Follow-Up Question 124, and Fourth Follow-Up Question 160

| Pay Grade | Code | Pay Grade | Code |
| :--- | :---: | :---: | :---: |
|  |  |  |  |
| E1 | 01 | $01 \%$ | 11 |
| E2 | 02 | 02 | 12 |
| E3 | 03 | 03 | 13 |
| E4 | 04 | 04 | 14 |
| E5 | 05 | 05 | 15 |
| E6 | 06 | 06 | 16 |
| E7 | 07 | 07 | 17 |
| E8 | 08 | 08 | 18 |
| E9 | 09 | 09 | 19 |

[^37]Military Codes for Branches of the Armed Forces for First Follow-Up Question 65, Second Follow-Up Question 122, Thixd Follow-Up Question 119, and Fourth Follow-Up Question 155

> 01 - Air Force
> 02 - Army
> 03 - Navy
> 04 - Marine Corps
> 05 - Coast Guard
> 06 - National Guard
> 07 - Reserves (all branches)

Military Specialty Codes for Second Follow-Up Questions 125 and 126B, Third Follow-Up Questions 122 and 123 , and Fourth Follow-Up Questions 158 and 159

DOD codes 010-860 from the Occupational Conversion Table, Enlisted, were used in assigning Military Specialty Codes. An additional series of codes for classifying more general responses not classifiable by the DOD standard codes was established by RTI as follows:

900 - General rank only ("PVT.," "SGT.")
901 - Cadet, midshipman--student at a service academy
902 - Unidentifiable
903 - None
904 - Training courses for commissioned and noncommissioned officers
905 - Basic training

## Appendix C. 5

List of License, Certificate, or Diploma Codes for First Follow-up Question 43B

01 - Beautician
02 - Real Estate License
03 - Nursing Assistant
04 - Business Certificate
05 - Computer Operator Certificate
06 - Cashier-Checking Certificate
07 - Carpenter's License
08 - Medical Assistant Certificate
09 - FCC Third Class License
10 - Typist (Secretary)
11 - Mechanic, Drafting
12 - Inhalation Therapy
13 - Dental Assistant Certificate
14 - X-Ray Certification
15 - Law Enforcement Weapons Training
16 - Elementary Accounting
17 - Medical Secretary Certificate
18 - Marine Technician Certificate
19 - First Aid Certificate
20 - DHIR Supervisor
21 - Data Processing (Keypunch)
22 - Operating Room Technician Diploma
23 - Internship in Outdoor Recreation
24 - Miner's Certificate
25 - Marine Aviation Certificate
26 - Cook Certificate, Meat Cutter
27 - Modeling Certificate
28 - Practical Nurse
29 - Pre-Medical Certificate
30 - Chlorinator
31 - Shorthand Certificate
32 - Manager (unspecified whether certificate or diploma)
33 - Mechanic
34 - Fashion Merchandise Diploma
35 - Master Craftsman
36 - Private Pilots License
37 - Emergency Medical Technician
38 - Machine Repair Certificate
39 - Welder Certificate
40 - FAA Commerical Pilot
41 - Arts Degree (Associate)
42-Clerk
43 - Chauffeur
44 - Electronics Diploma
45 - Radio and TV Repairman
46 - Keypunch Operator
47 - Retail Floristry
48 - Art Certificate
49 - Blueprint Reading Diploma

50 - Bible Studies (Certificate-Diploma)
51 - Heavy Equipment Operator's License
52 - Hotel/Motel Management Diploma
53 - Pastry Man (Cake Decorator)
54 - Certificate Lighting Consultant
55 - Awarded Military Police
56 - Air Passenger Specialist (Airline Stewardess)
57 - Bookkeeping
58 - Engineman Certificate
59 - Commerical Broadcasting
60 - Dancing Certificate
61 - Flagman Certificate
62 - Food Inspector
63 - GED (General Equivalency Diploma)
64 - Honorary Certificate
65 - Inventory Management Specialist
66 - Distributor License
67 - Athletic Certificate
68 - Certified Baton Twirling Judge
69 - Locksmith Certificate
70 - Military Certificate
71 - U.S. Jaycees License 1 and 2
72 - Teaching Certificate (various)
73 - Public Service Certificate (Police, Fireman, etc.)
74 - Insurance Agent License
75 - USDA Inspector
76 - Aviation Electronics
77 - Drama Certificate
78 - Bartender's License
79 - Counseling Certificate
80 - Diploma Unspecified
81 - Certificate Unspecified
82 - Occupation Proficiency Degree Unspecified
83 - Speed Reading Certificate
84 - Public Weightmaster
85 - Surveying Certificate
86 - License Unspecified
87 - Notary Public
88 - Photographer
89 - Electrician
90 - Ordination Certificate (Priest, Minister, etc.)
91 - Animal Training Certificate
92 - Other:
Court Reporter
Plumber
Broker's License
Landscape Designer
Structure Assembler
Barber
Kennel License
MDTA
T.E.A.M.

Karate Diploma
C.5.1

## Appendix C. 6

Extended Codes for Second Follow-Up Questions 7, 12, 27, 34, 43, 47, 50, and 59

# Extended Codes for Second Follow-Up <br> Questions $7,12,27,34,43,47,50$, and 59 

The following list defines new codes created from "other" responses for several NLS second follow-up questions. The numerical coding of these "other" responses made possible the elimination of alpha data for these items.

SQ7--Reason for Moving

## Code Category

4 (new) Education related (change in status/program, spouse in school, transfer, graduate, course completion, off or onto campus).

5 (new) Job or military related (respondent/spouse: relocation, transfer, assigned, entered, discharged, closer to place of work).

6 (new) Financial reasons (less expensive, could not afford, etc.).

7 (new) Medical or health reasons.
8 (new) Environment-Location (to or from city or country, housing location, etc.).

9 (new) Move closer to or farther from some person.
10 (new) Change in marital or dependent status (including change in roomate's status).

11 (new) Independence, travel.
12 Other (miscellaneous, unclassifiable).

SQ12--Kind of October 1974 School
4 (new) Adult education, correspondence, high school.
5 (new) Military.
6 (new) Religion related.
7 Other (miscellaneous, unclassifiable).

## SQ27--Reason for Changing School

| Question | Code | Category |
| :---: | :---: | :---: |
| SQ27M | 1 | (new) Graduated or completed course. |
| SQ27N | 1 | (new) Military related reasons. |
| SQ27¢ | 1 | (new) Work related reasons. |
| SQ27P | 1 | (new) Transferred or moved. |
| SQ27Q | 1 | (new) Dislike or dissatisfaction. |
| SQ27R | 1 | (new) Family and personal reasons. |
| SQ27S | 1 | (new) Exchange or year abroad programs. |
| SQ27T | 1 | (new) Not previously in school, took a year off, did not change schools. |
| SQ27U | 1 | Other (miscellaneous, unclassifiable). |

SQ34--Kind of Other School
Code Cateogry
4 (new) Adult education, correspondence, high school.
5 (new) Military.
6 (new) Religion related.
7 Other (miscellaneous, unclassifiable).

## SQ43--Acceleration of College Program

| Question | Code | Catego |  |
| :---: | :---: | :---: | :---: |
| SQ43G | 7 | (new) | Night school/adu1t education/correspondence/ technical. |
| SQ43H | 8 | (new) | Employment related courses or job such as work-study. |
| SQ43I | 9 | (new) | Military-related courses or jobs. |
| SQ43J | 10 |  | Other (miscellaneous, unclassifiable). |

c.6.2

## SQ47--Scholarships

| Question | Code | Catego |  |
| :---: | :---: | :---: | :---: |
| SQ47J | 1 | (new) | Vocational rehabilitation, state or federal. |
| SQ47K | 1 | (new) | High school scholarship (funds controlled by school or any group operating in conjunction with school). |
| SQ47L | 1 | (new) | Civic, church, union, Fraternal, club, company. |
| SQ47M | 1 | (new) | Other public program (special purpose--not intended for general purpose of education). |
| SQ47N | 1 | (new) | National private source, competitive. |
| SQ470 | 1 | (new) | Small private, not elsewhere classified. |
| SQ47P | 1 |  | Other (miscellaneous, unclassifiable). |

## SQ50--Loans

Question Code Category
SQ50H
SQ50I
SQ50J 1
(new) Other Federal.
(new) Other organization.
Miscellaneous, unclassifiable.

SQS9--Training Program or Courses

| Question | Code |  | Category <br> SQ59J |
| :--- | :--- | :--- | :--- |
|  | 10 |  | (new) Volunteer program. |
| SQ59K | 11 |  | (new)- Internship. |
| SQ59L | 12 |  | (new) Program of instruction or training other <br> than OJT. |
| SQ59M | 13 |  | Other (miscellaneous, unclassifiable). |

Appendix C. 7
Created Response Categories for
Second Follow-Up Questions 44FA and 113DA

## Responses for SQ44FA



## Responses for SQ44FA (continued)

## COMBINATIONS OF FIVE

Code Combinations
26 ABCDE: Tuition, books, transportation, housing, and other expenses

## Responses for SQ 113DA

Code

1 Your own and spouse's wages
2

3
4

## Description

Your own wages and other income
Spouse's wages and other income

Your own wages, spouse's wages, and other income

Appendix C. 8
Created Response Categories for
Third Follow-Up Questions 89GAA, 89GBA, and 99GA

## List of Created Response Categories for

Third Follow-Up Questions 89GAA, 89GBA, and 99GA

COMBINATIONS OF TWO

| Code | Combinations |  |
| ---: | :--- | :--- |
| 1 | $\mathrm{AB}:$ | Tuition and books |
| 2 | $\mathrm{AC}:$ | Tuition and transportation |
| 3 | $\mathrm{AD}:$ | Tuition and other school-related expenses |
| 4 | $\mathrm{AE}:$ | Tuition and housing |
| 5 | $\mathrm{AF}:$ | Tuition and all other expenses |
| 6 | $\mathrm{BC}:$ | Books and transportation |
| 7 | $\mathrm{BD}:$ | Books and other school-related expenses |
| 8 | $\mathrm{BE}:$ | Books and housing |
| 9 | $\mathrm{BF}:$ | Books and all other expenses |
| 10 | $\mathrm{CD}:$ | Transportation and other school-related expenses |
| 11 | $\mathrm{CE}:$ | Transportation and housing |
| 12 | $\mathrm{CF}:$ | Transportation and all other expenses |
| 13 | $\mathrm{DE}:$ | Other school-related expenses and housing |
| 14 | $\mathrm{DF}:$ | Other school-related expenses and all other expenses |
| 15 | $\mathrm{EF}:$ | Housing and all other expenses |

## COMBINATIONS OF THREE

Code Combinations
16 ABC: Tuition, books, and transportation
17 ABD: Tuition, books, and other school-related expenses
18 ABE: Tuition, books, and housing
ABF: Tuition, books, and all other expenses
ACD: Tuition, transportation, and other school-related expenses
ACE: Tuition, transportation, and housing
ACF: Tuition, transportation, and all other expenses
ADE: Tuition, other school-related expenses, and housing
ADF: Tuition, other school-related expenses, and all other expenses
AEF: Tuition, housing, and all other expenses
BCD: Books, transportation, and other school-related expenses

COMBINATIONS OF THREE (continued)

| Code | Combinations |
| :--- | :--- |
| 27 | BCE: Books, transportation, and housing |
| 28 | BCF: Books, transportation, and all other expenses |
| 29 | BDE: Books, other school-related expenses, and housing |
| 30 | BDF: Books, other school-related expenses, and all other expenses |
| 31 | BEF: Books, housing, and all other expenses |
| 32 | CDE: Transportation, other school-related expenses, and housing |
| 33 | CDF: Transportation, other school-related expenses, and all |
| 34 | CEF: Transportation, housing, and all other expenses |
| 35 | DEF: Other school-related expenses, housing, and all other expenses |

COMBINATIONS OF FOUR
Code Combinations

36

ABCD: Tuition, books, transportation, and other school-related expenses
ABCE: Tuition, books, transportation, and housing
ABCF: Tuition, books, transportation, and all other expenses
ABDE: Tuition, books, other school-related expenses, and housing
ABDF: Tuition, books, other school-related expenses, and all other expenses

ABEF: Tuition, books, housing, and all other expenses
ACDE: Tuition, transportation, other school-related expenses, and housing
ACAF: Tuition, transportation, other school-related expenses, and all other expenses

ACEF: Tuition, transportation, housing, and all other expenses
ADEF: Tuition, other school-related expenses, housing, and all other expenses

BCDE: Books, transportation, other school-related expenses, and housing
BCDF: Books, transportation, other school-related expenses, and all other expenses
BCEF: Books, transportation, housing, and all other expenses
BDEF: Books, other school-related expenses, housing, and all other expenses

CDEF: Transportation, other school-related expenses, housing, and all other expenses

COMBINATIONS OF FIVE

## Code Combinations

51 ABCDE: Tuition, books, transportation, other school-related expenses, and housing
52 ABCDF: Tuition, books, transportation, other school-related expenses, and all other expenses
53 ABCEF: Tuition, books, transportation, housing, and all other expenses

54 ABDEF: Tuition, books, other school-related expenses, housing, and all other expenses

55 ACDEF: . Tuition, transportation, other school-related expenses, housing, and all other expenses

56 BCDEF: Books, transportation, other school-related expenses, housing, and all other expenses

## COMBINATIONS OF SIX

Code Combinations
57 ABCDEF: All possible categories combined

## Appendix C. 9

List of Questions with Resolvable Multiple Responses

# List of Second Follow-Up Questions <br> With Resolvable Multiple Responses 

The following list specifies the second follow-up questions with resolvable multiple responses and the editing procedures used in resolving the answers.

Question
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95
97
98
99
101
109
111
113
114
116
117
119
120
129
140
150
151

Subject
Hours in class
Field of study
Length of program of studies
Hours worked
Grades

Credits earned
Cost of school
Months in school
Value of scholarships
Value of loans
Value of assistance from family or friends
Value from savings
Program length
Time to find work
Hours per week
Earnings
Hours per week
Earnings
Hours per week
Earnings
Weeks of work
Different employers
Weeks looking (year)
Weeks looking (September)
Spouse's education
Number of dependents
Income
Total income
Money owed
Savings
Brothers
Sisters
Remain in Armed Forces
School expectations
Grade school ethnicity
High school teachers

Editing Procedure
Average
Use SQ i9 as guide
Highest
Highest
Lowest grade (highest numbered foil)
Average
Average
Average
Average
Average
Average
Average
Highest
Highest
Average
Average
Average
Average
Average
Average
Average
Average
Average
Highest
Highest
Highest
Average
Average
Highest on each line
Highest on each line
Highest on each line
Highest on each line
Highest
Highest
Average
Highest

## List of Third Follow-Up Questions

With Resolvable Multiple Responses

Question
Number
Subject
Editing

TQ15
TQ16
TQ20
TQ30
TQ31
TQ36
TQ37
TQ41A
TQ41B
TQ42A
TQ4 2B
TQ43A
TQ43B
TQ49A
TQ49B
TQ59
TQ71
TQ87A
TQ87B
TQ87C
TQ88AB
TQ88BB
TQ89AA-FB
TQ89GAB, GBB-HB
TQ91
TQ93
TQ95
TQ9 7
TQ99
TQ100
TQ133
TQ1 34
TQ135
TQ141
Hours worked per week
Earnings per week
Number of people supervised
Hours worked per week
Earnings per week
Hours worked per week
Earnings per week
Number of employers
Number of employers
Number weeks worked
Number weeks worked
Weeks looking for work
Weeks looking for work
Highest level of education attained
Highest level of education expected
Hours per week in class
Hours per week in class
Number of quarter hours
Number of semester hours
Number of other credits
Months in school
Months in school
School expenses
School expenses
Scholarships
Loans
Financial assistance from relatives, friends
Money from savings, earnings
Expected school expenses
Amounts for meeting expenses
Spouse's hours worked per week
Spouse's earnings per week
Spouse's level of education
Income

Procedure
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Highest
Highest
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Highest
Average

Question Number

19
20
22
24
29
37
38
42
43
47
48
52
53
57
58
60A-C
61A-C
$62 \mathrm{~A}-\mathrm{C}$

117

Subject
Hours looking for work
Acceptable earnings per week
Hours worked per week
Earnings per week
Number of people supervised
Hours worked per week
Earnings per week
Hours worked per week
Earnings per week
Hours worked per week
Earnings per week
Hours worked per week
Earnings per week
Hours worked per week
Earnings per week
Number of employers
Weeks worked
Weeks looking for work, etc.
College education
Expected college education
Credits earned
Hours per week in class
Actual or intended field of study
Hours per week in class
Actual or intended field of study
Hours per week in class
Actual or intended field of study
Number of times changed field of study
Number of times changed schools
Number of times withdrawn from school
School expenses--tuition and fees
Total school expenses
Scholarships
Loans
Financial assistance from relatives or friends
Money from savings or earnings
Expected school expenses--tuition and fees
Expected total school expenses
How meeting expenses
How meeting expenses
Months to complete graduate program
Months in graduate program completed Graduate credits

Editing
Procedure
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Highest
Highest
Average
Average
Use 86 as guide
Average
Use 86 as guide
Average
Use 110 as guide
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average
Average

| Question <br> Number | Subject | Editing <br> Procedure |
| :---: | :--- | :--- |
| -170 | Spouse's hours worked per week | Average |
| 171 | Spouse's earnings per week | Average |
| 172 | Spouse's education | Highest |
| 186 | Value of home | Average |
| 187 A | Money owed-education | Average |
| 187 B | Money owed-mortgage | Average |
| 187 C | Money owed-other debts | Average |
| 188 A | Monthly payments-education | Average |
| $188 \mathrm{~B}, \mathrm{C}$ | Monthly payments-mortgage, other debts | Average |
| $190 \mathrm{~A}, \mathrm{~B}$ | Income-own wages, spouse's | Average |
| $190 \mathrm{C}, \mathrm{D}, \mathrm{E}$, | Public assistance, unemployment compen- | Average |
| 190 F | sation, etc. |  |
| 190 G | All other combined income | Average |
|  | Total combined income | Average |


| Question Number | Subject | Editing Procedure |
| :---: | :---: | :---: |
| B-3 |  |  |
| D-3 | . |  |
| F-3 | Hours worked per week | Average |
| H-3 |  |  |
| J-3 |  |  |
| B-4 |  |  |
| D-4 |  |  |
| F-4 | Earnings per week | Average |
| H-4 |  |  |
| J-4 |  |  |
| K-3 | Highest level of education | Highest |

Appendix C. 10
List of FICE Codes, in Alphabetical Order by State and City

| 01 | ANCHORAGE |
| :---: | :---: |
| 01 | ANDALUSIA |
| 01 | ATHENS |
| 01 | a |
| 01 | B＊HAM |
| 61 | BAY MINETTE |
| 01 | BIRMINGHAM |
| 01 | BIRHINGHAM |
| 01 | BIRHINGHAM |
| 01 | BIRMI NGHAM |
| 01 | BIRMINGHAM |
| 01 | BIRHINGHAM |
| 01 | BIRMINGHAM |
| 01 | BIRMINGHAM |
| 01 | BIRMINGHAM |
| 31 | BIRMINGHAM |
| C1 | BIRMINGHAM |
| 01 | BIRHINGHAM |
| 01 | EIRHINGHAM |
| 01 | EIRMINGHAM |
| 01 | BIAMINGHAM |
| 01 | AOAZ |
| 01 | ERENTON |
| 01 | CHILOERSEURG |
| 01 | CULLMAN |
| 01 | CULMON |
| 01 | dECATUR |
| 01 | DECATUR |
| 01 | decatur |
| 01 | ENTERPRISE |
| 01 | EVERGREEN |
| 01 | FAYETIE |
| 01 | FLORENCE |
| 01 | FT RUCKER／OZARK |
| C1 | GADSDEN |
| 01 | GADSDEN |
| 01 | GADSOEN |
| 01 | HAHILTON |
| 01 | HUNTSVILLE |
| 01 | HUNTSVILLE |
| 01 | HUNTSVILLE |
| 01 | HUNTSVILLE |
| 01 | JACKSONVILLE |
| 01 | JASPER |
| 01 | LIVINGSTON |
| 01 | MARION |
| 01 | MARION |
| 01 | MOBILE |
| 01 | MOBILE |
| 01 | MOBILE |
| 01 | MOBJLE |
| 01 | MOBILE |
| 01 | hobjle |
| 01 | hoblle |
| 01 | MOBILE |


| UAIVERSITY OF ALASKA | $011462$ |
| :---: | :---: |
| LURLEEN 6 UALLACE ST JR C | 008988 |
| A THENS COLLEGE | 001008 |
| A UBURN UNIV | 001009 |
| SOUTHERN RUSINESS CLG | 009435 |
| FAULKNER STATE JR | 001060 |
| ALVERSON－DRAUGHON | $0 C 4458$ |
| BIRMINGHAM SOUTHERN C | 001012 |
| BOOKER T HASHINGTON | 004461 |
| DANIEL PAYNE COLLEG | 001014 |
| HERZING INSTITUTES | 010193 |
| JEFFERSON ST | 001022 |
| LAUSON STATE JUNIOR COLL | 011395 |
| medical careers | 011287 |
| Miles College | 001028 |
| SAMFORD COLLEGE | 001736 |
| ST VINCENT SCH NURSNG | 006154 |
| THEOUORE A LAWSON ST J C | 001059 |
| UNI OF ALA SCH OF NUASING | 006156 |
| UNITED ELECTRONIC INS | 010846 |
| UAIV OF ALABAMA | 001052 |
| SNEED ST JR COL | 001038 |
| JEFF DAVIS JR C | 001021 |
| NUNNELLEY St TECH COL | 005695 |
| GEORGE NALLACE TECH | 007871 |
| ST BERNARD COL | 001043 |
| ALERIGHT COLLEGE | 005184 |
| JOHN C CALHOUN JR COL | 001013 |
| JCHN C CALHOUN ST CC | 005735 |
| ENTERPRISE JR C | 001015 |
| ED REIO VO TECH | 005692 |
| BPEUEA STATE JR COLLEGE | nc9134 |
| FLORENCE STATE UNIV | 001016 |
| AL AVIATION 8 TECH COL | 005749 |
| GADSOEN BUSINESS CLLG | 004462 |
| GADSOEN JR CLG | 001017 |
| GADSEN SI TECH INST | 005702 |
| n y alabaha st tech C | 005696 |
| ALVERSON DRAUGHON BUS COL | C04460 |
| HUNTSVILLE VOC TECH | 011569 |
| J F Drake tec s | 005260 |
| UNIV OF ALABAMA | 001055 |
| Jacksonville state univ． | 001020 |
| Ualker JR COL | 091058 |
| LIVINGSTON UNIVERSITY | 001024 |
| JUDSON | 001023 |
| marion institute | c 01026 |
| CARVER SIATE TECH | 005703 |
| MASTIN SCHOOL OF NURSING | 006150 |
| MC．INF．COL．DIV．OF NURSING | 006913 |
| MCBILE CITY College | 001929 |
| PROVIDENCE SCH OF NURSING | 006152 |
| S O BISHOP JR CLG | 001030 |
| SCHOOL RADIOLOG | 011489 |
| SOUTHHEST STATE TECH CLG | 005247 |

01 Mo日ile 01 MOBILE
01 HONROEVILLE al hontevallo 01 MONTG
01 MONTGOHERY
al MONTGOMERY
91 MONTGOMERY
OI MONTGOMERY
01 MONTGOMERY
OI MONTGOMERY
01 MONTGOMERY
01 MUSCLE SHOALES
01 RUSCLE SHOALES
31 NORMAL
01 OPEL
01 OPP
01 OPP
01 PHFNIX CITY
01 PHFNIX CITY
01 PHIL CAMPBELL
O1．PHIL CAMPBEL
01 RAINSVILLE
01 SELMA
01 SELMA
01 SYLACAUGA
01 TALLADEGA
31 TROY
01 Tuscaloosa 01 tuscaloosa 01 TUSCALOOSA 01 TUSCALOOSA 01 TUSKEGEE 01 WADLEY 02 anchorage 02 ANCHORAGE 02 FAIRBANKS 02 JUNO 02 KETCHIKAN 02 PALMER 02 SITKA 03 CLARKDALE 53 COOLIDGE 03 DOUGLAS 03 FLAGSTAFF 03 FLAGSTAFF 03 GLENDALE 03 GLENOALE 03 GLENDA 03 MESA
03 PHOENIX
03 PHOENIX
03 PHOENIX
03 PHOENIX
03 PHOENIX
03 PHOENIX
03 PHOENIX 33 PHOENIX 03 PHOENIX 03 PMOENIX 03 PMOENIX

| SPRING HILL COLLEGE | 901541 |
| :---: | :---: |
| UNIV SOUTH AL | － 01057 |
| PATRICK HENRY JR COLLEGE | （1）1034 |
| UNIV OF MONTEVALLO | OJ13J4 |
| TRENHOLM ST TECH VOC | 035734 |
| AL CHRISTIAN CO | 291903 |
| ala state university | 601005 |
| AUEURN UNIVERSITY | $\sim 08310$ |
| HUNTINGDON COLLG | ［31510 |
| M DRAUGHON EUS C | ？ 34463 |
| TROY St UNIV | T31549 |
| muscle shoales tech inst | こ05697 |
| ALABAMA A \＆M UNIVERSIJY | ：191602 |
| OPELIKA ST TECH COL | ¢05694 |
| MAC ARTHUR ST TECH | 「95698 |
| CHATTAHOOCHEE VALLEY COMM | $\therefore 12103$ |
| NORTH WEST AL JR COL | 091332 |
| NORTHEAST ST | fulu31 |
| GEORGE WALLACE JR．CLG． | 307989 |
| SELMA UNIV | Cc1337 |
| SYLACAUGA NURSI | 706155 |
| talladega college | $\bigcirc 91046$ |
| TROY STATE UNIVERSITY | 001647 |
| ALABAMA INST OF BUS | （11147 |
| SHELTON ST TECH | $\cdot 35691$ |
| STIGLMAN COLLEGE | ［91044 |
| UNIV OF ALABAMA | 201051 |
| TUSKEGEE INSTITUTE | 001059 |
| SOUTHERN UNION ST．JR CLG | 20104？ |
| ALASKA BUSINESS CLG | $\therefore 07713$ |
| UNIVERSITY OF ALASKA | r01064 |
| UNIVERSITY OF ALASKA | ¢01063 |
| UNIV OF ALASKA | 211463 |
| KETCHIKAN COMM COLLEGE | $n 01967$ |
| METHOOIST UNIV | C01068 |
| SITKA COMMUNITY COLLEGE | celc69 |
| YAVAPAI COLLEGE | 012638 |
| CENTRAL ARIZONA COLLEGE | r072月3 |
| COCHISE COLLEGE | r01072 |
| FLAGSTAFF | 91.022 |
| NORTHERN ARIZONA UNIV | reter2 |
| AMER GRAD SCH OF INT MGMT | f01073 |
| ARIZONA AUTOMOTIVE INSTIT | 910847 |
| GLENOALE COM COL | 0.01076 |
| hesa com college | 0.01077 |
| AZ MEDIDENT AS C | 210209 |
| blair college | 007604 |
| GRYMAN SCHOOL | F11148 |
| DEVRY INST TECH | 608322 |
| GRAND CANYON COLLEGE | ¢01074 |
| LARSON BUSINESS | 005186 |
| MARICOPA TECH C | 008303 |
| PHOENIX COMM COLLEGE | （31078 |
| SOUTHUESTERN PREPARATOAY | 307113 |
| UNITEO ELECTRON | ：11751 |
| UNIVERSAL TEC | －19221 |


|  |  | CITY | SCHOOL | FICE | ST | CITY | SCHOOL | FICE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 03 | PHX | SCUTHUESTERN INSTITUYE | 010104 | 05 | ANAHEIN | NO AM SCH OF CONSER \& ECO | 004320 |
|  | 03 | PRESCOTT | YAVAPAL COL | 001079 | 05 | ANGUIN | PACIFIC UNION COLLEGE | 031258 |
|  | 03 | SCOTTSDALE | SCOTTSOALE COMM COL | 308304 | 05 | APTOS | CABRILLO COLLEGE | C01124 |
|  | 03 | SPRINGERVILLE | NORTHLANO PIONEER COLLEGE | 011862 | 05 | arcata | CAL ST UNIV-HUMBOLDT | nsilla |
|  | 03 | TEMPE | ARIZONA STATE UNIV | 001081 | 05 | AZUSA | AZUSA PACIFIC C | ¢01117 |
|  | 03 | thatcher | EASTERN AZ JR | 001073 | 05 | A2USA | CITRUS CLG | 901166 |
|  | 03 | TUCSON | A 2 OENT HED AST | 010315 | 05 | BAKERSFIELO | BAKERSFIELD COMM CLG | 001118 |
|  | 03 | tucson | PIMA COHMUNITY CCLLEGE | C 07266 | 05 | BAKERSFIELD | CALIFORNIA STATE | 037993 |
|  | 03 | tucson | PIMA COUNTY MEDICAL INSTI | 009206 | 05 | BAKERSFIELD | KERN CTY JUV HAL | 306994 |
|  | 03 | TUCSON | TUCSON BEAUTY CLG | 010113 | 05 | BARSTOW | BAFSTOU COLLEGE | 001119 |
|  | 03 | TUCSON | UNIVERSITY OF ARIZONA | 201083 | 05 | BELMONT | COL NOTRE OAME | 001179 |
|  | 03 | YUMA | ARIZONA WESTEAN COLLEGE | 001071 | 05 | BERKELEY | ARMSTRONG COLLEGE | 301115 |
|  | 04 | ARKADELPHIA | henoerson state college | 00109 A | 05 | BERKELEY | EER ADULT SCHE | 305721 |
|  | 04 | ARKADELPHIA | OUACHITA BAPTIST U. | 001102 | 05 | BERKELEY | UNIV OF CALIF | 001312 |
|  | 04 | BEEAE | ARKANSAS STATE UNIV | 001091 | 05 | BERKELEY | $v$ c eerkeley | 910242 |
|  | 04 | blytheville | COTTON BOLL VOCAT TECHN | 005250 | 05 | QUENA PARK | HARINELLO SCH Of BEAUTY | 007456 |
|  | 04 | CONUAY | ARKANSAS ST COL | 001092 | 05 | CANOGA PARK | GRYMAN SCHOOL | 011109 |
|  | 04 | conkar | CENTRAL BAPTIST CLG | 001093 | 05 | CHICO | QUTTE JUNIOR COLLEGE | 296972 |
|  | 04 | CONWAY | HENDRIX COLL | 001099 | 05 | CHICO | CALIFORNIA STATE UNIV. | 001146 |
|  | 04 | EAST CARDEN | S OUTHWEST TECH INSTIT | 007738 | 05 | ChUla vista | CHULA VISTA ADULT SCH | 005737 |
|  | 04 | EL BORADO | OIL BELT VOC TECH SCHOOL | $0 ¢ 7042$ | 05 | CHULAISTA | SOUTH WEST COMMUN COL | $C 91294$ |
|  | 04 | FAYETTEVILLE | U OF ARKANSAS | 061108 | 05 | CLAREMONT | CLAREMONT MENS COLLEGE | $\because 31170$ |
|  | 04 | FORT SHITH | MELLIE'S BEAUTY COLLG | 010741 | 05 | CLAREMONT | HARVEY MUNO | co1171 |
|  | 04 | FIS SMITH | WESTARK COHM COLLEGE | $001110$ | 05 | CLAREMONT | PITEER CLG |  |
|  | 04 | helena | PHILLIPS COMM CG | 001104 | 05 | CLAREMONT | POHONA COL | 091173 |
|  | 04 | HOT SPRINGS | GARLAND COUNTY COMMUNITY | 012105 | 05 | COAL INGA | WEST HILLS | $\bigcirc 31176$ |
|  | 04 | HOT SPRINGS | HOT SPRINGS REHABILIT | 007646 | 05 | COLUMBIA | COLUMBIA JR COLLEGE | $107797$ |
|  | 04 | JONESBORO | ARKANSAS STATE UNIVERSITY | 001090 | 05 | COMPTON | COMPTON COM COL | $001188$ |
| ? | c4 | LITTLE ROCK | ARKANSAS BAPTIST COLL | 001087 | 05 | COMP TON | EDVARD G CHEATER ADULT CT | ¢05712 |
|  | 04 | Liftle rock | CAPITAL CITY BUSIN C | 007474 | 05 | costa mesa | ORANGE COAST COLLEGE | ©01250 |
| 0 | 09 | LITTLE ROCK | LITTLE ROCK VOC SCHOOL | 005708 | 05 | costa mesa | SOUTHERN CALIFORNIA COLL | 501293 |
| N | 04 | LITTLE ROCK | PHILANOER SHITH | 001103 | 05 | COVINA | TRI-COMM ADULT |  |
|  | 04 | LITTLE ROCK | THIN LAKER VO-TECH | $007045$ | 05 | CULVER CITY | WEST LOS ANGELES COL | 308596 |
|  | 04 | LITTLE ROCK | U. OF ARKANSAS MEDICAL | $001109$ | 05 | CUPERTINO | DE ANZA JUNIOR COLLEGE | $20448 ?$ |
|  | 34 | LITTLE ROCK | URITED ELECTRONC | 010634 | 05 | CYPAESS | CYPRESS COLLEGE | $101193$ |
|  | 1.4 | LITTLE ROCK | UNIVERSITY OF ARKANSAS | 001101 | 05 | DAVIS | UNIV. OF CA. DAVIS | $\cos 313$ |
|  | 04 | hagnolia | S OUTHERN ARKANSAS UNIV | 001107 | 05 | DOMINGUEZ HILLS | CALIFORNIA STATE COLLEGE | $901141$ |
|  | 04 | MALVERN | QLACHITA VOCTECH SCHOOL | 009976 | 05 | DOWNEY | BLAIR COLLEGE | $\therefore 11882$ |
|  | ${ }_{6} 4$ | MELBOURN | MELBOURN VOC SCH | 013217 | 05 | DOUNEY | OOWNEY ADULT SCHOOL | 105638 |
|  | 04 | MONTICELLO | UNIVERSITY OF ARKANSAS | 001085 | 05 | DURHAM | BUTTE COMM COLLEGE | C98673 |
|  | 04 | OZARK | OZARK TECH SCHOOL | 005249 | 05 | EAST PALO ALTO | NAIRORI COLLEGE | $30924 \text {; }$ |
|  | 04 | PINE BLUFF | ARKANSAS A 8 m | 001586 | 05 | EL CAJON | CHRISTIAN HERITAGE COL. | \%12031 |
|  | 04 | PINE BLUFF | CAPITAL CIY BUS COL | 009685 | 05 | EL CAJON | EL CAJON BEAUTY COLLG | $\therefore 08091$ |
|  | 64 | PINE BLUFF | PINES VOC TECH SCH | 005707 | 05 | EL CAJON | GROSSMONT COHM COLL | $\bigcirc 01239$ |
|  | 04 | RUSSELIVILLE | ARKANSAS POLYTECHNICAL | 001089 | 05 | ESCONO 100 | ESCONOIDO BUSINESS | 910707 |
|  | 04 | SEARCY | FOOTHILLS VOC TECH | 005319 | 05 | ESCONDIDO | JAS HALL CLG Of BEAUT | 307225 |
|  | 04 | SEARCY | HARDING COLLEGE | 010311 | 05 | EUREKA | COL OF THE REOWOODS | 001185 |
|  | 04 | SILOAM SPRINGS | JOHN EROWN UNIV | C01100 | 05 | FREMONT | OHLONE COMM COLL | CJ4481 |
|  | 04 | WALNUT RIDGE | SOUTHERN BAPTIST CO | 001106 | 05 | FRESNO | CALIFORNIA STATE UNIV | へ-1147 |
|  | cs | ALAME OA | AlAmeda college | 008306 | 05 | FRESNO | ELECTRONIC COM PRO INST | \%19466 |
|  | 05 | ALHAMBRA | BRYMAN SCHOOL | 008090 | 05 | FRESNO | FRESNO CITY COLLEGE | -31327 |
|  | 05 | alta loma | CHAFFEY JR CLG | 061163 | 05 | FRESNO | FRESNO RADIO INST | - 37141 |
|  | 05 | anahe Im | CRISS GUSINESS C | 004487 | 05 | FRE SNO | FRESNO STATE C | 209551 |
|  | 05 | ANAHE IM | ORANGE COUNTY OUS SCH | 011598 | 05 | FRESNO | galen college | 712027 |
|  | 05 | ANAHEIM | S CA CLG MED/OEN | OCAO71 | 05 | FRESNO | PACIFIC CLG | 701253 |
|  | 05 | ANAHE IM | SAUYER OUSINESS | 010775 | 05 | FULLERTON | Cal state | \%1137 |


| ST | city | SCHOOL | FICE | ST | CITY | SCHOOL | FICE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 05 | FULLERTON | FULLERTON COLLEGE | 001201 | 05 | LOS ANGELES | LEIMERT PARK BEAUTY COL | 122443 |
| 05 | FULLERTON | $S$ CALIF COLL OF OPTOHETRY | 0012.30 | 05 | LOS ANGELES | LOS ANGELES SW COLLEGE | ©j 7047 |
| 05 | garden grove | CARPENTERS APPRENTIC SCM | 005626 | 05 | LOS ANGELES | LOYOLA LAW SCHOOL | 304473 |
| 05 | GARDENA | SOUTHLAND MEDICAL COLEEGE | 008531 | 05 | LOS ANGELES | LOYOLA-MARYMOUNT UNIV | 011649 |
| 05 | gLENOALE | GLENDALE COLLEGE | 001203 | 05 | LOS ANGELES | MT SAINT MARYS CLG | 091243 |
| 05 | GLENDALE | 1 a COLEEGE OF CHIROPRAC | 001229 | 05 | LOS ANGELES | NATIONAL TECHNICAL SCHOOL | 010463 |
| 05 | HANFORO | HANFORO JOINT UN | 005645 | 05 | LOS ANGELES | OCCIDENTAL COLL | 701249 |
| 05 | hawthorne | SOUTH BAY COLLEGE OF BUS 1 | 010877 | 05 | LOS ANGELES | SAUYER CL OF BUS | $\bigcirc 1$ ¢421 |
| 05 | haywaro | CA ST UNIV | 001138 | 05 | LOS ANGELES | SOUTHLANO MEDICAL | 237708 |
| 05 | Haykard | CHABOT JR COLLEGE | 001162 | 05 | LOS ANGELES | TELCO INSTITUTE | 709148 |
| 05 | HAYWARD | healo college of business | 008532 | 05 | LOS ANGELES | THOMAS | $\bigcirc 16448$ |
| 05 | HOLLYWOOD | UNITE COL OF BUSINE | 010577 | 05 | LOS ANGELES | TRADE TECH | ;11793 |
| 05 | HOLLY ${ }^{\text {d }}$ OOD | UNIV OF JUDAISM | 962741 | 05 | LOS ANGELES | UCLA | -01315 |
| 05 | HUNTINGTON ECH | gCLDEN YESt college | $0 ¢ 1206$ | 05 | LOS ANGELES | UNIV OF S CALIFORNIA | ¢01328 |
| 65 | IMPERIAL BEACH | MAR VISTA | 005673 | 05 | LOS ANGELES | VOC NURS SCH OF CALIF | 095766 |
| 05 | IRVINE | UNIV OF CALIF | 001314 | 05 | LOS ANGELES | HEST L.A. COLLEGE | 710996 |
| c5 | KENTFIELO | COLLEGE OF MARIN | 001178 | 05 | I.OS ANGLES | COLLINS SC Manageme | 007286 |
| 25 | LA MESA | GROSSMONT ADULT SCHOOL | 005646. | 05 | LYNYOOD | ALLIED WELDING SCHOOL | C07052 |
| 05 | la mesa | GROSSMONT COLLEG | $007153^{\circ}$ | 05 | MALIEU | PEPPEROINE UNIV | 101264 |
| 05 | la MIraoa | biola college | 001122 | 05 | MARE ISLAND | MARE ISLAND APPRENTICE SH | 107562 |
| 05 | LA VERNE | La VERNE COLLEGE | 061216 | 05 | MARYSVILLE | YUBA COLLEGE | 0.71544 |
| 65 | LAMIRAOA | LEPANTE BEAUTY COL | 005655 | 05 | MENLO PARK | STANFORO | $\therefore 12231$ |
| 05 | LANCASTER | ANTELOPE VALLEY COM C | 001113 | 35 | MERCED | MERCED COL. | 001237 |
| 05 | LIVERMORE | CHABOT CLG--VALEEY CAMPUS | 013109 | 05 | MISSION MILLS | MEDICAL ASST INS | 007927 |
| 65 | LOMA LINDA | LOMA LINDA | 001218 | 05 | MISSION HILLS | NORTH VALLEY OCCUP CENTER | ? 11491 |
| 05 | LONG BEACH | BLAIR COL OF MEDIC | 008409 | 05 | HISSION VIEJO | SADOLEBACK COMMUNITY COLL | c08918 |
| 05 | LONG BEACH | BROOKS COLL | 011246 | 05 | MODESTO | MODESTO JR COLLEGE | 301240 |
| C5 | LONG EEACH | CA CLG COMMERCE | 007285 | 05 | MONTCLAIR | MARINELLO*S BEAUTY CLG. | $\bigcirc 17768$ |
| 05 | LONG BEACH | CALIF STATE UNIV | 001139 | 05 | MONTEREY | OEFENSE LANGUAGE INST | 501195 |
| 05 | LONG BEACH | LONG BCH CY COL | 001219 | 05 | MONTEAEY | MONTEREY ACAD.HAIR DESIGN | ? 13078 |
| 05 | LONG BEACH | LCNG BEACH MED DEN | 008479 | 05 | MONTEREY | MONTEREY PEN CO | ? 31242 |
| 05 | LONG BEACH | MARENELLO SCH BEAUT | 007156 | 05 | MOORPARK | MOORPARK JUNIOR COLLEGE | 307115 |
| 45 | los altos hills | FOOTHILL JUNIOR COLLEGE | 001199 | 05 | MORAGA | ST MARYS COLL. | c01392 |
| 05 | LOS ANGELES | ASSOCIATED COLL | 007167 | 05 | NAPA | NAPA COLLEGE | 1.01247 |
| 05 | LOS ANGELES | BRYAN SCH CT RP | 007164 | 05 | NEUHALL. | LOS ANGELES BAPTIST CLG | col22C |
| 05 | los Angeles | BRYMAN DENTAL COL | 007606 | 05 | NORTH HIGHLANDS | GRANT ADULT SCHOOL | 065647 |
| 05 | LOS ANGELES | CA COLL OF MORTUARY SCIEN | 901129 | 05 | NORTH HOLLYNOOD | APPR CARPENTER | 005665 |
| c5 | LOS ANGELES | CA SCH OF PROF PSYCHOLOGY | 010013 | 05 | NORTH HOLLYWOOD | VALLEY COLLEGE | 207697 |
| 05 | LOS ANGELES | CALIF HOSP SCH OF NURSING | 006163 | 05 | NOR THRIDGE | CALIFORNIA ST UNIV | r.) 11153 |
| 05 | LOS ANGELES | CALIF STATE U | 001140 | 05 | NORWALK | CERRITOS CLG | 201161 |
| 05 | LOS ANGELES | CENT CITY OCCUPAT CNT | 009325 | 05 | novato | INDIAN VALLEY COLLEGE | 111730 |
| 05 | LOS ANGELES | CHILORENS HOSP SCH X-RAY | 004276 | 05 | OAKLAND | ADULT EVENING SCHOOL | $\bigcirc 15661$ |
| 65 | LOS ANGELES | CHILDRENS HOSPITAL | 004275 | 05 | OAKLAND | CA COL OF ARTS | 001127 |
| 05 | LOS ANGELES | COMPUTER LEARNING CENTER | 009591 | 05 | OAKLAND | CONTROL DATA INS | 099053 |
| 05 | LOS ANGELES | CONTROL DATA INST | 007546 | 05 | OAKLAND | HEALDS BUSINESS COLLEGE | -07294 |
| 05 | LOS ANGELES | E LOS ANGELES JR CO | 001222 | 05 | OAKLAND | HOLY NAMES COLLEGE | 601183 |
| 05 | LOS ANGELES | EAST LOS ANGELES OCC CENT | 010445 | 05 | OAKLAND | KAISER S ANAESTHESIA NURS | r06164 |
| 05 | LOS ANGELES | FASHI ON INST | 011112 | 05 | OAKLAND | LANEY COMMUNITY COLLG | 001266 |
| 65 | LOS ANGELES | FREMONT COMM ADULT SCH | 005631 | 05 | OAKLAND | MERRITT COLLEGE | -01267 |
| 05 | LOS ANGELES | I PMACULATE HEART COL. | 001213 | 95 | OAKLANO | mills college | f.01238 |
| 05 | LOS ANGELES | JCRDAN ADULT SCHOOL | OC5656 | 05 | OAKLAND | OAK. COLE MED AS | 709280 |
| 05 | LOS ANGELES | $L$ A CO MED CENTER | 010825 | 05 | OAKLANO | SAMUEL MERRITT | 007012 |
| 05 | LOS ANGELES | L A TRADE TECH CLG | C01227 | 05 | OCEANSIDE | MIRACOSTA COLLEGE | 201235 |
| -5 | LSS AnGELES | L.A.CITY COLL | OC1223 | 05 | ORANGE | CHAPMAN COLLEGE | +0.1184 |
| 05 | LOS ANGELES | L.I.F.E. BIBLE COLLEGE | 012630 | 05 | PaCADENA | AOULT TANING CEN | $\bigcirc 05739$ |
| 05 | LOS ANGELES | LA COMA COLL | 008709 | 05 | facoima | STATE UNIV | ¢ 96731 |


| ST | CITY | SCHOOL | ICE |
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| 05 | PALM DESERT | COL OF THE OESERT | 001182 |
| 05 | PALO ALTO | CASTANO NIGHT SCHL | 010257 |
| 05 | PALO ALTO | LELAND STANFORP JR UN | 004485 |
| 05 | PALO ALTO | PONCE C OF BTY | 008480 |
| 05 | PALOS VERDES | MARYMOUNT COL | 010474 |
| 05 | PASADENA | ArBASSADOR COLLEGE | 012448 |
| 05 | PASADENA | CALIFORNIA JNST OF TECH | 001131 |
| 35 | PASADENA | FULLER THEOLOGICAL SEMIN | 001200 |
| 05 | Pasadena | JOHN MUIR | O08289 |
| 05 | PASADENA | PASADENA CITY COLLEGE | 001261 |
| 05 | PASADENA | SAWYER COLL OF RUSINESS | 004297 |
| 05 | PITTS BURG | LCS MEDANOS COMM．CLG | 010340 |
| 05 | PLEASANT HILL | OIablo valley college | 001191 |
| 05 | pleasant valley | mt olablo Jr collge | 005667 |
| 05 | POMONA | CAL St Polytec univ | 001144 |
| 05 | PORTERVILLE | PCRTERVILLE JC | 001268 |
| 05 | QUINCY | FEATHER RIVER COM COL | 008597 |
| 05 | REDOING | Shasta college | 001289 |
| 05 | aEDLANOS | REOLANOS AOULT E | 005683 |
| 05 | REDLANOS | REOLANDS UNIV | 001322 |
| 05 | REDWOOD CITY | Canada college | 006973 |
| 05 | REEDLEY | REEDLEY COLLEGE | ． 001308 |
| 05 | RIVERSIDE | CALIF BAPTIST C | 001125 |
| 05 | RIVERSIDE | LOMA LINDA UNIV | 001215 |
| 05 | RIVERSIDE | RIVERSIDE CITY CLG | 001270 |
| 05 | RIVERSIDE | URIV CALIFORNIA | 001316 |
| 05 | ROCKLIN | SIERRA COMMUNITY CO | 001290 |
| 65 | ROHNERT PARK | CALIFORNIA ST CLG SONOMA | 001156 |
| 05 | ROSEDA | UNIV．OF SAN FERNANDO VAL | 012631 |
| 05 | SACRAMENTO | A MERICAN RIVER college | c09552 |
| 65 | SACRAMENTO | BRYMAN＇S HEDICAL SC | 009748 |
| 05 | SACRAMENTO | CALIF STATE UNIV SACR | 001150 |
| 05 | SACRAMENTO | CCSUMNES RIVER COL | 007536 |
| 05 | SACRAMENTO | SACRAMENTO CITY COLLEGE | 001233 |
| 05 | SACRAMENTO | SACRAMENTO COL DENT 8 MED | 012060 |
| 05 | SACRAMENTO | SACRAMENTO MEDICAL CENTER | 011251 |
| 05 | SACRAMENTO | SALVATORES BEAUTY COLLEGE | 013097 |
| 05 | SACRAMENTO | SKILL 8 gUSINESS CENTER | 009509 |
| 05 | SALINAS | HARTNELL | 0 O 1200 |
| 05 | SAN BERNADINO | marinella beauty college | 010767 |
| 05 | SAN BERNADINO | SAN BERADINO VALLEY | 001272 |
| 05 | SAN BERNADINO | SAN BERNADINO COMM COLL | 004701 |
| 05 | SAN EERNADINO | Valley college | 008595 |
| 05 | SAN GERNARDINO | CALIFORNJA STATE COLLEGE | 001142 |
| 05 | SAN EERNARDINO | MARINELLO SCH OF BEAUTY | 007219 |
| 05 | SAN BERNARDINO | SKADRON COLLEGE BUSIN | 004494 |
| C5 | SAN BRUNO | SKYLINE COLLEGE | 007713 |
| 45 | SAN DIEGO | A Braham lincoln | 005654 |
| 05 | SAN DIEGO | AMERICAN BUSINESS COLLEGE | C07284 |
| 05 | SAN DIEGO | CAL－NEST USIU | 010854 |
| 05 | SAN OIEGO | clair hesa beauty school | 011119 |
| 05 | SAN DIEGO | CLAIREMONT ADULT HIGH SCH | 005713 |
| 05 | SAN DIEGO | DENTAL TECH A SCH | C． 9279 |
| C5 | SAN DIEGO | ELECTRICIAN SCHOOL | 001198 |
| 05 | SAN DIEGO | kelsey jenny C | C09268 |
| 05 | SAN DIEGO | miramar college | 011820 |


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| SAN DIEGO MESA | OJ1275 |
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| SAN DIEGO ST | OOI151 |


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| SAN DIEGO UNIY | niO305 |

SAUYER OUSINESS COLLEGE $\quad 10395$
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SOUTH BAY TRADE SCH UNIV C 97192
U．S．INTERNATIONAL UNIV COI15A
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901317
SAN FERN CONTINU 20569$]$
ACADEMY OF ART COLLEGE GA753：
BRYMAN SCHOOL 911024
CA COLL PODIATRIC MEO COI135
CA SCH OF TRNG NURS A nO7231
CAL COLL MEDICAL AF 307232
CITY COLLEGE 001167
COGSUELL POLYTECHNICAL 『01177
GOLDEN GATE UNIVERSITY NOI205
HASTINGS LAU SCHOOL CO3947
HEALD BUSINESS COLLEGE $\quad$ O 07234
JOHN COLLEGE OF ENGINEER ？OLE
JOHN O．CONNELL
LONE MOUNTAIN COLLEGE TO1276
$\begin{array}{ll}\text { LONE MOUNTAIN COLLEGE } & 701276 \\ \text { MISSION ADULT NIGHT SCH．} & 05678\end{array}$
MISSION ADULT NIGHT SCH．$\quad 03567$ G
MUSIC CONSER
PACIFIC HTS COMM COLLEGE ：n5SR9
SF STATE COLLEGE $\quad 03154$
SAN FRANCISCO ART INST CO394A
SAN FRANCISCO HEALTH PROF C11874
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MT．SAN JACINTO $\quad \therefore 1246$

BRYANT \＆STRATTON 「O4477
EVERGREEN VALLEY COLLEGE 112452
$\$ J$ HOSP 8 HEA C ？ 19538
SAN JOSE BIBLE CLG BOI2RI
SAN JOSE CITY COI282

SAN JOSE COMMUNITY COLLEG ：07101
SAS JOSE ST UNIV ：01155
SAN LUIS SENIOR HIGH ？
CUESTA COLLEGE
PALOMAR JR CLG $\because 01260^{\circ}$
SAN MATEO COLLEGE OM181

CONIRA COSTA JR CLG

| ST | CIIY |
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| 05 | SAN RAFAEL |
| 05 | SANTA ANA |
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| 05 | SANTA BAREARA |
| 05 | SANTA EARBARA |
| 05 | SANTA BARBARA |
| 05 | SANTA garbara |
| 05 | SANTA CLARA |
| 05 | SANTA CRUZ |
| 05 | SANTA CRUZ |
| 05 | SANTA CRUZ |
| 05 | santa maria |
| 65 | SANTA MONICA |
| 05 | SANTA MONICA |
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| c5 | SANTA ROSA |
| 05 | SANTEE |
| 85 | SARATOGA |
| 05 | SAS LUIS OBISPO |
| 65 | SONORA |
| 05 | SOUTHGATE |
| 05 | STANF ORD |
| 05 | STOCKTON |
| 05 | STOCKTON |
| 05 | SUISUN CITY |
| 05 | SUSANVILLE |
| 05 | TAFt |
| 65 | Thousand oaks |
| 05 | torrance |
| 05 | TORRANCE |
| 65 | TORRANCE |
| 05 | TORRANCE |
| 65 | TURLOCK |
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| 65 | Vallejo |
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| 05 | VAN NUYS |
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| 05 | VENTURA |
| 05 | VICTORVILLE |
| 05 | VISALIA |
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| 05 | HILMINGTON |
| 05 | YOODL AND HILLS |
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| S $T$ | CITY | SCHOOL | FICE |
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| C5 | YUCAJPA | CRAFTON HILLS COLLEGE | 09272 |
| 05 | 98 | CA TECHNICAL | ©11878 |
| C6 | ALAMOSA | GOAMS STATE COLLEGE | ¢01345 |
| 06 | BOULDER | COLORADO UNIV | 40137 C |
| 06 | BROOMFIELD | COLORADO AERO TECH | 007297 |
| 06 | COLO SPRINGS | USAF ACADEAY | 431369 |
| 06 | COLORADO SPGS | COLORADO COLLEGE | 001347 |
| 06 | COLORADO SPRING | blair business C | 004503 |
| 06 | COLORADO SPRING | ELPASO COMM COL | 108896 |
| 06 | COLORADO SPRING | MIDUEST BUS CLG | 009064 |
| 06 | COLORADO SPRING | NAZARENE BI日LE COLLEGE | 313207 |
| 06 | COLORADO SPRING | U OF COLORAOO | C14503 |
| 06 | CORTEZ | SAN JUAN BASIN AREA TECH | $? 10732$ |
| 06 | OENVER | GAPTIST SEMINARY | 101352 |
| 06 | DENVER | GARNES BUSINESS COLLEGE | r.04574 |
| C6 | OENVER | COLORADO YOMEN*S COLLEGE | -01351 |
| 06 | DENVER | COM COL OF DENVER-AURORI | 009542 |
| 06 | DENVER | COMM COLL OF DENYER | r07933 |
| 06 | DENVER | DENVER AUTO \& DIESEL | 937547 |
| 06 | DENVER | OENVER INST OF TECH | CO7548 |
| 06 | DENVER | EMILY GRIFFITH OP SCHOOL | [.05596 |
| 06 | DENVER | ILIFF SCH OF THEOLOGY | 001354 |
| 06 | DENVER | LORETTO HGTS. | C01356 |
| 06 | DENVER | LOURY AFB A T C | 011495 |
| 06 | DENVER | MEIROPOLITAN SC | 201360 |
| 06 | DENVER | MILE HI REPORTING SCHOOL | ¢. 08254 |
| 06 | DENVER | PARKS SCH OF BUS | 004507 |
| 06 | DENVER | REGIS COLLEGE | r01363 |
| 06 | DENVER | ST. THOMAS SEMINARY | $\because 01367$ |
| 06 | OSVER | UNIV OF CO | 006740 |
| 06 | OENVER | UNIV OF COLORADO MED CTR | -04518 |
| 06 | DENVER | UNIV OF DENVER | ¢01371 |
| 06 | DURANGO | FORT LEWIS COLLEGE | $\bigcirc 01353$ |
| 06 | FORT COLLINS | CO STATE UNIV | 001350 |
| 06 | Ft COLLINS | LARIMER COUNTY VOTECH | :07299 |
| 06 | GLENHOOD SPRNGS | COLO MTN COLLEGE WEST CAM | 004506 |
| 06 | GOLDEN | COLORADO SCHOOL OF MINES | 201348 |
| 06 | GOLDEN | COM COL DENVER-REO ROCKS | 009543 |
| C6 | GRAND JUNCTION | MESA COLLEGE | 901358 |
| 06 | GREELEY | AIMS JUNIOR COLLEGE | © 07582 |
| 06 | GREELEY | UNIV OF NORTHERN COLORADO | 001349 |
| 06 | GUNN ISON | UESTERN ST CLG | 901372 |
| 06 | LAKENOOD | COLORADO SCH OF TRADES | 311572 |
| 06 | LAMAR | LAMAR COLLEGE | 101355 |
| 06 | LITTLETON | ARAPAHOE CM COL. | i01346 |
| 06 | MORRISON | WESTERN BIELE IN | 1.36741 |
| C6 | PUEBLO | S COLORADO ST COL | 001365 |
| 06 | RANGELY | RANGELY JR COLLEGE | ¢01359 |
| 06 | STERLING | NE JUNIDR COLLEGE | 901361 |
| 07 | BRIOGEPORT | HRIDGEPORT CLG | 「31377 |
| 07 | ERIDGEPORT | QULLARD-HAVENS REGIONAL | 711496 |
| 07 | BRIDGEPORT | FONS SCH DENTAL | -06181 |
| 07 | BRIDGEPORT | HOUSATONIC COMMUNITY COLL. | r.04513 |
| 07 | BRIDGEPORT | SACREO HEART UNIVERSITY | ?01413 |
| 07 | GRIDGEPORT | ST VINCENT/NURSI | -36191 |
| 07 | BRJDGEPORT | UNIV OF BRIDGEPORT | r91416 |


| ST | CITY |
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| 67 | Cromuell |
| 07 | DANBURY |
| 07 | E HAR TFORO |
| 07 | FAIRFIELD |
| 07 | FARMINGTON |
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| 07 | HAMDEN |
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| 67 | HARTF ORD |
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| 07 | MANCHESTER |
| 07 | MANCHESTER |
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| 07 | MIODLETOWN |
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| 67 | SOUTHINGTON |
| 07 | STAMF ORD |
| 67 | STORRS |
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| c． 7 | WATEPBURY |
| C7 | HATERBURY |
| c7 | HATEREURY |
| 07 | HATEREURY |
| 07 | WATERBURY |
| 07 | UEST HARTFORD |
| C7 | UEST HARTFORO |
| C7 | UEST HARTFORD |
| 07 | UEST HAVEN |
| 07 | WEST HAvEN |

SCHOOL

| HCLY WESTE | apostles ccllege RN CT ST C | $\begin{aligned} & 001389 \\ & 001380 \end{aligned}$ |
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| COMPU | TEA PROCESS | 010076 |
| FAIRF | IELD UNIV | $0 C 1385$ |
| TUNXI | S COMMUNITY COLL ${ }^{\text {ce }}$ | 009764 |
| UNIV | OF CONN HEALTH CENTE | 009030 |
| PAIER | SCHOOL OR ART | 007459 |
| ATLAN | TIC SCHOOL | 007301 |
| GAEAT | ER HTFD．COMM．COLL． | 007635 |
| H HOS | P SURG PRG | 006183 |
| HARTF | ORD COLLEGE | CC1386 |
| HARTF | ORD ST IEEH COL | COI388 |
| HARTF | ORD UNIV | 001422 |
| mCRSE | SCHOOL OF BUSINESS | 061394 |
| MT SI | NAI HOSPTL／SCH RADI | $0 C 4083$ |
| TRINI | IV COLLEGE | 001414 |
| CREAT | IVE SCH HAIRDRESSING | 011724 |
| MANCH | HESTER COMMUNITY COLL | 001392 |
| M IDDL | ESEX COM CL | 008038 |
| M IODL | ESEX MEMORIAL HOSP | 006186 |
| $V$ INAL | TECH VOC SCH | 011697 |
| UESLE | YAN | 001424 |
| CTL C | T St CLG | 001378 |
| E C G | OODWIN TECH | 009277 |
| C $T$ SC | H－ELCTRONIC | 007305 |
| NEW H | haven academy of busi | 012425 |
| OUINN | IPIAC COL． | 001402 |
| St CE | NTRAL COMM | 008037 |
| SOUTH | EREN CT．STATE COL | 001406 |
| STONE | SCHOOL OF OUS | 004515 |
| Yale | UNIV | $0 ¢ 1426$ |
| ALBER | T BEATRICE SCH | 010949 |
| CONNE | cticut cle | 001379 |
| M ITCH | ELL COLL． | 001393 |
| U S C | OASt guard acad | 001415 |
| KATHER | RINE GIBBS | 012877 |
| NORUAL | LK com col． | 001399 |
| NORWAL | LK ST TECH | 001400 |
| M OHEG | AN COMMUNITY COLLEGE | 009765 |
| NORWI | CH TECH | 011843 |
| thame | S Valley state | 001413 |
| GRIAR | WOOO BUSJNESS CL | 009407 |
| UNIV | CONNECTICUT | 001419 |
| RATCL | Iff SCH AG | 007307 |
| UNIV | OF CONNECTICUT | 001417 |
| ct SC | H／日ROAOCAST | 015779 |
| MATTA | TUCK COMM CLG | 006982 |
| PCST | JUNIOR COLLEGE | 001401 |
| St MA | RYS HOSP S | 006190 |
| UNIV | CT UATEREURY GRa | 001421 |
| WATER | bury St tech clg | 001423 |
| PRINCE | E REGIONAL VOC TECH | 309822 |
| SAINT | JOSEPH＊S CLG | 001409 |
| $u$ OF | CONN HARYFORD | 001918 |
| AMORES | S INST HAIR DESIEN | 015886 |
|  | AVEN UNIV |  |

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07 NOODSTOCK
08 DOVER
08 DOVER
08 GEORGETOUN
08 NEVARK
O8 NEWARK
OB NEWARK
CG WASHINGTON
08 WILMINGTON
O8 UILMINGTON
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10 BRADENTON
10 CAPE KENNEDY
10 CHIPLEY
10 CHIPLEY
10 CLEARYATER
10 CLEARWATER
10 CLEARUATER
10 COCOA BEACH
19 COCONUT CREEK
10 CORAL GABLES
10 DADE CITY

SCHOOL
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| EASTERN CT ST CL | n91425 |
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| YINDHAM REGIONAL VOC TECH | 107311 |
| NORTHUESTERN CT COMH COLL | ＋01398 |
| ANNHURST COLTEGE | rel 1375 |
| oElamafe state college | ： 91428 |
| delaware tech comm coll | 911727 |
| yestey jr college | $\therefore 11433$ |
| delaware tech comm co | －i7553 |
| DELAWARE TECH \＆COMM COLL | 11387 |
| NORTH AMERICAN TRAINING | 012262 |
| U OF DELAWARE | r01431 |
| HASH TECH JNST | $\because 11977$ |
| GRANDYWINE COLL | P01427 |
| DELAWARE TECH | ¢59311 |
| golder beacom jr col | ：2142？ |
| UILMINGTON COL | 697948 |
| UILMINGTON MEO | 110192 |
| AMERICAN UNIV | －31434 |
| CAPITAL RADIO ENG．INST． | 007312 |
| CAREER ACADEHY | 208104 |
| CATHOLIC U OF AMERICA | \％01437 |
| CORTEZ U．PETERS | 294521 |
| D C TEACHER COL | \％01441 |
| FEDERAL CI COL | \％07015 |
| gallaudet Clg | ¢01443 |
| GARDNER SCH－BUSINESS | 90465 i |
| GEORGE HASHINGTON | ． 01444 |
| GEORGETOUN UNIV． | 001445 |
| HOWARO UNIVERSITY | iJ1448 |
| JOHN HOPKINS UNIVERSITY | \％：04523 |
| LEHIS HOTEL－MOTEL | ¢11627 |
| MARJORIE WEBSTER | 701451 |
| mit vernon jr clg | $\bigcirc 1452$ |
| NATIONAL RADIO INST | $\because 34974$ |
| SOUTHEASTERN UNIV | 「31456 |
| STRAYER COLLEGE | $\therefore 1445^{\circ}$ |
| TRINITY COLLEGE | 901465 |
| －TECHNICAL INS | 006957 |
| HA HOSPITAL CTR／NURSING | こ34526 |
| WASH SCH FOR SEC | C04527 |
| UASHINGTON HOSP．CENTER | $\because 12843$ |
| SOUTH FLORIOA JR COLLEGE | 701522 |
| UEBBER COLLEGE | 901540 |
| FLORIOA ATLANTIC UNIV． | กง1481 |
| MARYHOUNT COLLEGE | r．1505 |
| MANATEE JR COL | $\because 1504$ |
| FLA INST OF TEC | 204528 |
| W－H YOC TEC SCH | r． 55764 |
| WASH HOLMES VOC TEC S | ？ 07526 |
| PINELLAS VOC．TECH．INST． | 005635 |
| St Petersburg JR CLG | ？ 31529 |
| TAMPA COLLEGE | f12155 |
| GREVARO COMMUNITY COLLEGE | 101472 |
| ATLANTIC VOCATIONAL CENT | ：12263 |
| UNIVERSITY OF MIAMI | －12536 |
| PASCO HERNANDO CC | $\therefore 1065$ ？ |


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| COLEEGIATE BUSI INS | 727735 |
| FLORIDA TECHNOLOGICAL U | 143954 |
| SOUTHERN EUS COL | 017335 |
| VALENCIA COM COLLEG | 90675: |
| St JOHNS RIVER JR COLLEGE | $0 \hat{0} 1523$ |
| gULF COAST CM CLG | 001498 |
| TOM HANEY VOC S | C17826 |
| LIBERTY BIBLE COLLEGE | 912454 |
| PENSACOLA JR COLLEGE | 001513 |
| UNIVERSITY OF W. FLORIOA | 403955 |
| BROYARO COMM COLLEGE | -11285 |
| SEMINOLE JR COLLEGE | 001520 |
| NEW COLLEGE | 031507 |
| SARASOTA COUNTY VOC-TECH | P35637 |
| St Leo college | ก. 1526 |
| ECKERD COLLEGE | 031487 |
| TOMLINSON A EO | 006144 |
| flagler college | $\because 07893$ |
| SAINT PETERS日URG JR COL | 70:528 |
| FLORIDA A \& M UNIV | T01480 |
| FLORIDA STATE UNIVERSITY | 001489 |
| LIVELY VOC SCHOOL | 005585 |
| TALLAHASSEE COMM COLLEGE | \%01533 |
| BREHSTER AOULT TECHNICAL | $\bigcirc 05591$ |
| HILLSBOROUGH COMM CLG | 00787 C |
| PATRICIA Stevens career C | 009439 |
| RYOER INSTITUTE | . 111844 |
| SAWYER SCHOOL OF EUSINESS | n11128 |
| TAMPA EUSINESS INST | 001534 |
| TAMPA TECHNICAL INSTITUTE | 107586 |
| $U$ OF S FLORIDA | 801537 |
| FLORIOA COLLEGE | 001482 |
| FLIGHT SAFETY INTERNATION | C0.9883 |
| UEST PALM REACH JR COL | C12116 |
| ROLLINS COLLEGE | 001515 |
| POLK COMMUNITY COLLEGE | C01514 |
| ALBANY AREA VOC TECH | 005601 |
| ALBANY JR college | 001543 |
| ALBANY STATE | 001544 |
| GEORGIA SOUTHWESTERN CLG | 001573 |
| S GA IECH VOC | 005617 |
| ATHENS AREA TECH-VOC | 005630 |
| U OF GEORG1A | 001598 |
| AMERICAN PARAMEDICAL COL | 117607 |
| ATLANTA AREA TECH | 608543 |
| ATLANTA CHRISTIAN COL | 001547 |
| ATLANTA COL OF ART | 001547 |
| ATLANTA JR COLL | 012165 |
| ATLANTA UNIVERSITY | 201551 |
| CL OF MED/DEN AS | c39066 |
| CLARK COL | ¢01559 |
| CLAYTON BUSINESS COLL | 008484 |
| DEVRY INST OF TECH | 1)09224 |
| ELKINS INSTITUTE | 709688 |
| EMORY UNIVERSITY | 501564 |
| GA BAP HOSP SCH | 306203 |


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|  | 11 | atlanta | georgia st clg | 001574 | 11 | SAVANNAH | ARMSTRONG STATE CLG | 001546 |
|  | 11 | atlanta | GEORGIA TECH | 001569 | 11 | SAVANNAK | SAVANNAH AREA VO | 005618 |
|  | 11 | a tlanta | grady hospital | 010499 | 11 | SAVANNAH | SAVANNAH ST COL | 901590 |
|  | 11 | atlanta | GUPTON JONES COLLEGE | 010771 | 11 | STATESBORO | GA SOUTHERN COL | 001572 |
|  | 11 | a tlanta | MARSH-DRAUGHON BUS. COL | 004541 | 11 | SUAINSBORO | SUAINSBORO AREA VOC TECH | 005616 |
|  | 11 | atlanta | massey dr college | 009270 | 11 | THOMASVILLE | THOMAS AREA VOC TECH SCH | C05651 |
|  | 11 | atlanta | MERCER UNIVERSITY | 008419 | 11 | TJFTON | ABRAHAM BALDHIN | C01541 |
|  | 11 | a Tlanta | MERCER'S SOUTHERN | 001593 | 11 | valdosta | VALDOSTA SY CLG | !01599 |
|  | 11 | atlanta | MCREHOUSE COLLEGE | 001582 | 11 | valoosta | VALDOSTA TECH | 005256 |
|  | 11 | a tlanta | MORRIS BROUN | 001583 | 11 | WAYCROSS | YAYCROSS-WARE TECH | 205511 |
|  | 11 | atlanta | OGLETHORPE UNIV | 001586 | 11 | YOUNG HARRIS | YOUNG MARRIS CO | 601604 |
|  | 11 | atlanta | PIEOHONT SCH NU | 007054 | 12 | HAWAII | HAWAII LOA | 004548 |
|  | 11 | A TLANTA | SFELMAN COLLEGE | 001594 | 12 | HILO | HAUAII COM COLLEGE | C05258 |
|  | 11 | atlanta | STRATFORD HOMAN | 010808 | 12 | HILO | UNIV OF HANAII | 001611 |
|  | 11 | a tlanta | SWAYEN COLLEGE | 010746 | 12 | HONOLULU | CANNON'S INTERNATIONL BUS | 004546 |
|  | 11 | AUGUSTA | algusta area voc tech | 005599 | 12 | HONOLULU | CHAMINADE CLG | 001605 |
|  | 11 | AUGUSTA | AUGUSTA COLLEGE | C01552 | 12 | honolulu | HAWAII PACIFIC college | 007279 |
|  | 11 | augusta | medical college | 001579 | 12 | HONOLULU | HOLLYWOOD BEAU C | $007775$ |
|  | 11 | AUGUSYA | Paine college | 001587 | 12 | HONOLULU | HONOLULU COMM COLLEGE | 001612 |
|  | 11 | AUGUSTA | PHILLIPS BUSINESS SCH | 011130 | 12 | HONOLULU | KAPIOLANI COMM C | C01613 |
|  | 11 | BARNESVILLE | GCROON JR COLLEG | 001575 | 12 | HONOLULU | UNIY OF HAWAII AT MANOA | 001615 |
|  | 11 | BRUNSWICK | BRUNSWICK JR COLLEGE | 001558 | 12 | Kahulul | HAUI COMM COL | 001615 |
|  | 11 | CARROLLTON | CARROLL TECHNICAL | 010487 | 12 | KANCOLI | UNIV OF HAWAII | ¢1839 |
|  | 11 | CARROLLTON | yest ga college | 001601 | 12 | WAIPAHU | LeEuARD COMM Clg | 0.04549 |
|  | 11 | CLARKSTON | dekalb area tech | 005622 | 13 | BOISE | BOISE STATE COLLEGE | r101616 |
|  | 11 | CLARKSTON | DEKALB COMM COLLEGE | $001562$ | 13 | botse | LINKS SCHOOL OF BUSINESS | 004553 |
|  | 11 | CLARKSVILLE | NORTH GA VOCAT SCH | $005619$ | 13 | CALD WELL | CALOYELL MEM HOSP SHL/NUR | $034134$ |
|  | 11 | COCHRAN | midole ga colleg | 001581 | 13 | CALOWELL | CLG OF IDAHO | ¢01617 |
| - | 11 | columbus | columfus college | 001561 | 13 | COEUR D-alene | NORTH SOAHO COLLEGE | 031623 |
| $\bigcirc$ | 11 | COLUMBUS | COLUMBUS TECH | 005624 | 13 | LEWISTON | LEHIS \& CLARK ST CLG | C01621 |
| $\infty$ | 11 | daht onega | NORTH GEORGIA | 001585 | 13 | LEWISTON | LEWISS CLARK COMH COLLEGE | 05503 |
| $\infty$ | 11 | OECATUR | AGNES SCOTT COLLEGE | 001542 | 13 | MOSCOU | UNIV OF IDAHO | 001626 |
|  | 11 | dECATUR | EMORY U | 008722 | 13 | NAMPA | N NAZARENE CLG | 001624 |
|  | 11 | DOUGLAS | SOUTH GA JR COL | 001592 | 13 | POCATELLO | IOAHO STATE UNIV | 001629 |
|  | 11 | FORSYTH | TIFT COL | 001595 | 13 | REXBURG | RICKS CLG SOUTMERN IOAHO | 001625 |
|  | 11 | FORT VALLEY | FT.VALLEY STATE COLLEGE | 001566 | 13 | TUIN FALLS | COLLEGE OF SOUTHERN IDAHO | P01619 |
|  | 11 | FRANKLIN SPRIMG | EPMANUEL COLLEGE | 001563 | 14 | AURORA | AURORA COLLEGE | 0.01634 |
|  | 11 | GAINESVILLE | BRENAU COLLEGE | 001556 | 14 | AURORA | COP MEM HOS SCH-RADIO | 004149 |
|  | 11 | GAINESVILLE | GAINESVILLE JR COL | 001567 | 14 | AURORA | COPLEY MEM SCH OF NURSING | 006217 |
|  | 11 | GRIFFIN | GRIFFIN VOC TEC | 005621 | 14 | BELLEVILLE | ACADEMY OF GEAUTY CULTURE | 911896 |
|  | 11 | LA GRANGE | LA GRANGE COL | 001578 | 14 | BELLEVILLE | belleville area clg | ¢ 101636 |
|  | 11 | LA GRANGE | TROOP TECH | 005614 | 14 | BLOOMINGTON | IL HESLEYAN.U. | 001696 |
|  | 11 | MACON | MACON JR.COLLEGE | 907728 | 14 | CAHOKIA | ST LU U PARKS COLL-AERO | $00397 \%$ |
|  | 11 | Macon | MACON TECH | 005763 | 14 | CARBONDALE | SOUTHERN IL. UNIV | :17582 |
|  | 11 | MACON | MERCER UNIV | 001580 | 14 | CARBONOALE | SOUTHERN ILLINOIS UNIV. | C01758 |
|  | 11 | macon | WESLEYAN COL. | 001600 | 14 | CARLINVILLE | BLACKBURN CLG | 001639 |
|  | 11 | marietta | KENNESAW JR COLLEGE | 001577 | 14 | CAPTERVILCE | JOHN A LOGAN JR | C08076 |
|  | 11 | MARIETTA | MARIETTA VOC TECH | 005620 | 14 | CARTHAGE | ROBERT MORRIS CL | 0.91746 |
|  | 11 | MARIETTA | SCUTHERN TECHNICAL IN | 001570 | 14 | CENTRALIA | KASKASKIA COLLEGE | 0.01701 |
|  | 11 | Milledgeville | GEORGIA CLG | 001602 | 14 | CHAMPAIGN | PARKLAND COLLEGE JR | 07718 |
|  | 11 | MORROY | CLAYTON JR COL | 008976 | 14 | CHAMPAIGNE | UNIV OF ILL-URBANA | C01775 |
|  | 11 | moultrie | MOULTRIE AREA VOC-TECH | 005255 | 14 | CHARLESTON | EASTERN IL UNIV | 0.01674 |
|  | 11 | MT VERNON | GREWTON PARKER COLLEG | 001557 | 14 | CHICAGO | ADVANCE SCHOOL, INC. | $03414 \%$ |
|  | 11 | MT. BERRY | BERRY COLLEGE | 001554 | 14 | CHICAGO | AERO SPACE JNST | C01627 |
|  | 11 | OXFORO | OXFORO COL OF EMORY U | 001565 | 14 | CHICAGO | ALLIED INSTITUTE | $\bigcirc 051$ 月9 |
|  | 11 | ROME | COOSA VALEEY VOC-TECH | $0 ¢ 4324$ | 14 | CHICAGO | AMERICAN ACADEMY OF ART | ¢91620 |

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SCHOOL FICE

| SCHOOL OF THE ART INST | 001753 |
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| SOUTH CHG HOSP X-RAY | n04181 |
| SOUTHUEST COMM C | 101649 |
| TRINITY COL | 204574 |
| U OF ILLINOIS MED. CENTER | 「3396 |
| UNIV OF CHICAGO | ; 01774 |
| UNIV. HEALTH SCI.MED SCH | 0.01654 |
| UNIVERSITY OF IL | !01776 |
| WAYNE SCHOOL | 097324 |
| UESLEY MEM S NU | 006215 |
| WRIGHT JR CLG | . 01655 |
| Prairie st jr clg | ?01646 |
| MORTON COLLEGE | !01728 |
| MCHENRY COUNTY COLLEGE | 007691 |
| OANVILLE JUNIOR COLLEGE | r01669 |
| MILLIKIN UNIV | -01724 |
| RICHLAND COM COL | ¢1587? |
| trinity college | ¢01772 |
| TRINITY EVANGELICAL DIVIN | $\bigcirc 12193$ |
| NORTHERN ILL UNIV | 001737 |
| sauk valley col | 301752 |
| St JOS Calvmet cam co | 094193 |
| BLACK HAUK COLLEGE | 207538 |
| IL CENTAAL JR COLL. | -06753 |
| SOUTHERN ILLINOIS U | 0.91759 |
| ELGIN COMMUNITY COLLEGE | 001675 |
| ELMHURST COLLEGE | 001676 |
| EUREKA COLLEGE | 901678 |
| EVANSTON HOSP | $\bigcirc 06915$ |
| KENDALL COLLEGE | 「01733 |
| NATIONAL COL ED | 001733 |
| NORTHUESTERN UNIV | r. 01739 |
| FREEPORT COMM COLL | ¢08212 |
| HIGHLAND COMMUNITY COLL | ¢61681 |
| CARL SANOBURG COLEEGE | r37265 |
| KNOX COLLEGE | 101794 |
| COLLEGE OF OUPAGE | $\because 06656$ |
| LEWIS \& CLARK COMM JR CLG | :16920 |
| COLLEGE OF LAKE COUNTY | ¢C7694 |
| ELECTRONIC TECH SCH | 0.05200 |
| HOSPITAL CORPS SCH | 006245 |
| GREENVILLE CLG | C. 11684 |
| rend lake ja college | -77119 |
| ILLINOIS CLG | +. 21688 |
| mac murray clg | 031717 |
| JOLIET JR COLL | 7016.9? |
| ST JOSEPH SCH NURSNG | 096243 |
| ST- FRANCIS COL. | ¢ 01664 |
| KANKAKEE COMMUNITY COLL | ¢0769? |
| OLIVET NAPARENE | -01741 |
| lake forest college | 001796 |
| MCKENDREE CLG | [31722 |
| LJNCOLN COLLEGE | 001769 |
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| 14 | ROCKFORD |
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| 14 | STERL ING |
| 14 | SUGAR GROVE |
| 14 | WHEATON |
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| 15 | ANGOLA |
| 15 | BLOOMINGTON |
| 15 | COLUABUS |
| 15 | CRAUF ORDSVILLE |
| 15 | EAST CHICAGO |
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| LEWIS UNIV | 001707 |
| NATIONAL COL OF CHIROPRAC | 001732 |
| WESTERN ILL UNI | 601780 |
| LAKELAND COLLEGE | 007644 |
| BLACKHAYK COLLEGE | 001638 |
| LUTHERAN HOSP SCH NURS | 006225 |
| MONMOUTH COLLEGE | 001725 |
| OAKTON COMM CLG | 009896 |
| ILLINOIS ST UNI | 001692 |
| SOUTHERN IL UNIV | 008237 |
| EmhaUs bible sch | 001677 |
| SAWYER BUS SCH | 011135 |
| WEST SUBURBAN HSP NUR | 026250 |
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| WILLIAH RAINY HARPE COLL | 003961 |
| moraine vir comm | 007692 |
| GOVERNOR'S STATE UNIV | 009145 |
| LUTH G \% D HOSP | 010608 |
| BRADLEY UNIV | 001641 |
| METHODIST HOSP | 006228 |
| MIOSTATE COL | 914568 |
| BLESSING HOSP SC | 066214 |
| GEM CITY COLLEG | 012056 |
| QUINCY COLLEGE | 001745 |
| CCNCORDIA COL. | 001666 |
| ROSARY COLLEGE | c01750 |
| TRENTON COLLEGE | 004573 |
| TRITON JR. COLLEGE | 001773 |
| A LUGUSTANA COL. | 001633 |
| ROCK VALLEY COLLEGE | 001747 |
| RCCKFORD COLL | 001748 |
| RCCKFORO MEM SCH OF NURSI | 006234 |
| SHRIMER COLLEGE | 001756 |
| THORNTON COM CLG | 00.1769 |
| CCNCOROIA theological seh | 001667 |
| LINC LAND COM C | 007170 |
| SANGAMON STATE UNIV | 009333 |
| SPRINGFIELD COLLEGE | 001761 |
| STERLING EEAUTY SCH | 008259 |
| UAUBONSEE COMM COLLEG | 006931 |
| WHEATON COLLEGE | 001781 |
| ARDERSON COLLEGE | $0 C 1785$ |
| tri state college | 001839 |
| INDIANA UNIV | C01809 |
| IN.VOCATIONAL TECH. COL. | 010038 |
| WABASH.COLLEGE | 001844 |
| Calumet college | $0 C 1834$ |
| EVANSVILLE COL | 061795 |
| INOIANA UNIVERSITY | 091408 |
| Itt TECHNTCAL INSIITUTE | 007327 |
| LCCKYEAR CLG OF BUS | 034580 |
| teit st beauty coll | 009518 |
| CONCORDIA SENIOR COLLEGE | 001790 |
| RAVENCROFT BEAUTY COLLEGE | 009516 |
| ST JOSEPH SCH OF NURS | ne6258 |
| FRANKLIN CLG | 061798 |


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| 15 | RENSSELAER |
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| 15 | SOUTH BENO |
| 15 | SOUTH BEND |
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| 15 | TEARE HAUTE |
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| 15 | VALPARAISO |
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| 17 | SALINA | Marymount college | 001932 |
| 17 | SALIMA | SALINA BTY ACAD | 007718 |
| 17 | TOPEKA | CLARKS BUS COL | 004609 |
| 17 | TOPEK $A$ | K A W VOC TECH | 010689 |
| 17 | TOPEKA | STORMONT-VAIL SCH NURSING | 006291 |
| 17 | TOPEKA | WASHBURN | 001949 |
| 17 | UICHITA | CENTRAL BUSIN CL | 005201 |
| 17 | UICHITA | FRIENDS UNIV | 001918 |
| 17 | YICHITA | Kansas negman college | 001939 |
| 17 | WICHITA | KS INST OF COMPU | 010112 |
| 17 | UICHITA | ST FRANCIS HOSP SCH NURS | 006288 |
| 17 | WICHITA | ST JOSEPH HOSP SCH RADIOL. | 004249 |
| 17 | WICHITA | UICHITA STATE | 001950 |
| 17 | WICHITA | WICHITA TECH INST | 010503 |
| 17 | VICHITA | WICHITA VOC TECH CTR | 005498 |
| 17 | HINFIELO | SAINT JOHN®S COLLEGE | 001942 |
| 17 | WINFIELD | SCUTHUESTERN COLLEGE | 001940 |
| 18 | A SHLANO | A SHLAND AREA VOC | 004022 |
| 18 | ASHLAND | ASHLAND BUSIN CG | 010580 |
| 18 | BARGOURVILLE | UNION COLLEGE | 001988 |
| 18 | BEREA | berea college | 001955 |
| 18 | BOWLING GREEN | - G BuSINESS CLG | 010625 |
| 18 | BOMLING GREEN | WESTERN KY UNIV | 002002 |
| 18 | CAMPBELLSVILLE | CAMPBELLSVILLE CO | OC1959 |
| 18 | COLUNBIA | LINDSEY UILSON | $0 C 1972$ |
| 18 | COREIN | COREIN VOCAT SCHOOL | 004036 |
| 18 | COVINGTON | BCOTH MEH HOSP NURSIN | 005238 |
| 18 | COVINGTON | NORTH KY YOC-TECH SCH | 005273 |
| 18 | COVINGTON | NORTH. KY CHASE LAN SCH. | 003118 |
| 18 | CUHBERLANO | SCUTHEAST COMM | 001998 |
| 18 | DANVILLE | CENTRE COL OF KY | 001961 |
| 18 | DANVILLE | DANVILLE SCH OF PRAC NURS | 012506 |
| 18 | ELIZABETHTOWN | ELIZABETHTOUN COMM CLG | 001991 |
| 18 | FRANKFORT | KENTUCKY STATE UNIVERSITY | 001968 |
| 18 | FT. MITCHELL | THOMAS MORE COL. | 002001 |
| 18 | GEORGETOUN | GEORGETOHN COLLEGE | 001964 |
| 18 | HARLAN | HARLAN AREA VOC SCH | 009972 |
| 18 | HARLAN | SCH OF PROF NURS | 008261 |
| 18 | HAZARD | hazard comm college | 006962 |
| 18 | HAZARD | HAZARO VOC SCHOOL | 005243 |
| 18 | HENDERSON | HENDERSON VOC ED | 001993 |
| 18 | HIGHLAND HEIGHT | NORTH KY STATE COL | 009275 |
| 18 | LEXINGTON | CEN KY ST VOC/TC | 005244 |
| 18 | LEXINGTON | FCGAZZI BUSINES | 004627 |
| 18 | LEXINGTON | KaUFMANS EEAUTY COLLEGE | 010424 |
| 18 | LEXINGTON | KENTUCKY OUSIN CLG | 010489 |
| 18 | LEXINGTON | LEXINGTON TECHNICAL INST | 009779 |
| 18 | LEXINGTON | TRANS YL VANIA U | 001987 |
| 18 | LEXINGTON | U OF KENTUCKY | 001989 |
| 18 | LOUISVILLE | BELL URSILINE COLL | 008743 |
| 18 | LOUISVILLE | BELLARHINE CLG | 001954 |
| 18 | LOUISVILLE | GRYANT 8 STRATTO | 009616 |
| 18 | couISVILLE | JEFFERSON COMM CLG | 009970 |
| 18 | LOUISVILLE | JEFFERSON COMM.COLLEGE | 006961 |
| 18 | LouISville | KY Baptist sch or nur | 006295 |
| 18 | Louisville | LOUISVILLE TECH INST | 012088 |

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| 18 | OUENSBORO |
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| 18 | PIKEVILLE |
| 18 | PIPPA PASSES |
| 18 | RICHMOND |
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| 18 | VAN CLEAVE |
| 18 | WHITESBURG |
| 18 | WILLIAMS BURG |
| 18 | UILAORE |
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| 18 | WINCHESTER |
| 19 | ALEXANDRIA |
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| 19 | Lafayette |
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| delta business | 010626 |
| SPENCER BUSINESS COLL | 065203 |
| UNIV OF S L LOUISIANA | 002031 |
| MCNEESE ST U | 002017 |
| SOWELA TECHNICAL INST | 005467 |
| SABINE VALLEY VOC TECH | 005470 |
| JEFFERSON PARISH VOC | 007333 |
| NOWEST LA TRADE | 009975 |
| BMI SCH Of BUS | 004631 |
| LCUISIANA BUSINES C | 004627 |
| N E LOUISIANA UNIV | 002020 |
| YOUNG MEM VO TECH SCH | 005526 |
| CTL AREA trade | 005274 |
| NATCHITOCHES TRADE SC | 005477 |
| NORTHHESTERN ST UNIV | 002021 |
| TECHE AREA YOC TECH SCH | C05528 |
| ACADESY OF SCIEN.HAIR DES | 012920 |
| BAPTIST THEOLOGICAL SEMIN | 002019 |
| CHARITY HOSP SC OF NU | 006301 |
| DELGAOO JUNIOR COLLEGE | 004626 |
| OILLARO UNIV | 002004 |
| ELKIN INSTITUTE | 009691 |
| HCLY CROSS JR COLL | 007263 |
| LOUISIANA STATE UNIV | 002014 |
| LOYOLA UNIV. SCH. OF LAW | 002016 |
| MEADON DRAUGHTON COLLEGE | 004628 |
| ORLEANS AREA VOC TECH | 005472 |
| OUR LADY OF HOLY CROSS | 002023 |
| SOUTHERN UNIV | 002026 |
| St mary dominican | 002028 |
| TOURO NURSING S | 006304 |
| TULANE UNIVEASITY | 002029 |
| UNIVERSITY OF NEU ORLEANS | OC2015 |
| XAVIER UNIVERSITY | 002032 |
| T H HARRIS VOTE | 005466 |
| LOUISIANA COLIEGE | 002007 |
| -IENVILLE TRADE SCH | 009974 |
| LA IECH | 002008 |
| AYERS BUS COL | 004621 |
| BAPTIST CHRISTIAN COLLEGE | 009496 |
| CENTENARY CO | 002003 |
| COMMEACIAL COLL | 010245 |
| DELTA COMMERCE | 010064 |
| Draughons bus clg | 011965 |
| LOUISIANA ST UNIV | 002013 |
| SHREVEPORT BOSSIER VOC TE | 065469 |
| EVANGELINE AREA TRI-PAR | 005484 |
| NICHOLLS STATE UNIV | 002005 |
| OUACHITA VAL.VOC.TECH.SCH | 005471 |
| NORTHEAST LA VOC TECH | 005475 |
| AUBURN MAINE SCH COMM | 002134 |
| CTL ME TECH VOC | 005276 |
| UNIV MAIA AUG | 006760 |
| E ME VOC TECHI | 005277 |
| castern maine medical cen | 007060 |
| HUSSON COLLEGE | C02043 |



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| WASH CO VC \&TECH | 009231 |
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| UNIVERSITY OF MAINE | $\bigcirc 02040$ |
| UNIV OF ME | C02041 |
| GORHAM COLLEGE | r.02042 |
| RICKER COLLEGE | 002048 |
| BATES COLLEGE | 302036 |
| UNIV OF MAINE | .02055 |
| ST JOSEPHS CLG | 202051 |
| UNIV OF MAINE | C02053 |
| MERCY HOS SCH NURSING | 206306 |
| MERCY HOSPITAL SCH RADIOL | r. 05776 |
| UNIVERSITY OF MAINE | ¢J9762 |
| UESTEROOK COLLEGE | C02056 |
| NORTHEAN MAIN VOC INS | c05767 |
| UNIV OF MAINE | 0.32033 |
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| NASSON COLLEGE | 002045 |
| colby college | 002039 |
| KENNEBEC VLY VOC | C09826 |
| THOMAS COLLEGE | 402052 |
| ITT BUS INST | 010246 |
| NAVAL ACADEMY | C.32101 |
| SAINT JOHN*S COLLEGE | 002092 |
| ANNE ARUNDEL COMM | 002058 |
| LEER SIEGL INST | 00755 2 |
| AIRCO TECH INSTITUTE | C11905 |
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| bay college | 510297 |
| COLLEGE OF NOTRE DAML | f02065 |
| COMM CLG OF GALTIMORE | 302361 |
| COPPIN STATE COLLEGE | 002068 |
| DATA PROCESSING INSTITUTE | 009072 |
| DUNDALK COMM CG | 209935 |
| ESSEX COMMUN CO | ¢92070 |
| JOHNS HOPKINS | 002377 |
| LINCOLN TECHNICAL | $\bigcirc 07493$ |
| LOYOLA COLL | 102078 |
| MD INST CLG ART | 002080 |
| MORGAN ST COLL | 202083 |
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| RADIO ELEC IV SCHOOL | 007491 |
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| StRAYER COL | 004654 |
| U OF MD PROF SCHOOLS | 102104 |
| UNION MEM SCH OF NURS | 0.06319 |
| UNIV BALTIMORE | 002102 |
| UNIV OF MD-BALT | 002105 |
| HARTFORO COMMUNITY CG | 002075 |
| BOUIE STATE COLLEGE | 302062 |
| CATONSVILLE COM | 602063 |
| UNIVERSITY OF MARYLAND | $\bigcirc 02103$ |

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| 21 | COLUMBIA |
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| 21 | CUMEERLAND |
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| 21 | MONT GOMERY |
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| 22 | BUZZARDS BAY |
| 22 | CAMBRIOGE |
| 22 | CAMBRIDGE |
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| 22 | CANTON |
| 22 | CHARLESTOUN |
| 22 | CHESTNUT HILL |
| 22 | CHICOPE |
| 22 | DUDLEY |
| 22 | EVERETT |
| 22 | FALL RIVER |
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| 22 | FITCHEURG |
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| GRAHM JR COLLEGE | 002136 |
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| HARVARD EUSINESS SCH | 007697 |
| HARVARO DENTAL SCH | 007696 |
| HARVARD MEDICAL SCH | r076\% |
| HICKOX SCHOOL | 70月548 |
| 1 T TECH | \% 07482 |
| KATHERINE GIBES SCHOOL | 007481 |
| MA GEN HOSP SCH OF NURSG | 006763 |
| MANSFIELD BEAUTY ACADEMY | ¢. 13965 |
| HASS COL OF ART | 022180 |
| MASS GEN HOSP | ¢05858 |
| MASSACHUSETTS COL OF PHAR | - 32165 |
| MUSEUM OF FINE ARTS | C04667 |
| NEDH | 011509 |
| NEU ENG APPLIANCE SER SCH | 967485 |
| NEW ENGLAND CONSERV MUSIC | - 02194 |
| NEY ENGLAND INST OF ANAT | 0.15811 |
| NEL ENGLAND SCH OF ARTS | C07720 |
| NEW ENGLANO SCH. OF LAW | 008916 |
| NEWRERRY JR COLLEGE | 007484 |
| NORTH EAST INSTITUTE | 097487 |
| NORTHEPT GROADCAST'G SCH | 087486 |
| NORTHEASTERN UN | 502199 |
| P B ERIGHAM HOS | 006343 |
| PINE MANOR JR C | 202201 |
| R ET S SCH OF ELECTRONIC | 107488 |
| SALEM HOSP SCH | 011645 |
| SHEPARD-GILL SCH.NURSING | 011576 |
| SIMMONS COLLEGE | 002238 |
| SUFFOLK UNIVERSITY | 002218 |
| TUFTS MEDICAL SCHOOL | 010270 |
| TUFTS UNIV | 304657 |
| UNIV OF MASS | 002222 |
| WENTHORTH INST | 902225 |
| WHEELOCK COLLEGE | n02228 |
| BRADFORD JR CLG | 0:2132 |
| BRIDGE WATER STATE COLLEGE | 002183 |
| CARDINAL CUSHIN | 002137 |
| ANDOVER INSTITU | 0.09293 |
| MASSASOIT COMA | 002177 |
| BRYMAN SCH | 011519 |
| CONTROL DATA INSTITUTE | 009071 |
| MA MARITIME ACA | C02181 |
| HARVARD U SUMMER SC | -32155 |
| LESLEY COLLEGE | 0.72160 |
| MA INST OF TECHNOLOGY | 902178 |
| BLUEHILLS TECH I | 305523 |
| BUNKER HILL COMM COL | 011213 |
| BOSTON COLLEGE | 902128 |
| C Of OUR Lady of elms | 50214\% |
| NICHOLS COLLEGE | ก02197 |
| ITRT AUTO MECH | 611967 |
| BRISTOL COMM | 002176 |
| FALL RIV DIPOLMA | C11699 |
| FITCHBURG St | C.C2184 |
| FRAMINGHAM STATE | 902185 |


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| 22 | GARDNER |
| 22 | GREENFIELD |
| 22 | HATHORNE |
| 22 | HAVERHILL |
| 22 | HOLYOKE |
| 22 | LAURENCE |
| 22 | LEICESTER |
| 22 | LENOX |
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| 22 | MEDFORD |
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| 22 | NEUTON CENTRE |
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| FRAMINGHAM UNION HOS NURS | 006328 |
| FRAMINGHAM UNION HOSP | 011322 |
| DEAN JR COL | 002144 |
| hount yachusett come col. | 002172 |
| GREENFIELD COMM | 002169 |
| ESSEX A 1 INST | 005518 |
| NCRTHERN ESSEX COMM. CLG. | 002174 |
| HCLYOKE COMM CO | 002170 |
| MARY FAZIO'S SCH/BEAUTY | 009676 |
| LEICESTER JR COLLEGE | 002159 |
| BERKSHIRE CHRIS | 002127 |
| EAST COAST AEAO TECH | 006136 |
| LOVELL GEN HOSP | 006333 |
| LOWELL STATE CO | 002186 |
| LOWELL TECH | 002161 |
| LOUELL TECH | 012643 |
| SOLARI SCH Of MAIR DESIGN | 013121 |
| JACKS ON | 002220 |
| TUFTS UNIVERSITY | 002219 |
| CURRY COLLEGE | 002143 |
| SOUTHEAST Ma UNIV | 002210 |
| St LUKES HOS SCH NURS | 006348 |
| NEWTON COLLEGE | 002195 |
| RCUNT IDA | 002193 |
| NEGTON-UELLESLEY HOSP SCH | 006919 |
| NORTH AOAMS ST COLLGE | 002187 |
| merrimack college | 002120 |
| STONEHILL CLG | 002217 |
| SMITH COLLEGE | 002209 |
| WHEATON COLLEGE | 002227 |
| henay o peabooy | 007334 |
| AENA MARIA COL | 002117 |
| BERKSHRRE COMM C | 002167 |
| E NAZARENE CLG | 002145 |
| OUINCY JR CLG | 002205 |
| ROXBURY COMMUNITY COLLEGE | 011930 |
| MOUNT HOLYOKE COLLEGE | 002192 |
| N-SHORE COMM CL | 007335 |
| SALEM STATE UNIVERSITY | 002188 |
| GORDON CONWELL THEO SEM | 009747 |
| AMERIC INTERNATIONAL COLL | 002114 |
| SFRINGFIELD CLG | 002211 |
| SPRINGFIELO TECH COM. CLG | 008078 |
| WSTN NEY ENGLAND COLL | 002226 |
| BRISTOL PLYMOUTH VOC | 005548 |
| CAPE COD COHM COLLEGE | 002168 |
| bentley college | 002124 |
| BRANDEIS UNIV | 002133 |
| WALTHAM HOSP NS | c05833 |
| UALTHAM VOC HS | 005547 |
| mass bay comm college | 002171 |
| BABSON COLLEGE | TC2121 |
| welle sley college | 002224 |
| GORDON COLLEGE | 002153 |
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| SCHOOL | FICE |
| :---: | :---: |
| REGIS COLLEGE | 002206 |
| HILLIAMS CLG | 202.227 |
| AS SUMPTION CLG | 0 0.118 |
| BECKER JR COLLE | 002123 |
| CENTRAL NEW ENGLAND CLG | 010306 |
| CLARK UNIV | C02130 |
| CLG HOLY CROSS | 502141 |
| DAVIO H FANNING | 005520 |
| QUINSIGAHONO C C | [02175 |
| SALTER SECRETARIAL | 904666 |
| SCH NORCESTER ART MUSEUM | -34668 |
| ST VINCENT HOSP SCH ANEST | n11158 |
| UNIVOOF MASSACHUSETTS | 009756 |
| VORCESTER C HOSP SCH NURS | ¢06355 |
| YORCESTER HOHNEMANN NURS | 006356 |
| HORCESTER IND TEC INS | 005546 |
| UORCESTER JR COLLEG | n02232 |
| WORCESTER POLYTECH IN | 032233 |
| HORCESTER STATE COLL | 002190 |
| a | 002234 |
| SIENNA HEIGHTS COLLEGE | 002316 |
| ALBION COL | 302235 |
| GRAND VALLEY St CLG | 002268 |
| alma clg | 002236 |
| ALMA PrAC NURSIN | 009673 |
| ALPENA COMM COL | 002237 |
| CONCORDIA LUTHERAN JC | 002247 |
| UNIV MICHIGAN | . 09092 |
| WASHTENAW COM | 002328 |
| OAKLAND COMM | 002304 |
| ARGUBRIGHT BUSINESS C | 009154 |
| KELLOGG COMM COLL | 002276 |
| LAKE MICHIGAN C | 002277 |
| ANDREUS UNIV | 002238 |
| FERRIS STATE COLLEGE | 002260 |
| CRANBROOK ACADEHY OF ART | 002248 |
| DETROIT CLG Of BUS | r02253 |
| HENRY FORD COMM CLG | C02270 |
| U OF MICHIGAN | n02326 |
| CENTER FOR CREATIVE STUDY | 036771 |
| DETROIT BUSINESS INST | ¢04712 |
| DETROIT COLLEGE OF LAM | 632254 |
| DETROIT ENGINEERING INST. | 004675 |
| DETROIT PAAC NU | C07494 |
| GRACE HOSPITAL SCH OF NUR | ¢06359 |
| H FORD HSP NURS | ¢0636? |
| INTERNAT DATE PROCE | 508176 |
| MARYGROVE COLLEGE. | 002284 |
| MERCY COLLEGE | 502286 |
| MEACY NURSING | C06365 |
| MICH CAREER INST | C.07553 |
| R Et S ELECTRONIC SCH | 209828 |
| SHAY COLLEGE | 202249 |
| UNIV OF DETROIT | 002323 |
| VA FARRELL BEAUT | 009736 |
| WAYNE CTY COMM CLG | 009230 |


| ST | CITY |
| :---: | :---: |
| 23 | DEtroit |
| 23 | DOWAGIAC |
| 23 | EAST LANSING |
| 23 | ESCANABA |
| 23 | ESSEXVILLE |
| 23 | FARMINGTON |
| 23 | FLINT |
| 23 | FLINT |
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| 23 | FLUSHING |
| 23 | GRANO RAPIDS |
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| 23 | GRAND RAPIDS |
| 23 | HARRI SON |
| 23 | HIGHL AND PARK |
| 23 | HILLS DALE |
| 23 | HOLLAND |
| 23 | HOUGH TON |
| 23 | IRONW0OD |
| 23 | JACKSON |
| 23 | JACKS ON |
| 23 | KALAMAZ00 |
| 23 | Kalamazoo |
| 23 | Kalamazoo |
| 23 | KALAMAZOO |
| 23 | KALAMAZ00 |
| 23 | LANSING |
| 23 | LIVONIA |
| 23 | Livonia |
| 23 | harquette |
| 23 | midlano |
| 23 | Monroe |
| 23 | Mt PLEASANT |
| 23 | mt pleasant |
| 23 | MT. CLEMENS |
| 23 | OAK PARK |
| 23 | OLIVET |
| 23 | PETOSKEY |
| 23 | PLAINUELL |
| 23 | PONTIAC |
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| 23 | PONTIAC |
| 23 | PORT HURON |
| 23 | PORT HURON |
| 23 | ROCHESTER |


| SCHOOL | FICE |
| :---: | :---: |
| GAYNE ST UNIV | 002329 |
| SOUTHNESTERN MICH | 002317 |
| MICHIGAN STATE UNIVERSITY | 002290 |
| BAY DE NOC COMM | 002240 |
| BAY CITY NURSIN | 007347 |
| OAKLAND COM CLG | 002306 |
| baker business | 004673 |
| FLINT J C | 011098 |
| GENL MOTORS INS | 002262 |
| MOTT COMMUNITY COLEEGE | 002261 |
| UAIVERSITY OF MICHIGAN | 002327 |
| ORAKE BUSINESS | 010560 |
| A OUINAS COLLEGE | 002239 |
| BUTIERNORTH SCH OF NURSIN | 006358 |
| CALVIN COLL AND SEMINARY | 002242 |
| CALVIN COLLEGE | 002241 |
| CHIC UNIV COSMET | 008178 |
| DAVEAPORT OUS COLL | 002249 |
| GRAND RAP SCH BIBLE MUSIC | 012312 |
| GRAND RAPIOS BAPTIST | 002266 |
| GRAND RAPIOS JA COL | 002267 |
| KENDALLIDESIGN | 007618 |
| MERCY CENTRAL | 006364 |
| UNITED ELECTRON | 010627 |
| H 10 MICHIGAN CC | 006768 |
| HIGHLAND PARK COM COL | 0 O 2271 |
| HILLSOALE CLG | 002272 |
| HCPE COLLEGE | 002273 |
| HICH TECHNOLOGICAL SC | 002292 |
| GOGEBIC COMMUNITY COL | 002264 |
| JACKS ON BUSINESS UNIV | 004680 |
| JACKSON COM COLLEGE | 002274 |
| KALAMAZ 00 CLG | 002275 |
| Kalamazoo valley col | 006949 |
| NAZARETH CLG | 002298 |
| PARSONS BUSINESS SCHOOL | 008179 |
| WESTERN MICHIGAN UNIV. | 002330 |
| LANSING COMMUNITY COLLEGE | 002278 |
| MAOONNA COLLEGE | 002282 |
| SCHOOLCRAFT CLG | 002315 |
| N MICHIGAN UNIV | 002301 |
| NORTHWOOD INSTITUTE | 004072 |
| MONROE COMM CLG | 002294 |
| CENTRAL MICH UN | 002243 |
| HICH CTL UNIV | 010026 |
| HACOME COUNTY COMM COL | 004681 |
| OAKLAND COMM COL | 010442 |
| OLIVET college | OC230日 |
| NORTH CENTRAL MICHIGAN CO | 002299 |
| State tech inst | C08430 |
| OAKLAND COMM CLG | 008760 |
| PONTIAC BUSINESS NST. | 013157 |
| PONTIAC SCH SYS | 004682 |
| PORT HURON COSMETOLOGY | 008946 |
| St Clair co comm cg | C02310 |
| MICHIGAN CHRISTIAN CLG | 062288 |


| ST | CITY |
| :---: | :---: |
| 23 | ROCHESTER |
| 23 | ROSCOMHON |
| 23 | royal oak |
| 23 | SAGINAN |
| 23 | SAULT ST MARIE |
| 23 | SIDNEY |
| 23 | SOUTHFIELO |
| 23 | SOUTHFIELD |
| 23 | SOUTHFIELD |
| 23 | SPRING ARBOR |
| 23 | St Louls |
| 23 | TRAVERSE CITY |
| 23 | TROY |
| 23 | UNION LAKE |
| 23 | UNIV. CENTER |
| 23 | UNIVERSITY CTR |
| 23 | WARREN |
| 23 | UYOMING |
| 23 | YPSILANTI |
| 23 | YPSILANTI |
| 24 | ALBERT LEA |
| 24 | ALEXANORIA |
| 24 | ANOK ${ }^{\text {a }}$ |
| 24 | AUSTIN |
| 24 | BEMIDJI |
| 24 | BEMIDJI |
| 24 | BEMIDJI |
| 24 | BLOOMINGTON |
| 24 | Brainero |
| 24 | ERAINERO |
| 24 | BROOKLYN PARK |
| 24 | CANBY |
| 24 | collegeville |
| 24 | COON RAPIOS |
| 24 | CROOKSTON |
| 24 | DETROIT LAKES |
| 24 | OULUTH |
| 24 | DULUTH |
| 24 | DULUTH |
| 24 | DULUTH |
| 24 | DULUTH |
| 24 | EAST GRANO FORK |
| 24 | EDEN PRAIRIE |
| 24 | ELY |
| 24 | FARIBAULT |
| 24 | FERGUS FALLS |
| 24 | GRAND RAPIOS |
| 24 | GRANITE FALLS |
| 24 | HUTCHINSON |
| 24 | INYEP GROVE HG |
| 24 | JackSON |
| 24 | mankato |
| 24 | mankato |
| 24 | Mankato |
| 24 | MANKATO |
| 24 | MARSHALL |


| SCHOOL | ICE |
| :---: | :---: |
| OAKLAND UNIVERSITY | ¢52397 |
| KIRTLAND COMH COL | 037171 |
| DAVID PRESSLEY COSM | 110827 |
| SAGINAH BUSS IN | 906770 |
| LAKE SUPERIOR STATE C | 002293 |
| MONTCALM COMMUNJTY C | 002295 |
| CONTROL DATA INST | C08432 |
| LAURENCE INST.OF TECH. | 002279 |
| PROVIDENCE HOSP | 31132 A |
| SPRING AREOR COLLEGE | 002318 |
| RANKEN TECH INSTITUTE | C12500 |
| NORTHUESTERN CO | 602302 |
| WALSH COLLEGE | 304071 |
| OAKLAND COMMUNITY COLLEGE | 9,92315 |
| SAGANA ${ }^{\text {S }}$ VALLEY ST.COLLEGE | 002314 |
| delta college | 002251 |
| MACOMB CO COMA COL | C08906 |
| LESTBROOK BTY CL | 011513 |
| CLEARY COLLEGE | 002246 |
| EASTERN HICHIGAN UNIV | 002259 |
| ALBERT LEA VOCATIONAL SCH | 009891 |
| ALEXANDRIA TECH | C05544 |
| ANOKA TECHNICAL | 007350 |
| AUSTIN VOC TECH | 005543 |
| BEMIDJI STATE UNIVERSITY | 002336 |
| BEMIDJI VO-TECH | 005759 |
| OAK HILLS O INS | 007992 |
| NOAMANDALE COMM COLL | 007954 |
| BRAINERD | 002339 |
| GRAINERD VOC SC | n05542 |
| HENNEPIN TEC CENTER | 202370 |
| CANBY VOC TECH | C0575B |
| ST JOHNS UNIV | 002379 |
| ANOKA-RAMSEY ST JR CO | $0 C 2332$ |
| UNIV OF MINNESOTA | 004069 |
| DETROIT LAKES TECH | 005541 |
| CLG. OF ST. SCHOLASTICA | ก02343 |
| DUEUTH BUSINESS UNIV | 009892 |
| DULUTH VOC TECH INST | 005757 |
| ST LUKES HOSP OF NURS | 90638? |
| UNIV OF MINNESOTA | C02388 |
| AVTI (AREA VOC TECH INSTY | ก11235 |
| SUBURBAN S.HENNEPIN VO.TE | 010491 |
| VERMILLION COMUNITY COLL. | OU235: |
| FARIBAULT AREA VOC TECH | 005756 |
| FERGUS FALLS JC | 032352 |
| ITHACA JR COL | 502356 |
| GRANITE FALLS VOC | 005263 |
| HUTCHINSON AREA VO TECH | 009196 |
| INVER HILLS COMM.COLLEGE | c.0974: |
| JACKSON AREA VO TECH | C05538 |
| MANKATO RTY SCHOOL | C09996 |
| MANKATO COMMERCIAL COLL | 004644 |
| MANKATO STATE UNIVERSITY | ग9236\% |
| MANKATO VOC TECH SCh | r05537 |
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|  | ST | city |  | SCHOOL | FICE | St | cITY | SCHOOL | FICE |
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|  | 24 | MINNE APOLIS |  | ABBOTT-NH HOSP SCHOOL | 010443 | 24 | St PaUL | macalesteq col | 002358 |
|  | 24 | MINNEAPOLIS |  | ART INSTRUCTION SCH | 007495 | 24 | ST PaUL | MOUNDS-MIOWAY SC | C02368 |
|  | 24 | MINNEAPOLIS |  | AUGSBUGG COLLEGE | 002334 | 24 | St PaUl | NWTN BIBLE COLL | 002372 |
|  | 24 | MINNEAPOLIS |  | BROUN INSTITUTE | 007351 | 24 | St Paill | RASMUSSEN BUS C | 204648 |
|  | 24 | MINNEAPOLIS |  | CONTROL OATA INSTITUT | 007554 | 24 | St Paul | St Paul bible C | 002383 |
|  | 24 | MINNEAPOLIS |  | OUNWOOOY INST | 004641 | 24 | ST PAUL | ST PAUL T.V.I. | 210553 |
|  | 24 | MINNEAPOLIS |  | ELKINS INSTITUTE | 009829 | 24 | ST PAUL | ST PAUL VOC TECH SCH | 005533 |
|  | 24 | MINNEAPOLIS |  | glamour beauty academ | 010403 | 24 | ST PAUL | WILLIAM MITCHELL COLL LAW | ro323?1 |
|  | 24 | MINNEAPOLIS |  | goloen valley luth clg | c07123 | 24 | ST PETER | GUSTAVUS AOOLPHU | 002353 |
|  | 24 | MINNEAPOLIS |  | HUMBOLT INSTITUIE | 007065 | 24 | ST. JOSEPH | St BENEDICTS | 002341 |
|  | 24 | MINNEAPOLIS |  | L. DEACONESS HSP SCH * NRS | 006375 | 24 | ST. PAUL | COLL. DF ST. THOMAS | 202345 |
|  | 24 | MINNEAPOLIS |  | HCCONNELL A SCH | 007352 | 24 | ST. PAUL | LUTHER THEOLOGICAL SEM. | 092357 |
|  | 24 | MINNEAPOLIS |  | MEO INST OF MINN | 007619 | 24 | THIEF RIVER FLS | NORTHLAND COMMUNITY COLL | C02385 |
|  | 24 | MINNE APOLIS |  | METRO MED CENT SCH MO TEC | 010834 | 24 | THIEF RIVER FLS | TRF AREA VOC TECH SCH | no2333 |
|  | 24 | MINNEAPOLIS |  | metropolitan comm college | 002362 | 24 | VJRGINIA | MESABI COMMUNITY COLLEGE | 244037 |
|  | 24 | MINNE APOLIS |  | HINN COLL OF ART/OESIGN | 002365 | 24 | WADENA | HADENA AREA TECH | 005251 |
|  | 24 | MINNEAPOLIS |  | HINN DRAFTING INST | 011017 | 24 | WASECA | UNIV OF MINN TECH CLG | 010225 |
|  | 24 | MINNEAPOLIS |  | MINNEAPOLIS GUSINESS COL | 004645 | 24 | WHITE GEAR LAKE | LAKEVOOD COMMUNITY COLL | 006774 |
|  | 24 | MINNEAPOLIS |  | MINNEAPOLIS TEC | 005536 | 24 | WHITE BEAR LAKE | WHITE BEAR LAKE VOC-TECH | 010546 |
|  | 24 | HINNEAPOLIS |  | M INNESOTA SCH. OF BUS. | 004646 | 24 | WILLMAR | WILLMAR AREA VOC TECH | 005252 |
|  | 24 | MINNEAPOLIS |  | N CENTRAL BIBLE CLG | 002369 | 24 | WINONA | CLG St TERESA | C02344 |
|  | 24 | MINNEAPOLIS |  | NORTH MEMORIAL | 004368 | 24 | UINONA | St Maryos college | r.02384 |
|  | 24 | MINNEAPOLIS |  | NORTH WESTERN H | 006377 | 24 | WINONA | UINONA ST COLL | n02394 |
|  | 24 | MINNEAPOLIS |  | NH ELECTRONICS INSTIT | 007353 | 24 | WORTHINGTON | HORTH ST JR COL | $0 C 2395$ |
|  | 24 | MINNLAPOLIS |  | NW IECHINST | 008267 | 25 | 8ILOXI | MISS GULF COAST JR C | 708763 |
|  | 24 | MINNEAPOLIS |  | PATRICIA STEVENS SCHOOL | 010248 | 25 | blue mountain | blue mountain | 002398 |
|  | 24 | MINNEAPDLIS |  | PROF BUS INST | 067590 | 25 | BOONEVILLE | NORTHEAST MISS JR COL | 002426 |
|  | 24 | MINNEAPOLIS |  | ST MARY HOSPIAL | 004382 | 25 | CLARKSOALE | COAHOMA JR COLLEGE | 002401 |
| ? | 24 | MINNEAPOLIS |  | ST MARYS JR COLLEGE | 002381 | 25 | CLEVELANO | OELTA STATE | 002403 |
| $\stackrel{\square}{\circ}$ | 24 | MINNEAPOLIS |  | U OF MINNESOTA | 003969 | 25 | CLINTON | HISSISSIPPI COLLEGE | 302915 |
| - | 24 | MINNE APOLIS |  | UNIV OF MN COLL OF L/ARTS | $0 ¢ 2359$ | 25 | coluhbus | MISS ST CO FOR HOHEN | 002422 |
| $\because$ | 24 | MOORHEAD |  | CONCOROIA COLLEGE | 002346 | 25 | DECATUR | EAST CENTRAL JUNIOR C | 002434 |
|  | 24 | MOORHEAO |  | MOORHEAD STATE | 002367 | 25 | ELIISVILLE | JAMES JR COLLEG | 002411 |
|  | 24 | MOORHEAD |  | MCORHEAD TECH INST | $0 \subset 5262$ | 25 | FLORENCE | WESTMINSTEA COL | 011461 |
|  | 24 | MORRIS |  | UNIV OF HINNESOTA | 002389 | 25 | FULTON | ITAWAMBA JUNIOR COLLEGE | 002407 |
|  | 24 | NORTHFIELO |  | Carleton college | 002340 | 25 | GAUTIER | JACKSON COUNTY JR.COLLEGE | 002418 |
|  | 24 | NORTHFIELD |  | SAINT OLAF COL | 002382 | 25 | GOODMAN | homes jr colleg | 50243 A |
|  | 24 | OWATONNA |  | PILLSBURY BIBLE COLLEGE | 006773 | 25 | GULFPORT | J.D.C.HS.GULF COAST JR.CG | 012766 |
|  | 24 | PINE CITY |  | PINE CITY AREA VOC-TEC | 005535 | 25 | GULFPORT | HISS GULF JEFF DAVIS J C | 002419 |
|  | 24 | PIPESTONE |  | PIPESTONE VO TEC | 007354 | 25 | GULFPORT | PHILLIPS COLLEGE | 000221 |
|  | 24 | RED WING |  | RED UING VO-TEC | 011029 | 25 | HATTIESBURG | UNIV. OF SOUTH'N MISSISSI | 002441 |
|  | 24 | ROCHESTER |  | MAYO CLINIC | 011516 | 25 | HATTIESBURG | WILLIAM CAREY COLLEGE | 302447 |
|  | 24 | ROCHESTER |  | ROCHESTER COMM COL | 002373 | 25 | HOLLY SPRINGS | RUST COLLEGE | 002433 |
|  | 24 | ROCHESTER |  | ROCHESTER VOCATIONAL | 007355 | 25 | ITTA EENA | MISS VALLEY St colg | 002424 |
|  | 24 | ROSEMONT |  | DAKOTA VOCAT SC | 010402 | 25 | JACKSON | BELHAVEN COLLEGE | 002397 |
|  | 24 | ROSEVILLE |  | NORTHUESTERN COLLEGE | 002371 | 25 | JACKSON | ORAUGHON*S | 008551 |
|  | 24 | SAINT CLOUd |  | SAINT CLOUD S U | 002377 | 25 | JACKSON | JACKSON STATE UNIVERSITY | 002410 |
|  | 24 | SAINT CLOUT |  | St ClOUD EEAUTY CLG | 009603 | 25 | JACKSON | HILLSAPS COLLEG | C02414 |
|  | 24 | SAINT LOUIS | PK | METHODIST HOS SCH-NUR | 006657 | 25 | JACKSON | ST DOMINICS MEMORIAL HOSP | 732437 |
|  | 24 | st cloud |  | St Cloud bus College | 008694 | 25. | JACKSON | UNIVERSITY MEDICAL CENTER | 102442 |
|  | 24 | St Cloud |  | St CLOUO VOC | 005534 | 25 | JACKSON | UNIVERSITY OF MS. MED. CT | 004688 |
|  | 24 | St Pavi |  | BETHEL COL SEMIN | 009059 | 25 | KEESLER AFB | KEESLER TEC TRNG | 007894 |
|  | 24 | St Paul |  | bethel college | 009058 | 25 | LORMAN | ALCORN STATE UNIVERSITY | 002396 |
|  | 24 | St Paul |  | ClG OF St Catherine | 002342 | 25 | MATHISTON | WOOD JR COLLEGE | OG2448 |
|  | 24 | ST PAUL |  | CONCORDIA COL | 002347 | 25 | MERIDIAN | MERIDIAN JR COLLEGE | C02413 |
|  | 24 | St PAUL |  | HAMLINE UNIV | 002354 | 25 | MOOREHEAD | MISS DELTA COLLE | 002416 |


| 25 | natchez | UNIV OF SOUTHERN MISS | 002444 |
| :---: | :---: | :---: | :---: |
| 25 | NEWTON | Clarke mem coll | 002400 |
| 25 | OXFORO | UMIV OF MISSISSIPPI | 004690 |
| 25 | OXFARD | UNIV. OF MISS.-LAU | 020046 |
| 25 | PERKINSTON | MISS GULF COAST | 002420 |
| 25 | POPLARVILLE | PEARL RIVER JR CLG | 002430 |
| 25 | RAYMOND | HINDS J C | 002407 |
| 25 | SCOOBA | EAST MISSISSIPPI JR COLL | 062405 |
| 25 | SENATOBIA | NORTHMEST JR. COLLEGE | 002427 |
| 25 | Starkville | MISSISSIPPI STATE UNIV. | 002423 |
| 25 | tougaloo | tougaloo college | 002439 |
| 25 | TUPELO | I C C VOCATION | 008300 |
| 25 | UNIVERSITY | UNIVERSITY OF MISSISSIPPI | OC2440 |
| 25 | UTICA | UTICA JUNIOR COLLEGE | 002445 |
| 25 | UESSON | COPIAH-LINCOLN JA COL | 002402 |
| 25 | WEST POINT | mary holmes | 002412 |
| 26 | OOLIVAR | SOUTHUEST BAPTIST | 002502 |
| 26 | CANTON | CULVER-STOCKTON | 002460 |
| 26 | CAPE GIRARDEAU | S OUTHEAST MO. STATE UNIV. | 002501 |
| 26 | CHILLICOTHE | CHILLICOTHE AREA VOC TECH | 005531 |
| 26 | ClAYTON | HICKE YS'BUSINESS | 010279 |
| 26 | COLUBB1A | COLOMBIA COLLEGE | 002456 |
| 26 | columbia | STEPHENS CLG | 002512 |
| 26 | columbia | UNIV OF MISSOURI | 002516 |
| 26 | FAYETTE | CENTRAL METHODIST CO | 002453 |
| 26 | FERGUSON | St louls comm college | 002469 |
| 26 | FLORISSANT | BENTON*S SCH HAI | 011970 |
| 26 | FULTON | UESTMINSTER COL | 002523 |
| 26 | FULTON | UJLLIAM NOOOS | 002525 |
| 26 | I NDEPENDENCE | CENTRAL MO STATE UNIV | 004708 |
| 26 | INDEPENDENCE | JENNIE LANO SCHOOL | 009382 |
| 26 | JEFFERSON CITY | LINCOLN UNIVERSITY | 002479 |
| 26 | JOPLIN | MISSOURI SOUTHERN ST COLL | 002488 |
| 26 | KANSAS CITY | AERO MECKNC SCH | 007497 |
| 26 | KANSAS CITY | AMEP. AUTOM.TR.CENTER.INC | 009946 |
| 26 | KANSAS CITY | ATLANTIC SCHOOL | 004395 |
| 26 | KANSAS CITY | OELSAW INSTITUTE | 007498 |
| 26 | KANSAS CITY | CALVARY BIBLE CL | 002450 |
| 26 | KANSAS CITY | K.C.VOCATIONAL TECH.CTR. | 005443 |
| 26 | KANSAS CITY | Kansas city medical | 011736 |
| 26 | KANSAS CITY | KANSAS CITY ART INST | 002473 |
| 26 | KANSAS CITY | KANSAS CITY BUS. COLLEGE | 004710 |
| 26 | KANSAS CITY | KANSAS CITY COL OF MED | 002474 |
| 26 | KANSAS CITY | hachine traing cent | 010699 |
| 26 | KANSAS CITY | MAN POWER TRAINING | 068551 |
| 26 | KANSAS CITY | MID CONTINENT AVIATION | 010320 |
| 26 | KANSAS CITY | NAZARENE THEOLOGICAL SCH | 002494 |
| 26 | KANSAS CITY | PENN VALLEY COM COL | 502494 |
| 26 | KANSAS CITY | PLATT BUSINESS COLL | 010114 |
| 26 | KANSAS CITY | ROCKHURST COLLEGE | 002499 |
| 26 | KANSAS CITY | ST LUKE SCH-NUR | 089782 |
| 26 | KANSAS CITY | STANOARD TECH INST | 002455 |
| 26 | KANSAS CITY | UPKC CONSERVATORY MUSIC | 0 C 4704 |
| 26 | KANSAS CITY | UAIVERSITY OF HISSOURI | 062518 |
| 26 | KANSAS CITY | UEAVER AIRLINE S | 007281 |
| 26 | KIRKSVILLE | KIRKSVILLE COLLEGE MED | 002477 |


| 26 | KIRKSVILLE <br> KIRKYOOD |
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| 26 | LEES SUMMITT |
| 26 | LIBERTY |
| 26 | Marshall |
| 26 | MARYVILLE |
| 26 | MOBERL. Y |
| 26 | NEOSHO |
| 26 | NEVADA |
| 26 | NORTH KANSAS |
| 26 | $0^{\circ} \mathrm{FALLON}$ |
| 26 | PARKSVILLE |
| 26 | POPLAR BLUFF |
| 26 | PT LOOKOUT |
| 26 | ROLLA |
| 26 | ROLLA |
| 26 | SEDALIA |
| 26 | SPRINGFIELD |
| 26 | SPAINGFIELD |
| 26 | SPRINGFIELD |
| 26 | SPRINGFIELD |
| 26 | SPR INGFIELD |
| 26 | SPRINGFIELO |
| 26 | SPRINGFIELD |
| 26 | SPRINGFIELD |
| 26 | SPRINGFIELO |
| 26 | St CHARLES |
| 26 | ST JOSE.PH |
| 26 | ST JOSEPH |
| 26 | St LOUIS |
| 26 | St Louls |
| 26 | St LOUIS |
| 26 | St Louls |
| 26 | St LOUIS |
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| NORTHEAST MS.STATE UNIV. | 002 |
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| merrimac Comm college | 002412 |
| LONGVIEM | 009140 |
| WH JEYELL COLLEGE | 002524 |
| MISSOURI VALLEY | 302489 |
| NORTHUEST MISSOURI ST UNI | 902496 |
| MOBERLY ARCA JR. COLLEGE | 002491 |
| CROUDER COLLEGE | 002459 |
| cotir college | 002458 |
| U ELECTRONIC IN | 010429 |
| St MARY'S COLLEGE | 502507 |
| PARK COLLEGE | 002498 |
| THREE RIVERS COLLEGE | 004713 |
| SCH OF OZARKS | 002530 |
| R SCH OF MINES | 005429 |
| UNIV OF MISSOURI | r02517 |
| STATE FAIR COMM CLG | 008087 |
| BAPTIST BIBLE COLLEGE | 913208 |
| BURGE SCHOOL OF NURSING | 104398 |
| CENTRAL BIBLE C | +02452 |
| ORURY COLLEGE | n02461 |
| EVANGEL COLLEGE | 002463 |
| GRAFF AREA VOC. TECH. SCH | 012884 |
| MIO-AMER BUS COL | 008121 |
| SOUTHWEST MO. STATE UNIV | 002533 |
| ST JNS SCH OF NURSING | r06393 |
| LINDENWOOO COLLEGE | C92480 |
| GARDS BUS UNIV | (108490) |
| MISSOURI UESt St college | 002490 |
| QUTOMATION TRAIN INC | CO8183 |
| BAILEY TECHNICAL | 607557 |
| FLORISSANT VLY C | 002470 |
| FOREST PARK COMM CO | 092471 |
| HARRIS TEACHERS CLG | 002466 |
| LANDVOHL COLLEG | 311846 |
| LUTHERAN MEOICAL CENT | 0.06666 |
| maryville college | 932482 |
| MO BAP COL-SL | ¢0754.1 |
| MO BAPTIST SCH OF NURSING | 006391 |
| S L MUN NUR SCH | 316464 |
| ST LOUIS CLG OF PHARM | CO2544 |
| TECH ED CORP | 097356 |
| UNIV MISSOURI | 202519 |
| WASHINGTON U | 502520 |
| WEBSTER COLLEGE | 002521 |
| CONCOROIA SEMINARY | 002457 |
| COVENANI THEOLOGICAL SEMI | O04707 |
| DEPAUL SCH OF NURSING | -06386 |
| FOREST PARK COMM. COLLEGE | C12823 |
| MISSOURI SCH DOCTORS ASST | -09795 |
| St. LOUIS LAW SCHOOL | +02596 |
| MISSOURI BAPTIST SCH. | 702465 |
| TRENTON JUNIOR COLLEG | - 32514 |
| EAST CENTRAL JR | -68862 |
| CENTRAL MISSOURI STATE UN | :02454 |
| WARRENSBURG VOC-TEC | 011026 |


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| 27 | OILLINGS | BILLINGS BUSINES | 004716 | 28 | OMAHA | NETTLETON BUS COLL | 004722 |
| 27 | BILLINGS | BILLINGS VOC TECH | 010166 | 28 | OMAHA | PAT STEVENS SEC | C13783 |
| 27 | BILLINGS | EASTERN MONT COLLEGE | 002530 | 28 | OMAHA | STEWARTS HAIRSTY | 010197 |
| 27 | BILLINGS | ROCKY MOUNTAIN COL | 002534 | 28 | OMAHA | UNIV TF NEBR／NURSING | 006895 |
| 27 | BOZEMAN | BOLEMAN VO TECH | 008340 | 28 | OMAHA | UNIVERSITY OF NEBRASKA | 002554 |
| 27 | BOLEMAN | montana st univ | 002532 | 28 | PERU | PERU STATE COLLEGE | C02559 |
| 27 | BUTTE | BUTTE BUSINESS COLLEGE | 004717 | 28 | SEUARO | CONCORDIA TEACH | 002541 |
| 27 | BUTTE | BUTTE VO TECH CENTER | 009282 | 28 | WAHOO | JOHN F KENNEOY | 002550 |
| 27 | 日UTTE | MONTANA TECH | 002531 | 28 | WAYNE | YAYNE STATE CLG | 002566 |
| 27 | DILLON | WESTERN | 002537 | 28 | YORK | YORK COLLEGE | 402567 |
| 27 | GLENDALE | DAHSON JR．COLLEGE | 002529 | 29 | ELKO | NORTHERN NEVADA COMM CLG | 006977 |
| 27 | great falls | COLLEGE OF GREAT FALLS | 002527 | 29 | INCLINE VILLAGE | SIERRA NEVADA COLLEGE | 009192 |
| 27 | HAGERSTOUN | VCTEC CENTER | 004035 | 29 | LAS VEGAS | CLARK CO．COMM．COLLEGE | 019362 |
| 27 | HAVRE | n montana clg | 002533 | 29 | LAS VEGAS | UNIV OF NEVADA | 002569 |
| 27 | HELENA | CARROLL COLLEGE | 002526 | 29. | RENO | RENO GUSINESS JR COLL | 009948 |
| 27 | HELENA | HELENA VOCATIONAL TECH | 007570 | 29 | RENO | UNIVERSITY OF NEVAOA | 002568 |
| 27 | HELENA | MADDIOS CAPITOL CITY BEAU | 008970 | 29 | RENO－STEAD | WESTERN NEY COMM CLG | 010363 |
| 27 | KALISPELL | FLATHEAD COMMUNITY COLL | 006777 | 29 | SPARKS | PRATER YAY CL OF BEAUT | 007371 |
| 27 | HISSOULA | MISSOULA VOCATIONAL | 007561 | 30 | ANTRIK | NATHANIEL HAWTHORNE COL | C02578 |
| 27 | MISSOULA | St Patrick hospital sch | 062535 | 30 | CLAREMONT | CLAREHONT VOCH | 30756 ？ |
| 27 | MISSOULA | ST PATRICK＇S SCH RADI | 004427 | 30 | CONCORD | N．H．TECHNICAL INST | 002581 |
| 27 | MISSOULA | UNIV MONTANA | 002536 | 30 | DOVER | HCINTOSH COLLEGE | 004730 |
| 28 | belle vue | bellevue college | 009743 | 30 | DURHAM | THOMPS SCH APPLI SCIE | 004446 |
| 28 | CHAOR ON | CHADRON STATE COLLEGE | 002539 | 30 | DURHAM | UNIV OF $N$ HAMP | 002589 |
| 28 | columbus | PLATTE COLLEGE | 007611 | 30 | hanover | DARTMOUTH | 002573 |
| 28 | CRETE | DGANE COLLEGE | 002544 | 30 | HANOVER | MARY HITCHCOCK HOSP NURS | 010576 |
| 28 | FAIREURY | SE NEBRASK TECH COM C | 002546 | 30 | HENNIKER | NEY ENGLAND COL | 002579 |
| 28 | FREMONT | MIDLANO COLLEGE | 002553 | 30 | KEENE | CHESHIRE HOSP SCH OF NURS | 006409 |
| 28 | GRAND ISLANO | G I SC Of buSINS | 005207 | 30 | KEENE | KEENE STATE CLG | 002590 |
| 28 | GRAND ISLANO | ST FRANCIS SCH OF NURSING | 006406 | 30 | LACONIA | LAKES REGION GEN＇L HS | nC6137 |
| 28 | HASTINGS | CENTRAL TECH COMM CLG | 004720 | 30 | LACONIA | NEW HAMPSHIRE VOC TECHNI | 007555 |
| 28 | HASTINGS | HASTINGS COLLEGE | 002548 | 30 | MANCHESTER | CONCORD COMMERCI | こ09041 |
| 28 | HASTINGS | MARY LANNING SCH OF NURS． | 006403 | 30 | MANCHESTER | HESSER COLLEGE | T04729 |
| 28 | KEARNEY | KEARNEY STATE CL | 002551 | 30 | MANCHESTER | NEW HAMP VOC TECH CLG | 302582 |
| 28 | LINCOLN | LINCOLN COMMERCE | 004721 | 30 | MANCHESTER | NEY HAMPSHIRE CL | 002580 |
| 28 | LINCOLN | LINCOLN GEN SCH | 006402 | 30 | MANCHESTER | NOTRE OAME COLLEGE | CL2584 |
| 28 | LINCOLN | LINCOLN TECH C | 009694 | 30 | MANCHESTER | ST ANSELAS COL | n02587 |
| 28 | LINCOLN | NEBRASKA HESLYN | 002555 | 30 | MANCHESTER | UNIVERSITY OF N H | 009009 |
| 28 | LINCOLN | SOUTHEAST TECH COMM COLL | 007591 | 30 | nashua | NEW ENG AERONAUTICAL INST | n04731 |
| 28 | LINCOLN | UNIV OF NEBRASKA | 002565 | 30 | NASHUA | NH VOCA TECH CLGE | ＋09236 |
| 28 | mcCook | MCCOOK JR COLLEGE | 002552 | 30 | NASHUA | RIVIER COLLEGE | 002586 |
| 28 | MILFORO | MILFORD TECH CLG | 004723 | 30 | NEW LONDON | colby college | 302572 |
| 28 | NORF OLK | NE NE日RASKA COMM | c11667 | 30 | PLYMOUTH | PLYMOUTH St CLg | ¢02591 |
| 28 | NORFOLK | NORTHEAST NEG TECK | 010382 | 30 | PORTSMOUTH | H．H．VOCATIONAL TECH．COL | 002583 |
| 28 | NORTH PLATTE | M10－PLAINS VOC－TEC | 007527 | 30 | RINDGE | FRANKLIN PIERCE CLG | 202575 |
| 28 | NORTH PLATTE | NORTH PLATTE TECH SCH | 002557 | 31 | BAYONNE | BAYONNE HOSP SC | 211339 |
| 28 | OMAHA | COLLEGE OF ST MARY | 002540 | 31 | BERLIN | CAMDEN COUNTY VOC TECH | $\bigcirc 12069$ |
| 28 | OMAHA | COMMERCIAL EXTENSION SC | 008491 | 31 | BLACKW000 | CAMDEN COUNTY COL | 006865 |
| 28 | OHAHA | CREIGHTON UNIVERSITY | 002542 | 31 | BLOOMFIELD | BLOOMFIELD CLG | r02597 |
| 28 | omaha | DUSCENE ACADEMY | 002545 | 31 | bloomf IELO | BLOOMFIELD TECHNICAL | 205412 |
| 28 | OMAHA | ELECTRONIC COMPUTER PROG | 010505 | 31 | CALDWELL | CALOYELL COLLEGE | ก02598 |
| 28 | OMAHA | gatewar elec Ins | 011814 | 31 | CAMDEN | HELENE FULD SCH Of NURS | 094739 |
| 28 | OMAHA | GRACE BIGLE INST | 002597 | 31 | CAMDEN | LAOY LOURDS NUR | 007070 |
| 28 | OMAHA | IMMANUEL HOSP SCH NUR | 006401 | 31 | CAMDEN | RUTGERS LAW | n04741 |
| 28 | OMAHA | METROPOLITAN COMM COLL | 012586 | 31 | CHERRY HILL | AMERICAN TRAINING SER | 01064 C |
| 28 | OMAHA | NE METHOD HOS SCH NUR | 006404 | 31 | CLIFTON | CAPRI／HAIR DESIGN | 709078 |


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| 31 | CLINTON NC | SAMPS ON TECH INST | 007892 |
| 31 | CONVENT STATION | COL OF ST ELIZABETH | 002600 |
| 31 | CRANF ORD | UNION COLLEGE | 002643 |
| 31 | DOVER | JOSEPH PATERNO COLLEG | 010753 |
| 31 | DOVER | MORRIS CO CLG | 007729 |
| 31 | EAST BRUNSUICK | M IDDLESEX COUNTY AREA V 1 | 005401 |
| 31 | EAST BRUNSWICK | THE BRYMAN SCH | 010859 |
| 31 | EAST ORANGE | BERKELEY BUSINESS SCH | 007502 |
| 31 | EAST ORANGE | UPSALA COLLEGE | 002644 |
| 31 | EOISON | CITTONE SCHOOL | 012461 |
| 31 | EDISON | MIDDLESEX COVNTY COLL | 002615 |
| 31 | ESSEX FELLS | NCRTHEASTERN BIBLE CL | 002623 |
| 31 | GLASSBOR 0 | GLASSBORO ST U | 302609 |
| 31 | HACKENSACK | BERGEN TECH SCHOOL | 005418 |
| 31 | HACKENSACK | CCURT REPORT／SECRETARY IN | 012462 |
| 31 | HACKENSACK | FAIRLEIGH DICKENSON U | 002605 |
| 31 | HACKENSACK | LYONS INSTITUTE | 010321 |
| 31 | HACKENSACK | PERISIAN BEAUT C | 007593 |
| 31 | HACKETTSTOUN | CENTENARY COL WOMEN | 002599 |
| 31 | haddonfielo | MASION BEAUTY COLLEGE | 010903 |
| 31 | HOBOKEN | STEVENS INS TEC | 002639 |
| 31 | JACKSON | OCEAN CO VOCATIONAL SCH | 005391 |
| 31 | JERSEY CITY | CAPRICE BEAUTY ACADEMY | 011708 |
| 31 | JERSEY CITY | JERSEYCI ST CL | 002613 |
| 31 | JERSEY CITY | St．PETERS COLLEGE | 002638 |
| 31 | LAKEVOOD | GEORGIAN CT CLG | 002608 |
| 31 | LINCROFT | BROOKDALE COM COLLEGE | 008404 |
| 31 | LIttie falls | SCHOOL OF MOOERN PHOTOGRA | 007364 |
| 31 | LIVINGSTON | St barnabas med prac nurs | 011687 |
| 31 | LIVINGSTON | ST GARNABAS NRS | 009796 |
| 31 | L001 | FELICIAN COL | 002610 |
| 31 | MADISON | DRES UNIVERSITY | 002603 |
| 31 | MADISON | FAIRLEIGH DICKINSON | 004738 |
| 31 | MAHWAH | RAMAPO CLG | 009344 |
| 31 | mays landing | ATLANTIC COMM COLLEGE | 002596 |
| 31 | MONMOUTH COUNTY | maECOM MONMOUTH ADULT SCH | 005399 |
| 31 | montclalr | KATHARINE GIBBS BUSIN | 007507 |
| 31 | montclair | MONTCLAIR ST CO | 002617 |
| 31 | hontclair | MCUNTAINSIDE HOSP SCH | 006420 |
| 31 | MOONACHIE | TETERBORO AERONAUTICS | 005452 |
| 31 | MORRIS PLAINS | INST OF OUS TECHNOLOGY | 011688 |
| 31 | NEPTUNE | ANN MAY SCH OF NURSING | 012721 |
| 31 | NEW GRUNSWICK | DOUGLASS COL | 002630 |
| 31 | NEW BRUNSUICK | NEW BRUNSUICK | 002619 |
| 31 | NEW ERUNSWICK | RUTGERS UNIVERSITY | 006964 |
| 31 | NEW YORK | MANHATTAN PRINTING S | 007402 |
| 31 | NEVARK | CLARK－ROBEINS CLINIC | 005870 |
| 31 | NEVARK | CTL EVENING SCH | 010991 |
| 31 | NEWARK | ESSEX COUNTY ADULT SCHOOL | 007505 |
| 31 | NEWARK | ESSEX COUNTY CC | 007107 |
| 31 | NEWARK | girls vocational | 005409 |
| 31 | NEWARK | LYONS INSTITUTE | 607664 |
| 31 | NEWARK | n J Meoical clg | 002620 |
| 31 | NEWARK | NEW JERSEY INST OF TECH | 012817 |
| 31 | NEWARK | NEW JERSEY MED．SCH | C11174 |
| 31 | NEWARK | NEWARK CLG ENGI | 002621 |


| 31 | NEHARK |
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| 31 | PJSCATAWAY |
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| 31 | POMONA |
| 31 | PRINCETON |
| 31 | PRINCETON |
| 31 | RANDOLPH TWP |
| 31 | RIDGEWOOD |
| 31 | RUTHERFORD |
| 31 | SCOTCH PLAINS |
| 31 | SEWELL |
| 31 | SHORT HILLS |
| 31 | SOUTH ORANGE |
| 31 | SUCCASUNNA |
| 31 | TEANECK |
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RUTGERS•S UNIVERSITY
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SETON LAN SCH 002631 ST－MICHAELS MED．CTR．IXRAY 011433 ORANGE MEM HOSP SCH NURS NUGA25 BERGEN COMMUNITY COL OC4736 PASSAIC COUNTY COMM COLL $[99994$日URLINGTON CO COL 30773 n RYOER TECHNICAL INSTITUTE 609993 RUTGERS MED．SCH． 310812 MUHLENBERG SCHOOL 906421 TAYLOR BUS INST 609411 STOCKTON STATE COLLEG $\$ 39345$ PRINCETON THEOLOGICAL SEA PG2626 PRINCETON UNIV 002627 COUNTY COLLEGE OF MORRIS 007106 THE EERKELEY SCH 609126 FAIRLEIGH DICKERSON UNIV 302694 OATA PROCESS IN 011910 GLOUCESTER COUNTY CLG nO6901 CHUBE INST FOR COMPUTER 91 「851 CHUBB INST FOR COMPUTER 21.851
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ILFRED ACADAHY
FAIRLEIGH DICKINSON U 302607
OCEAN COUNTY COLLEGE 902624
WILFREOS ACAD 0 OOS 127
HELENE FULO SCH RADIOLOGY OO594J MERCER COUNTY COMM COLL 04740 RIOER CLG
STFRANCIS HOS SC RAD 00516 ：
TRENTON STATE COLLEGE 002642
TRENTON VOCATIONAL 05457
LINCOLN TECH INS 907506
NEHARK ST COL
ROBERTS UALSH STENOTYPE
CUMBERLAND COUNTY COL
$\because 92622$

W JERSEY HOSP SCH／HEO TEC il11337
MONMOUTH COLLEGE ！ 02616
WM PATERSON COL 002625
DEVRY TECH INST NG9228
$\begin{array}{ll}\text { ALPHONSUS JR COLLEGE } & ? 92593 \\ & 0.02658\end{array}$ ALQUQUERGUE TECH－VOCT INS 904742 SOUTHUEST BUSINESS COLLEG ：O9813 SOUTHUEST COMPUTER COLLEG ：09813 SOUTHUESTERN INOIAN POLYT O11195 SOUTHWESTERN INOIAN POLYT 011185 UNIV OF NM
$+110313$ NEY MEXICO STATE UNIV．TO2659 EASTEAN N．M．UNIVERSITY $\quad$ ．04743 EL RITO TEC SCHL NE MEXICO TECH VAC S UN OF NEW MEXICO NEW MEXICO STU NNIV OF GUADALAJARA $\quad 908854$ N．HEXICO JR．COLLEGE ro2655 NEY MEXICO ST UNIV O．32657 NEW MEXICO ST UNJV ：12．36

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| 32 | las vegas | HIGHLANDS UNIV | 002653 | 33 | AROOKL.YN | State university educ ctr | 392834 |
| 32 | PORTALES | EASTERN NEW MEX | 002651 | 33 | BROOKLYN | YESHIVA UNIV | 907976 |
| 32 | ROSUELL | E NEW MEXICO UNI | 002661 | 33 | BUFFALO | BRYANT \& STRAT BUS IN | 002678 |
| 32 | ROSWELL | LEA ROSUELL CLG | 010078 | 33 | BUFFALO | BUFF GEN HOSP SCH | 30644: |
| 32 | ROSWELL | N MEXICO MILITAR | 002656 | 33 | BUFFALO | BUFFALO LAH SCHOOL | C12073 |
| 32 | SANTA FE | College of santa fe | 002649 | 33 | BUFFALO | CANISIUS COLtEGE | 102681 |
| 32 | SANTA FE | INST AMERICAN INDIAN ARTS | 011011 | 33 | RUFFALO | D'YOUVILLE CLG | 「32712 |
| 32 | SILVER CITY | WESTERN NEW MEX U | 002664 | 33 | BUFFALO | EMPIRE STATE COLLEGE | ¢10286 |
| 32 | SOCORRO | NCH MEXICO INST. OF TECH. | 002654 | 33 | BUFFALO | ERIE COKMUNITY CLG | C02865 |
| 33 | ALBANY | albany bus col | 004749 | 33 | BUFFALO | ERIE COHMUNITY COLLEGE | 019684 |
| 33 | ALBANY | ALBANY LAN SCHOOL | 002886 | 33 | BUFFALO | medaille college | 002777 |
| 33 | ALBANY | ALbany med center sch | 002887 | 33 | BUFFALO | MEYER HEM HOSPIT | 756447 |
| 33 | ALBANY | AUSTIN BEAUTY SC | 007372 | 33 | BUFFALO | MILLARO FILLMORE HOSP | 311714 |
| 33 | ALBANY | B OCES | 010181 | 33 | BUFFALO | MILLARO FILLMORE HOSP NUR | 「06456 |
| 33 | AlEANY | COLL OF PHARMACY | 002885 | 33 | BUFFALO | ROSARY HILL COLL | r02878 |
| 33 | ALBANY | COLLEGE OF SAINT ROSE | 002705 | 33 | BUFFALO | ROSUELL PK MEMORJAL INST. | 011526 |
| 33 | ALBANY | JUNIOR COLLEGE OF ALBANY | 002811 | 33 | BUFFALO | SAWYER SCHOOL OF BUSINESS | 011190 |
| 33 | ALBANY | maria college | 002763 | 33 | BUFFALO | SISTERS OF CHARITY | 104815 |
| 33 | ALBANY | RUSSELL SAGE COLLEGE | 004768 | 33 | BUFFALO | ST EERNARO'S SCH | 702815 |
| 33 | ALBANY | STATE UNIV OF NY-ALBA | 002835 | 33 | BUF FALO | ST UNIV OF NY CLG AT BUF | 002842 |
| 33 | ALFRED | ALFRED TECH | 002854 | 33 | BUFFALO | STATE UNIV OF NEW YORK | ก04822 |
| 33 | ALFRED | ALFRED UNIVERSI | 002668 | 33 | BUFFALO | trocaire college | 002812 |
| 33 | ANNANOALE | QARD COLLEGE | 002671 | 33 | Buf FALO | UNIVERSITY OF GUFFALO | 0.02837 |
| 33 | AUBURN | AUBURN COMM COLLEGE | 002861 | 33 | BUFFALO | URBAN CENTER | 004812 |
| 33 | A URORA | WELLS CLG | 002901 | 33 | BUFFALO | VILLA MARIA | \%,02896 |
| 33 | batavia | GENESEE COMM CG | 006782 | 33 | CAMBRIDGE | MARY HCCLELLAN HOSP NURS | 407384 |
| 33 | EINGHAMTON | BINGHAMTON ST C | 002836 | 33 | canandalgua | COMH CLG FINGER LAK | 007532 |
| 33 | BINGHAMTON | BROOME TECH | 002862 | 33 | CANTON | AGRI \& TECH CLG | r028:5 |
| 33 | blauvely | DOMINICAN COLLEG | 002713 | 33 | CANTON | ST. LAWRENCE U. | -02829 |
| 33 | BRIARCLIFF MNR | THE KING*S CLG | 002745 | 33 | CENTEREACH | ULTISSIMA BEAUTY SCH | 007378 |
| 33 | BROCKPORT | 8 ROCK PORT | 002841 | 33 | CHEEKTOUAGA | CHEEKTOUAGA CENT | 004817 |
| 33 | BRONX | COLL OF MOUNT ST. VINCENT | 011343 | 33 | CLINTON | HAMILTON CLG | 902728 |
| 33 | BRONX | FORDHAM LAW | 004782 | 33 | CLINTON | kirklano clege | 204795 |
| 33 | BRONX | FORDHAM UNIV. | 002722 | 33 | COBLESKILL | COBLESKILL | ) 02856 |
| 33 | BRONX | h h lehman clg | 007022 | 33 | CORNING | CORNING COMMUNITY COLLEGE | ¢02863 |
| 33 | BRONX | MISER ICORDIA HOSP S NURS | 004802 | 33 | CORTLAND | SUNY CLG | [.02843 |
| 33 | BRONX | MISERICOROIA HOSP S X-RAY | 010904 | 33 | CRESTWOOD | ST VLADIMIRS ORTHODOX SEM | 002833 |
| 33 | BRONX | HONROE BUSINESS INSTITUTE | 011030 | 33 | OELH] | SUNY AT DELHI | 902857 |
| 33 | BRONXVILLE | CONCORDIA COLLEG | 002709 | 33 | DOBES FERRY | MERCY CLG | . 02772 |
| 33 | BRONXVILLE | SARAH LAHRENCE COLLEGE | 002813 | 33 | DRYDEN | TOMPKINS-CORTLAND CO COLL | 310267 |
| 33 | BROOKLYN | B CONSERV OF RUSIC | 002781 | 33 | ELMIRA | ELMIRA COLLEGE | 002718 |
| 33 | BROOKLYN | BROOKLYN CLG PHARM | 011980 | 33 | FARMINGDALE | STATE U OF NEW YORK | - 32858 |
| 33 | BROOKLYN | BROOKLYN COLLEGE | 002687 | 33 | FLUSHING | ACADEMY OF AERONAUTICS | 002665 |
| 33 | BROOKLYN | BROOKLYN LAW SCHOOL | c02677 | 33 | FLUSHING | ORAKES BUSI SCH | \%11916 |
| 33 | BROOKLYN | DOUNSTATE MEDICAL SCHCOL | 002839 | 33 | FLUSHING | QUEENS COLLEGE | ?02690 |
| 33 | BROOKLYN | EDUCATION OPPORTUNITY CTR | 012011 | 33 | FLUSHING | ULIISSIMA beauty institut | 907516 |
| 33 | BROOKLYN | KINGS C SCH-NUR | 004794 | 33 | FREDONIA | FREDONIA STATE | n02844 |
| 33 | BROOKLYN | KINGSBOROUGH COM | 602694 | 33 | GARDEN CITY | ADELPHI UNIV. GRAD. SCH. | 002666 |
| 33 | BROOKLYN | LONG ISLAND UNIV GRAD SCH | 904774 | 33 | GARDEN CITY | NASSAU COM. COL. | 002873 |
| 33 | BROOKLYN | LONG ISLAND UNIVERSITY | 004779 | 33 | GENESEO | GENESEO STATE UNIV | $\bigcirc 02845$ |
| 33 | BROOKLYN | Mirrer yeshiva cen inst | C04798 | 33 | GENEVA | WILLIAM SHITH | 002731 |
| 33 | BROOKLYN | $N$ Y C COM COLLEGE | 002696 | 33 | GLEN COVE | WEBB INS OF NAVAL ARC | -02900 |
| 33 | BROOKLYN | PCLYTECHNIC INST | 002796 | 33 | GLENS FALLS | AOIRONDACK COMM CLG | 90286: |
| 33 | BROOKLYN | PRATT INSTITUTE | 002798 | 33 | GLENS FALLS | GLENS FALLS HOSPITAL SCH | 935176 |
| 33 | BROOKLYN | St franc IS COLLEGE | 002820 | 33 | GREENVALE | C 4 POST | 802754 |
| 33 | BROOKLYN | St JOSEPHS CLG | 002825 | 33 | GROTON | TOMPKINS-CORTLANO COMM CL. | -06788 |


| 33 | HAMBURG | hilbert college | 002735 |
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| 33 | HAMILTON | COLGATE U | 002701 |
| 33 | HARR IMAN | HARRIMAN COLLEG | 002800 |
| 33 | HEMPSTEAO | HCSTRA UNIV | 002732 |
| 33 | HEMPSTEAD | MANDL SCHOOL | 007389 |
| 33 | HERK I MER | HERKIMER CTY COLLEGE | 004788 |
| 33 | Hicksville | BERKELY SEC SCH | OC9076 |
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| 33 | hYoE PARK | CULINARY INST OF AHER | 2c7304 |
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| 33 | Jama ICA | CATHOLIC MED CTR NURSING | 012364 |
| 33 | JAMAICA | QUEENS COLLEGE | 004809 |
| 33 | Jamaica | ST JOHNS UNIV | 002823 |
| 33 | Jamalca | St VINCNT CLG/St JHN UNIV | 006473 |
| 33 | JAMA I CA | YORK COLLEGE | 004759 |
| 33 | JAMESTOLN | JAMES TOVN COMA CLG | 002869 |
| 33 | KEUKA PARK | KEUKA COLLEGE | 002744 |
| 33 | KINGS POINT | mer marine acao | 007403 |
| 33 | KINGS POINT | US MERCHANT MARINE ACAD | 002892 |
| 33 | LAKELANO | BCCES ADULT EDUCATION | 010952 |
| 33 | LOCH SHELDRAKE | SULLIVAN COUNTY COM COL | 002879 |
| 33 | LONG ISLAND | NEE YORK INSTITUTE/TECHN | 004034 |
| 33 | LONG ISLAND CIt | LA GUARDIA COMM COL | 010051 |
| 33 | LOUDONVILEE | SIENA COLLEGE | 002816 |
| 33 | MANHATTAN | JEHISH SEMINARY | 002740 |
| 33 | hanhattan | Manhattan hedical Idental | 009202 |
| 33 | MANHATTAN | NEY YORK SCH. OF DIETETIC | 007804 |
| 33 | NANHATTAN | TAYLOR BUSINESS INST | 004825 |
| 33 | MIDDLETOUN | ORANGE COUNTY COMAUNI | 002876 |
| 33 | mineola | ADELPMI BUSINESS SCHOOL | 010373 |
| 33 | MORRISVILLE | MORRISVILLE | 002859 |
| 33 | $N$ Y | PACE | 002791 |
| 33 | N Y C | BETH ISRAEL SCH OF NURSI | 006438 |
| 33 | N Y CITY | HANHATTAN SC OF MUSIC | 002759 |
| 33 | N.Y. | FOROHAM UNIV.LINCOLN CEN. | 009018 |
| 33 | NEH PALTZ | NEW PALTZ COLLEGE | 004813 |
| 33 | NEN PALTZ | SUNY AT NEW Paltz | C02846 |
| 33 | NEW ROCHELLE | COLLEGE OF NEW ROCHELLE | 002704 |
| 33 | NEY ROCHELLE | IONA COLLEGE | 002737 |
| 33 | NEW YORK | AMER.ACAD ORAMATIC ARTS | 007465 |
| 33 | NEY YORK | APERICAN ACAD HCALLISTER | 010813 |
| 33 | NEW YORK | AMERICAN INSTITUTE | 011676 |
| 33 | NEE YORK | ANNOUNCER TRAINING STUDIO | 007392 |
| 33 | NEY YORK | Baruch college | 604766 |
| 33 | NEW YORK | BELLEVUE HOSP | 004754 |
| 33 | NEW YORK | BERKELEY CLAIRMO | 007394 |
| 33 | NEW YORK | BRONX COMM COL | 002692 |
| 33 | NEW YORK | CATHERINE GIBBS SCH | 007398 |
| 33 | NEW YORK | CITY COL OF N Y UNI | 002688 |
| 33 | NEW YORK | CCLLEGE OF PHSY \& SURG | 004756 |
| 33 | NEU YORK | COLUMBIA OENTA | 015295 |
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| 33 | NEW YORK | COLUMBIA U/SCH SOCIAL WK | c04757 |


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| INTEREORO INSTITUTE | 088435 |
| JOHN JAY COL OF CRIMI | 002693 |
| JUILLIARO SCHOOL | 002742 |
| LAJIN AMER INST | n08647 |
| LENOX HILL HOSPITAL | 006453 |
| LONG ISLANO UNIV | 502756 |
| manhat tan clg | S02758 |
| MANHTN COHM COL | 202691 |
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| MIDTOUN EUSINESS SCHOOL | 911914 |
| mt. SINAI SCh of medicine | 013051 |
| NEU YORK UNIVERSITY | C027A5 |
| NY COLLEGE OF PODIATRY | nc2749 |
| NY MED COLL | 002784 |
| PARSON*S SCHOOL OF DESIGN | 002793 |
| QUEENSRORO COM C | 002697 |
| RCA INSTITUTES INC | C1:322 |
| ROBERT FIANCE HAIR DESIG | C67806 |
| S UN Y CLG OF OPTOMETRY | 000929 |
| SCHOOL OF CYTOTECHNOLOGY | 705183 |
| SCHOOL OF VISUAL ARTS | 307468 |
| ST. CLARES HOSPITAL | C11342 |
| TAYLOR BUSINESS INSTITUTE | . 11985 |
| TEACHER'S COL-COLUHEIA U | \%03979 |
| TOURO COLL PHYSICIAN ASSI | 「10142 |
| VETERANS ADMIN | 012188 |
| WASHINGTON BUSINESS INST | 712112 |
| YESHIVA UNIV | 002903 |
| berk trade school | ¢11830 |
| COLUMBIA U SCH OF LIBRARY | 211609 |
| COLUMEIA UNIVERSITY | 6.32707 |
| COOPER UNION | 202710 |
| CORNELL U MEO CENTER | 904762 |
| CUNY CITY COLLEGE | 392686 |
| FASHION INST. OF TECHNOL | C02866 |
| GRACE INSTITUTE | -379:1 |
| HUNTER COLLEGE | C02689 |
| LAB INST MERCH | C07466 |
| MANOL MED ASSIST | $\bigcirc \mathrm{Cl4} \mathrm{\%} 1$ |
| MARYMOUNT | -02769 |
| medgar evers col | 21.997 |
| NEY SCH SOCIAL RESEARCH | -02780 |
| NEY YORK LAW SCHOOL | $\bigcirc 02783$ |
| NYC BUSINESS SCHOOL | 311912 |
| NYU INST OF TECHNOLOGY | 0027A2 |
| STENOTYPE INST | 311996 |
| Mt SAINT MARY COLLEGE | 902778 |
| NIAGARA UNIV | 502788 |
| NYACK MISSIONARY | 37279 |
| DOWLING COLLEGE | + 02667 |
| mater del col | - 02771 |
| COLLEGE OF OLD UESTAURY | ¢07109 |

33 POTSOAM
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| NEW YORK TECH. | 004894 |
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| St bonaventure | 002817 |
| HARTMICK COLLEGE | 002729 |
| ONEONTA STATE UNIVERS | 002847 |
| ERIE COUNYY COMM COLL | 012427 |
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| YILFRED OEAUTY SCHOOL | 007798 |
| PAUL SMITHS ${ }^{\text {c }}$ CO | 002795 |
| CLINTON COUNTY COM | 006787 |
| PLATTSBURGH AFB | 004814 |
| Sta univ of Ny Col | 002849 |
| PaCE UNIVERSITY | 002792 |
| HASH SCH OF ART | 005074 |
| CLARKSON COLLEGE | 002699 |
| POTSOAM STATE U | 002850 |
| vassar college | 002895 |
| dutchess comm college | 002864 |
| HARIST COLLEGE | 002765 |
| manha tianville colleg | 0 O 2760 |
| STATE UNIV | 006791 |
| PLAZA BUSINESS SCHOOL | 012519 |
| MT St VINCENT CLG | 002703 |
| E.HAN SCH.OFHUSIC U.ROCH | 008124 |
| EASTMAN SCHOOL OF MUSIC | 004828 |
| MONROE COMM CLG | 002872 |
| NAZARETH COLLEGE | 002779 |
| ROBERTS WESLEYAN CLG | 002805 |
| ROCHESTER DENTAL ASSI SCM | 012071 |
| ROCHESTER INST OF TECH | 002806 |
| RCCHESTER SCH OF EUS | 004811 |
| SAMYER BUSINESS SCHOOL | 011193 |
| ST. JOHN FISHER COLLEGE | 002821 |
| UNIV OF ROCHESTER | 0 C 2894 |
| NiAgARA COMMUNITY COLLEGE | 002874 |
| SKIDMORE COLLEGE | 002814 |
| SCHENECTAOY COM COL | 006785 |
| UNION COLLEGE | 002889 |
| SUFFOLK COMH COLE | 002878 |
| BLAKE BUSINESS SCH | 011979 |
| SCUTHAMPTON COLLEGE | 002755 |
| St thomas a ouinas college | 002832 |
| CITY U / RICHMOND COL | 004760 |
| STATEN ISLAND | $0 C 2698$ |
| WAGNER COLLEGE | 002899 |
| ULSTER CTY CLG | 002880 |
| ST UNIY NY/STONY BROO | C02838 |
| SUNY AT STONYBROOK DENTAL | 004823 |
| ROCKLANO CC | 002877 |
| CAREERCO BUS IN | 011004 |
| CENTRAL TECH | 009409 |
| CONTE MPORARY BEAUTY SCH | 007417 |
| LE MOYNE COLLEGE | 002748 |
| LE PONTO*S BEAUTY SCH | C12072 |
| maria regina college | 002764 |
| ONONOAGA COMM COLLEGE | 002875 |
| POWELSON BUS INST | 008276 |


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| S U N Y ERVM SCI-fors | 902851 |
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| ST JOSEPHOS HOSP | $\bigcirc 36467$ |
| STATE UNIVERSITY OF NY | 305069 |
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| UPSTATE MEDICAL CTR | $\because \mathrm{O} 2 \mathrm{A4}$ to |
| HUOSON V COM CL | $\therefore 12868$ |
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| RUSSELL SAGE | 902813 |
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| MOHA YK VALLEY | 092871 |
| St U OF NY COL UTICA-ROME | n0679? |
| UTICA COL (SYRACUSE U) | 932983 |
| UTICA SCH OF COMMERCE | 009677 |
| WESTCHESTER COMM COLL | CG2881 |
| PILGRIM ST HOS NUR SC | 410754 |
| HEST POINT MILITARY | 102893 |
| BERKELEY BUSINES | 007421 |
| COLL OF WHITE PLAINS | ?02727 |
| WESTCHESTER BUSINESS INST | 025218 |
| ELIZABETH SETON COLLG | 602717 |
| STANLY TECH INS | 011194 |
| ASHEYILLE BUNCOMBE TECH | 0.04033 |
| BLANTON BUS CLG | $\bigcirc 10478$ |
| CECILS BUSINESS | 210264 |
| KINGS DAUGHTERS | 011426 |
| UNIV OF N C | T02907 |
| LEES-MCRAE COL. | 002939 |
| BELMONT ABBEY COLLEGE | 102910 |
| GARDNER-WEBB COLLEGE | n02929 |
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| 8REVARD CLG | n02912 |
| CAMPGELL COLLEGE | 602913 |
| TECHNICAL INST - alamance | C05463 |
| UNIV OF NORTH CAROLINA | 002974 |
| AMER FASHION INST | n12092 |
| CENTRAL PIEDMONT COMM.COL | 002915 |
| JOHNSON C SHITH | 202936 |
| KINGS COLLEGE | 002937 |
| QUEENS COLLEGE | 002557 |
| UNIV OF NORTH. CAROLINA | 002975 |
| EASTERN CAROLINA UNIV | 006798 |
| HAYWOOD TECHNICAL INS | n08083 |
| BARBER-SCOTIA COLL | n029n9 |
| WESTERN CAROLIN. | ¢02981 |
| GASTON COL | C02973 |
| DAVIOSON COLLEG | 702918 |
| DUKE UNIV | 002926 |
| DUKE UNIV. MED. SCHOOL. | $\bigcirc 05081$ |
| DURHAM COLLEGE | $\bigcirc 04836$ |
| DURHAM TECH INSTITUTE | re5448 |
| NC CENTRAL UNIV | ©0295こ |
| UATTS HOSP SCH NURSIN | 311798 |
| ELIZ CITY St U | 002926 |
| ELON COLLEGE | 202927 |
| FAYETtEVILLE State univ | 202928 |
| FAYETIEVILLE TECH INST | C0764 |


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| GOWLING GREEN ST UNIV | 003018 |
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| KENT ST | 0003054 |
| MALONE COL. | 003072 |
| MCKINLEY | 010367 |
| MERCY SCHOOL OF NURSING | 006503 |
| STARK TECH SCH | 010881 |
| Walsh college | 003135 |
| CEDARVILLE COL. | 003025 |
| WRIGHT STATE UNIVERSITY | 009169 |
| BETHESDA HOSP SCH NUR | 006488 |
| CHRIST HOSP SCHOOL OF NUR | 006489 |
| CINCIMNATI CLG/MORTUARY | 010906 |
| CINCINNATI TECH INST | 010345 |
| COLL CONSERVATORY MUSIC | 004854 |
| ecgecliff college | C03111 |
| goos bible sch | 003629 |
| G000 SAMARITAN SC NUR | 006494 |
| JEUISH HOSPITAL | 006499 |
| OHIO COL OF SCIENCE | 003087 |
| OHIO MECH INS | 004864 |
| SCUTHERN OHIO C | C05127 |
| U OF CINCINNATI | 003125 |
| UNIVERSITY COLLEGE U.O. | 003126 |
| XAVIER UNIV | 003144 |
| CASE WESTERN RES | 003024 |
| CLEV METRO HOSP | 006490 |
| Cleveland art I | 003982 |
| CLEVELAND INST ELECTR | 005210 |
| CLEVELAND INST MUSIC | 003031 |
| clevelano st co | 003032 |
| CLEVELANO TECH SCH | 005323 |
| C COPER SCH/ART | 010408 |
| CUYAHOGA COM C-METRO | 007103 |
| CUYAHOGA COMMUNITY COLL | co3040 |
| DYKE COL. | 003043 |
| ELEC TECH INSTITUTE | 009343 |
| FAIRYIEN SCH NURS | 006492 |
| GRISUALD INSTITU | 007423 |
| HURON ROAD HOSPITAL | 006498 |
| Jane adoans sch prac nurs | 011449 |
| LUTH MED CTR SCH NUR | 006501 |
| OHIO COLLEGE OF PODIATARY | 003088 |
| SAWYER COL OF BUS | 011534 |
| St ALEXIS | 006509 |
| ST JOHN'S CLG | OC3120 |
| St VINCENT CHAR HOSP | 006515 |
| URSULINE COL. | cos 134 |
| WESTSIDE INST TECHNOL | 009187 |
| WHITING BUS COL | cos563 |
| BLISS COLLEGC | 003015 |
| CAPITAL UNIVERSITY | 003023 |
| CAREER ACADEMY | 008128 |
| COLUMBUS BUSINESS UNIV | 004853 |
| columbus c of artioes | C03039 |
| COLUMBUS TECHNICAL INST | 666867 |
| FRANKLIN UNIVERSITY | 003046 |

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| mata business cg | 008984 |
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| Mt CARMEL SCH NURSING | 50486. |
| NATIONWIDE COLLEGE | 010945 |
| OH ST SC COSMET-S HIGH St | 010168 |
| OHIO DOMINICAN COLL | 003035 |
| OHIO INST TECHNOLOGY | 003079 |
| OHIO St SCH COSHETICS | 011825 |
| OHIO STATE LAW SCHOOL | 206883 |
| RIVERSIDE MTH SCH NURSING | Ce3117 |
| UNITED ELEC INST | ก09412 |
| DAYTON ART INSTITUT | -36658 |
| DAYTON TECH CENTER | C.3128 |
| ITT TECHNICAL INST | n09088 |
| MIAMI VALLEY HOSPITAL | C36497 |
| HIAMI-JACOBS JR COL BU | 303076 |
| MONTGOHERY COUN YOC | -35321 |
| RETS TECH CTR | 012267 |
| SAUYERS C OF BUS | 111142 |
| SINCLAIR CC | r03119 |
| ST ELI2 HOSP SC | c06510 |
| ST ELIZABETH MED CENT | 007818 |
| ST JOSEPHS HOME | 005135 |
| U OF DAYTON | 003127 |
| URIGHT ST UNIV | C09168 |
| defiance college | 003041 |
| OHIO WESLEYAN U | 003109 |
| HURON RD HOSP SCHDOL | 005117 |
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| EUCILO SCHOOL PRATICAL NU | 005132 |
| HRIGHT STATE UNIVERSITY | 009167 |
| FINDLEG COLLEGE | 003045 |
| terra technical college | -98278 |
| KENYON COLLEGE | . 303065 |
| DENISON UNIV | 003042 |
| GREEN CO JVS | 736659 |
| HAMILTON PROGRAM | ก05314 |
| MIAMI UNIVERSITY | co3079 |
| hiram college | 003049 |
| BOWLING GREEN ST.UNIV.F.B | 007856 |
| OHIO UNIV IRN BRNCH | 003103 |
| KENT STATE UNIV | 003051 |
| KETTERING FAIRMONT | 007035 |
| LAKEUOOO SCH NURS | 408130 |
| OH UNIV-LANCASTER BRH | 003104 |
| FREDERICKS BEAUT | -11800 |
| LIMA BRANCH OH STATE UNIV | 093092 |
| LIMA TECHNICAL COLLEGE | ¢10027 |
| NORTHWESTERN BUSINESS | ¢04861 |
| AIR FORCE ENG MECH SC | 003125 |
| SCIOTO TECH COLL | ת09942 |
| TRI COUNTY ACAD | 0.98312 |
| N CENTRAL TECHNICAL C | ¢05313 |
| OHIO ST UN MANSF BA | 043093 |
| Marietta clg | C03073 |
| MARION TECH CLG | (1) 1376 |
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| 36 | MENTOR | LAKELANO COM CO | $0 ¢ 6804$ | 36 | WOOSTER | UOOSTER BUSINESS COL | 004863 |
| 36 | HIDOLETOUN | MIAMI UNIV-MIDDLETOUN | 003080 | 36 | YELLOU SPRINGS | ANTIOCH | 303010 |
| 36 | MOUNT VERNON | MT. VERNON NAZARENE COLL | 007685 | 36 | YOUNGSTOUN | BOARDMAN BEAUT AC | 312046 |
| 36 | N PHILADELPHIA | KENT STATE BRANCH | 003062 | 36 | YOUNGSTONN | CHOFFIN NURS SCH | 007473 |
| 36 | NELSONVILLE | HOCKING TECHNICAL COL | 007598 | 36 | YOUNGSTOWN | PENN-OHIO COLLEGE | 903112 |
| 36 | NEW CONCORD | muskingum colleg | 003084 | 36 | YOUNGSTOUN | YOUNGSTOUN CLG | 009837 |
| 36 | NEWARK | CENTRAL OH TECHNICAL CLG | 011046 | 36 | YOUNGSTOUN | YOUNGSTOUN ST UNIV | 003145 |
| 36 | NEUARK | OHIO STATE UNIV.BRANCH | 003095 | 36 | Zanesville | muskingum area tech | 908133 |
| 36 | NEWARK | 3-8 SC OF beautr | 009527 | 36 | ZANESVILLE | OHIO UNIV ERANCH | 003108 |
| 36 | NILES | A TES TECH SCHOOL | 008439 | 37 | ADA | EAST CENTRAL STATE | 003154 |
| 36 | OBERLIN | OBERLIN COLLEGE | 003086 | 37 | Altus | ALTUS JUNIOR COLLEGE | 393146 |
| 36 | OREGON | ST CHARLES HOSPITAL | 011584 | 37 | ALVA | NORTHLESTERN ST U | 093163 |
| 36 | ORRVILLE | WAYNE GENERAL/TECHNICAL | 010818 | 37 | AREMORE | AMERICAN FLYERS INC | 007910 |
| 36 | OXFORO | UESTERN (MERGED MIAMA U) | 007104 | 37 | BARTLESVILLE | TRI COUNTY TECH | r08619 |
| 36 | PaINE SVILLE | lake erie college | 003066 | 37 | BETHANY | BETHANY NAZARENE COLLEGE | 003149 |
| 36 | PARMA | CUYAHOGA COM COL | 004053 | 37 | CLAREMORE | CLAREMORE JR COL | 003168 |
| 36 | PERRYSAURG | OVENS TECH COLLEGE | 005753 | 37 | ORUMRIGHT | CENTRAL OK VOC TECH | 609964 |
| 36 | PORTS | SHAWNEE ST COLL | 012748 | 37 | DRUMRIGHT | CENTRAL-AREA VOCATIONAL | 105312 |
| 36 | PORTSMOUTH | OH UNIV PORTS BRANCH | 003107 | 37 | DURANT | SO NEST OKLA STATE UNIV | 703179 |
| 36 | PORTSMOUTH | PGRTSMOUTH BUSI | 064865 | 37 | EDMOND | CENTRAL ST UNIV | 003152 |
| 36 | R10 GRANDE | RIO GRANDE | 003116 | 37 | EL RENO | EL RENO JR COLLEGE | 003156 |
| 36 | SALEM | HANNAH E MULLINS | 010323 | 37 | ENIO | PHILLIPS UNIVERSITY | N03175 |
| 36 | SALEM | KENT STATE UNIV | 003061 | 37 | EUGENE | LANE COMMUNITY COLLEGE | 603196 |
| 36 | SHAKE HTS | St LUKES HOSP | 006921 | 37 | GOODWELL | PANHANOLE ST COL | co3174 |
| 36 | SOUTH EUCLID | NOTRE OAME CLE | 003085 | 37 | LANGSTON | LANGSTON UNIV | no3157 |
| 36 | SPAINGFIELO | CLARK TECHNICAL COLL | 004852 | 37 | Lavton | CAMERON COLLEGE | 003150 |
| 36 | SPRINGFIELD | CCMM HOSP SCH NU | 009172 | 37 | LAUTON | GREAT PLAINS VO TECH | 010717 |
| 36 | SPRINGFIELO | UITTENEERG U. | 003143 | 37 | MIAMI | NORTHEASTERN OKLA ARM | 003163 |
| 36 | St Clairsville | OHIO U EELMONT CO BRA | 003101 | 37 | MIDNEST CITY | OSCAR ROSE JR CLG | 009185 |
| 36 | STEUAENVILLE | COL STEUBENVILLE | 003036 | 37 | MUSKOGEE | GACONE JR COLL | 003147 |
| 36 | TIFFIN | heioelberg collg | 003248 | 37 | MUSKOGEE | VOCATIONAL TECH | ¢10053 |
| 36 | TIFFIN | TIFFIN UNIV | 003121 | 37 | NORMAN | UNIVERSITY OF OKLAHOMA | 003184 |
| 36 | TOLEDO | OAVIS JR BUSINESS | 004855 | 37 | OKLA CITY | OKLA STATE TECH INST | 609647 |
| 36 | TOLEDO | FLONER SCH NURS | 096493 | 37 | OKLAHOMA CITY | DRAUGHON SCH OF BUSINESS | 304872 |
| 36 | TOLEDO | ITT TECHNICAL INST | 010214 | 37 | OKLAHOHA CITY | LOVING 8 HACK BS | ¢11851 |
| 36 | TOLEDO | MARY MANSE COL | 003074 | 37 | OKLA | OK CITY SO UEST JR CO | 003183 |
| 36 | TOLEDO | MEDICAL COLLEGE OF OHIO | 007737 | 37 | OKLAHOMA CITY | OK SCH BANK-BUSI | ¢ 04875 |
| 36 | TOLEOO | NY OH NURSE TR C | 008132 | 37 | OKLAHOMA CITY | OKLAHOMA CHRISTIAN COL | r.f3165 |
| 36 | TOLEDO | PAT STEVENS NUR | 010755 | 37 | OKLAHOMA CITY | OKLAHOMA CITY UNIVERSITY | 003166 |
| 36 | TOLE00 | PENTA COUNTY VOC | 011703 | 37 | OKLAHOMA CITY | OKLAHOMA CITY VOC TECH | 205333 |
| 36 | TOLEDO | RIVEASIDE HOS | 006508 | 37 | OKLAHOMA CITY | S OKLA CY JR CLG | $0103 \% 1$ |
| 36 | TOLEDO | ST VINCENTS SCH NURS | 006516 | 37 | OKLA HOMA CITY | SOUTHEEST AUTOMOTIVE SCH | 207427 |
| 36 | TOLEOO | STAUTZENBERGER | 004866 | 37 | OKLAHOMA CITY | ST ANTHONYS | 203182 |
| 36 | TOLEDO | TGLEOO HOSPITAL | 006518 | 37 | OKLAHOMA CITY | U OF OK SCH OF NURSING | -05889 |
| 36 | TOLEDO | TOLEDO MEO ED CENTR | 005142 | 37 | OKLAHOMA CITY | UNITED ELECTRONICS IN | 017154 |
| 36 | TOLEDO | TOLEDO SCH OF BEAUTY | 010609 | 37 | OKMULGEE | OKLA STATE TECH | n03172 |
| 36 | TOLEDO | UNIV OF TOLEDO | 003131 | 37 | PONCA CITY | JOSIE BEAUTY SCHOOL | 007867 |
| 36 | TROY | HCBART SCHOOL/WELDING TEC | 016993 | 37 | PONCA CITY | PIONEER VO-TECH SCHOOL | $\because 11206$ |
| 36 | UNIVERSITY HTS | JOHN CARROLL UNIV | 003550 | 37 | POTEAU | CARL ALBERT JR COLLGE | T03176 |
| 36 | URBANA | urbana college | 003133 | 37 | SEMINOLE | SEMINOLE JR CLG | CO3178 |
| 36 | WARRENSVILLE | CUYAHOGA COM C-EAST | 019288 | 37 | SHAWNEE | OKLA BAPTIST UNIVERSITY | ?03169 |
| 36 | WESTERVILLE | OTTERDEIN COLLEGE | 003110 | 37 | StILLWATER | OK STATE | 033170 |
| 36 | UILBERFORCE | CENTRAL State univ | 003026 | 37 | TAHLEGUAH | NORTHEASTERN OKLA ST UNIV | 003161 |
| 36 | WILEERFORCE | WILBERFORCE UNIV | 003141 | 37 | TISHOMINGO | MURRAY STATE COLLEGE | 303158 |
| 36 | WILMINGTON | WILMINGTON U | 003142 | 37 | TONKAHA | NORTHERN OKLA CO | ¢103162 |
| 36 | WOOSTER | COLLEGE AT WOOSTER | 003037 | 37 | TULSA | AHERCN CHRST CLG | ?10310 |


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| 37 | TULSA | ORAUGHON SCH OF BUS | 004873 | 39 | ABINGTON | ABINGTON MEM SCH/NURS | 007087 |
| 37 | TULSA | HILLCREST SCH OF NURS | 006521 | 39 | ABINGTON | PA STATE UNIV | 003342 |
| 37 | tulsa | OK SCH OF BUS | 003169 | 39 | ALLENTOWN | A HOSP SCH-NURS | C04884 |
| 37 | tulsa | ORAL ROBERTS U | 003985 | 39 | ALLENTOUN | ALLENTOWN HOSP | 61153 A |
| 37 | TULSA | SOONER SCH REAL ESTATE | 008197 | 39 | ALLENTOUN | CEDAR CREST COLLEGE | 903243 |
| 37 | tulsa | SPARTAN SCH.OF AERONAUT. | 007678 | 39 | ALLENTOKN | EMPIRE BTY SCHL | c09664 |
| 37 | tulsa | TULSA BUSINESS ClG | 006716 | 39 | ALLENTOUN | MUHLENBERG COLLEGE | r.03354 |
| 37 | TULSA | TULSA JUNIOR COLLEGE | 009763 | 39 | ALLENTOUN | PENN ST UNIV | 603333 |
| 37 | tulsa | tulsa skill cent | 005311 | 39 | ALLENTOWN | RYDER TECH INSTITUTE | 907759 |
| 37 | TULSA | UNIV OF OKLAhoma $C$ Of med | 011282 | 39 | ALLISON PARK | La Roche college | 003987 |
| 37 | TULSA | UNIV OF TULSA CLG OF LAU | 004877 | 39 | ALT TOONA | ALTOONA HOS SCH OF NU | $\because 96559$ |
| 37 | TULSA | UNIVERSITY OF TULSA | 003185 | 39 | altoona | AL TOONA SCHOOL OF COM | 013281 |
| 37 | WARNER | CONNORS JR CLG | 003153 | 39 | ALTOONA | ALTOONA VOC-TECH | 010863 |
| 37 | WEATHERFCRD | SOUTHUESTERN ST COL | 003181 | 39 | ALTOONA | MERCY HOSPITAL | C11354 |
| 37 | HILBURTON | E OKLAHOHA ST CL | 003155 | 39 | ALTOONA | PENN SIATE UNIVERSITY | cos331 |
| 38 | albany | LinN Benton com college | 006938 | 39 | AMBLER | TEMPLE UMIYERSITY | 003372 |
| 38 | ASHLAND | SCUTHERN OREGON COLLEGE | 003219 | 39 | ANNVILLE | LEBANON VALLEY | 003288 |
| 38 | AStORIA | CLATSOP COMM COLLEGE | 003189 | 39 | ASHLAND | ASHLAND HOSP | C11659 |
| 38 | BEAD | CENTRAL OREGON COMM.COLL. | 003188 | 39 | ASTON | OUR LAOY OF ANGELS C | ¢03968 |
| 38 | COOS BAY | SOUTHWEST OREGON COLLEGE | 003220 | 39 | GEAVER | geaver campus | ¢03332 |
| 38 | CORVALLIS | OREGON STATE UNIV | 003210 | 39 | BEAVER FALLS | GENEVA COLLEGE | -03267 |
| 38 | EUGENE | EUGENE BUSI COL | 010121 | 39 | BERKS COUNTY | PENN.STATE | 003334 |
| 38 | EUGENE | MERRITT OAVIS BUSINESS | 012004 | 39 | BETHLEHEM | LEHIGH UNIV | C03289 |
| 38 | EUGENE | UNIV OF OREGON | 003223 | 39 | BETHLEHEM | MOfAVIAN COLLEGE | 0.0301 |
| 38 | FOREST GROVE | PACIFIC UNIVERSITY | 003212 | 39 | BETHLEHEM | NORTHAMPTON COUNTY AREA | c07191 |
| 38 | GRESHAM | Mt hooo communitr college | 003204 | 39 | BLAIASVILLE | VALE TECH IN | c07777 |
| 38 | KLAMATH FALLS | OREGON TECH 1 NS | 003211 | 39 | GLOOMSBURG | OLOOMSBURG STATE COL | 003315 |
| 38 | LA GRANDE | E OREGON COLLEGE | c03193 | 39 | FLUE BELL | MONTGOMERY CO COMH CG | c04452 |
| 38 | MCAINNVILLE | LINFIELO COLLEG | 003198 | 39 | BRAOFORO | INTERNATIONAL BTY SCH | 008564 |
| 38 | MONHOUTH | OREGON COLLEGE OF ED | 003209 | 39 | BRADFORD | UNIV OF PITTSEURGH | co3380 |
| 38 | NEWEERG | george fox college | 003194 | 39 | BRYN MAYR | BRYN HAWR COLLEGE | 003237 |
| 38 | ONTARIO | treasure valley c c | 003221 | 39 | GRYN MAWR | ELLEN CUSHING JR COLL | 0.03234 |
| 38 | OREGON CITY | Clackahas comm | 004878 | 39 | BRYN MAUR | HAPCUM JR COLLEGE | 003272 |
| 38 | PENDLETON | BLUE MTN COH COL | 003186 | 39 | CAL IFORNIA | CA STATE COLLEGE | 003316 |
| 38 | PORTLAND | BRYMAN SCHOOL | 012030 | 39 | CAMBRIDGE SPGS | ALLIANCE LIE AR | 033232 |
| 38 | PORTLAND | COLUMBIA CHRISTIAN COLLEG | 003190 | 39 | CARLISLE | DICKINSON CEG | 003253 |
| 38 | PORTLAND | DIV OF CONTIN EDUCA | 064059 | 39 | CHAMRERSBURG | WILSON COLLEGE | C03396 |
| 38 | PORTLAND | G000 SAMARITAN HOSP S | 011269 | 39 | CHESTER | CHESTER COUNTY HOSP NURS | 006532 |
| 38 | PORTLANO | LEWIS \& CLARK | 003197 | 39 | CHESTEA | CROZER-CHESTER M.ED X-RAY | 011473 |
| 38 | PORTLAND | MULTNOMAH SCHOOL | 003205 | 39 | CHESTER | WIDENER COLLEGE | 703313 |
| 38 | PORTLANO | N W CLG Of Bus | 904879 | 39 | CHESTNUT HILL | CHESNUT HIL HSP | 046533 |
| 38 | PGRTLAND | PORT STATE COL | 003216 | 39 | CHESTNUT HILL | SPRING GARDEN CLG | 003363 |
| 38 | PORTLAND | PORTLAND COM COL | 003213 | 39 | CHEYNEY | CHEYNEY ST COL | ¢03317 |
| 38 | PORTLAND | REED COLLEGE | 003217 | 39 | Clarion | CLARION STATE CLG | 009235 |
| 38 | PORTLANO | U. OF OREGON DENTAL SCH. | 004883 | 39 | CLARKS SUMMIT | BAPTIST BIBLE CLG | 702670 |
| 38 | PORTLANO | UNITED ELEC INST | 011852 | 39 | COATESVILLE | CHESTER COUNTY VO TEC | 010953 |
| 38 | PORTLAND | UNIV OF OREGON | 004881 | 39 | COATESVILLE | COATESVILLE HOSP SCH NURS | 0.04887 |
| 38 | PORTLAND | UNIV OF OREGON MEO SCH | 004882 | 39 | coatesville | NURSE'S AID SCHOOL | 007529 |
| 38 | PORTLAND | UNIVERSITY OF PORTLAND | 003224 | 39 | collegeville | URSINUS COLLEGE | 003385 |
| 38 | PORTLAND | WARNER PACIFIC | OC3225 | 39 | CORAOPOLIS | ROBERT MORRIS | 033359 |
| 38 | PORTLANO | HESTERN BUS UNIV | 009079 | 39 | CRESSON | MT ALOYSIUS JR CO | 503302 |
| 38 | PORTLAND | WESTERN EVANGELICAL SEMIN | 007178 | 39 | OALLAS | COLLEGE M1SERICORDIA | 003247 |
| 38 | SALEM | CHEMEKETA COMMUNITY COLL | 003218 | 39 | OANVILLE | GEISINGER MED CTR ANAESTH | 111547 |
| 38 | SALEM | MERRITT DAVIS | 009728 | 39 | OANVILLE | GEISINGER MED CTR S-NURS | 006925 |
| 38 | SALEM | WESTERN BAPTIST BIELE CLG | 001339 | 39 | OARBY | MERCY CATHOLIC MED CT | 704911 |
| 38 | SALEM | WILLAMETTE UNIV | 003227 | 35 | DOYLESTOUN | delamare valley clg | 103252 |


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| 39 | DU 6015 | DU 6015 BUSINESS COLE | 004893 |
| 39 | DUBOIS | PENN STATE UNIVERSITY | 003335 |
| 39 | E STROUD SEURG | E STROUDSBURG | 003320 |
| 39 | E STROUDSBURG | PINEBROOK JR COL | 009908 |
| 39 | EASTON | Lafayette clg | 003284 |
| 39 | EBENS BUR $G$ | ADHIRAL PERRY VO TECH SCH | 011283 |
| 39 | EDINBORO | EDINBORO ST CLG | 003321 |
| 39 | ELIZABETHTOUN | ELIZABETHTOUN COLEEGE | 003262 |
| 39 | ELKINS PARK | TYLER SCH OF ART | 007633 |
| 39 | ERIE | A TE S TECH SCHOOL. | 007760 |
| 39 | ERIE | ERIE BUS CENTER | 004894 |
| 39 | ERIE | ERIE SCH.DIST PRAT.NURS. | 007429 |
| 39 | ERIE | GANNON COLLEGE | 003266 |
| 39 | ERIE | HAMOT HOSP SCH OF X-RAY | 005915 |
| 39 | ERIE | MERCYHURST CLG | 003297 |
| 39 | ERIE | PENN STATE | 003333 |
| 39 | FALLS CREEK | TECH TRAINING SCH | 9C7836 |
| 39 | FORD CITY | LENAPE VO TECH | 005328 |
| 39 | GETTYSBURG | GETTYSBURG COL | 063268 |
| 39 | GEENSIDE | BEAYER COLLEGE | 003235 |
| 39 | GRANTHAM | HESSIAH COLLEGE | 003298 |
| 39 | GREEN LANE | NORTHEAST BIBLE INST | 003386 |
| 39 | GREENSBURG | BUS CAREERS INST | 010907 |
| 39 | GREENSBURG | GREENSBRG INS TE | 007823 |
| 39 | GREENSBURG | SETON HILL COLLEGE | 003362 |
| 39 | GREENSBURGH | PITISRURGH BEAUTY ACADEMY | 011939 |
| 39 | GREENVILLE | THIEL College | 003376 |
| 39 | GROYE CITY | GROVE CITY CLG | 003269 |
| 39 | GUYNEDD VALLEY | GWYNEDO HERCY CO | 003270 |
| 39 | HARRI SBURG | ELECTRONICS INSTITUTE | 007824 |
| 39 | HARRISBURG | EMPIRE EEAUTY SCHOOL | 009665 |
| 39 | HARR I SBURG | HARRISBURG AREA COMM | 003273 |
| 39 | HAARI SBURO | PA STATE | 003337 |
| 39 | HARRISBURG | THOMP SON INST | 004910 |
| 39 | HAVERFORD | HAVERFORO COLLEGE | 003274 |
| 39 | HAZEL TON | PENN STATE UNIV | 003338 |
| 39 | HERSHEY | UNIV OF PENN MEO CTR | 006813 |
| 39 | HUNT I NGDON | JUNIATA CLG | 003279 |
| 39 | I HMACULATA | IPMACULATA COL | 003276 |
| 39 | I NDI ANA | IN UNIV OF PA | 003277 |
| 39 | INOIANA | INDIANA HOSP SC | 008565 |
| 39 | JENKINTOUN | MANOR JR COLLEGE | 003294 |
| 39 | JOHNS TON | HEMORIAL HOSP | 010908 |
| 39 | JOHNS TOUN | CAMBRIA ROWE BUS CL | 004889 |
| 39 | JOHNS TOWN | JOHNS TOUN VOC | 010606 |
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| 39 | KUIZTOUN | KUTZTOUN St Ceg | C33322 |
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| 39 | LANCASTER | FRANKLIN 8 MARSHALL COLL | 003265 |
| 39 | LANCASTER | Lancaster bible col | C03285 |
| 39 | LANCASTER | LANCASTER GEN HOS SCH NUR | 009863 |
| 39 | LANCASTER | Thadoeus stevens trad | 007912 |
| 39 | LATROEE | Latrobe area hospital | C06549 |
| 39 | LATROBE | St Vincent col | 003368 |
| 39 | LEYISBURG | BUCKNELL UNIV | 063238 |
| 39 | LINCOLN | L. INCOLN UNIV | ¢r, 329 ! |


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| SCHOOL | FICE |
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| METHODIST HOSP | 007090 |
| M CORE COLLEGE OF ART | 003300 |
| NATOL.SCH.OF HLTH\&STECH. | 010643 |
| $P$ SCH OF OFFICE TRNG | 004903 |
| PA ACAD FINE ART | 008350 |
| PA COLL PODIATRIC MED | 003312 |
| PENN.CLG.OF OPTOMETRY | 003311 |
| PENNCO TECH INST | 012529 |
| phila C pharmac | 003353 |
| PHILA CLG OF ART | 003350 |
| PHILA CLG OF EIBLE | 003351 |
| phila clg of textile | 003354 |
| PHILA MUSIC ACA | 003355 |
| PHILA WIRELESS TECH INST | 007433 |
| Priladelphia gen mosp | 006561 |
| PIERCE JR CLG | 003389 |
| PRESB HOSP MED CNTR | 005941 |
| PRESBYIERIAN SCH OF NSG | 006563 |
| St CHARLES SEHINARY | 003364 |
| ST. JOSEPH*S COLLEGE | 003367 |
| TEAPLE UNIV DENTAL HY | 010873 |
| TEMPLE UNIVERSI | 010304 |
| THE NEU SCHOOL OF MUSIC | 011146 |
| THOMAS JEFF UNIV | 003278 |
| UN OF PENNSYLVA | 003378 |
| UNIV. OF PENNA. MEDICAL | 006545 |
| MEDICAL COL OF PHILA | 003398 |
| PHILCO FORD TEC | 005.939 |
| ALLEGHENY TECH INSTITUTE | 007088 |
| DEAN INST TECHNOLOG | 009386 |
| DUFFS GUSINESS INSTITUTE | 007091 |
| ST MARGARETS HOS SCH-NURS | 006927 |
| AIVERNIA SCH. PRAC. NURS. | 010471 |
| ALLEGHENY TECH INSTIT | 007437 |
| ART INST OF PITTSEURGH | 007470 |
| BRADFORD SCHOOL. | 009721 |
| CARLOU COLLEGE | 003303 |
| CARNEGIE MELLON | 003242 |
| CHATHAM COLLEGE | 063244 |
| COMM CLG ALLEGHENY CO | 004051 |
| COMPUTER TECH | 007434 |
| CONNELLY VOC SCH | 005344 |
| d VQue Sne | CO3258 |
| EARL WHEELER | 007835 |
| ELECTRONICS INST | 004886 |
| GATEHAY TECH INSTITUT | 007530 |
| 1 NST COMPUTER | 007436 |
| IVY SCH OF PRO ART | 007471 |
| MEGIAN SCHOOL | 008568 |
| MONTEFIORE HOSP SCH X-RAY | OC6926 |
| OPIICIANS INSTITUIE | 009216 |
| PENNSYLVANIA TECH INST | 067860 |
| PGH BEAUTY ACADEMY | 008954 |
| PGH INSTITUTE OF MORTUARY | C10814 |
| PGINT Park college | 003357 |
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| St | CITY | SCHOOL | FICE |
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| 39 | PITTSAURGH | SOUTHSIDE HOSP SCH/NURSE | 006579 |
| 39 | PIITSBURGH | St Frances sch of nursing | 706569 |
| 39 | PITTSBURGH | U OF PITTSBURGH | c03379 |
| 39 | PIITSBURGH | $\checkmark$ PENN HOS SCH OF NUR | c06583 |
| 39 | PITTSBURGH | WILMA BOYO CAREER SCH | 010663 |
| 39 | POTTSVILLE | POTTSVILLE HOSP NURS | C11715 |
| 39 | POTTSVILEE | POTTSVILLE HOSP X-RAY | 005949 |
| 39 | PRINGLE | WEST SIDE TECH SCHOOL | 005366 |
| 39 | RAONOR | CAERINI CLG | 003241 |
| 39 | READING | ALBRIGHT COL | n03229 |
| 39 | READING | alvernia college | 903233 |
| 39 | READING | EMPIRE BEAUTY | 009666 |
| 39 | READING | READING HOSP SC | 007543 |
| 39 | READING | READING-MUHLENEERG vo | 010126 |
| 39 | REYNOLOSVILLE | JEFF TECH | 008653 |
| 39 | SCHNECKSVILLE | LEHIGH CO COMM COL | 006810 |
| 39 | SCHUYLKIL HAVEN | PENN STATE UNIV | 003343 |
| 39 | SCRANTON | ICS CENTER FOR DEGREE STU | co4019 |
| 39 | SCRANTON | INTERNATIONAL CORRESP SCH | 004049 |
| 39 | SCRANTON | LACKAVANNA JR COL | 003283 |
| 39 | SCRANTON | MARYWOOD COLLEGE | 003296 |
| 39 | SCRANTON | SCRANTON HOSP X-RAY TECH | 305947 |
| 39 | SCRANTON | SCRANTON STATE G HOSP | 010177 |
| 39 | SCRANTON | U OF SCRANTON | 003384 |
| 39 | SCR OUTON | EMPIRE LACKAWAN | 010541 |
| 39 | SELINSGROVE | SUSQUEHANNA UNIV | 003369 |
| 39 | SHARON | PENN STATE | 003345 |
| 39 | SHAR ON | S GEN HOS SC-NUR | 006578 |
| 39 | SHIPPENSBURG | SHIPPENSBURG ST | 003326 |
| 39 | SLIPPERY ROCK | SLIPPERY ROCK STATE COL. | 003327 |
| 39 | SOMERSET | SOMERSET COM HOSP X-RAY | (1) 1358 |
| 39 | SPR INGF YELO | KEYSTONE SEC SCHOOL | 208441 |
| 39 | St Davio's | EASTERN COLLEGE | 003259 |
| 39 | SUAMERDALE | CENTRAL PA BUS SCH | C10494 |
| 39 | SUAR THMORE | SWARTHMORE COLLEGE | 003370 |
| 39 | titusville | U OF PITTSBURGH | cos383 |
| 39 | UNIONTOWN | FAYETTE AREA VOC-TECH SCH | 005331 |
| 39 | UNIONTOWN | PENN ST UNIV -FAYETTE | 003336 |
| 39 | UNIVERSITY PARK | PENN STATE UNIV | 006965 |
| 39 | UPPER OAREY | RCA TECH INSTITUTE | 007781 |
| 39 | UPPER DAREY | SYLVANIA TECHNICAL SCHOOL | 012477 |
| 39 | VILLANOVA | NE CHRISTIAN JR | 003337 |
| 39 | VILLANOVA | VILLANOVA UNIV | 003388 |
| 39 | WARREN | EDINBORO STATE | COEBO8 |
| 39 | WASHINGTON | WASH HOSP OF NURSING | 116592 |
| 39 | WASHINGTON | WASHINGTON JEFF COLL | -03389 |
| 39 | Yayneseurg | WaYnesturg clg | 003391 |
| 39 | WEST CHESTER | WEST CHES STA COL | 003328 |
| 39 | WEST MIFFLIN | COMM COLL A ALEGHENY CTY | $\bigcirc 87184$ |
| 39 | WEST READING | READING HOSP SCH | C05944 |
| 39 | UILKES BARRE | KINGS COLLEGE | T03282 |
| 39 | WILKES GARRE | SCHOOL OF NURSING | C.07983 |
| 39 | WILKES barre | WILKES COLLEGE | 003989 |
| 39 | vilkes-barke | PENNSYLVANIA St UNIV | 003346 |
| 30 | WILKES-AARRE | HILKES COLLEGE | 933394 |
| 39 | williamgrove | EASTERN MONTG CO TECH | 405333 |


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| 40 | KINGSTON |
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| 41 | columbus |
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| SCHOOL | FICE |
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| LYCOMING CLG | 003293 |
| WILLIAMSPORT CO | 003395 |
| PENN STATE UNIV | 003347 |
| YCRK COLLEGE | 003399 |
| YORK SCH OF ART | 007472 |
| WESTMORELAND COMM COLLEGE | 010176 |
| A UILLIAMS CLG | 004917 |
| UAIV Of RI | 003414 |
| NAVAL OFFICER CANDIDATE | 003413 |
| NEUPORT HOSPITA | 006588 |
| R I TRADES SHOPS | 010128 |
| BROUN | 003401 |
| JCHNSON 8 WALES | 003404 |
| KATHERINE GIBES | 007844 |
| LAFAYETTE ACADEMY (CORS) | 010774 |
| NEW ENGLAND TECH INST | 007845 |
| OU LAD OF FATIM | 011590 |
| PROVIDENCE MED | 003406 |
| R I HOSP SCH OF RESP THER | 010936 |
| RHODE ISLANO COLLEGE | 003407 |
| RHODE ISLAND SCH. DESIGN | 003409 |
| ROGER WILLIAMS CLG | 009056 |
| St JOSEPH SC NRS | 006591 |
| U OF RHOOE IS | 003415 |
| BRYANT COLLEGE | 003402 |
| RHODE ISLAND JUNIOR CLG. | 003408 |
| AIKEN TECH. | 010056 |
| U. OF S.C. AT AIKEN | 003449 |
| A NOER SON COLLEGE | 003418 |
| FORREST COLLEGE | 004924 |
| bealif ort techn eouc cente | 009910 |
| UNIV OF SC | 003450 |
| BAPTIST COLLEGE | 003419 |
| Charleston tech ctr | 004920 |
| CITADEL | 003423 |
| COL OF DNTL MED U OF SC | 003438 |
| COLLEGE OF CHARLESTON | 003428 |
| MED U OF SC | 005980 |
| palmer college | 003443 |
| RICE gUSINESS COLLEGE | 006909 |
| SOUTHEASTERN BUSINESS COL | 011932 |
| TRIDENT TECH COLL | 008048 |
| CHESTERFIELD-MARLBORO TEC | 007602 |
| CLEMS ON UNIV | 003425 |
| PRESEYTERIAN CO | 003445 |
| ALLEN UNIV | 003417 |
| BENEDICT CLG | 003420 |
| CCLUMBIA COLLEGE | 003430 |
| COLUMBIA COMMER | 004922 |
| mioland tech college | 003993 |
| palmer jr cle | 003444 |
| UNIV OF SC | 003448 |
| COLUMBUS TECH | 005364 |
| CCASTAL CAROLINA UUSC) | 003451 |
| DENMARK TECH ED CNTR | 005363 |
| Y CORHEES COLLEGE | 003455 |

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41 FLORENCE
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41 SUMTER
41 SUHTER
41 TIGERVILLE
41 UNION
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42 BROOKINGS
42 HURON
42 MADISON
42 MITCHELL
42 MITCHELL
42 PIERRE
42 PIERRE
42 RAPID CITY
42 SIOUX FALLS
42 SPEARFISH
42 SPEARFISH
42 SPRINGFIELO
4 VERMILLION
42 WATERTOWN
42 YANKTON
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43 ATHENS
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| ERSKINE COLLEGE | 1103432 |
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| F DARLINGTON CTR | n03990 |
| FRANCIS MARION CLG | 009226 |
| LIMEStone college | 303436 |
| BOB JONES UNIV | 003421 |
| FURHAN UNIV | 003434 |
| GREENVILLE TEHCNICAL COLL | 103991 |
| lander college | r03435 |
| PIEOMONT TECH | 0.03972 |
| coker college | 003427 |
| MARION MULLINS VOC TECH | 003722 |
| NE HBERRY COLLEGE | 003440 |
| CALHOUN TECHNBCAL COLLEGE | 006660 |
| CLAFLIN COLLEGE | 703424 |
| ORANGEBURG TEC | 006815 |
| S C STATE COLLEGE | 003446 |
| TRI TEC | 0.04926 |
| UINTHROP COLLEGE | C. 03456 |
| CONVERSE COLLEGE | 0.63431 |
| SPARTANBURG HETH COLL | 003447 |
| SPARTANBURG TECH COLL | 003904 |
| UNIV OF SOUTH CAROLINA | 006951 |
| yOfford college | 003457 |
| MORRIS COLIEGE | ¢03439 |
| SUMTER TECH | 003995 |
| NORTH GREENVILLE COLEEE | 003441 |
| U SOUTH CAROLINA | 0.04927 |
| NORTHERN STATE COLLEGE | ¢03466 |
| PRESENTATION CO | r. 03467 |
| STEWART GEAUTY SCHOOL | 0,10101 |
| SO STATE UNIV | 003471 |
| HURON COLLEGE | 003464 |
| OAKOTA STATE | 003463 |
| DAKOTA WESLEYAN UNIV | 003461 |
| mitchell area voc tech | 208284 |
| PIERRE SCH PRAC NURSING | C07438 |
| NATPL CLG OF BUSINESS | P04057 |
| AUGUSTANA COLLEGE | n03458 |
| SOUTHEAST AREA VOC SCHOOL | 207764 |
| BLACK HILLS STATE COLLEGE | 903459 |
| U. OF. SOUTH DAKOTA | C03472 |
| U of s dakota | T03474 |
| LAKE AREA INST | 005309 |
| mt marty college | 003465 |
| SACRED HEART RADIOLO TECH | 005987 |
| YANKTON COLLEGE | C03476 |
| TENN WESLEYAN C | -03525 |
| TRI CITIES VOCATIONAL IEC | ${ }^{\circ} \mathrm{C} 5378$ |
| GRISTOL COMMERCIAL C | r.09237 |
| KING COLLEGE | 003496 |
| BARONESS ERLANGER SCHOOL | 197995 |
| CHATTANOOGA ST TECH C C | 003998 |
| KUHLMAN CK | C09913 |
| MCKENZIE COLLEGE | 904092 |
| TENN TEMPLE COLL | ?03524 |
| U Of TENNESSEE | 0 O 3529 |

43 CLARKSVILLE
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43 ELIZABETHTON
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ROANE STATE CC 009914
STATE AREA VOCATIONAL SCH O10326 LINCOLN MEM COL 003502 FREEO HAROEMAN COLLEG 003492 JACKS.AREA ST.VOC.TECH.SH 010700 JACKSON ST COLLEGE 004937 LAMBUTH 003498
LANE COLLEGE 003499
UNION UNIVERSITY 003528
4 TENN BUS CLLGE 004947
CARSON NEUMAN COLLEGE
E TENNESSEE ST U
E TENNESSEEST 003487
STEED BUSINESS CLG OO3521
BAPTIST SCH 005996
DRAUGHONS BUSINESS COLL EAST TENNESSEE
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| SOUTHERN COLL OPTOMETRY | C03517 |
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| STATE TECH INSTITUTE | 007105 |
| SW AT MEMPHIS | 003519 |
| UNIVERSITY OF TENNESSEE | 006725 |
| MORRISTOWN COLLEGE | 003512 |
| WALTERS ST COMM CLG | 9088G3 |
| MIDDLE TENHESSEE ST U | 303512 |
| AQUINAS JR CLG | 603477 |
| BELMONT COLLEGE | 003479 |
| OAVIO LIPSCOMB COLL | CO3486 |
| DRAUGHONS GUS COLL | C04934 |
| FALLS BUSIN COL | 004936 |
| FISK UNIVERSITY | 003497 |
| FREEUILL BPT CLG | 103491 |
| GEORGE PEABODY COLLEGE | 003493 |
| MEHARRY MEDICAL COLLEGE | 203506 |
| N AUTO-DIESEL S | 007447 |
| NaSHVILLE BS CL | C04941 |
| NASHVILLE ST AREA VOC | 005359 |
| NASHVILLE STATE TECH INST | 008145 |
| TENNESSEE STATE UNIV | 303522 |
| TREVECCA NAZARENE C | 003526 |
| UNIV OF TN AT NASHVILLE | 103533 |
| VANDERBILT UNIV | 003535 |
| NEHBERN ST AREA VOC-TECH | 005283 |
| MARTIN | 003574 |
| PULASKI A.V.T.S. | 009464 |
| RIPLEY AREA VOC-TEC | 012164 |
| UNIVERSITY OF SOUTH | 003534 |
| SHELBYVILLE AREA ST VOC | 005379 |
| MOTLOU ST COMM | c06836 |
| ABILENE CHRISTIAN UNIV. | 003537 |
| COMMERCIAL OU CL | 010057 |
| HARDIN SIMMONS UNIV | 903571 |
| MCMURRY COLLEGE | 003591 |
| SUL ROSS UNIV | 003625 |
| ALVIN JR COL | 003539 |
| AMARILLO COLLEGE | [0354] |
| TEXAS ST TECH INSTIT | 009933 |
| BAUDER FASHION | 01932 A |
| BIBLE BAPTIST SC | 003547 |
| UNIV OF TEXAS | C03656 |
| HENOESSON CO CL | 003572 |
| AUSTIN BEAU SCH | 91210 |
| AUSTIN COMmUNITY COLLEGE | 012015 |
| CENTRAL TX COL | 010028 |
| CONCORDIA | 003557 |
| OURHAM EUS COL | 007850 |
| NIXON CLAY COLLEGE | C07851 |
| ST EDWARO'S UNIV | 003621 |
| UNIV OF TX | 003658 |
| LEE JR COL | 703583 |
| OURHAM GUSINESS COLLEGE | r.08622 |
| LAMAR UNIVERSIty | ¢03581 |
| BEE COUNTY COLLEGE | $\bigcirc 03546$ |
| MARY-HARDIN BAYLER | 6.03588 |


| St | CITY | SCHOOL | FICE | ST | CITY | SCHOOL | FICE |
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| 44 | BRENHAM | BLINN COLLEGE | 003549 | 44 | EL PASO | THOMASON GENERAL HOSP | 011591 |
| 44 | BROUNSVILLE | TEXAS SOUTHHOST COL | 003643 | 44 | EL PASO | UNIV OF TX-EL PASO | 003661 |
| 44 | BRQUNW000 | HCWARD PAYNE UNIVERSITY | 003575 | 44 | FORT UORTH | CHAPMAN COURT REP COLLEGE | P10327 |
| 44 | Bryan | TEXAS ABM | 003632 | 44 | FORT HORTH | HARRIS HOSP. SCH. ANAESTH | 911663 |
| 44 | CANYON | WEST TEXAS St | 003665 | 44 | FORT HORTH | SOUTHWESTERN SEMINARY | 003617 |
| 44 | CARTHAGE | panola junior clg | 003600 | 44 | FT HORTH | B DRAUGHON BUS C | 204955 |
| 44 | CEDAR HILL | NORTHHOOO INSTIT | 006818 | 44 | FT WORTH | TEX CHRIST UNIV | 003636 |
| 44 | CISCO | CISCO JR COLLEGE | 003553 | 44 | FT HORTH | tx uesleyan | 003645 |
| 44 | CLARENDON | Clarendoon jr col | 003554 | 44 | FT WORTH | UNIV OF TX OSTEOPATHIC SH | 609768 |
| 44 | Clear lake city | UNIV OF HOUSTON | 011711 | 44 | FT.WORTH | TARRANT COUNTY JR.COLLEGE | 008900 |
| 44 | cleveland | CLEVELAND VOC SCH OF NRS | 012248 | 44 | gainesville | COOKE CTY JR CLG | C03558 |
| 44 | COLLEGE STATION | CHARLESESUE S SCH.HAIR OR | 012930 | 44 | GALVESTON | galvesion college | 206662 |
| 44 | COLLEGE STATION | TEXAS A 8 M UNIV | 010366 | 44 | GALVESTON | TX ASM U MOODY COL MRN SC | 010298 |
| 44 | COMAERCE | EAST TX State u | 003565 | 44 | GALVESTON | U OF TEXAS MEDICAL BRANCH | 304952 |
| 44 | CORPUS CHRISTI | CORPUS CHRISTI U. | 003650 | 44 | GEORGE TOWN | SOUTHUESTERN | 003620 |
| 44 | CORPUS CHRISTI | del mar cle | 003563 | 44 | HARLINGEN | OURHAM COLLEGE | 209885 |
| 44 | CORPUS CHRISTI | DURHAM BUSINESS | 004966 | 44 | HARLINGEN | TX ST TECH INST | 409225 |
| 44 | CORPUS CHRISTI | S TEXAS COMMERCIAL CL | 006944 | 44 | HARLINGEN | VALLEY CENTRAL C | 009083 |
| 44 | CORPUS CHRISTI | TX ARI UNIV CORPUS CHRIST | 011161 | 44 | HAUKINS | JARVIS CHRISTIAN COLL | 003637 |
| 44 | CORSICANA | NAVARRO JR COLLEGE | 003593 | 44 | HILLSEORO | HILL JR COLLEGE | 003573 |
| 44 | ofllas | Allstate business | 010155 | 44 | houston | BAYLOR COLL OF MED | 004949 |
| 44 | OALLAS | Gaylor clg of dentistry | 004948 | 44 | houstion | DOMINICAN COLLEGE | 003605 |
| 44 | - ALLAS | BELL \& HOWELL 1 | 010139 | 44 | houston | GULF-COAST BIBLE COLLEGE | n06942 |
| 44 | dallas | BISHOP COLLEGE | 003548 | 44 | houston | HERMANN HOS.SCH.OF MED. | 011364 |
| 44 | OALLAS | COLL - Professional assis | 010909 | 44 | HOUSTON | HOUSTON BAPT UNIVERSITY | 003576 |
| 44 | oallas | Dallas baptist cellege | 003560 | 44 | houstion | HOUSTON COMAUNITY COLLEGE | 010633 |
| 44 | dallas | dallas beauty school | 012627 | 44 | houston | HOUSTON TRAINING FUND | 010422 |
| 44 | dallas | Dallas bible college | 010668 | 44 | houston | LYDIA HOUSTON BTY C | ¢09569 |
| 44 | OALLAS | dallas christian colg | 006941 | 44 | houstion | MASSEY BUSINESS COLLEGE | 004974 |
| 44 | oallas | oallas comb co college | 003561 | 44 | houstion | hCMAHON COLLEGE | 108573 |
| 44 | oallas | Dallas inst mort | 010761 | 44 | houston | Mo anderson sch of med. | 003657 |
| 44 | oallas | DALLAS MANPOUER SKIKL CNT | 009484 | 44 | HOUSTON | NORTH HARRIS COMM COLLEGE | n 111145 |
| 44 | dallas | dallas theological semin | 003562 | 44 | HOUSTON | nurses training | n12018 |
| 44 | oallas | ORAUGHONS BUSINES | 004965 | 44 | houston | RICE UNIV | 003604 |
| 44 | OALLAS | EL CENTRO COLLEGE | 004453 | 44 | HOUSTON | SOUTH TEXAS COLL LAU | 004977 |
| 44 | dallas | ELKINS INSTITUTE | 007441 | 44 | houston | SOUTH TEXAS JC | r03612 |
| 44 | DALLAS | E XECUT SECRETARIAL SC | 009432 | 44 | hOUSTON | SOUTHYESTERN BUS | 004978 |
| 44 | oallas | MISS HADE FASHIO | 010130 | 44 | houston | ST. JOSEPH HOSPITAL | 006040 |
| 44 | uallas | MTN VIEW JR CLG | 008503 | 44 | houston | ST. JOSEPHS SCH.OF MED. | 111592 |
| 44 | dallas | RJCHLAND JUNIOR COLLE | 008504 | 44 | houston | TEXAS MEDICAL CENTER | C08774 |
| 44 | oallas | SO ME THOOIST UNIV | 003613 | 44 | houston | TEXAS SOUTHERN UNIV | 903642 |
| 44 | OALlas | SOUTHUESTERN MEOICAL SCH. | 003660 | 44 | houstion | $U$ OF St thomas | 003654 |
| 44 | oallas | SH METHOOIST U | 006878 | 44 | HOUSTON | U OF TEXAS DENTAL BRA | 704951 |
| 44 | dallas | texas institute | 013116 | 44 | houston | U OF TEXAS HEALTH SCI CTR | 011618 |
| 44 | dallas | U OF TEXAS AT DAL | 009741 | 44 | houston | UNIV OF TX SCH OF NURSING | 006955 |
| 44 | oallas | UAITED ELECTRONICS IN | c09431 | 44 | HOUSTON | UNIVERSITY OF HOUSTON | $r 03652$ |
| 44 | Dallas | UNIV OF DALLAS | 003651 | 44 | huntsville | SAM HOUSTON STATE UNIV | 003606 |
| 44 | DENTON | N TEXAS State u | 003594 | 44 | HURST | TARRANT COUNTY JR COLLEGE | 008899 |
| 44 | DENTON | TEXAS WOMANS U | 003646 | 44 | JACKSONVILLE | LON MORRIS COL | 1.53585 |
| 44 | EOINBURG | PAN AMERICAN UNV | 003599 | 44 | KERRVILLE | SCHREINER INSTITUTE | O361\% |
| 44 | EL PASO | EL PASO COM COL | 010387 | 44 | KILGORE | KILGORE COLLEGE | -03580 |
| 44 | EL Paso | EL PASO TECH VOCATL SCH | 006830 | 44 | KILLEEN | CENTRAL TEXAS COLLEGE | 064003 |
| 44 | EL PASO | ELKINS INStitute | 010483 | 44 | KINGSVILLE | TEXAS ARI UNIV | ¢03639 |
| 44 | EL Paso | HOTEL OUE HOSP | P06607 | 44 | LAKE JACKSON | BRAZOSPORT CLG | $\therefore 07857$ |
| 44 | EL Paso | PROVIDENCE MEM | 011275 | 44 | Laredo | LAREDO JR COLLEG | CO35 CO |
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| SOUTHEEST TEXAS JR COL | 003614 |
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| VICTORIA Heauty college | 012023 |
| VICTORIA COL | 003662 |
| BAYLOR UNIV | 006967 |
| MCLENNAN COMHUNITY CO | 003590 |
| PaUl guinn clege | 003602 |
| IX STA TECH INS | ¢33634 |
| SOUTHUESTERN ASSEMBLY GOD | 003616 |
| WHARTON COUNTY JR COLLEGE | 903668 |
| MIOWESTERN UNIV | 003592 |
| INTERMOUNTAIN SCHOOL | 006141 |
| S UTAH ST CLG | co367A |
| SNOU COLLEGE | 003679 |
| UTAH STATE UNIV. | 003677 |
| CONTINENTAL CLG Of BEAUTY | 012995 |
| Stevens henegar bus C | 003674 |
| WEBER STATE | 203689 |
| CO OF E UTAH | C03676 |
| BRIGHAM YOUNG UNIV | 003670 |
| UTAH TECH CLG | 004027 |
| UTAH TECHNICAL COLLEGE | 005220 |
| UESTMINISTER UNIVERSITY | 003681 |
| COMPUTER KEYPUNCH | 009751 |
| CONTINENTA CO OF BEAU | 009433 |
| L D S BUSINESS CLG | 003672 |
| L D S HOSPITAL | ก11279 |
| UNIV HOSPITAL | 008054 |
| UNIV OF UTAH | C03675 |
| DIXIE COL | 003671 |
| BENNINGTON COLG | P03682 |
| CHAMPLAIN COLLEG | 003684 |
| U. OF VERMONT | 203696 |
| CASTLETON STATE CLG | 003683 |
| JOMNSON ST CLG | r03688 |
| marlboro college | $00369 \%$ |
| MIDOLEBURY COLLEGE | 003691 |
| VERMONT COLLEGE | 003697 |
| NORWICH UNIV | ก03692 |
| godoaro college | [03686 |
| GREEN MT COLLEGE | 003687 |
| UINOHAM COLLEGE | 003699 |
| VERMONT TECH COL | ¢03698 |
| CLG OF ST JOSEPH/PROV | 003685 |
| RUTLAND HOSP SCHO XRAY | 006069 |
| St MICHAELS COL | 003694 |
| SOUTHSIDE VA COMH COLLEGE | 008661 |
| NORTHERN VA COM COLL | 003727 |
| CONTROL DATA INSIITUTE | 037917 |
| RANDOLPH MACON COL. | 003733 |
| MOUNTAIN EMPIRE COM C | r09629 |
| VIrginia polytechic i | 003754 |
| bluefield clg | 003703 |
| EXEC SEC SCHOOL | ¢17572 |
| BRIDGEUATER COLLEGE | 003704 |
| SULLINS | r03741 |
| VA INTERMONT COLLEGE | r03752 |

47 BUENA VISTA S SEMINARY JR C-VONEN
47 CHARLOTTESVILLE PIEOMONT VA CLG
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LONGWOOD COLLEGE OO3719
$\begin{array}{ll}\text { FERRUH JR COLLEGE } & 003711 \\ \text { MARY UASHINGTON COL }\end{array}$
MARY UASHINGTON COL 0 COLEGE 003746
RAPPAHANNOCK CMTY COLLEGE 009160
HAMPDEN-SYONEY 003713
HAMPTON INST OC3714
THOMAS NELSON C 006871
EASTERN MENNONITE CLG 003708
MADISON COLLEGE 003721
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LYNCHBURG COLLEGE
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LORD FAIRFAX COMM. COLLEG APPRENTICE SCHOOL CHRISTOPHER NEYPORT C
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| VIRGINIA UNION UNIV. | 003766 |
| HOLLINS COLL | 003715 |
| VA WESTERN COMM COLL | 003763 |
| ROANOKE COLLEGE | 003736 |
| mary balduin clg | C03723 |
| TAZENELL VOC CNT | 096821 |
| PRINCESS ANNE BUS COL | 010061 |
| TIDEWATER COMMUNITY COLLE | 912717 |
| RAPPAHANNOCK COM COL | 010688 |
| BLUE RIDGE COHM COLLEGE | C06819 |
| WH 8 MARY | co3705 |
| SHENANDOAH COLL-CONSY MUS | 003737 |
| CLINCH VALLEY COLL | 903747 |
| GRAYS HARBOR JR | 003779 |
| GREEN RIVER CC | 903780 |
| BELLEVUE COMmUNITY CL | 503769 |
| BELLINGHAM TECH | ก04999 |
| Cascade c of com | C10910 |
| mCDONALO BEAUTY | 012785 |
| Y UASHINGTON STATE COLL | $0038: 2$ |
| WHATCOM COM COL | C10364 |
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| CENTRALIA COMM COL | 003772 |
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| EVERETT COMMUNITY CO | N03776 |
| PROF SEC INST | 910644 |
| modern business college | C11270 |
| NORTHUEST COLLEGE | 303783 |
| LOWER COLUMEIA COLLEGE | 003782 |
| CTC EDUCATIONAL SYSTEMS | 309811 |
| EDMONDS COMMUNITY COLLEGE | 005001 |
| HIGHLINE COMM C | cos781 |
| BIG BEN COMM COLLEGE | 003770 |
| SKAGIt Valley Com col | -03792 |
| NAS WHIDEEY ISL | 011286 |
| EVERGREEN STATE COLEG | COR155 |
| OLYHPIA VOC TECH INST | 005372 |
| SAINT MARTINS COLLEGE | 003794 |
| COLUMEIA BASIN COLLEGE | 003774 |
| PENiNSULA COLLEGE | 「53746 |
| WASHINGTON STATE UNIV | $\bigcirc 03800$ |
| RENTON VOC TEC INST | 719434 |
| BALLARD gEAUTY SCH | 012072 |
| ITT PETERSON SHL OF BUS | 008443 |
| LUTHERAN BIGLE INSTITUTE | $\bigcirc 29019$ |
| NORTH SEATTLE CO | 259794 |
| PUGET SOUNO COL OF BIBLE | C04998 |
| RON BAILIE S BROADCASTING | 010622 |
| SEATTLE COM C-CENTRAL | r.097.5 |
| SEATILE PACIFIC COLLEGE | 5.3798 |
| SEATTLE UNIV | :03790 |
| SHORELINE COMM C | 003731 |
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| GONZAGA LAW SCHOOL | 003778 | 49 | WHEELING |
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| SPOKANE COMM CG | 003793 | 49 | UHEELING |
| SPOKANE FALLS COMM C | 009544 | 49 | WHEELING |
| HHITWORTH | 003804 | 49 | WHEELING |
| CLOVER PARK VOC | 009960 | 49 | WILLIAMSON |
| Ft. Steilacoom com coll | 005000 | 50 | ANTIGO |
| H.L. BATES VOCATJONAL | 005306 | 50 | APPLETON |
| KNAPP COLLEGE OF BUSINESS | 005003 | 50 | APPLETON |
| $L$ H 日ATES VOCAT TECH INST | 312259 | 50 | APPLETON |
| PACIFIC LUTHERAN | 003785 | 50 | APPLETON |
| tacoma community college | 003796 | 50 | ASHLANO |
| TACOMA GEN HOSP NURSI | 006634 | 50 | BARABOO |
| $u$ Of PUGET SOUND | 003797 | 50 | BELOIT |
| Clark college | 003773 | 50 | de pere |
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| WHITMAN COLLEGE | 003803 | 50 | gau claire |
| WENATCHEE VALLEY COL. | 003801 | 50 | eu claire |
| J M PERRY/SCIENCE | 009387 | 50 | FENIMORE |
| yakima business coll | 010570 | 50 | FOND OU LAC |
| yakima valley coll | 003805 | 50 | FONDULAC |
| CONCORD COLLEGE | 003810 | 50 | green bay |
| BECKLEY COLLEGE | 003807 | 50 | GREEN bAY |
| BECKLEY VOC SCH | 012905 | 50 | GREEN RAY |
| CERTIFIED LAB ASSt,VA hos | 010285 | 50 | green bay |
| BETHANY COLLEGE | 003808 | 50 | KENOSHA |
| bluefielo state | 003809 | 59 | KENOSHA |
| L FRENCH BTY AC | 011936 | 50 | KENOSHA |
| APPALACHIAN BIBLE INS | 007544 | 59 | La Crosse |
| $\checkmark$ Va Westeyan | 003830 | 50 | la crosse |
| CENTER COLLEGE | 009195 | 50 | la crosse |
| CHARLESTON JOB CORPS | 010573 | 50 | LADYSMITH |
| MGRRIS HARVEY COLLEGE | 003818 | 50 | LAFAYETTE |
| UNITED ELECTRONI | 010356 | 50 | MADI SON |
| DAVIS \& ELKINS | 003811 | 50 | MADISON |
| FAIRMONT STATE COLLEG | ce3812 | 50 | MADI SON |
| U Va career clg | 008501 | 50 | MADISON |
| GLENVILLE St Cl | 003813 | 50 | MaOI SON |
| MARSHALL UNIVER | 003815 | 50 | Madison |
| ST MARYS NURSING | 004006 | 50 | Marshfield |
| uV CAREER CLG | 009418 | 50 | Marshfield |
| $W$ va clg graduate studies | 006869 | 50 | MARSHFIELD |
| WEST VIAGINIA ST COL | 003826 | 50 | marshfield |
| POTOMAC STCOL | 003829 | 50 | MENASHA |
| GREENBRIER COMMUNITY COLL | 011245 | 50 | MENOMONIE |
| SOUTHUEST VIRGINIA COM C | 003816 | 50 | MILTON |
| JAMES RUMSEY VOC-TECH SCH | 0 C 8355 | 50 | hilwaukee |
| WEST VIRGINIA INST TECH | П03825 | 50 | MILWAUKEE |
| WEST VIRGINIA UNIVERSITY | 003827 | 50 | MILWAUKEE |
| Parkersburg comm C | 003828 | 50 | hilwauke |
| WOOD COUNT VOC SCH | 011749 | 50 | MILWAUKEE |
| A LDER SON-BROAODUS | 003806 | 50 | MILWAUKEE |
| SOUTHERN WV COMM COLL | 010334 | 50 | MILWAUKEE |
| SALFM COLLEGE | 0 C 3820 | 50 | miluaukee |
| SHEPHERO COLLEG | $0 ¢ 3822$ | 50 | MILwaukee |


| t LIBERTY State |  |
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| MCKINLEY VOC TECH CTR | 01175 ? |
| OHIO VLY SCH NSG | 036635 |
| W Va career coll | 911722 |
| WHEELING BEAUTY | 007579 |
| WHEELING CLG | CO3 31 |
| S WEST VA COMM CLG | ¢G3A17 |
| NORTH CENTRAL TECH.INST. | 605387 |
| CITY COL OF COSMETOLOGY | 097668 |
| fox valley tech institute | $\bigcirc 39744$ |
| LAWRENCE UNIV | [03856 |
| UNIV WISCONSIN | C11459 |
| NORTH LANO CLG | r03A75 |
| WISCONSIN STATE UNI | \%05016 |
| beloit college | 1.03835 |
| St NORBERT COLLEGE | -03892 |
| CY C Of COSMETOL | r. 07677 |
| DISTRICT ONE TECH INST | 0.05304 |
| UW EAU CLAIRE | 003917 |
| FENIMORE TECHNICAL SCH | 007669 |
| MORAINE PK TECH INST | 209256 |
| St Agnes hosp $S$ X-RAY TEC | 006121 |
| bellin mehorial hospital | 036107 |
| GREEN BAY TECH INST. | 005301 |
| NORTHEAST WI. TECHN. INST | 009257 |
| UN OF WI -GREEN BAY | 603899 |
| CARTHAGE | O3839 |
| KENOSHA TECH IN | r07288 |
| U OF UISC Parksiot | 305015 |
| UNIV OF HISCONSIN | 303919 |
| VITERBO COLLEGE | 003911 |
| WESTERN WISCONSIN TECH | 093847 |
| mt sinera colleg | 303873 |
| UISCONSIN STATE | 90883 A |
| MADISON AREA TECH CLG | 004707 |
| MAOISON GENERAL SCH NURSI | 006643 |
| U OF HISCONSIN-EXTENSION | 004454 |
| UNIV OF WISCONS: | O63895 |
| UNIV. OF WISCONSIN MEO SC | 033897 |
| UISCONSIN SCH OF ELECTRON | 009621 |
| MARSHFIELO TECHNICAL | ก12159 |
| MID-STATE TECH INST | 011378 |
| ST JOE HSP SCH/NURSIN | r06650 |
| UNIV OF WISCONSIN | rn39\% |
| U OF WISC CTR FOX VLY | Cc3898 |
| U. OF WISCONSIN-STOUT | r33915 |
| Milton college | ก03865 |
| ALVERNO COLLEGE | 903832 |
| GRYANT \& STRATTON BUS | $\bigcirc 05059$ |
| CARDINAL STRITCH COLLEGE | r.03837 |
| career academy | r:05226 |
| COLUMBIA HOSP SCH NUPS | <0664? |
| CONCORDIA COLLEG | -03842 |
| MANPONER BUS TRAIN INST | $\bigcirc 09225$ |
| marguette univ | - 03863 |
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| ST | CITY | SCHOOL | CE |
| :---: | :---: | :---: | :---: |
| 50 | milua ukee | MILWA UKEE AREA VOC $T$ Ins | 003866 |
| 50 | milyaukee | MILHAUKEE SCH OF ENGINEER | 003868 |
| 50 | milla uke | mt mary college | 003869 |
| 50 | MIL.WAUKEE | patricia steven | 009117 |
| 50 | miluauke | SPENCERIAN BS C | 003888 |
| 50 | MILHAUKEE | UNITED TECH INST | 099052 |
| 50 | MILUAUKEE | UNIV OF HISCONS | 003896 |
| 50 | HILWA UKEE | WISCONSIN CONSERVATORY | 003913 |
| 50 | NEU RICHMOND | I NOIANHEAD TECH INS | 011824 |
| 50 | OSHKOSH | UNIV OF WISCONSIN | 009630 |
| 50 | PEWAUKEE | Waukesha countr tech | 009258 |
| 50 | platteville | UNIV OF WISCONSIN | 003921 |
| 50 | RACINE | COL OF RACINE | 003846 |
| 50 | RACINE | GATEWAY | 005299 |
| 50 | RACINE | St LUKES HOSP | 006651 |
| 50 | RHINELANDER | NICOLET CLG. 8 TEC. INST. | 008919 |
| 50 | RICE Lake | BARRON CO CAMPUS | 003916 |
| 50 | rice lake | INDIAN HEAD TECH INST | 005298 |
| 50 | RICE LAKE | UNIV OF WISCON | 003918 |
| 50 | RIPON | RIPON COLLEGE | 003884 |
| 50 | river falls | UNIV OF WISCONSIN | 003923 |
| 50 | SHEBOYGAN | LakElano college | 003854 |
| 50 | STEVENS POINT | S P TECHNICAL | 005296 |
| 50 | StEVENS POINT | U OF UISCONSIN | 003924 |
| 50 | SUPERIOR | UE ST UNIV-SUP | 003925 |
| 50 | WAUKESHA | CARROLL COLLEGE | 003838 |
| 50 | HAUKESHA | UWCW | 003909 |
| 50 | WAUKE SHA | WAUKESHA TECH I | 005294 |
| 50 | WAUSAU | TRANS AM BROADCA | 010913 |
| 50 | WEST ALLIS | milwaukee area tech coll | 012712 |
| 50 | WEST BEND | URIV UISCONSIN | 005017 |
| 50 | WEST BEND | WEST EEND EAST | 007627 |
| 50 | WHITEUATER | U OF WISCONSIN-WHITEUATER | 003926 |
| 50 | WISC RAPIDS | MIO STATE TECH INST | 005380 |
| 50 | V000 | VA HOSP X-RAY TECH SCH | 011382 |
| 51 | CASPER | CASPER COLLEGE | 003928 |
| 51 | CHEYENNE | LARAMIE COUNTY COM. COL. | 009259 |
| 51 | LARAMIE | U OF WYOMING | 003932 |
| 51 | LARAMIE | WYOMING TECH IN | 009157 |
| 51 | RIVERTON | CENTER WY COLLEGE | 007289 |
| 51 | THERMOPOLIS | TECH COL ROCKIES | 011927 |
| 52 | AGANA | UNIV OF GUAM | 003935 |
| 52 | BALEOA | CANAL ZONE COLLEGE | 003934 |
| 52 | BARCELONA | UNIVERSITY OF BARCELONA | 012076 |
| 52 | BERLIN GERMANY | UNIV OF BERLIN | 009490 |
| 52 | BERNE. | UNIVERSITY OF EERNE | 007689 |
| 52 | BOLOGNA | UNIVERSITY OF GOLOGNA | 006705 |
| 52 | cairo | AMERICAN UNIV IN CAIRO | 005034 |
| 52 | CHOLULA | UNIV OF THE AMERICADS | 006710 |
| 52 | COPENHAGEN | UNIV OF COPHENHAGEN | 006690 |
| 52 | FLORENCE | UAIVERSITY OF NORTHERN CO | 008150 |
| 52 | FREIBURG I BR | ALEERT LUDWIG UNIVERSIAT | 008382 |
| 52 | GENEVA | UNIVERSITY OF GENEVA | 006715 |
| 52 | GRENOBLE | UNIVERSITY OF GRENOBLE | 008457 |
| 52 | HAIFA | ISRAEL INST OF TECHNOLOGY | cog428 |
| 52 | JERUSALEM | HEGRE UNIVERSITY | 004012 |

Appendix C. 11
List of FICE Codes, in Numerical Order

| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 001002 | alabama a m university | NOR MAL | 01 |
| 001003 | AL CHAISTIAN CO | MONTGOMEAY | 01 |
| 001064 | UNIV OF HONTEVALLO | MONTEVALLO | 01 |
| c01005 | ALA STATE UNIVERSIty | MONTGOMERY | 01 |
| 061007 | ALEXANDER CITY ST JR | ALEXANDER CITY | 1 |
| 001008 | ATHENS COLLEGE | ATHENS | 01 |
| 001009 | AUBURN UNIV | AUQURN | 01 |
| c01012 | BIRMINGHAM SOUTHERN C | GIRMINGHAM | 1 |
| 001013 | JOHN C CALHOUN JR COL | decatur | 1 |
| 001014 | DanIEL PaYNE COLLEG | SIRMINGHAM | 01 |
| 001015 | ENTERPRISE JR C | ENTERPRISE | 1 |
| 001026 | FLORENCE STATE UNIV | FLCPEACE | 01 |
| 001017 | GADSDEN JR CLG | GADSOEN | 1 |
| 001019 | HUNTINGDON COLLG | MONTGOMERY | 1 |
| 001020 | Jacksonville state univ. | JACKSONVILLE | 01 |
| 001021 | JEFF DAVIS JR C | BRENTON | 01 |
| 001022 | JEFFERSON ST | BIRMINGHAM | 1 |
| 001023 | JUDS ON | marion | 1 |
| 001024 | LIVINGSTON UNIVERSITY | LIVINGSTON | 01 |
| 001026 | MARION INSTITETE | MARION | 1 |
| 001028 | miles college | GIRMINGHAM | 01 |
| 001029 | m08ILE CIty CCllege | MOBILE | 01 |
| 001030 | S D.EISHOP JR CLG | MOBILE | 1 |
| 001031 | NORTHEAST ST | RAINSVILLE | 1 |
| 001032 | NORTH WEST AL JR COL | PHIL CAMPBELL | 01 |
| COLO34 | PATRICK HENRY JR COLLEGE | MCNROEVILLE | 1 |
| 001036 | SAMF ORD COLLEGE | OIRMINGHAM | C1 |
| col 037 | SELMA UNIV | SELMA | 01 |
| cos 038 | SNEED ST JR CCL | BOAZ | 1 |
| 001040 | SOUTHERN UNION ST. JR CLG | WADLEY | 1 |
| 001041 | SPRING HILL COLLEGE | MOBILE | 01 |
| 001043 | St BERNARD COL | CULMON | 1 |
| 001044 | Stillman college | tuscaloosa | 01 |
| 001046 | talladega college | TALLADEGA | 1 |
| 001047 | TROY STATE UNIVERSITY | TROY. | 1 |
| 001049 | troy st univ | MON TGOMERY | 61 |
| 001050 | tuskegee institute | tuskegee | 1 |
| 001051 | UNIV OF alabama | TUSCALOOSA | 1 |
| c01052 | UNIV OF ALABAPA | BIRMINGHAM | 1 |
| 601055 | UNIV OF ALABAMA | HUNTSVILLE | 31 |
| 001057 | UNIV SOUTH AL | MCAILE | 1 |
| 001058 | WALKER JR COL | JASPER | 1 |
| 601359 | THE ODORE A LAhSON ST J C | EIRMINGHAM | [1 |
| 001060 | FAULKNER STATE JR | BAY MINETTE | 1 |
| C61063 | UNIVERSITY OF ALASKA | FAIRBANKS | 22 |
| C01 064 | UNIVERSITY OF ALASKA | ANCHORAGE | 02 |
| 001067 | KEICHIKAN COMM COLLEGE | KETCHIKAN | 92 |
| 001068 | METHODIST UNIV | PALMER | 22 |
| 601369 | SITKA COMMUNITY COLLEGE | SITKA | $\because 2$ |
| 001070 | AMER GRAO SCH OF INT MGMT | GLENDALE | 3 |
| 001071 | ARIZONA WESTERN COLLEGE | ruma | 33 |
| 001072 | COCHISE COLLEGE | douglas | 03 |
| 001073 | EASTERN AZ JR | THATCHER | 3 |
| 001074 | grand canyon college | FHOENIX | 03 |
| 001076 | GLENDALE COM COL | GLENDALE. | 03 |
| 031077 | mesa com college | mesa | C. 3 |


| FICE | SCHOOL | CITY |
| :---: | :---: | :---: |
| 001153 | CALIfORNIA St UNIV | NORTHRIDGE |
| 001154 | S F State college | SAN FRANC ISCO |
| 001155 | SAS JOSE ST UNIV | SAN JOSE |
| 001156 | CALIFORNIA ST CLG SONOMA | ROHNERT PARK |
| colls | Stanislaus st. Col. | TURLOCK |
| C01158 | U. S. INTERNATIONAL UNIV | SAN DIEGO |
| 001161 | CERRITOS CLG | NORWALK |
| C01162 | CHAEOT JR COLLEGE | HAYWARO |
| v01163 | CHAFFEY JR CLG | ALTA LOMA |
| 001164 | CHAPMAN COLLEGE | ORANGE |
| 001166 | CItrus CLG | AZUSA |
| 001167 | city college | SAN FRANCISCO |
| 001170 | claremont mens college | CLAREMONT |
| 001171 | Harvey mudd | CLAREMONT |
| 001172 | pitzer clg | CLAREMONT |
| 001173 | POMONA COL | CLAREMONT |
| 001176 | WEST HILLS | COALINGA |
| 0.01177 | COGSUELL POLYIECHNICAL | SAN FRANCISCO |
| C01178 | COLLEGE OF Marin | KENTFIELO |
| 001179 | COL NOTRE DAME | BELMONT |
| f01181 | COL OF SAN MATEO | SAN MATEO |
| 001182 | COL OF THE DESERT | Palm desert |
| 001183 | HOLY NAMES COLLEGE | OAKLANO |
| 001185 | COL OF THE REOWOODS | EUREKA |
| 001186 | COL OF SEQUUIAS | VISALIA |
| 001187 | CLG SISKIYOUS | UEED |
| 001188 | COMPTON COH COL | COMPTON |
| 001190 | contra costa jr clg | SAN PABLO |
| 001151 | DIABLO VALLEY COLLEGE | PLEASANT HILL |
| cod 192 | cuesta college | SAN LUIS OBISPO |
| 601193 | CYPRESS COLLEGE | CYPRESS |
| c01195 | DEFENSE LANGUAGE INST | honterey |
| 001196 | DOMINICAN COLLEGE | SAN RAFAEL |
| 001197 | el camino college | TORRANCE |
| coll 198 | ELECTRICIAN SCHOOL | SAN DIEGO |
| 001199 | FOOTHILL JUNIOR COLLEGE | LOS ALTOS HILLS |
| col2co | FULLER THEOLOGICAL SEMIN | PASADENA |
| 001204 | fullerton college | FUlLERTON |
| 001203 | glendale college | GLENDALE |
| 001205 | GOLDEN GATE UNIVERSITY | SAN FRANCISCO |
| 001206 | GOLDEN WEST COLLEGE | HUNTINGTON BCH |
| 001268 | GROSSMONT COMM COLL | EL CAJON |
| 001209 | HARTNELL | SALINAS |
| col 210 | healo college of engineea | SAN FRANCISCO |
| 001211 | HEALOS BUSINESS | SAN JOSE |
| 001213 | IMMACULATE HEART COL. | LOS ANGELES |
| 001215 | LOMA LINDA UNIV | RIVERSIDE |
| 001216 | la verne college | La VERNE |
| C01217 | LASSEN COMM COL | SUSANVILLE |
| 601218 | LOMA LINOA | LOMA LINOA |
| 001219 | LONG ECH CY COL | LGNG BEACH |
| 001220 | LOS ANGELES BAPTIST CLG | NEWHALL |
| 001222 | E. Los angeles jr co | LOS ANGELES |
| 001223 | L.A.CITY COLL | LOS ANGELES |
| 001224 | HARBCR JR. COL. | WILMING TON |
| 001226 | LOS ANGELES PIERCE | WOOOLANO HILLS |


| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 091227 | l a trade tech clg | LOS ANGELES | 95 |
| 301228 | los angeles valley clg | VAN NUYS | cs |
| 001229 | L. A COLLEGE OF CHIROPRAC | GLENDALE | ${ }^{3} 5$ |
| 001230 | S Calif coll of ortometry | FULLERTON | 5 |
| 001233 | SACRAMENTO CITY COLLEGE | SACRAMENTO | 25 |
| . 01237 | MERCED COL. | MERCED | 5 |
| 001238 | mills college | OAKLANU | ? 5 |
| 001239 | miracosta college | OCEANSIDE | 5 |
| 001240 | MODESTO JR COLLEGE | MOOESTO | 5 |
| 001242 | MONTEREY PEN CO | MONTEREY | 5 |
| 001243 | Mt SAINT MARYS CLG | LOS ANGELES | 35 |
| 0.01245 | MT SAN ANTONIO C | WALNUT | 5 |
| 001246 | MT. SAN JACINTO | SAN JACINTO | 5 |
| 001247 | napa college | NAPA | 5 |
| 001249 | occidental coll | LOS angeles | $\bigcirc 5$ |
| 001250 | ORANGE COASt COLlege | costa mesa | 5 |
| 001253 | PACIFIC CLG | FRESNO | 5 |
| 001258 | PACIFIC UNION COLLEGE | ANGWIN | 5 |
| 001260 | palomar jr clg | SAN MARCOS | 5 |
| 001261 | Pasadena citr college | PASADENA | 5 |
| 001262 | POINT LOMA COLLEGE | SAN DIEGO | 5 |
| 001264 | PEPPERDINE UNIV | MALIBU | 5 |
| 001266 | LANEY COMHUNITY COLLG | OAKLAND | 5 |
| 001267 | MERRITT COLLEGE | OAKLAND | 5 |
| 001268 | PORTERVILLE JC | PORTERVILLE | 5 |
| 001269 | RIO HONDO JR CLG | UHITTIER | 5 |
| 001270 | RIVERSIDE CITY CLG | RIVERSIDE | 5 |
| 001272 | SAN BERADINO Valley | SAN BERNADINO |  |
| 001275 | SAN DIEGO MESA | SAN DIEGO | 5 |
| 001276 | LONE MOUNTAIN COLLEGE | SAN FRANCISCO | 5 |
| 001280 | San joaguin delta | STOCKTON | $\because 5$ |
| 001281 | san jose bible clg | SAN JOSE | 5 |
| 001282 | SAN JOSE CITY | SAN JOSE | 5 |
| 001284 | Santa ana college | SANTA ANA | 05 |
| 001285 | SANTA EARBARA CITY CL | SANTA BARGARA |  |
| 001286 | SANTA MONICA COMM College | SANTA MONICA | 5 |
| 001287 | SANTA ROSA JR COLLEGE | SANTA ROSA | 25 |
| 001289 | Shasta college | REDOING | 5 |
| 001290 | SIERRA COMMUNITY CO | ROCKLIN | : 5 |
| 001291 | SIMPSON EIBLE COLLEGE | SAN FRANCISCO |  |
| 001292 | SOLANO COM COLLEGE | SUISUN CITY | 5 |
| 001293 | SOUTHERN CALIFORNIA COLL | costa mesa |  |
| 001294 | SOUTH WEST COMMUN COL | CHULAISTA |  |
| 001302 | St marys colle | MORAGA | 5 |
| 001305 | STANFORD | STANFORD | 5 |
| 031307 | FRESNO CIty college | FRESNO | 5 |
| 001398 | REEDLEY COLLEGE | REEDLEY | 5 |
| 001309 | TAFT JR COLLEGE | IAFt |  |
| 001312 | UNIV OF CALIF | berkeley |  |
| 001313 | UNIV. OF CA. a davis | DAVIS | 5 |
| 001314 | UNIV OF CALIF | IRVINE | 5 |
| 601315 | UCLA | LOS ANGELES | 5 |
| 001316 | UNIV CALIFORNIA | RIVERSIDE | 5 |
| . 311317 | UNIV OF CA | SAN DIEGO | $\because 5$ |
| 001319 | UNIV OF CA, SAN FRANCISCO | SAN FRANCISCO | 15 |
| 30132 C | U OF CALIFORNIA | SANTA BARBARA | C 5 |


| FICE | SCHOOL | city | ST |
| :---: | :---: | :---: | :---: |
| 001321 | UNIV Of Calif crnia | SANTA CRUZ | 5 |
| 001322 | REDLANDS UNIY | REDLANDS | 05 |
| 001325 | UNIV Of SAN francisco | SAN FRANCISCO | 65 |
| 001326 | santa clara u. | SANTA CLARA | 5 |
| 001328 | UNIV OF S CAL IFORNIA | LOS ANGELES | 5 |
| 001329 | UNIV of PaCIFIC | STOCKTON | 5 |
| CO1334 | ventura jp college | ventura | 5 |
| 001335 | victor valley college | victorville | 5 |
| C01338 | WESt valley JR CLG | saratoga | 5 |
| col339 | WESTERN BAPYIST Bible clg | SALEM | 8 |
| c01341 | WESTMONT COLLEGE | SANtA barbara | 05 |
| 001342 | Whitiler college | WHITTIER | 05 |
| 001344 | ruba college | Marysville | 05 |
| 001345 | AdAMS STATE CCLLEGE | Alamosa | C6 |
| 201346 | ARAPAHOE CM COL. | Littieton | 06 |
| CO1347 | colorado college | COLORADO SPGS | 06 |
| CO1348 | COLORADO SChOCL of mines | GOLOEN | 06 |
| 001349 | UNIV OF NORTHERN COLORADO | greeley | 26 |
| coi350 | co state univ | FORT COLLINS | 06 |
| P01351 | COLORAOO HOMEN'S COLLEGE | denver | 36 |
| 001352 | GAPTIST SEMINARY | denver | 36 |
| 001353 | FORT LEWIS COLLEGE | durango | 06 |
| 001354 | ILIFF SCH OF THEOLOGY | denver | 06 |
| 001355 | lamar college | LAMAR | 06 |
| 001356 | LORETTO HGTS. | DENVER | 06 |
| 001358 | mesa college | GRAND JUNCTION | 06 |
| C01359 | rangelr Jr college. | RANGELY | C6 |
| T01360 | METROPOLITAN SC | DENVER | 06 |
| 001361 | Ne Junior college | STERLING | 06 |
| 001363 | REGIS COLLEGE | OENVER | 06 |
| [01365 | S COLORADO ST COL | PUEBLO | 06 |
| 001367 | St. thomas seminary | Oenver | 06 |
| C01369 | USAF ACADEMY | COLO SPRINGS | C6 |
| 301370 | COLORADO UNIV | BOULDER | 06 |
| 001371 | UNIV OF DENVER | denver | 06 |
| c01372 | WESTERN St Clg | GUNNISON | 06 |
| ¢01375 | ANNHURST COLLEGE | HOODSTOCK | 9 |
| 001377 | BRIOGEPORT CLG | BPIDGEPORT | 37 |
| 801378 | CTL Ct St clg | NEY BRITATN | 07 |
| 001379 | CONNECTICUT CLG | NEW LONDON | 67 |
| c01380 | HESTERN CT St C | Dandury | 97 |
| C01385 | fairfield univ | FAIRFIELO | 37 |
| 001386 | HARTFORO COLLEGE | HARTFORD | 07 |
| (01388 | hartford st tech col | HARTFORD | 37 |
| C01389 | holy aposties coliege | CROMLELL | 37 |
| 001392 | manchester community coll | Manchester | 07 |
| Cく1393 | MITCHELL COLL. | NEW LONDON | 37 |
| 001394 | MORSE SCHOOL CF RUSINESS | hartford | 37 |
| CO1397 | NEW HAVEN UNIV | WEST HAVEN | 37 |
| CO1398 | NORTHLESTERN CT COMM COLL | HINSTED | 07 |
| 001399 | NORWALK COM CCL. | NORWALK | 37 |
| CO1400 | NORWALK St tech | NORWALK | 7 |
| 301401 | POSt JUNIOR COLLEGE | HATERBURY | 07 |
| CO1402 | QUINNIPIAC COL. | NEW HAVEN | 07 |
| 1.01403 | Sacaed heart liniversity | GRIDGEPORT | 07 |
| 101406 | SOUTHERN CT. STATE COL | NEW HAVEN | 7 |



001413 THAMES VALLEY STATE
001414 TRINITY COLLEGE
001415 U S COAST GUARO ACAD 001416 UNIV OF ERIOGEPORT 001417 UNIV OF CONNECTICUT 001418 U OF CONN HARTFORD 901419 UNIV CONNECTICUT 001421 UNIV CT WATERBURY BRA 001422 HARTFORD UNIV 001423 WATERBURY ST TECH CLG 001424 HESLEYAN
001425 EASIERN CT ST CL
001426 YALE UNIV
001427 GRANOYWINE COLL 001428 DELAHARE STATE COLLEGE DO1429 GOLDEY BEACOM JR COL 001431 UF OELAWARE 001433 WESLEY JR COLLEGE 001439 AMERICAN UNIV 001437 CATHOL UNIC AMER ca holic u of ame 001441 D C TEACHER CO 001443 GALLAUDET CLG 001444 GEORGE WASHINGTON OO1445 GEORGETOUN UNIV. 001448 HOWARD UNIVERSITY 001451 MARJORIE WEASTER 001452 MT VERNON JR CLG 001456 SOUTHEASTERN UNIV 001459 STRAYER COLLEGE 001460 TRINITY COLLEGE
001462 WASHINGTON BIBLE COLLEGE 001467 GETHUNE COOKMAN 001468 BISCAYNE CLG
001469 FLA INST OF TECH 001470 AREVARD COMMUNITY COLLEGE OO1471 CENTRAL FL COM C 001472 CHIPOLA JUNIOR COLLEGE OSI475 DAYTONA BCH COMM COLLEGE 031477 EOISON JR COLL DO1478 EOWARD UATERS COLLEGE OOI479 EMARY RIDDLE AERONAUTIC 0014 AO FLORIOA A \& M UNIV 001481 FLORIOA ATLANTIC UNIV. 001482 FLORIDA COLLEGE
001482 FLORIDA COLLEGE
GO1485 FLA KEYS COM COL
OO148G FLORIDA HEMORIAL COLLEGE 0014H7 FCKERD COLLEGE
CO1488 FLORIOA SOUTHERN COLLEGE OO1489 FLORIDA STATE UNIVERSITY CO1490 CULF COAST CM CLG CO1493 INOIfN RIVER COMM COLLEGE CaI4?5 JACKSONVILLE UNIV ©31497 JONES COLLfGE 3T150? FROWARD COMM COLL

HEST HARTFORO
NORUICH
HARTF ORO
NEW LONDON BRIDGEPORT STORRS UEST HARTFORD
STAMFORD WATERBURY HARTF ORO WATERBURY MIOOLETOUN HILLIMANTIC NEN HAVEN VILMINGTON DOVER WILMINGTON NE WARK NE MARK WASHINGTON WASHINGTON WASHINGTON WASHINGTON UASHINGTON WASHINGTON HASHINGTON WASHINGTON UASHINGTON UASHINGTON UASHINGTON WASHINGTON WASHINGTON LANHAM
OAYTONA BEACH
MIAMI
MELBOURNE
COCOA BEACH
OCALA
MARIANNA FORT MEYERS back Meyers JACKSONVILLE UAYTONA BEAC GOCA RATON
boca raton
temple terrace
JACKSONVILLE
KEY WEST
MIAMI
St PETERSEURG
CAKELAND
TALLAHASSTE
PANAMA CITY
FORT PIERCE
JACKSONVILLE
ft LaUDERDALE

| FICE | SCHOCL | CITY | S I |
| :---: | :---: | :---: | :---: |
| 0015101 | LAKE CITY COMM COL | LAKE CIty | 0 |
| 001522 | Lake sumter com cl | LEESOURG | 10 |
| 201504 | manatee jr col | GRACENTON | $1 \%$ |
| CO1565 | MARYMOUNT COLLEGE | boca raton | 17 |
| C01506 | MiAMI dade corm collfge | MIAMI | 10 |
| 01501 | NEW COLLEGE | SARASOTA | c |
| COLSCA | NORTH FLORIOA JR | Madison | 15 |
| co15c9 | NOVA UNIV. LAH SCHOOL | FT. Lavderdale | 10 |
| 001510 | OKAL OOSA-HALTON | NICEVILLE | 10 |
| C01512 | PALM BEACH JUNIOR COLLEGE | LAKE WORTH | 10 |
| C01513 | PENSACOLA JR college | PENSACOLA | 10 |
| 001514 | POLK COMMUNITY COLLEGE | WINTERHAVEN | 10 |
| 101515 | ROLLINS COLLEGE | WINTER PARK | 10 |
| C01519 | santa fe com col | gainesville | 10 |
| CC1520 | SEMINOLE JR COLLEGE | SANFORD | 10 |
| r01521 | SOUTH EASTERN BIBLE COLLE | LAKELAND | 10 |
| cols22 | SOUTH FLORIDA JR COLLEGE | AVON PARK | 10 |
| C015:3 | St Johns river jr college | PALATKA | 10 |
| 201526 | St leo college | St LEO | 10 |
| (01528 | SAINT PETERSELRG JR COL | St. PETERSBURG | 10 |
| C01529 | St peterseurg ja clg | CLEARWATER | 10 |
| ¢01531 | STETSON UNIVERSITY | OELANO | 10 |
| 201533 | tallahassee ccmm college | tallahassee | 10 |
| 001534 | TAMPA BUSINESS INST | TAMPA | 10 |
| 061535 | UNIVERSITY Of FLORIDA | GAINESVILLE | 10 |
| 061536 | UNIVERSITY OF MIAMI | coral gables | 10 |
| 001537 | U Of S Florioa | TAMPA | 10 |
| 001540 | WEBBER COLLEGE | BABSON PARK | 10 |
| 01541 | abraham baldul in | IIFTON | 11 |
| 001542 | AGNES SCOT1 COLLEGE | dECATUR | 11 |
| 001543 | albanr JR college | ALCANY | 11 |
| 001544 | albany state | aldany | 11 |
| CO1546 | armstrong state clg | SAVANNAH | 11 |
| 001547 | ATLANTA CHRISTIAN COL | Atlanta | 11 |
| 001549 | ATLANTA COL OF ART | ATLANTA | 11 |
| c01551 | ATLANTA UNIVERSITY | ATLANTA | 11 |
| ¢01552 | augusta college | AUGUSTA | 11 |
| 001554 | ferry college | HT. BERRY | 11 |
| C01556 | brenau college | gainesville | 11 |
| ¢01557 | RREWTON PARKER COLLEG | MT VERNON | 11 |
| 201558 | GRUNSUICK JR COLLEGE | ORUNSUICK | 11 |
| 001559 | CLARK COL | ATLANTA | 11 |
| 001561 | COLUABUS COLLEGE | columbus | 11. |
| coist2 | oEkALE COMM COLLEGE | CLARKSTON | 11 |
| 001563 | emannuel college | FRANKLIN SPRING | 11 |
| CC1564 | EMORY UNIVERSITY | ATLANTA | 11 |
| CG1565 | OXFORD COL OF EMOAY U | OXF ORD | 11 |
| C01566 | Ft.valley State college | FORT VALLEY | 11 |
| col 067 | GAINESVILLE. JR COL | GAINESVILLE | 11 |
| 0.01569 | GEORGIA TECH | ATLANTA | 11 |
| 301570 | SOUTHERN TECHNICAL IN | MARIETTA | 11 |
| rols ${ }^{1}$ | GA SOUTHERN COL | STATESHORO | 11 |
| CC1573 | GEORGIA SOUTHLESTERN CLG | AMERICUS | 11 |
| CO1574 | getorgia st clg | ATLANTA | 11 |
| C01575 | GORDON JR COLLEG | barnesville | 11 |
| CO15 | KENNESAL JR CCLL | BanNes litle |  |


| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 001662 | CHICAGO LAW SCHOOL | CHICAGO | 14 |
| 601664 | ST. FRANCIS CCL. | JOLIET | 14 |
| 001665 | COLUMBIA COLLEGE | CHICAGO | 14 |
| 001666 | CONCORDIA COL. | RIVER FOREST | 14 |
| 001667 | CONCORDIA THEGLOGICAL SEM | SPRINGFIELO | 14 |
| 001669 | danville Junior college | DANVILLE | 14 |
| co1671 | DE PAUL | CHICAGO | 14 |
| 001672 | DEVRY INST OF TECHNOLOGY | CHICAGO | 14 |
| 001674 | EASTERN IL UNIV | CHARLESTON | 14 |
| 001675 | ELGIN COMMUNITY COLLEGE | ELGIN | 14 |
| T01676 | ELMHURST COLLEGE | ELMHURST | 14 |
| 001677 | ermaus bible sch | OAK PARK | 14 |
| 701678 | EUREKA COLLEGE | EUREKA | 14 |
| 001681 | HIGHLAND COMMUNITY COLL | FREEPORT | 14 |
| 001684 | greenville clg | GREENVILLE | 14 |
| 201688 | ILLINOIS CLG | JACKSONVILLE | 14 |
| 201689 | ILL COLL OF OPTOMETRY | CHICAGO | 14 |
| 001690 | IL. College of podiatry | CHICAGO | 14 |
| 001691 | ILLINOIS INST OF TECH | CHICAGO | 14 |
| 001692 | ILLINOIS ST UNJ | NORMAL | 14 |
| 9C1693 | NORTHEASTERN U | CHICAGO | 14 |
| 001694 | CHICAGO STATE COLLEGE | CHICAGO | 14 |
| 001696 | IL WESLEYAN U. | BLOOMINGTON | 14 |
| . 016169 | JOHN MARSHALL LAW SCH | CHICAGO | 14 |
| r91699 | JOLIET JR COLL | JOLIET | 14 |
| 221700 | JUDSON | CHICAGO | 14 |
| 101701 | kaskaskia college | CENTRALIA | 14 |
| 001703 | KENDALL COLLEGE | EVANSTON | 14 |
| 001764 | KNOX COLLEGE | GALESBURG | 14 |
| 201705 | ILLINOIS VALLEY COMM | OGLESBY | 14 |
| 101706 | LaKE forest college | LAKE FOREST | 14 |
| 901707 | LEWIS UNIV | LOCKPORT | 14 |
| 601708 | Lincoln service | LINCOLN | 14 |
| 001709 | LINCOLN COLLEGE | LINCOLN | 14 |
| 001710 | Loyola university | Chicago | 14 |
| 001712 | LUTHERAN SCHOOL OF THEOLG | CHICAGO | 14 |
| 001716 | MAC CORMAC JR. COLLEGE | CHICAGO | 14 |
| 001717 | mac murray cle | Jacksonville | 14 |
| 601722 | MCKENDRE CLG | LEBANON | 14 |
| 0.101724 | MILLIKIN UNIV | DECATUR | 14 |
| 002725 | MONMOUTH COLLEGE | MONMOUTH | 14 |
| 001727 | modor bible institute | Chicago | 14 |
| 001728 | MORTON COLLEGE | CICERO | 14 |
| 001731 | MUNDELEIN COL | CHICAGO | 14 |
| c) 1732 | NATIONAL COL CF CHIRCPRAC | Lomeard | 14 |
| 201733 | NATIONAL COL ED | EVANSTON | 14 |
| 001735 | NORTH PARK Clig | chicago | 14 |
| 001737 | NOHTHERN ILL UNIV | dekalb | 14 |
| 0.91739 | NORTHUESTERN UNIV | EVANSTON | 14 |
| 001740 | NORTHWESTERN LNIVERSITY | CHICAGO | 14 |
| 001741 | olivet nazarene | kankakee | 14 |
| 001745 | QUINCY COLLEGE | QUINCY | 14 |
| 001746 | ROBERT MORRIS CL | CARTHAGE | 14 |
| 301747 | nock valley college | ROCKFORD | 14 |
| CO174B | ROCKFORD COLL | ROCKFORD | 14 |
| 001749 | roosevelt university | CHICAGO | 14 |


| flce | SCHEOL | CITY | St |
| :---: | :---: | :---: | :---: |
| 001843 | VINCENNES UNIV | VINCENNES | 5 |
| 001844 | WABASH COLLEGE | CRAWFORDSVILLE | 15 |
| 101845 | DES MOINES AREA COMM | BOONE | 16 |
| 001847 | buena vista chllege | STORM LAKE | 16 |
| 601848 | SOUTHEAST IOWA | RURLINGTON | 16 |
| CO1849 | INDIAN HILL COLL | CENTERVILLE | 16 |
| 001850 | central college | Prela | 6 |
| 301852 | clark college | oubugue | 16 |
| 001853 | CLINTON COM COL | CLINTON | 16 |
| C31854 | COE COLLEGE | CEDAR RAPIOS | 16 |
| U01855 | COLL OSTEOPATHIC MEDSSURG | des moines | 16 |
| 001856 | CORNELL COLLEGE | MT VERNON | 16 |
| 001859 | DOROT COLLEGE | SIOUX CENTER | 16 |
| ACI 860 | DRAKE UNIV | DES MOINES | 16 |
| 301862 | ELLSWORTH COMM CLG | I OWA FALLS | 16 |
| 601865 | IOMA CTRL COMM C | FORT DODGE | 16 |
| 001866 | GRACELAND CLG | LAMONI | 16 |
| 041867 | GRANOVIEH CO | DES MOINES | 16 |
| 001868 | GRINNELL COLLEGE | GRINNELL | 16 |
| 001869 | IOWA STATE UNIV | AMES | 16 |
| 001871 | IOYA WESLEYAN | mt pleasant | 16 |
| C01874 | LUTHER COL | DECORAH | 16 |
| 001877 | n IOWA AREA CCMmun cl | MASON CITY | 16 |
| 001879 | MORNINGSIOE COL | SIOUX CITY | 16 |
| J01880 | MOUNT MERCY CCLLEGE | CEDAR RAPIDS | 16 |
| 901884 | OTTUMWA HEIGHTS COLLEGE | OTtumba | 16 |
| CC1885 | PALMER COLLEGE | DAVENPORT | 16 |
| 001886 | PARSONS COLLEEE | falrfielo | 16 |
| c01887 | SIMPSON COLLEGE | INDIANOLA | 16 |
| 0101889 | St AMbrose | DAVENPORT | 16 |
| 601890 | UNIV OF NORTH IOUA | CEDAR FALLS | 16 |
| 101891 | UNIV OF dubuque theologi | oubugue | 16 |
| 001892 | UNIV OF IOUA | IOWA CITY | 16 |
| 001893 | UPPER IOUA COLLEGE | FAYETTE | 16 |
| 201894 | vennard college | UNIVERSITY PARK | 16 |
| 001895 | WALDORF COLLEGE | FOREST CITY | 16 |
| f0 1896 | vartburg college | haverly | 16 |
| 301960 | UILLIAM PENN | oskaloosa | 16 |
| 001982 | COULEY COUNT COM JR C | ARKANSAS CITY | 17 |
| 501993 | BAKER UNIVERSITY | BALDIN | 17 |
| 001904 | gethany college | LINOSBORG | 17 |
| 001965 | BETHEL COLLEGE | NORTH NEWTON | 17 |
| 001906 | BUTLER COUNTY COMM COLL | EL DORADO | 17 |
| 001910 | COFFEYYILLE COM COL | COFFEYVILLE | 17 |
| 201911 | cols y community college | COLEY | 17 |
| cos915 | FT HAYS KS ST C | HAYS | 17 |
| 002916 | FORT SCOTT JUAIOR COLLEGE | FORT SCOTT | 17 |
| 001918 | FRIENDS UNIV | WICHITA | 17 |
| 201919 | GARDEN CITY COM | GARDEN CITY | 17 |
| 001920 | hesston college | HESSTON | 17 |
| C01921 | HIGHLAND COMM JR CLG | highland | 17 |
| 001923 | HUTCHINSON J C | HUTCHINSON | 17 |
| 001924 | INDEPENDENCE JR COL | 1 INDEPENDENCE | 17 |
| CO1925 | KANSAS CITY COMM JR C | KANSAS CITY | 17 |
| 001926 | kansas stape college | PItisburg | 17 |
| 001927 | EMPORIA KANSAS ST COL | EMPORIA | 17 |


| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 001928 | kansas state univ | MANHATTAN | 17 |
| 001932 | MARYMOUNT COLLEGE | SALINA | 17 |
| 001933 | MCFHERSON COL | MCPHERSON | 17 |
| 901939 | kansas newman college | WICHITA | 17 |
| 001940 | SOUTHWESTERN COLLEGE | WINFIELD | 17 |
| CO1942 | SAINT JOHN-S COLLEGE | UINFIELO | 17 |
| 001945 | SAINT MARY'S | Leavenhorth | 17 |
| 0.31946 | tabor college | HILLSBORO | 17 |
| C01948 | UNIV KANSAS | LAURENCE | 17 |
| 001949 | WASHEURN | TOPEKA | 17 |
| CO1950 | WICHITA State | WICHITA | 17 |
| 301951 | ALICE LLOYD COL | PIPPA PASSES | 18 |
| 001952 | ASBUPY COLLEGE | UILMORE | 19 |
| 031953 | asbury theological sem | WILMORE | 18 |
| 001954 | RELLARMINE CLG | Louisville | 18 |
| 001955 | berra college | HEREA | 18 |
| 001959 | campeellsville co | CAMPBELLSVILLE | 18 |
| 001960 | SPALDING COLLEGE | LOUISVILLE | 18 |
| 001961 | CENTRE COL OF KY | DANVILLE | 1 H |
| n91962 | cumberland coll | WILLIAMSBURG | 18 |
| 001963 | EASTEAN KY UNIV | RICHMOND | 18 |
| 001964 | GEORGE TOUN COLLEGE | GE ORGETOUN | 18 |
| 301966 | ky mountain oible inst | VAN CLEAVE | 18 |
| 0 O1968 | KENTUCKY STATE UNIVERSITY | FRANKFORT | 18 |
| 0 C 1969 | KENTUCKY WESLEYAN COL | OWENSBORO | 18 |
| 001972 | LINDSEY UILSON | COLUMBIA | 18 |
| 601975 | MIDNAY JR CLG | MIDVAY | 1 H |
| 001976 | MOREHEAD ST UNI | Morehead | 18 |
| 901977 | MURRAY STATE UNIV | MURRAY | 18 |
| 001981 | SOU EAST CMRISTIAN CO | WINCHESTER | 18 |
| 001982 | SOUTHERN BAPTIST THEOLOG | LOUISVILLE | 18 |
| 001987 | TRANSYLVANIA U | LEXINGTON | 1 A |
| 001988 | UNION COLLEGE | GARGOURVILLE | 18 |
| 001989 | U OF KENTUCKY | LEXINGTON | 18 |
| 001991 | ELIZAEETHTOWN COMM CLG | ELIZABETHTOWN | 1 A |
| 001993 | HENDERSON VOC ED | HENOERSON | 1 H |
| 001997 | SOMERSET COMM COL | SOMERSET | 18 |
| 001998 | SOUTHEAST COMM | CUMBERLAND | 18 |
| 001999 | UNIV OF LOUISVILLE | LOUISVILLE | 18 |
| 002001 | thomas more col. | FT. MITCHELL | 18 |
| 002002 | WESTERN KY UNIV | BOWLING GREEN | 18 |
| 002003 | CENTENARY CO | SHREVEPORT | 19 |
| 002004 | OILIARD UNIV | NEW ORLEANS | 19 |
| 002005 | NICHOLLS STATE UNIV | THIGOOAUX | 10 |
| 002006 | grambling college | GRAMBLING | 19 |
| 002037 | louisiana college | pineville | 19 |
| 002008 | la tech | RUSTON | 19 |
| 00201 : | LOUISANA ST UNI | BATON ROUGE | 19 |
| 002011 | louisiana state univ | ALEXANDRIA | 19 |
| 002012 | LOUISIANA St U | EUNICE | 19 |
| 002013 | LOUISIANA ST UNIV | SHREVEPORT | 19 |
| 002014 | LouIsiana state univ | NEW ORLEANS | 19 |
| 002015 | UNIVERSITY OF NEH ORLEANS | NEW ORLEANS | 19 |
| 002016 | LOYOLA UNIV. SCH. Of LAy | NEU ORLEANS | 19 |
| 902017 | mCNEESE St U | LAKE CHARLES | 19 |
| 002019 | BAPTIST THEOLOGICAL SEMIN | ney orleans | 19 |

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NATCHITOCHES
NEW ORLEANS
HAMMONO
NEW ORLEANS
NEW ORLEANS
NEW ORLEANS
LAFAYETTE
NEH ORLEANS PRESQUE ISLE AUBURN
LEHISTON
GRUNSTON
BRUNSWICK
FARMINGTON
FARMINGTON
FORT KENT
FORT KEN
GORTAM
CASTINE
CASTINE
SPRINGYALE
BANGOR
HOULTON
BIDOEFORD
NORTH WINDHAM
waterville
ORONO
MACHIAS
PORTLANO
CUMBERLAND
AFNOLO
BALTIMORE
BOWIE
CATONSVILLE
LAPLATA
BALTIMORE BALTIMORE BALTIMORE BALTIMORE FROSTBURG FROSTBU TOUSON HAGERSTOUN BEL AIR GREDERICK GALTIMARE GALTIMORE
BALTIMORE
TAKOMA PARK ROCKVILLE BALTIMORE EMMITSEURG BALTIMORE LARGO SALISRURY ANNAPOLIS
ST MARY-S
TOUSON

02021 NORTWHESTERN ST UNIV CO2g23 OUR LADY OF HOLY CROSS 0024 SOUTHEASTERN LA UNI
02028 STHERN UNIV
02029 TULANE UNIVERSITY
02031 UNIV OF S W LOUISIANA
02032 XAVIER UNIVERSITY
02033 UNIV OF MAINE
002036 BATES COLLEGE
02038 EOWDOIN CLG
02039 COLEY COLLEGE
02040 UNIVERSITY OF MAINE
O2042 GORHAM COLLE
002043 HUSSON COLLEGE
002044 ME MARITIME ACA
02045 NASSON COLLEGE
CO2048 RICKER COLLEGE
002050 ST FRANCIS COLLEGE 002051 ST JOSEPHS CLG 02052 THOMAS COLLEGE
co2055 UNIV OF MAINE
002056 WESTRROOX COLLEGE
02057 ALLEGANY COUNTY VOC TECH 02058 ANNE ARUNDEL COMM 02061 COMM CLG OF BALTIMORE 02062 BOWIE STATE CCLLEG 02063 CATONSVILLE COM 02064 CHARLES COUNTY COM COL 02065 COLLEGE OF NOTRE DAME 02066 COPPIN STATE COLLEGE 02070 ESSEX COMMUN CO 002072 fROSTRURG STATE CLG 02073 GOUCHER
02074 HAGERSTOWN JR COLLEGE 002075 HARTFORD COMML'NITY CG 002076 HOOO COLLEGE
02077 JOHNS HOPKINS
02078 LOYOLA COLL
UU2980 MO INST CLG ART
O2 81 MONTGOMERY COLLEGE 02083 MORGAN ST COLL
CO2086 MOUNT SAINT MARYOS COLL 02068 PEABOOY MUSIC C
002089 PRINCE GEO C CL
C02091 SALISRURY STATE COLLEGE 002392 SAINT JOHN'S COLLEGE
02095 ST MARY'S COLLG
CO2499 TOUSON STATE C

002161 MAVAL ACAOEMY 002102 UNIV BALTIMORE Ot2103 UNIVERSITY OF MARYLAND 002104 U OF MD PROF SCHOOLS 002105 UNIV OF MD-BALT 002106 OF MD EASTEAN SHORE 002109 WESTERN MO CLG
gO21:4 AMERIC INTERNATIONAL COLL 002115 AMHERST CLG OC2117 ANNA MARIA COL NO2118 ASSUMPTION CLG 002120 merrimack college 002121 BABSON COLLEGE 002123 AECKER JR COLLE 002124 BENTEEY COLLEGE 002126 HERKLEE SCH OF MUSIC 002127 RERKSHIRE CHRIS 002128 BOSTON COLLEGE 002129 ROSTON CONSERV OF MUS OC2130 BOSTON UNIVERSITY 002132 BRADFORD JR CLG 002133 GRANDEIS UNIV 002136 GRAHM JR COLLEGE 002137 CARDINAL CUSHIN T02138 CHAMBERLAYNE JR COL 002139 CLARK UNIV OE2140 C OF OUR LADY OF ELMS 002141 CLG HOLY CROSS
OC2143 CURRY COLLEGE
002144 DEAN JR COL
012145 E NAZARENE CLG
002147 EMERANUEL COLLEGE
OC2148 ENDICOTT JR CLG
002150 FISHER JR CLG
GO2151 FRANKLIN INSTITUTE
002153 GORDON COLLEGE
002155 HARVARD U SUMMER SC
SO2159 LETCESTER JR COLIEGE
302159 LEICESTER JR COLLEGE
02160 LESLEY COLLEGE
002165 MASSACHUSETTS
002167 MASSACHUSEITS COL OF PHAR
002167 GERKSHIRE COMM C
002168 CAPE COD COMH COLLEGE
02169 GREENFIELD COHM
302170 HOLYOKE COMM CO
092171 MASS EAY COMM COLLEGE
OO2172 MOUNT WACHUSETT COM. COL.
0.2173 NORTH SHORE COMM COLG

CU2174 NORTHERN ESSEX COMM. CLG.
CO2175 GUINSIGAMONO C C
02176 ERISTOL COMM
0.72177 MASSASOIT COMM
702.178 RA INST OF TECHNOLOGY

OG218L MASS COL OF ART
CO2.181 MA MARITIME ACA

ANNAPOLIS
BALTIMORE
COLLEGE PaRK
BALTIMORE
BALTIMORE
PRINCESS ANNE
WESTMINSTER
SPRINGFIELO
AMHERST
PAXTON
WGRCESTER
NORTH ANOOVER
WELLESLEY HELLESLEY HORCESTE
BOSTON

- ENOX

CHESTNUT HILL
CHESTNU
BOSTON
BRADFORD
WALTHAM
BOSTON
BRIGHTON
BOSTON
HORCESTER
CHICOPEE
HORCESTER
MILTON
FRANKLIN
QUINCY
BOSTON
BOSTON
BEVERLY
BOSTON
BOSTON
BOSTON
CAMBRIDGE
CAMBRIDGE
LEICESTER lowell HOSTON
PITTSFIELO

- barnstable

GREENFIELD
HOLYOKE
WATERTOHN
GARDNER REVERLY HAVERHILL WORCESTER FALL RIVER BROCKTON
CAMERIOGE
BOSTON
GUZZARDS BAY

| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 002182 | BOSTON STATE COLLEGE | BOSTON | 22 |
| 002183 | griogewater state college | BRIUGEUATER | 22 |
| C02184 | FITCHBURG ST | FItCHBURG | 22 |
| ¢02185 | FRAMINGHAM STATE | FRAMINGHAM | 22 |
| 002186 | LOWELL State co | LOWELL | 22 |
| 002187 | NORTH ADAMS ST COLLGE | NORTH ADAMS | 22 |
| 002188 | SALEM STATE UNIVERSITY | SALEM | 22 |
| 002189 | WESTFIELD St Cl | UESTFIELD | 22 |
| 002190 | UORCESTER STATE COLL | WORCESTER | 22 |
| 502192 | MOUNT HOL YOKE COLLEGE | S hadley | 22 |
| 302193 | MOUNT IDA | NEWTON CENTRE | 22 |
| cte 194 | NEV ENGLAND CONSERV MUSIC | BOSTON | 22 |
| C02195 | NEUTON COLLEGE | NEWTON | 22 |
| 202197 | NiChOLS COLLEGE | DUDLEY | 22 |
| C02199 | NORTHEASTERN UN | BOSTON | 22 |
| co22t1 | PINE MANOR JR C | ECSTON | 22 |
| r.02205 | QUINCY JR CLG | QUINCY | 22 |
| C02 206 | REGIS COLLEGE | WESTON | 22 |
| CO2208 | SIMMONS COLLEGE | BOSTON | 22 |
| $0022 \mathrm{C9}$ | SMITH COLLEGE | NOR THAMPTON | 22 |
| CG2210 | southeast ma univ | N DARTMOUTH | 22 |
| 002211 | SPRINGFIELO CLG | SPRINGFIELD | 22 |
| 002217 | STONEHILL CLG | NORTH EASTON | 22 |
| 002218 | SUFFOLK UNIVERSITY | BOSTON | 22 |
| 902219 | TUFTS UNIVERSITY | MEOFORD | 22 |
| C02220 | JACKSON | MEDFORD | 22 |
| 002221 | UNIVERSITY OF MASS | AMHERST | 22 |
| 902222 | UNIV OF MASS | BOSTON. | 22 |
| 002223 | StOCKBRIOGE | AMHERS $T$ | 22 |
| T02224 | Wellestey college | WELLESLEY | 22 |
| 002225 | WENTHORTH INS T | EOSTON | 22 |
| 002226 | WSTN NEW ENGLANO COLL | SPRINGFIELD | 22 |
| 002227 | WHEATON COLLEGE | NORTON | 22 |
| 002228 | Wheelock college | BOSTON | 22 |
| T02229 | WILLIAMS CLG | WILLIAMSTOWN | 22 |
| 002232 | WORCESTER JR COLLEG | UORCESTER | 22 |
| 002233 | WORCESTER POLYTECH IN | WORCESTER | 22 |
| 102234 | ADRIAN COLLEGE | AORIAN | 23 |
| 002235 | ALEION COL | ALAION | 23 |
| 002236 | alma cle | ALMA | 23 |
| 002237 | ALPENA COMM CCL | ALPENA | 23 |
| 702238 | ANOREWS UNIV | BEPRIEN SPRINGS | 23 |
| 002239 | a duinas college | GRATO RAPIDS | 23 |
| 002240 | bay de noc comm | ESCANABA | 23 |
| S02241 | CALVIN COLLEGE | GRANO RAPIDS | 23 |
| 502242 | CALVIN COLL AND SEMINARY | GRAND RAPIOS | 23 |
| 002243 | CENTRAL MICH LiN | mt pleasant | 23 |
| 0.02246 | CLEARY COLLEGE | YPSILANTI | 23 |
| 002247 | CONCORDIA LUTHERAN JC | ANN AREOR | 23 |
| 002248 | CRANEROOK ACADEMY OF ART | 日lcomfield hill | 23 |
| 002249 | DAYENPORT RUS COLL | GRAND RAPIDS | 23 |
| 002251 | DELTA COLLEGE | UNIVERSITY CTP | 23 |
| 002253 | DETAOIT CLG Of Bus | DEARBORN | 23 |
| C02254 | DETROIT COLLEGE OF LAW | DETROIT | 23 |
| 302259 | EASTERN MICHIGAN UNIV | YPSILANTI | 23 |
| 002260 | FERRIS STATE COLLEGE | BIG RAPIDS | 23 |


| FICE | SCHOOL | CITY | $T$ |
| :---: | :---: | :---: | :---: |
| 002261 | Mott community college | FLINT | 23 |
| 002262 | GENL MOTORS INS | FLINT | 23 |
| 012264 | gogebic coimmeity col | IRONWOOD | 23 |
| 002266 | GRAND RAPIDS BAPTIST | GRAND RAPIDS | 23 |
| 002267 | GRANO RAPIDS JR COL | GRAND RAPIOS | 23 |
| 302268 | GRANO VALLEY ST CLG | Allendale | 23 |
| 902270 | HENRY FORD COMM CLG | DEARBORN | 23 |
| 002271 | HIGHLANO PARK COM COL | highland park | 23 |
| 002272 | hillsoale clg | hillsdale | 23 |
| 002273 | Hope COLLEGE | MOLLANO | 23 |
| 002274 | JaCkson com college | JACKSON | 23 |
| 002275 | KALAMAZOO CLG | KALAMAZOO | 23 |
| 002276 | KELLOGG COMM COLL | BATILE CREEK | 23 |
| 002277 | LAKE MICHIGAN C | BENTON HAREOR | 23 |
| 002278 | LANSING COMMUNITY COLLEGE | LANSING | 23 |
| $00227^{\circ}$ | LAWRENCE INST. Of TECH. | SOUTHFIELD | 23 |
| 002282 | MADONNA COLLEGE | LIVONIA | 23 |
| nc2284 | MARYGROVE COLLEGE | DETROIT | 23 |
| 032286 | MERCY COLLEGE | DETROIT | 23 |
| 0 O 2288 | MICHIGAN CHRISTIAN CLG | ROCHESTER | 23 |
| 002289 | SHAW COLLEGE | DETROIT | 23 |
| 332293 | MICHIGAN STATE UNIVEASITY | EAST LANSING | 23 |
| 032292 | MICH TECMNOLOGICAL SC | HOUGHTON | 23 |
| 032293 | LAKE SUPERIOR STATE C | SAULT St Marie | 23 |
| 002294 | MONROE COMM CLG | MONROE | 23 |
| 002295 | Montcalm cohmunity C | SIDNEY | 23 |
| 002298 | NAZARETH CLG | KALAMAZOO | 23 |
| 002299 | NORTH CENTRAL MICHIGAN CO | PETOSKEY | 23 |
| 002301 | N MICHIGAN UNIV | marguette | 23 |
| 002302 | NORTHLESTERN CO | traverse city | 23 |
| $3023 C 4$ | OAKLAND COMM | AUBURN HGIS | 23 |
| 002305 | OAKLAND COMMUNITY COLLEGE | UNION LAKE | 23 |
| 002306 | OAKLAND COM CLG | FARMINGTON | 23 |
| 002367 | OAKLAND UNIVERSITY | ROCHESTER | 23 |
| $0023{ }^{\text {c }}$ | OLIVET COLLEGE | OLIVET | 23 |
| 002310 | st clair co comm CG | PORT HURON | 23 |
| 052314 | saganan valley stecollege | UNIV. CENTER | 23 |
| 032315 | SCHOOLCRAFT CLG | LIVONIA | 23 |
| 002316 | SIENNA HEIGHTS COLLEGE | ADRIAR | 23 |
| 002317 | SOUTHUESTERN MICH | DOWAGIAC | 23 |
| 002318 | SPRING ARGOR COLLEGE | SPRING ARHOR | 23 |
| 002323 | UNIV OF DETROIT | DETROIT | 23 |
| 20.2326 | U OF MICHIGAN | DEARBORN | 23 |
| 002327 | UNIVERSITY OF MICHIGAN | FLINT | 23 |
| CC2328 | WASHTENAU COM | ANN ARBOR | 23 |
| OC2329 | UAYNE ST UNIV | DETROIT | 23 |
| 302330 | UESTERN MICHIGAN UNIV. | KALAMAZOO | 23 |
| ) 02332 | ANOKA-PAMSEY ST JR CO | COON RAPIDS | 24 |
| 002333 | TRF AREA VOC TECH SCH | THIEF RIVER FLS | 24 |
| C02334 | AUGSRURG COLLEGE | MIPNEAPOLIS | 24 |
| 002336 | DEMIDJI STATE UNIVERSITY | bemiodi | 24 |
| [52339 | trainero | BRAINERD | 24 |
| 002340 | CARLETON COLLEGE | NORTHFIELD | 24 |
| $9 \times 2341$ | ST HENEDICTS | ST. JOSEPH | 24 |
| 002342 | CLG OF St CATHERINE | SI PAUL | 24 |
| 352343 | CLG. Of ST. SCHOLASIICA | DULUTH | 24 |


| FICE | SCHOOL | CITY | S |
| :---: | :---: | :---: | :---: |
| 002344 | CLG St teresa | WINONA | 24 |
| 002345 | COLL. OF ST. THOMAS | ST. PAUL | 24 |
| 002346 | CONCORDIA COLLEGE | MOORHEAD | 24 |
| 002347 | CONCORDIA COL | St PAUL | 24 |
| 002350 | VERMILLION COYUNITY COLL. | ELY | 24 |
| 002352 | FERGUS FALLS JC | FERGUS FALLS | 24 |
| 002353 | GUSTAVUS ADOL PHU | St PETER | 24 |
| 002354 | HAMLINE UNIV | St PaUL | 24 |
| C02356 | ItHACA JR COL | GRANO RAPIOS | 24 |
| 002357 | LUTHER THEOLOGICAL SEM. | St. PAUL | 24 |
| 602358 | macalester col | St PAUL | 24 |
| C02359 | UNIV OF MN COLL OF L/ARTS | MINMEAPOLIS | 24 |
| 002360 | mankato state university | mankato | 24 |
| 002362 | metropolitan comm college | MINNEAPOLIS | 24 |
| 002365 | MINN COLL OF ART/DESIGN | MINNEAPOLIS | 24 |
| 002367 | moorhead state | MOORHEAO | 24 |
| 002368 | HOUNDS-MIDWAY SC | St PaUl | 24 |
| 002369 | N CENTRAL BIGLE CLG | MINNEAPOLIS | 24 |
| 002370 | HENNEPIN TEC CENTER | EROOKLYN PARK | 24 |
| 002371 | NORTHHESTERN COLLEGE | ROSEVILLE | 24 |
| 032372 | NWTN FIBLE COLL | St PaUl | 24 |
| 002373 | ROCHESTER COMN COL | ROCHESTER | 24 |
| C02375 | SW MARSHALL ST C | marshall | 24 |
| C02377 | SAINT CLOUD S U | SAINT CLOUD | 24 |
| 102379 | ST JOHNS UNIV | collegeville | 24 |
| C02380 | St maryes college | WINONA | 24 |
| 002381 | St marys jr ccllege | MINNEAPOLIS | 24 |
| C02382 | SAINT OLAF COL | NORTHFIELD | 24 |
| 602383 | St PaUl Biale C | St PaUl | 24 |
| 302385 | NORTHLAND COMMUNITY COLL | thief river fls | 24 |
| 002388 | UNIV OF MINNESOTA | DULUTH | 24 |
| 002389 | UNIV OF MINNESOTA | MCRRIS | 24 |
| 002391 | WILLIAM MITCHELL COLL LAW | St PAUL | 24 |
| 002394 | WINONA ST COLl | HINONA | 24 |
| 502395 | WORTt St JR CCL | UORTHIHGTON | 24 |
| 0.02396 | ALCORN STATE UNIVERSITY | LORMAN | 25 |
| 002397 | belhaven college | JACKSON | 25 |
| 002358 | blue hountain | blue mountain | 25 |
| 3024 co | Clarke mem coll | NEHTON | 25 |
| 3024 C1 | COAHOMA JR COLLEGE | CLARKSDALE | 25 |
| $0024 \mathrm{C2}$ | COPIAH-LINCOLN JR COL | UESSON | 25 |
| 002403 | delta state | clevelano | 25 |
| 002404 | EAST CENTRAL JUNIDR C | OECATUR | 25 |
| 0024 cs | EAST MISSISSIPPI JR COLL | SCOOBA | 25 |
| C024c7 | HINOS J C | RAYMONO | 25 |
| 002408 | HOMES JR COLLEG | goouman | 25 |
| C02409 | ITAHAMBA JUNIOR COLLEGE | FULTON | 25 |
| 002410 | Jackson state university | JACKSON | 25 |
| 002411 | James Jr colleg | ELLISVILLE | 25 |
| 002412 | MARY HOLMES | WEST POINT | 25 |
| 002413 | meridian jr college | MEHIDIAN | 25 |
| 002414 | Millsaps colleg | JACKSON | 25 |
| 002415 | MISSISSIPPI COLLEGE | CLINTON | 25 |
| 002416 | miss nelta colle | moorthead | 25 |
| 002418 | JACKSON COUNTY JF.cOLLEGE | gautier | 25 |
| 002419 | MISS GULF JEFF DAVIS J C | GULFPORT | 25 |


| FICE | SCHOOL | CITY | T |
| :---: | :---: | :---: | :---: |
| 002420 | MISS GULF COAST | PERKINSTON | 25 |
| 002422 | MISS ST CO FOR HOMEN | columbus | 5 |
| 002423 | MISSISSIPPI STATE UNIV. | Starkville | 25 |
| 082424 | miss valley St colg | ITTA BENA | 5 |
| 002426 | NORTHEAST MISS JR COL | BOONEVILLE | 25 |
| 0 CO 427 | NORTHWEST JR. COLLEGE | SENATORIA | 25 |
| CC2430 | FEARL RIYER JR CLG | POPLARVILLE | 25 |
| 002433 | RUST COLLEGE | HOLLY SPRINGS | 25 |
| 092437 | ST DOMINICS MEMORIAL HOSP | Jackson | 25 |
| 002439 | TOUGAL00 COLLEGE | TOUGAL00 | 25 |
| 002440 | UNIVERSITY OF MISSISSIPPI | UNIVERSITY | 25 |
| 002441 | UNIV. OF SOUTH*N MISSISSI | hatiteshuag | 25 |
| -32442 | UNIVERSITY MEDICAL CENTEA | JACKSON | 25 |
| 002444 | UNIV OF SOUTHERN MISS | NATCHEZ | 25 |
| 002445 | UTICA JUNIOR COLLEGE | UTICA | 25 |
| 002447 | hilliam carey college | hattieseurg | 25 |
| 002448 | HOOO JR COLLEGE | MATHISTON | 25 |
| 0 C 2450 | calvary elble Cl | KANSAS CITY | 26 |
| 002452 | central bible C | SPRINGFIELD | 26 |
| 002453 | CENTRAL METHODIST CO | FAYETE | 26 |
| 352454 | CENTRAL MISSOURI STATE UN | UARRENSEURG | 26 |
| c02455 | STANDARO TECH INST | KANSAS CITY | 26 |
| 002456 | colombia college | columbia | 26 |
| OC 2457 | CONCORDIA SEMINARY | ST. LOUIS | 26 |
| 002458 | cottr college | NEVAOA | 26 |
| 002459 | crowder college | NEOSHO | 26 |
| 002460 | CULVER-STOCKTON | CANTON | 26 |
| 002461 | orury collcge | SPRINGFIELD | 26 |
| $0 ¢ 2463$ | evangel college | SPRINGFIELD | 26 |
| 002465 | MISSOURI BAPTIST SCH. | St.LOUIS | 26 |
| c02466 | harris teachers clg | St Louis | 26 |
| 002469 | St LoUIS COMM COLLEGE | FERGUSON | 26 |
| 062470 | FLORISSANT VLY C | St Louis | 26 |
| OC2471 | FOREST PARK COMM CO | ST LOUIS | 26 |
| C02472 | merrimac comm college | KIRKW000 | 26 |
| 902473 | KANSAS CITY ART INST | KANSAS CITY | 26 |
| 002474 | KANSAS CITY COL OF MED | KANSAS CITY | 26 |
| 002477 | KIRKSVILLE COLLEGE MED | KIRKSVILLE | 26 |
| 302479 | LINCOLN UNIVERSITY | JLFFERSON CITY | $\hat{6}$ |
| 0024810 | Lindenyood college | St CHARLES | 26 |
| C 62482 | maryville college | St Loujs | 26 |
| 002484 | PENN VALLEY COM COL | KANSAS CITY | 26 |
| 002488 | MISSOURI SOUTHERN ST COLL | JOPLIN | 26 |
| OC2489 | MISSOURI VALLEY | MARSHALL | 26 |
| 302493 | MiSSOURI WEST ST COLLEGE | ST JOSEPH | 26 |
| 032491 | MOBERLY ARCA JR. COLLEGE | MOPERLY | 26 |
| 002494 | NAZARENE THEOLOGICAL SCH | KANSAS CITY | 2if |
| 302495 | NORTHEAST MS.STATE UNIV. | KIRKSVILLE | 26 |
| 302406 | MORTHWEST MISSOURI ST UNI | maryville | 26 |
| T 52498 | FARK COLLEGE | PARKSVILLC | 26 |
| 962499 | ROCKHURSY COLLEGE | KANSAS CITY | 26 |
| 302500 | SCH OF OZARKS | PT LOOkOUT | 26 |
| 902501 | SOUTHEAST MO. STATE. UNIV. | CAPE GIRARDEAU | 26 |
| 002502 | SOUTHUES $\dagger$ BAPTIST | BOLIVAR | 26 |
| 302503 | SOUTHEEST MO. STATE UNIV | SPRINGFIELD | 26 |
| 302564 | ST LOUIS CLG OF PHARM | St Louis | 76 |


| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 602506 | ST. LOUIS LAW SCHOOL | ST. LOUIS | 26 |
| 002507 | St Maryes COLLEGE | O*FALLON | 26 |
| 0.02512 | STEPHENS CLG | COLUMBIA | 26 |
| 302514 | TRENTON JUNIOR COLLEG | TRENTON | 26 |
| ¢02516 | UNIV OF MISSOLRI | COLUMBIA | 26 |
| 002517 | UNIV OF MISSOURI | ROLLA | 26 |
| 002518 | UNIVERSITY OF HISSOURI | KANSAS CITY | 26 |
| 602519 | UNIV MISSOURI | St LOUIS | 26 |
| 002520 | WASHINGTON U | St LOUIS | 26 |
| 002521 | WEBSTER COLLEGE | St LOUIS | 26 |
| 602523 | WESTMINSTER CCL | FULTON | 26 |
| 002524 | uh Jewell college | LIbERTY | 26 |
| 002525 | WILLIAM YOODS | FULTON | 26 |
| 002526 | CARROLL COLLEGE | HELENA | 27 |
| 102527 | COLLEGE OF GREAT FALLS | GREAT FALLS | 27 |
| 002529 | DAWSON JR. COLLEGE | GLENDALE | 27 |
| 002530 | EASTERN MONT COLLEGE | BILLINGS | 27 |
| U02531 | montana tech | BUTTE | 27 |
| 002532 | MONTANA ST UNIV | BOZEMAN | 27 |
| 002533 | N MONTANA CLG | HAVRE | 27 |
| 002534 | ROCKY MOUNTAIA COL | BILLINGS | 27 |
| 202535 | St Patrick hospital sch | Missoula | 27 |
| 602536 | UNIV MONTANA | Missoula | 27 |
| 202537 | HESTERN | DILLON | 27 |
| 002539 | Chadron state college | CHADRON | 28 |
| 002540 | COLLEGE GF St mary | OPA AHA | 28 |
| 002541 | CONCORDIA TEACH | SEWARD | 28 |
| 002542 | CREIGHTON UNIVERSITY | OMAMA | 28 |
| 002544 | DOANE COLLEGE | CAETE | 28 |
| 002545 | duscene acadeny | OMAHA | 28 |
| 002546 | SE NEBRASK TECH COM C | FAIRBURY | 28 |
| c02547 | grace bible inst | OMAHA | 28 |
| 302548 | hasting college | HASTINGS | 28 |
| 002550 | JCHN F KENNEDY | WAFCO | 28 |
| 202551 | KEARNEY STATE CL | KEARNEY | 28 |
| 302552 | MCCOOK JR COLLEGE | MCCOOK | 28 |
| 002553 | hidland college | FREMONT | 28 |
| $\bigcirc 02554$ | UNIVERSITY OF NEHRASKA | OMAHA | 28 |
| 202555 | NEBRASKA WESLYN | LINCOLN | 28 |
| 202557 | NORTH PLATTE TECH SCH | NORTH PLATTE | 28 |
| 302559 | PERU STATE COLLEGE | PERU | 28 |
| 202565 | UNIV OF NEBRASKA | LJNCOLN | 28 |
| 202566 | HayNE STATE CLG | Wayne | 28 |
| 002567 | YORK COLLEGE | YORK | 28 |
| 002568 | UNIVERSITY OF NEVADA | RENG | 29 |
| 002569 | UNIV OF NEVADA | LAS VEGAS | 25 |
| 032572 | colby college | NEW LONDON | 30 |
| 002573 | OARTMOUTH | HANOVER | 38 |
| 002575 | FRANKLIN PIERCE CLG | RINDGE | 30 |
| 102578 | NATHANIEL HAWTHORNE COL | ANTRIM | 3 C |
| 002579 | NEW ENGLAND CCl | HENNIKER | 3 C |
| 002580 | NEW HAMPSHIRE CL | MANCHESTER | 36 |
| 202581 | N. H. TECHNICAL INST | CONCORO | 30 |
| 602582 | NEW HAMP VOC TECH CLG | MANCHESTER | 30 |
| 002583 | H.H. VOCATIONAL TECH. COL | PORTSMOUTH | 35 |
| 002584 | Notre oame college | MANCHESTER | 30 |


| FICE | SCHOOL | CITY | $T$ |
| :---: | :---: | :---: | :---: |
| 002586 | RIVIER COLLEGE | NASHUA | $3:$ |
| 702587 | St anselms col | MANCHESTER | $3:$ |
| 002589 | UNIV GF N HAMP | OURHAM | " |
| 302590 | keene state clg | KEENE | 3. |
| ¢02501 | PLYMOUTH ST CLG | PLYMOUTH | $3:$ |
| 002593 | ALPMONSUS JR COLLEGE | WOODCLIFF LAKES | 31 |
| 002596 | ATLANTIC COMM COLLEGE | MAYS LANDING | 31 |
| 302597 | ELOOMFIELD CLG | BLOOMFIELO | 31 |
| 032598 | CALOUELL COLLEGE | CALDWELL | 31 |
| 002599 | CENTENARY COL HOMEN | hackettstoun | 31 |
| 002600 | COL OF ST ELIZABETH | CONVENT STATION | 31 |
| 002601 | CUMEERLANO COUNTY COL | VINELANO | 31 |
| 0.32603 | OREW UNIVERSITY | MADISON | 31 |
| 3C2604 | FAIRLEIGH DICKERSON UNIV | RUTHERFORD | 31 |
| 302605 | FAIRLEIGH DICKENSON U | HACKENSACK | 31 |
| 002607 | FAIRLEIGH OICKINSON U | TEANECK | 31 |
| 002608 | GEORGIAN CT CLG | LAKEWOOD | 31 |
| 002609 | gLassboro st u | GLASSBORO | 3: |
| 002610 | FELICIAN COL | LOOI | 31 |
| 002613 | JERSEY CI St CL | JERSEY CITY | 31 |
| 002615 | MIDOLESEX COVNTY COLL | EOISON | 31 |
| 0 C 2616 | MONMOUTH COLLEGE | $W$ LONG BRANCH | 31 |
| 002617 | montclair st co | MONTCLAIR | 31 |
| 002619 | NEW PRUNSWICK | NEW BRUNSWICK | 31 |
| 002626 | N J medical clg | NEHARK | 31 |
| 032621 | NEUARK CLG ENGI | NEWARK | 31 |
| 002622 | NEWARK ST COL | UNION | 31 |
| 002623 | NORTHEASTERN BIBLE CL | ESSEX FELLS | 31 |
| 002624 | OCEAN COUNTY COLLEGE | TOMS RIVER | 31 |
| 002625 | UM PATERSON COL | hayne | 31 |
| 002626 | FRINCETON THEOLOGICAL SEM | PRINCETON | 31 |
| 002627 | PRINCETON UNIV | PRINCETON | 31 |
| 002628 | rider clg | TRENTON | 31 |
| 002630 | DOUGLASS COL | NEW GRUNSWICK | 31 |
| 002631 | RUTGERS'S UNIVERSITY | NEWARK | 31 |
| 002632 | SETON HALL | SOUTH ORANGE | 31 |
| 302638 | St. PEtERS COLLEGE | JERSEY CITY | 31 |
| 002639 | Stevens ins tec | HOROKEN | 31 |
| 002642 | TRENTON STATE COLLEGE | TRENTON | 31 |
| 10264.3 | UNION COLLEGE | CRANFORD | 31 |
| 002644 | upsala college | EAST ORANGE | 31 |
| 002649 | COLLEGE OF SANTA FE | SAMTAFE | 32 |
| 002651 | eastern new mex | PORTALES | 3 ? |
| c02653 | HIGHLANDS UNIV | Las vegas | 32 |
| 002654 | NEW MEXICO INST. OF TECH. | SOCORRO | 32 |
| 002655 | N. MEXICO JR. COLLEGE | HOEBS | 32 |
| 002656 | N MEXICO MILItAR | ROSUELL | 32 |
| 002657 | NEW MEXICO ST UNIV | LAS CRUCES | 32 |
| 002658 | NEW MEXICO STATE UNIV. | ALAMOGGROO | 32 |
| 002659 | NEW MEXICO STATE UNIV. | CARLSBAD | 32 |
| 002661 | E NEW MEXICO UNI | ROSWELL | 3 ? |
| 302664 | HESTERN NEW MEX U | SILVER CITY | 32 |
| 002665 | ACADEMY OF AERONAUTICS | FLUSHING | 33 |
| $0 ¢ 2666$ | ADELPHI UNIV. GRAO. SCH. | GARDEN CITY | 33 |
| 002667 | DODLING COLLEGE | OAKOALE | 33 |
| 002668 | ALFRED UNIVERSI | ALFREO | 33 |


| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 002670 | baptist bible clg | CLARKS SUMMIT | $\pm 9$ |
| 002671 | BARD COLLEGE | ANNANDALE | 33 |
| 002677 | BROOKLYN LAW SCHOOL | BRCOKLYN | 33 |
| 002678 | BRYANT \& STRAT BUS IN | BUFFALO | 33 |
| 002681 | canisius college | BUFFALO | 33 |
| 002686 | CuNy CITY COLLEGE | NEW YORK CITY | 33 |
| 002687 | RROOKLYN COLLEGE | BROOKLYN | 3 3 |
| 002688 | CIIY COL OF N Y UNI | NEW YORK | 33 |
| 002689 | hunter college | NEW YORK ClTY | 33 |
| 062690 | QueENS COLLEGE | FLUSHING | 33 |
| 002691 | MANHTN COMM COL | NEW YORK | 33 |
| 902692 | ARONX COMM COL | NEL YORK | 33 |
| 102693 | JOHN JAY COL CF CRIMI | NEW YORK | 33 |
| 702694 | KINGSQOROUGH COM | GROOKLYN | 33 |
| 002696 | N Y C Com college | BEOOKLYN | 33 |
| 002697 | Que Ensioro con C | NEW YORK | 33 |
| 102698 | STATEN ISLAND | STATEN ISLAND | 33 |
| 002699 | clarkson college | POSTDAM | 33 |
| 0027 Cl | COLGATE U | HAMILTON | 33 |
| 002703 | MT St VINCENT CLG | RIVERDALE | 33 |
| 2027 :4 | COLLEGE OF NEH ROCHELLE | NEY ROCHELLE | 33 |
| 902795 | COLLEGE OF SAINT ROSE | ALBANY | 33 |
| 002797 | COLUMBIA UNIVERSITY | NEW YORK CITY | 33 |
| 302799 | concorvia colleg | BronXVILEE | 33 |
| 602710 | cooper union | NEW YORK CITY | 33 |
| 002711 | CORNELL UN | ITHACA | 33 |
| 002712 | Dorouville clg | BUFFALO | 33 |
| 002713 | DOMINICAN COLLEG | elauvelt | 33 |
| 002717 | Elizabeth setcn collg | YONKERS | 33 |
| C02718 | Elmira college | ELMIRA | 33 |
| 002721 | FINCH COLLEGE | NEW YORK | 33 |
| 562722 | FORDHAM UNIV. | BRONX | 33 |
| -02727 | COLL OF WHITE PLAINS | WHITE PLAINS | 33 |
| 602728 | HAMILTON CLG | CLIATON. | 33 |
| 202729 | HARTHICK COLLEGE | ONE ONTA | 33 |
| 202731 | WILLIAM SMITH | GENEVA | 33 |
| 002732 | HOSTRA UNIV | HEMPSTEAD | 33 |
| C02734 | houghton college | HOUGHTON | 33 |
| CG2735 | hilbert college | HAMGURG | 33 |
| 002737 | I ONA COLLEGE | NEW ROCHELLE | 33 |
| c02739 | Ithaca clg | İHACA | 33 |
| 002740 | JEWISH SEMINARY | manhattan | 33 |
| 002741 | UNIV OF JUDAISM | HOLLYWOOO | 05 |
| 002742 | JUILLIARD SCHOOL | NEW YORK | 33 |
| 202744 | keuka college | KEUKA PARK | 33 |
| C02745 | THE KING*S CLG | GRIARCLIFF MNR | 33 |
| 202748 | Le moyne college. | SYRACUSE | 33 |
| 602749 | NY COLLEGE OF PODIATRY | NE: ${ }^{\text {S }}$ YORK | 33 |
| 002754 | c $\cup$ POST | GREENVALE | 33 |
| 002755 | SOUTHAPPTON COLLEGE. | SOUTHAMPTON | 33 |
| C.62756 | LONG ISLAND UNIV | NEE YORK | 33 |
| 002758 | manhattan clg | NEW YORK | 33 |
| 302759 | manhattan sc cF music | N Y CITY | 33 |
| 002760 | manhattanville colleg | FURCHASE | 33 |
| 002762 | MANNES CL Of Mu | NEW YORK | 33 |
| 002763 | MARIA COLLEGE | ALEANY | 33 |


| FICE | SCHOOL | CITY | 1 |
| :---: | :---: | :---: | :---: |
| 002764 | maria regina college | Stracuse | 33 |
| 002765 | MARIST COLLEGE | POUGHKEEPSIE | 33 |
| 002769 | MARYMOUNT | NEW YORK CITY | 33 |
| C02771 | Mater dei col | OGDENSEURG | 33 |
| 002772 | MERCY CLG | DOBBS FERRY | 33 |
| 002777 | medaille college | BUFFALO | 33 |
| 0.62778 | mt saint mary college | NE WBURGH | 33 |
| 102779 | Nazarett college | ROCHESTER | 33 |
| 002780 | NEW SCH SOCIAL RESEARCH | NEW YORK CITY | 35 |
| 7 92781 | H CONSERV OF MUSIC | EROOKLYN | 33 |
| 00278 ? | NYU INST OF TECHNOLOGY | NEW YORK CITY | 33 |
| 002783 | NEW YORK LAW SCHOOL | NEW YORK CITY | 33 |
| 002784 | NY MEO COLL | NEW YORK | 33 |
| 002785 | NEW YORK UNIVEASITY | NEW YORK | 33 |
| 002788 | NIAGARA UNIV | NIAGARA FALLS | 33 |
| 002790 | NYACK MISSIONARY | NYACK | 3.3 |
| 0.22791 | PaCE | N Y | 33 |
| 092792 | PACE UNIVERSITY | PLEASANTVILLE | 33 |
| 002793 | PARSON'S SCHOOL OF DESIGN | NEW YORK | 3 |
| 002795 | PAUL SMITHS' CO | PAUL SMITHS | 33 |
| 002796 | POLYTECHNIC INST | BROOKLYN | 33 |
| 002798 | FRATT INSTITUTE | BROOKLYN | 33 |
| 002800 | HARRIMAN COLLEG | HARRIMAN | 33 |
| 002803 | RENSSELAER POLY | troy | 33 |
| 002805 | Rorfrts uesteyan clg | ROCHESTER | 33 |
| 002806 | FOCHESTER INST OF TECH | ROCHESTER | 33 |
| 002808 | rosary hill coll | BUFFALO | 3 |
| 502810 | RUSSELL SAGE | TROY | 33 |
| CO2811 | JUNIOR COLLEGE OF ALBANY | ALBANY | 33 |
| 002812 | trocatre college | BUFFALO | 3 |
| 002813 | SARAH LAWRENCE COLLEGE | GRONXVILLE | 33 |
| 032814 | SKIDMORE COLLEGE | SARATOGA SPGS. | 33 |
| 002815 | St bernarois sch | BUFFALO | 33 |
| c02816 | SIENA COLLEGE | LOUDONVILLE | 33 |
| 002817 | ST BONAVENTURE | OLEAN | 33 |
| 002820 | St fande IS COLLEGE | GROOKLYN | 33 |
| 002821 | St. John fisher college | ROCHESTER | 33 |
| 002823 | ST JOHNS UNIV | JAMAICA | 33 |
| 302825 | ST JOSEPHS CLG | GROOKLYN | 33 |
| 002829 | St. LAWRENCE U. | CANTON | 33 |
| 002832 | St thomas aquinas college | SPARKILL | 33 |
| 002833 | ST VLADIMIRS ORIHODOX SEM | CPESTWOOO | 33 |
| 002834 | State university educ cir | BROOKLYN | 33 |
| 002835 | STATE UNIV Of HY-ALBA | ALBANY | 33 |
| 002836 | BINGHAMTON ST C | BINGHAMTON | 33 |
| 022837 | UNIVERSITY OF RUFFALO | RUFFALO | 33 |
| 902838 | ST UNIV NY/STONY BROO | STONY AROOK | $\geq 3$ |
| 062839 | DOWNSTATE MEOICAL SCHOOL | BROOKLYN | 33 |
| 002840 | upstate meoical ctr | SYRACUSE | 33 |
| 302841 | BROCKFORT | AROCKPORT | 33 |
| 002842 | St UNIV OF NY CLG At BuF | RUFFALO | 33 |
| 002843 | S U N Y CLG | CORTLAND | 33 |
| 032844 | freoonia state | FREOONIA | 33 |
| OC2845 | geneseo state univ | GENESEO | 33 |
| ? 22446 | SUNY AT NEW PALTZ | NEW PALTZ | 33 |
| 102847 | ONEONTA STATE UNIVERSITY | ONEONTA | 33 |


| FICE | SCHOOL | CITY | 51 |
| :---: | :---: | :---: | :---: |
| 702848 | oswego state | OSUEGO | 33 |
| C02849 | Sta univ of NY COL | PLATTSBURGH | 33 |
| 602850 | POTSOAM STATE U | POTSDAM | 33 |
| c02851 | S U N Y ENVM SCI-FORS | SYRACUSE | 33 |
| 002854 | ALFRED TECH | ALFRED | 33 |
| C02855 | AGRI \& TECH CLG | CANTON | 33 |
| 002856 | COBLESKILL | COBLESKILL | 33 |
| D 22857 | SUNY At otlhi | DELHI | 33 |
| 002858 | STATE U OF NEW YORK | FARMINGDALE | 33 |
| 702859 | MORRISVILLE | MORRISVILLE | 33 |
| 502860 | ADIRONDACK COMM CLG | GLENS FALLS | 33 |
| n02861 | a | AURURN | 33 |
| n02862 | BROOME TECH | BINGHAMTON | 33 |
| CG2B63 | CORNING COMMUNITY COLLEGE | CORNING | 33 |
| SG2864 | DUTCHESS COMM COLLEGE | POUGHKEEPSIE | 33 |
| 002865 | ERIE COMMUNITY CLG | RUFFALO | 33 |
| 042866 | FASHION INST. OF TECHNOL | NEW YORK CITY | 33 |
| 002868 | HUDSON V COM CL | TROY | 33 |
| C02869 | Jame Stown comm clg | JAMESTOUN | 33 |
| .02871 | moha wk valley | UTICA | 53 |
| C02872 | MONROE COMM CLG | ROCHESTER | 33 |
| 102873 | NASSAU COM. COL. | GARDEN CITY | 33 |
| 202874 | niagara community college | SANBORN | 33 |
| C02875 | ONONDAGA COMM COLLEGE | SYRACUSE | 33 |
| 002876 | OPANGE COUNTY COMMUNI | MIODLETOUN | 33 |
| 302877 | ROCKLAND CC | SUFFERN | 33 |
| 202878 | SUFFOLK COMM COLL | SELDEN | 33 |
| C02879 | SULLIVAN COUNTY COM COL | LOCH SHELORAKE | 33 |
| 902880 | ULSTEA CTY CLG | STONE RIDGE | 33 |
| c02381 | UESTCHESTER CCMM COLL | VALHALLA | 33 |
| C02882 | SYRACUSE UNIV | SYRACOSE | 33 |
| 002883 | Utica col (syracuse us | UTICA | 33 |
| -02885 | COLL OF PHARMACY | ALBANY | 33 |
| 002886 | ALBANY LAH SCHOOL | ALEANY | 33 |
| C02487 | ALBANY MED CEATER SCH | albany | 33 |
| c02889 | UNION COLLEGE | SCHENECTADY | 33 |
| C02892 | us merchiant marine acao | KINGS POINT | 33 |
| 002893 | UEST POINT MILITARY | HEST POINT | 33 |
| 002894 | UNIV OF ROCHESTER | ROCHESTER | 33 |
| . 028895 | vassar college | POUGHKEEPSE | 33 |
| 002896 | VILLA MARIA | BUAFALO | 33 |
| c02899 | wagner college | STATEN ISLAND | 33 |
| Cc2900 | WEBB INS OF NAVAL ARC | GLEN COVE | 33 |
| 002901 | WELLS CLG | AURORA | 33 |
| 002903 | YESHIVA UNIV | NEW YORK | 33 |
| C02905 | A \& T STATE U | GREENSBORO | 34 |
| C02906 | APPALACHIAN ST. U. | BOONE | 34 |
| 002907 | UNIV OF N C | ASHEVILLE | 34 |
| 002908 | atlantic christian coll | WILSON | 34 |
| 002909 | EARBER-SCOTIA COLL | CONCORD | 34 |
| 002910 | belmont abely college | HELMONT | 34 |
| C02911 | GENNETT COLLEEE | GREENSEORO | 34 |
| 202912 | BREVARD CLG | BREVARO | 34 |
| 0.02913 | campuell collfge | buies Creek | 34 |
| 0.02914 | catayba college | SALISGURY | 34 |
| 002915 | CENTRAL PIEUHCNT COMM.COL | CHARLOTTE | 34 |


| FICE | SCHOOL | Clit | ST |
| :---: | :---: | :---: | :---: |
| 002916 | ChOWAN COLLEGE | MURFREESBORO | 34 |
| 062918 | davidoson colleg | DAVIOSON | 34 |
| 902919 | Davioson cniy com clg | LEXINGTON | 34 |
| 60292\% | DUKE UNIV | OURHAM | 34 |
| 002923 | E CAROLINA UNIV | GREENVILLE | 34 |
| 0 C 2926 | FLIZ CITY St U | ELIZABETH CITY | 34 |
| 002927 | ELON COLLEGE | ELON | 34 |
| 3 C 2928 | fayetteville state univ | Fayetteville | 34 |
| 002929 | GARONER-WEBH COLLEGE | HOILING SPRINGS | 34 |
| 002930 | U N C AT GREENSRORO | GREENSBORO | 34 |
| 002031 | GUILFORD COL. | GREENSFORO | 34 |
| 002933 | HIGH POINT COLLEGE | HIGH FOINT | 34 |
| 002934 | ISOTHERMAL COMM. COLLEGE | SPINDALE | 34 |
| 002936 | JOHNSON C SMITH | CHARLOTTE | 34 |
| 002937 | Kings college | CHARLOTTE | 34 |
| 002938 | KITTRELL JR COL | KITTRELL | 34 |
| 002939 | LEES-MCRAE COL. | BATNER ELK | 34 |
| 002940 | Lenolr con college | KINSTON | 34 |
| 002041 | lenoir rhyme CG | HICKORY | 34 |
| OC2942 | LIVINGSTONE CLG | SALISBURY | 34 |
| 002943 | LOUISBURG COLLEG | LOUISBURG | 34 |
| 002944 | mars hill college | MARS HILL | 34 |
| 002945 | MEREDITH COLLEGE | RALEIGH | 34 |
| 002946 | METHODIST CLG | fayetteville | 34 |
| 002947 | MITCHELL COMM COL | STATESVILLE | 34 |
| 002948 | MONTREAT ANDERSON JC | MONTREAT | 34 |
| 002049 | MT OLIVE COL | MOUNT OLIVE | 34 |
| 002950 | NC CENTRAL UNIV | DURHAM | 34 |
| 002951 | NC HESLEYAN | ROCKY MOUNT | 34 |
| 002953 | PEACE COLLEGE | RALEIGH | 34 |
| 072954 | PEMBROKE ST U | PEMBROKE | 34 |
| C02955 | PFEIFFER COLLEGE | MISENHEIMER | 34 |
| 002956 | PIEOMONT BIBLE | WINSTON-SALEM | 34 |
| 002957 | QUEENS COLLEGE | Charlotte | 34 |
| 002958 | ROCKINGHAM COHM COL | WENTWORTH | 34 |
| 002960 | SALEM COLLEGE | HINSTON-SALEM | 34 |
| 302961 | SANOHILLS COL | SOUTHERN PINES | 34 |
| 082962 | SHAL UNIVERSITY | RALEIGH | 34 |
| OC2963 | SQUTHEASTERN BAFTIST THEO | WAKE FOREST | 34 |
| C02964 | SOUTHEAST COM COLLEGE | WHITEVILLE | 34 |
| 102967 | St ANDREW PRESBYTER | LAURINBURG | 34 |
| 002968 | S augustines college | RALEIGH | 34 |
| 302969 | St Mary's college | RALEIGH | 34 |
| 002972 | N C STATE UNIVERSITY | RALEIGH | 34 |
| 002973 | gaston col | DALLAS | 34 |
| 002974 | UNIV OF NORTH CAROLINA | CHAPEL HILL | 34 |
| 002975 | UNIV OF NORTH CAROLINA | CHARLOTTE | 34 |
| 002976 | UNIV OF NORTH CAROLINA | GREENSBORO | 34 |
| 002978 | WAKE FOREST UNIV LAN SCH | WJNSTON-SALEM | 34 |
| 002979 | WARREN WILSON CLG | SWANNANOA | 34 |
| 002980 | WAYNE COMMUNITY CLG | GOLDSBORO | 34 |
| 002981 | WESTERN CAROLIN | CULLOWHEE | 34 |
| 002982 | WESTERN PIEOMONT COMM COL | MORGANTON | 34 |
| 002983 | WILKES COMM COL | WILKE SAORO | 34 |
| 002984 | U. OF N.C. AT WILMINGTON | WILMINGTON | 34 |
| 302985 | te college | WING |  |


| FICE | SCHOOL | CITY | S $\dagger$ |
| :---: | :---: | :---: | :---: |
| n02986 | YIN-SAL STA UNI | HINSTON-SALEM | 34 |
| 002988 | BISMARCK HOSP SCH NUR | BISMARCK | 35 |
| 002989 | DICKINSON ST COL | DICKINSON | 35 |
| 002990 | Jamestown college | Jamestoun | 35 |
| 002991 | LAKE REGION JR | DEVILS LAKE | 35 |
| 002992 | MARY COLLEGC | GISMARCK | 35 |
| 002993 | MAYYILLE St COL | MAYVILLE | 35 |
| 062994 | MINOT ST COL. | MINOT | 35 |
| +02996 | ND St SCH SCIENC | WAHPETON | 35 |
| C02998 | N WEST BIRLE COLLEGE | MINOT | 35 |
| 003005 | NORTH DAKOTA U | GRAND FORKS | 35 |
| 6030C7 | UNIV NORTH OAKOT | WILLISTON | 35 |
| c03010 | ANTIOCH | YELLOU SPRINGS | 36 |
| 003012 | ASHLANO COLLEGE | ASHLAND | 36 |
| 003014 | BALDWIN COLLEGE | REREA | 36 |
| 003015 | BLISS COLLEGE | COLUMBUS | 36 |
| 003016 | BlUffton college | BlUfFTON | 36 |
| 003018 | BOLLING GREEN ST UNIV | BOULING GREEN | 36 |
| C03023 | CAPITAL UNIVERSITY | COLUMBUS | 36 |
| co3024 | CASE WESTERN RES | CLEVELANO | 36 |
| 003025 | CEDARVILLE COL. | CEDARVILLE | 36 |
| 003026 | CENTRAL STATE UNIV | WILBERFORCE | 36 |
| C03C29 | GOOS BIBLE SCH | CINCINNATI | 36 |
| 003031 | Cleveland inst music | Cleveland | 36 |
| co3c32 | Clevelano st co | Clevelano | 36 |
| co3c35 | OHIO DOMINICAS COLL | columbus | 36 |
| C03036 | COL STEUBENVILLE | STEUBENVILLE | 36 |
| ¢03037 | COLLEGE AT WOOSTER | WOOSTER | 36 |
| 003639 | COLUMBUS C OF ART/DES | COLUMBUS | 36 |
| 203040 | CUYAROGA COMMLNITY COLL | Cleveland | 36 |
| co3041 | DEFIANCE COLLEGE | DEFIANCE | 36 |
| 003042 | DENISON UNIV | GRANVILLE | 36 |
| C03043 | DYKE COL. | Clevelano | 36 |
| C03045 | FINULEG COLLEGE | FINOLAY | 36 |
| ¢03046 | FRANKLIN UNIVERSITY | columrus | 36 |
| CO3048 | HEIDELEERG COLLG | TIFFIN | 36 |
| 003049 | Hiram college | HIRAM | 36 |
| 603050 | JOHN CARROLL UNIV | UNIVERSITY HTS | 36 |
| r03051 | KENT STATE UNIV | KENT | 36 |
| CO3054 | KENT ST | CANTON | 36 |
| 003061 | KENT STATE UNIV | SALEM | 36 |
| 603062 | KENT STATE BRANCH | N Philadelphia | 36 |
| 003065 | KENYON COLLEGE | gambier | 36 |
| 003066 | Lake erie college | PAINESVILLE | 36 |
| CG3068 | LORAIN CCC | ELYRIA | 36 |
| CO3C72 | malone col. | CANTON | 36 |
| 103073 | marietta clg | Marietta | 36 |
| 003074 | Mary manse col | TOLEOO | 36 |
| c03076 | MIAMI-JACOES JR COL BU | DAYTON | 36 |
| CO3079 | MIAMI UNIVERSITY | HAMILTON | 36 |
| 003C80 | MIAMI UNIV-MICDLETOWN | MIODLETOUN | 36 |
| C03083 | HOUNT UNION | ALLIANCE | 36 |
| CO3084 | musk ingum colleg | NEH CONCORD | 36 |
| C03085 | NOTPE OAME CLE | SOUTH EUCLID | 36 |
|  | OBERLIN COLLEGE | OFERLIN | 36 |
| co3ce7 | OHIO COL OF SCIENCE | cJicinnati | 36 |

002986 YIN-SAL STA UNI CO2988 BISMARCK HOSP SCH NUR 02989 DICKINSON ST COL 0299 Jamestoun college

02992 MARY COLLEGC
02993 Marville St COL
02996 NO ST SCH SCIENC
02998 N WEST BIRLE COLLEGE
$030 C 7$ UNIV NORTH OAKOT
03010 ANTIOCH
GO3012 ASHLANO COLLEGE
003015 BLISS COLLEGE
003016 BLUFFTON COLLEGE
03018 BOLLING GREEN ST UNIV
O302 CAPITAL UNIVERSITY
CO3C25 CEDARVILLE COL.
03026 CENTRAL STATE UNIV
no3031 CLEVELAND INST MUSIC
03035 OHIO DOMINICA
03036 COL STEUBENVILLE
CO3037 COLLEGE AT WOOSTER OUS COLUBUS C OF ARTIOES CO3040 CUYAKOGA COMALNITY COLL

左LEG
03043 DYKE COL.
COJ045 FINOLEG COLLEGE
03048 HEIDELEERG COLLG
CO3049 HIRAM COLLEGE
03051 KENT STATE UNIV
COUCS4 KENT ST
O3C61 KENT STATE UNIV
03065 KENYON COLLEGE
CO3066 LaKE ERIE COLLEGE
OJ LORAIN CCC
03073 MARIETTA CLG
003074 MARY MANSE COL
03076 MIAYI-JACOES JR COL BU
CO3 MIAMI UNIVERSITY
03083 HOUNT UNION
030 HUSKINGUM COLLE
03 OB6 OBERLIN COLLEGE
COSGET OHIO COL OF SCIENCE

HINSTON-SALEM
bisharck
34
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ICKINSON
devils lake
GISMARCK
MINOT
wanpeton
GRAND FORKS
ILLISTON
SHLAND SPRINGS
REREA
COLUMBUS
BOULING GREEN
COLUMBUS
CERARVILI
ILBERFORCE
CINCINNATI
cleveland
COLUABUS
STEUBENVILLE
 LEVELAN OEFIANCE

GRANVLL

FINDLAY
columbus
I RAM
KENT
CANTON

N PHILADELPHIA
PAINESVILLE
LYRIA
MARIETTA
TOLEOO
HAMILTON
MIODLETOUN
ale SOUTH EUCLID cticin
CS:CINNATI

| 003088 | OHIO COLLEGE Of PODIATARY | clevelano |
| :---: | :---: | :---: |
| 003589 | OHIO NORTHERN | ADA |
| 003692 | LIMA BRANCH OH STATE UNIV | LIMA |
| 003093 | OHIO ST UN MANSF BR | Mansfield |
| 003094 | OHIO STATE UNIVERSITY | MARION |
| 003095 | OHIO STATE UNIV.BRANCH | NEUARK |
| 003099 | OHIO INST TECHNOLOFY | columbus |
| 083100 | OHIO U. | ATHENS |
| 003101 | OHIO U EELMONT CO BRA | St clairsville |
| 003103 | OHIO UNIV IRN ERNCH | IRONTON |
| 003104 | CH UNIV-LANCASTER ARH | LANCASTER |
| 003105 | AIR FORCE ENG MECH SC | LOCKBOURNE |
| 003107 | CH UNIV PORTS BRANCH | PORTSHOUTH |
| 303108 | UHIO UNIV BRANCH | zanesville |
| 003109 | OHIO MESLEYAN U | DELAWARE |
| 003110 | OTTEREEIN COLLEGE | WESTERVILLE |
| 003111 | EOGECLIff college | CINCINNATI |
| 003112 | FENN-OHIO COLLEGE | YOUNGSTOWN |
| 003116 | RIO GRAMDE | RIO GRANDE |
| 003117 | RIVERSIDE MTH SCH NURSING | COLUMBUS |
| 003118 | NORTH. KY. CHASE LAW SCH. | COVINGTON |
| 003119 | SINCLAIR CC | DAYTON |
| co3120 | ST JOHN*S CLG | Cleveland |
| co3121 | TIFFIN UNIV | TIFFJN |
| 003123 | UNIVERSITY OF AKRON | AKRON |
| 003125 | U OF CINCINNATI | CINCINNATI |
| 003126 | UNIVERSITY COLLEGE U.O. | CINCINNATI |
| 003127 | U OF DAYTON | DAYTON |
| cosi28 | OAYTON TECH CENTER | DAYTON |
| 003131 | UNIV OF TOLEDO | TOLEDO |
| 003133 | urbana college | URBANA |
| C03134 | URSULINE COL. | Cleveland |
| 033135 | WALSH COLLEGE | CANTON |
| 003141 | WILBERFORCE UNIV | WILEERFORCE |
| 003142 | WILMINGTON U | UILMINGTON |
| 003143 | HITTENBERG U. | SPRINGFIELO |
| 003144 | XAVIER UNIV | CINCINNATI |
| C03145 | YOUNGSTOUN ST UNIV | YOUNGSTOWN |
| C03146 | ALTUS JUNIOR COLLEGE | ALTUS |
| 203147 | bacone jr coll | Muskogee |
| 003149 | bethany nazarene college | BETHANY |
| 093150 | cameron college | LAWTON |
| 003152 | CENTRAL St univ | EDMOND |
| 003153 | CONNORS JR CLG | WARNER |
| 003154 | EASt centall state | ADA |
| 003155 | E OKLAHOMA St Cl | HILRURTON |
| 003156 | EL RENO JR college | EL RENO |
| 003157 | LANGSTON UNIV | LANGSTON |
| J03158 | murray state college | TISHOMINGO |
| 003160 | NORTHEASTERN OKLA ARM | M1AM1 |
| 093161 | NORTHEASTERN OKLA St UNIV | tahleguah |
| $1: 03162$ | NORTHERN OKLA CO | tonkawa |
| C.c3163 | HORTHUESTERN ST U | Alva |
| 933164 | OKLA BAFtISt UNIVERSJty | SHAWNEE |
| 023165 | EKL AHOMA CHRISIIAN COL | OKLAHOMA CIty |
| 0¢3166 | OKLAHOMA Clty university | OKLAHOMA CITY |


| FICE | SCHOOL | CITY | S 1 |
| :---: | :---: | :---: | :---: |
| 003168 | ClAREMORE JR COL | CLAREMORE | 37 |
| 003169 | OK SCH OF BUS | TULSA | 37 |
| C03170 | OK State | STILLWATER | 37 |
| 0.03172 | okla state tech | OKMULGEE | 37 |
| C03174 | PANHANDLE ST COL | GOOCHELL | 37 |
| ¢03175 | PHILLIPS UNIV「RSITY | ENID | 37 |
| ¢03176 | CARL ALBERY JR COLLGE | poteau | 37 |
| C03178 | SEMINOLE JR CLG | SEMINOLE | 37 |
| C03179 | SO WEST OKLA STATE UNIV | DURANT | 37 |
| co3180 | OK CITY SO WEST JR CO | OKLAHOMA CITY | 37 |
| 603181 | SOUTHUESTERN ST COL | WEATHERFORD | 37 |
| C03182 | ST ANTHONYS | OKLAHOMA CITY | 37 |
| CO3184 | UNIVERSITY OF OKLAHOMA | NORMAN | 37 |
| co3185 | UNIVERSITY OF TULSA | tulsa | 37 |
| co3186 | BLUE MTN COM COL | Pendleton | 38 |
| C03188 | CENTRAL OREGON COMM．COLL． | BEND | 38 |
| 003189 | CLATSOP COMA COLLEGE | ASTORIA | 38 |
| 203190 | COLUMEIA CHRISTIAN COLLEG | PORTLANC | 38 |
| C03193 | E OREGON COLLEGE | LA GRANDE | 38 |
| co3194 | GEORGE FOX COLLEGE | NEWPERG | 38 |
| $r 03196$ | LANE COMMUNITY COLLEGE | EUGENE | 37 |
| －03197 | LEUIS \＆CLARK | PQR TLAND | 38 |
| CO3198 | LINFIELD COLLEG | MCM INNVILLE | 38 |
| Cc3204 | MT HOOD COMMUNITY COLLEGE | GRESHAM | 38 |
| 003205 | MULTNOMAH SCHOOL | PORTLAND | 38 |
| CO3209 | OREGON COLLEGE OF ED | MONMOUTH | 38 |
| CO3210 | OREGON STATE UNIV | CORVALLIS | 38 |
| C03211 | OREGON TECH IAS | KLAMATH FALLS | 38 |
| 003212 | PACIFIC UNIVERSITY | FORESt grove | 38 |
| C03213 | PORTLAND COM COL | PORTLAND | 38 |
| CO3216 | PORT STATE COL | PORTLAND | 38 |
| 003217 | REEO COLLEGE | PORTLAND | 38 |
| 003218 | CHEMEKETA COMMUNITY COLL | SALEM | 38 |
| C03219 | SOUTHERN OREGON COLLEGE | ASHLAND | 38 |
| 003220 | SOUTHWEST OREGON COLLEGE | coos bay | 38 |
| C03221 | treasure valley c C | ONTARIO | 38 |
| 003223 | UNIV OF OREGON | EUGENE | 38 |
| 003224 | UNIVERSITY OF PORTLANO | POR TLAND | 38 |
| C03225 | UARNER PACIFIC | portland | 38 |
| 003227 | HILLAMETTE UNIV | SALEM | 38 |
| －03229 | ALERIGHT COL | READING | 39 |
| C03230 | Allegheny college | MEADVILLE | 39 |
| COS232 | ALLIANCE LIB AR | CAMERIDGE SPGS | 39 |
| r03233 | alvernia college | READING | 35 |
| 003234 | ELLEN CUSHING JR COLL | BRYN MAUR | 39 |
| 303235 | beaver college | GLENSIDE | 39 |
| 0.03237 | BRYN MAUR COLLEGE | BRYN MAWR | 39 |
| 203238 | BUCKNELL UNIV | LEHISBUKG | 39 |
| C03239 | BUCKS COUNTY COM CL | NEWTOWN | 39 |
| cos241 | CABRINI CLG | RADNOR | 39 |
| ¢03242 | CARNEGIE MELLCN | PItTSEURGH | 39 |
| 003243 | CEDAR CREST COLLEGE | ALLENTOWN | 39 |
| 003244 | CHATHAM COLLEGE | PIt ${ }^{\text {a }}$ SBURGH | 39 |
| 003245 | chestnut hill college | PHILADELPHIA | 39 |
| －03247 | COLLEGE MISERICORDIA | dallas | 39 |
| 003249 | community college of pa． | PHILADELPHIA | 39 |

03169 OK SCH OF BUS
CO3170 OK STATE
03174 PANHANDLE ST COL
O375 PHILLIPS UNIVIREITY
CO3178 SEMINOLE JR CLG
CO3179 SO WEST OKLA STATE UNIV
COB180 OK CITY SO WEST JR CO
03181 SOUTHWESTERN ST COL
ANTHONYS
CO3185 UNIVERSITY OF TULSA
G3186 BLUE MTN COM COL
CO3188 CENTRAL OREGON COMM．
CO 3189 CLATSOP COMM COLLEGE
OU190 COLUMEIA CHRISTIAN COLLEG O3194 GEORGE FOX COLLEGE CO3196 LANE COMMUNITY COLLEGE

97 LEUTS \＆CLARK
C3204 MT HOOD COMMUNITY COLLEGE
COL
03210 OREGON STATE UNIV
03211 OREGON TECH IAS
03212 PACIFIC UNIVERSITY
CO3213 PORTLAND COM CO
CO3217 REEO COLLEGE
O3218 CHEMEKETA COMMUNITY COLL C3219 SOUTHERN OREGON COLLEGE

03221 TREASURE VALLEY C C
003223 UNIV OF OREGON
0324 UNIVERSITY OF PORTLAND
0327 UILLAMETTE UNIV
03229 ALBRIGHT COL
O3 ALLEGHENY COLLEGE
OS ALIANCE LIB AR
03234 ELLEN CUSHING JR COLL
003235 BEAVER COLLEGE
03238 BUCKNELL UNIV
CO3241 CABRINI CLG
OJ242 CARNEGIE MELLCN
003244 CHATHAM COLLEGE
03247 COLLEGE MISERICORDIA
003249 COMMUNITY COLLEGE OF PA．

CLAREMORE
STILLWATER
GMOLGEE
ENID SEMINOLE
DURANT OKLAHOMA CITY KKLAHOMA CI IY

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a grande cume portland MCMINNVILLE PORTLAND MONMOUTH CORVALLIS KLAMATH FALLS PORTLAND Por rland SALEM ASHLAND coraria UGENE PORTLAND SALEM REAOING CAMERIDGE SPGS EAOTNG RRN MAWR BRYN MAWR LEUISBUKG RADNOR ALLENTOWN PItTSBURGH dallas PHILADELPHIA

OO32SI CURTIS INSTITUTE OF MUSIC PHILADELPHIA 39 003252 DELAWARE VALLEY CLG OOYLESTOWN 39
003253 OICKINSON CLG CARLISLE PHILADELPHIA PITTSBURGH
00325 OREXEL UNI
ST DAVID＇S ELIZABETHIOWN
LANCASTER
ERIE
BEAVER FALLS GETTYSBURG GROVE CITY GUYNEDD VALLEY PHILADELPHIA PHILADELPH GRYN MAVR HARRISEURG PHILADELPHIA PHILAOELPHIA
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LINCOLN
PHILAOELPHIA HILLIAMSPORT SCRANTON ERIE GRANTHAM NORTH WALES PHILADELPHIA EETHLEHEM CRESSON PIttseurgh ALLENTOUN NEW CASTLE GREEN LANE VILLANOVA PHILAOELPHIA PHILADELPHIA PHILADELPHIA CHESTER BLOOMSBURG
003299 MONTG CO COMM
003300 MOORE COLLEGE OF ART
OO33!1 MORAVIAN COLLEGE
003302 MT ALOYSIUS JR CO
OO3303 CARLOW COLLEGE
OOJ304 MUHLENBERG COLLEGE
OJ3305 NEH CASTLE BUSINESS COLL
OO3306 NORTHEAST EIBLE JNST
003307 NE CHRISTIAN JR
003309 FIERCE JR CLG
003311 PENN.CLG.OF OPTOMETRY
003312 PA COLL PODIATRIC MED
co3313 WIDENER COLLEGE
UU3315 RLOOMSBURG STATE COL
003316 CA STATE COLLEGE
OC3317 CHEYNEY ST COL
003319 CLARION ST. COLL.
co332年 E STROUOSBURG
n03321 EOINBORO ST CLG

003270 GUYNEOD MERCY CO
503271 HAHNEMANN MED COL
003273 HARRISBURG AREA COMM
©J3274 HAVERFORD COLLEGE
003276 IMMACULATA CLG
003277 IN UNIV OF PA
CJ3278 THOMAS JEFF UNIV
$0 G 3280$ KEYSTONE JR COL
003282 KINGS COLLEGE
－03283 Lackawanna JR COL
003285 LANCASYER EIBLE COL
003287 LA SALLE COLLEGE
003288 LEBANON VALLEY
003289 LEHIGH UNIV
003290 LINCOLN UNIV

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O3299 MONTG CO COMM
033 MOORE COLLEGE OF ART
مO3．0 MORAVAN COLLEG
0033 ？3 CARLOW COLLEGE
003305 NEH CASTLE BUSINESS COLL
003307 NE CHRISTIAN JR
003309 PIERCE JR CLG
003312 PA COLL PODIATRIC MED
co3313 WIDENER COLLEGE
OU315 RLOOMSBURG STATE COL
de3317 CHEYNEY ST COL

Co332 E STROUOSBURG
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| FICE | SCHOOL | CITY | $T$ |
| :---: | :---: | :---: | :---: |
| 003322 | KUTzTOUN St clg | KUTZTOUN | 39 |
| 003323 | LOCK HAVEN STATE COLG | LOCK HAYEN | 39 |
| 003324 | mansfield state colle | MANSFIELD | 39 |
| 003325 | millersville st Clg | millersvilie | 39 |
| 003326 | SHIPPENSEURG ST | SHIPPENSBURG | 39 |
| C03327 | SLIPPERY ROCK STATE COL. | SLIPPERY ROCK | 39 |
| 003328 | UEST CHES STA COL | HEST CHESTER | 39 |
| 003330 | PENN ST UNIV | ALLENTOUN | 39 |
| cos331 | PENN STATE UNIVERSITY | ALTOONA | 39 |
| 003332 | beaver campus | beaver | 39 |
| cos333 | PENN STATE | ERIE | 39 |
| n03334 | PENN.STATE | BERKS COUNTY | 39 |
| CO3335 | PENN STATE UNIVERSITY | OUBOIS | 39 |
| 203336 | PENN ST UNIV -FAYETTE | UNI ONTOUN | 39 |
| cos337 | Pa state | HARRISRURG | 39 |
| 003338 | PENN STATE UNIV | HAZELTON | 39 |
| 963339 | PENNSYLVANIA STATE | MCKEESPORT | 39 |
| S03340 | PENN STATE UNIV | MONT ALTO CAMPU | 39 |
| co3341 | PENN STATE UNIVERSITY | NEU KENSINGTON | 39 |
| 003342 | pa State univ | ABINGTON | 39 |
| 203343 | PENN STATE UNIV | SChurikil haven | 39 |
| CO3345 | PENN STATE | SHARON | 39 |
| 033346 | PENNSYLVANIA ST UNIV | WILKES-BARRE | 39 |
| 003347 | PENN STATE UNIV | YORK | 39 |
| 003350 | PHILA clg of art | Philadelphia | 39 |
| 003351 | Phila clg of pible | PHILAOELPHIA | 39 |
| C03352 | coll of osteopathic med | PHILADELPHIA | 39 |
| C03353 | Phila c pharmac | PHILADELPHIA | 39 |
| r,03354 | Phila cle of textile | PHILADELPHIA | 39 |
| 0.03355 | Phila music aca | PHILADELPHIA | 39 |
| 003357 | POINT PARK COLLEGE | PITTSEURGH | 39 |
| 203359 | ROEERT MORRIS | CORAOPOLIS | 39 |
| cos362 | SETON HILL COLLEGE | GREENSBURG | 39 |
| C03363 | SPRING GARDEN CLG | CHESTNUT HILL | 39 |
| 003364 | St Charles seminary | PHILADELPHIA | 39 |
| 903366 | St FRANCIS ClG | LORETTO | 39 |
| 003367 | St. Josferes college | PHILADELPHIA | 39 |
| 003368 | St VIncent col | Latrobe | 39 |
| 003369 | SUSQUEHANNA UNIV | SELINSGROVE | 30 |
| 703370 | SWAR THMORE COLLEGE | SWARTHMORE | 39 |
| 203372 | temple umiversity | AMBLER | 39 |
| $n 03376$ | thiel college | GPEENVILLE | 30 |
| 003378 | UN OF PENNSYLVA | PHILADELPHIA | 39 |
| 003379 | $U$ OF PITTSBURCH | PITTSBURGH | 39 |
| 003380 | UNIV OF PITTSOURGH | BRADFORO | 39 |
| CO3382 | UNIVERSITY OF PITTSBURG | JOHNSTOWN | 39 |
| 003383 | U OF PITTSBURGH | iltusville | 39 |
| 003384 | U OF SCRANTON | SCRANTON | 39 |
| 003385 | URSINUS COLLEGE | collegeville | 39 |
| CO3388 | VILLANOVA UNIV | villanova | 39 |
| 003389 | WASHINGTON JEFF COLL | WLSHINGTON | 39 |
| ¢03391 | WAYNESBURG CLG | WAYNESEURG | 39 |
| co3392 | WESTMINSTER CO | NEW WILMINGTON | 39 |
| 003394 | WILKES college | WILKES~BARRE | 39 |
| 003395 | WILLIAMSPORT CO | WILLIAMSPORT | 39 |
| co3396 | WILSON COLLEGE | chameerseur | 39 |

NASHVILLE
CLARKSVILLE
NASHVILLE
MCKENZIE JEFFERSON CITY
HEMPHIS
COLUABIA
LOOKOUT MT.
LEBANON
NaSHVILLE JOHNSON CITY NASHVILLE NASHVILLE HENDERSON HENOERSON MADISONVILLE
BAISTOL
KNOXVILLE
KNGKYILLE
Jackson
CLEVELAND
CLEVELAND
MEMPHIS
HARROGATE
PULASKI
PULASKI
MARYVILLE
NASHVILLE MEMPHIS MURFREESBORO MORAIS TOHN MEMPHIS

MEMPHIS
JOHNSUN CITY
NASHVILLE
cooksville
CHATTANOOGA
ATHENS
NASHVILLE
GREENVILLE
JACKSON
CHATTANOOGA
KNOXVILLE
MARTIN
HARTIN
NASHVILLE
SEWANEE
NASHVILLE
AGILEN
ALVIN
AMARILLO
SAN ANGELO
SHERMAN
BEEVILLE
ARLINGTON
oallas
BRENHAM
CISCO

| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 003554 | CLARENDON JR COL | CLARENDON | 44 |
| 003557 | CONCORDIA | AUSTIN | 4 |
| 303558 | cooke cty jr cle | GAINESVItLE | 44 |
| 003560 | DALLAS BAPTIST COLLEGE | dallas | 44 |
| 203561 | DALLAS COMM CO COLLEGE | dallas | 44 |
| 003562 | OALLAS THEOLOGICAL SEMIN | OALLAS | 44 |
| 303563 | OEL. MAR CLG | CORPUS CHRISTI | 44 |
| 033564 | GAST TX BAPTIST CLG | MARSHALL |  |
| 303565 | EAST TX STATE U | COMMERCE | 44 |
| 233571 | HARDIN SIMMONS UNIV | AB ILENE | 44 |
| 093572 | henderson co cl | ATHENS | 44 |
| 003573 | HILL JK COLLEGE | HILLSBORO | 44 |
| 303575 | HOWARD PAYNE UNIVERSITY | BROUNWOOD | 44 |
| 003576 | HOUSTON BAPT UNIVERSITY | HOUSTON | 44 |
| 303578 | INCARNATE HORD | SAN ANTONIO | 44 |
| 003595 | KILGORE COLLEGE | KILGORE |  |
| 003581 | LAMAR UNIVERSITY | GEAUMONT |  |
| 003582 | LAREDO JR COLLEG | Laredo |  |
| 003583 | LEE JR COL | BAYTOUN |  |
| 003584 | LETOURNEAU CLG | CONGVIEU |  |
| 003585 | LON MORRIS COL | Jacksonville | 44 |
| 003586 | LUBBOCK CHRISTIAN COL | LUREOCK |  |
| 003588 | MARY-HARDIN BAYLER | BELTON |  |
| 003590 | MCLENNAN COMMUNITY CO | HACO |  |
| 903591 | HCMURRY COLLEGE | abillene |  |
| 003592 | MIOWESTERN UNIV | WICHITA FALLS | 44 |
| 003593 | Navarro JR college | CORSICANA |  |
| 003594 | N TEXAS STATE U | DENTON |  |
| 003596 | ODESSA JUNIOR COLLEGE | ODESSA |  |
| 003598 | our lady of lake clg | SAN ANTONIO |  |
| 003599 | PAN AMERICAN UNV | EDINBURG |  |
| 003600 | Panola junior cle | CARTHAGE |  |
| 003601 | PARIS JR COLLEGE | PARIS |  |
| 003602 | PAUL QUINN CLLGE | WACO | 4 |
| 003603 | RANGER JR COLLEGE | RANGER | 44 |
| 003604 | RICE UNIV | HOUSTON | 4 |
| 003605 | DOHINICAN COLLEGE | HOUSTON |  |
| 003606 | SAM HOUSTON State unjv | HUNYSVILLE | 4 |
| 993608 | St. PHILLIPS COLLEGE | SAN ANTONIO |  |
| ก03609 | SAN JACINTO COMMUNITY CLG | pasadena |  |
| 003610 | SCHREINER INSTITUTE | KERRVILLE |  |
| 003611 | SOUTH PLAINS COLLEGE | LEVELLAND | 4 |
| 003612 | SOUTH TEXAS JC | HOUSTON | 44 |
| 003613 | SO METHODIST UNIV | DALLAS | 44 |
| 0.36614 | SOUTHUEST TEXAS JR COL | UVALOE |  |
| 003615 | SOUTHWEST TEXAS | SAN MARCOS | 4 |
| c33616 | SOUTHWESTERN ASSEMBLY GOD | WAXAHACHIE | 4 |
| 003617 | SOUTHWESTERN SEMINARY | FORT WORTH |  |
| 003618 | SW CHRISTIAN CLG | TERRELL |  |
| 003623 | SOUTHWESTERN | GEORGETOWN | 4 |
| 003621 | ST EDWARD'S UNIV | AUSTIN |  |
| 093623 | St MARY'S UNIV | SAN ANTONIO | 44 |
| 003624 | STEPHEN F AUSTIN ST U | NACOGDOCHES | 44 |
| 093625 | SUL ROSS UNIV | ALPINE | 4 |
| 033627 | TEMPLE JR COLL | TEMPLE |  |
| 003628 | TEXARKANA COLLEGE | TEXARKANA |  |

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003638 TEXAS COLLEGE
003639 TEXAS ARI UNIV
CO3642 TEXAS SOUTHERN UNIY
003643 TEXAS SOUTHMOST COL
003644 TEXAS TECH UNIV
003645 TX WESLEYAN
003646 TEXAS WOMANS L
OS3648 TYLER JR CLG
003650 CORPUS CHRISTI U.
CO3651 UNIV OF DALLAS
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CO3653 UNIVERSITY OF PLANO
003654 U OF ST THONAS
CO3657 MO ANDERSON SCH OF MED. 003658 UNIV OF TX
CO3659 ACADEMY OF HEALTH SCIENCE SAN ANTONIO
003660 SOUTHUESTERN MEOICAL SCH. DALLAS
003661 UNIV OF TX-EL PASO
003662 VICTORIA COL
603663 VAYLAND BAPTIST CLG
003665 WEST TEXAS ST
003668 WHARTON COUNTY JR COLLEGE co3669 WILEY COLLEGE
093670 BRIGHAM YOUNG UNIV
CO3671 DIXIE COL
ro3672 L O S BUSINESS CLG
003674 STEVENS HENEGAR BUS C
303675 UNIV OF UTAH
no3676 CO OF E UTAH
©03677 UTAH STATE UNIV.
603678 S UTAH ST CLG
CO3679 SNOW COLLEGE
CO3681 WESTMINISTER UNIVERSITY
OOJG82 BENHINGTON COLG
003683 CASTLETON STATE CLG
903684 CHAMPLAIN COLLEG
CO3684 CHAMFLAIN COLLEG
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303687 GREEN MT COLLEGE
CO368日 JOHNSON ST CL
003693 MARLBORO COLLEGE
CO3691 MIDOLEBURY COLLEGE
CO3692 NORWICH UNIV
303694 ST MICHAELS CCL
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| 003697 | VERMONT COLLEGE | montfelien |
| 093698 | VERMONT TECH COL | RANDOLFH CENTER |
| 003699 | WINDHAM COLLEGE | PUTNEY |
| 0037700 | APPRENTICE SCHOOL | NEWPORT NEUS |
| 303701 | SCH OF MUSIC AF | NORFOLK |
| 003703 | bluefielo clg | GLUEFIELD |
| 903704 | BRIDGEWATER COLLEGE | BRIDGEWATER |
| 033705 | WM 8 MARY | WILL TAMSBURG |
| 003706 | CHRISTOPHER NEUPORT C | NEWPORT NEUS |
| 003707 | RICHARD BLANO COMM COLL | PETERSBURG |
| 003708 | EaStern mennonite clg | HARRI SONBURG |
| 033711 | FERRUA JR COLLEGE | FERRUM |
| 003712 | tidenater community coll | PORTSMOUTH |
| 003713 | HAMPDEN-SYONEY | HAMPDEN-SYONEY |
| 003714 | HAMPTON INST | HAMPTON |
| 0 O3715 | HOLLINS COLL | ROANOKE |
| 033719 | LONGWOOD COLLEGE | FARMVILLE |
| 003720 | lynchrurg college | LYNCHBURG |
| 003721 | hadison college | HARRISONBURG |
| 003722 | MARION MULLINS VOC TECH | Marion |
| 003723 | MARY BALDUIN CLG | STAUNTON |
| 003725 | megical coll of virginia | RICHMOND |
| 003727 | NORTHERN VA COM COLL | ANNANDALE |
| 033728 | OLD OOMINION U. | NORFOLK |
| 003730 | FRES SCH CHRISTIAN ED | RICHMONO |
| 003732 | fadforo college | RADFORD |
| 003733 | RANDOLFH MACON COL. | ASHLAND |
| 003734 | RANOOLPH MACON | LYNCHBURG |
| 003735 | VA COMMONWLTH U | RICHMONO |
| 003736 | ROANOKE COLLEGE | SALEM |
| 003737 | SHENANDQAH COLL-CONSY MUS | WINCHESTER |
| 003738 | S SEMINARY JR C-WOMEN | RUENA VISTA |
| 003739 | St PaULS | Lawrenceville |
| 003740 | STRATFORO | oanville |
| 093741 | SULLINS | HRISTOL |
| 033744 | UNIV RICHMONO | RICHMOND |
| 003746 | MARY WASHINGTON COL | FREDERICKSBURG |
| Cu374T | clinch valley coll | WISE |
| 003749 | GA MASON UNIV | fairfax |
| . 703752 | va intermont college | ERISIOL |
| 703753 | VA MILITARY INST | LEXINGTON |
| cos 054 | VIRGINIA POLYtECHIC I | blacksburg |
| 003758 | DANVILLE COMM C | Danvitle |
| $\therefore 03759$ | J Sargent reynolos co | RICHMONO |
| 003760 | VA WESTERN COMM COLL | ROANOKE |
| 003764 | virginia st u | petersburg |
| 503765 | NORFOLK STATE CLG | NORFOLK |
| 003766 | VIrginia UNION UNIV. | RICHMONO |
| 003767 | virginia mesteyan clg | NORFOLK |
| 003764 | WASHINGTON \& LEE UNIV | LEXINGTON |
| ¢. 03760 | eeldevue community cl | bellevue |
| 303770 | hig ben comm college | moses lake |
| 0.3771 | CENTRAL WASMINGTON | ELLENSHURG |
| 003772 | CENTRALIA COMM COL | CENTRALIA |
| 263773 | clark college | vancouver |
| 323774 | columbia pasin college | PASCO |

003697 VERMONT COLLEGE 003699 YINDHAM COLLEGE

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gC3704 BRIDGEWATER COLLEGE
003705 UM 8 MARY
OOS707 RICHARD BLANO COMM COLL
003708 EASTERN MENNONITE CLG
033711 FERRUH JR COLLEGE
003712 TIDEWATER COMMUNITY COLL 003713 HAMPDEN-SYONEY
OOZ71S HOLINS COLL
033719 LONGWOOD COLLEGE
003721 HADISON COLLEGE
003722 MARION MULLINS VOC TECH
03723 MARY BALDUIN CLG
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FERRUM
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HAMPDEN-SYONEY
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HARRI SONBURG
MARION
STAUNTON
ANNANDALE
RICHMONO
RADFORD
LYNCHBUR
RICHMONO
WINCHESTER
LAWRENCEVILLE
OANVILEE
RICHMOND
WISE
FAIRFAX
QRISIOL
LEXINGTON
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| 003775 | EASTERN WA ST COLL | Cheney | 48 | 003846 | COL OF RACINE | RACINE | 5 |
| 003776 | EVERETT COMMUNITY CO | EVERETT | 48 | 003854 | Lakeland college | SHEBOYGAN | 5 |
| 003777 | FORT URIGHT C HOLY NAMES | SPOKANE | 48 | 003856 | LAWRENCE UNIV | APPLETON | 5* |
| 003778 | GONZAGA LAW SCHOOL | SPGKANE | 48 | 003863 | marquette univ | MILHAUKEE | 5 ? |
| 003779 | GRAYS HARBOR JR | AbERDEEN | 48 | 033865 | MILTON COLLEGE | MILTON | 5 : |
| $\cos 780$ | green river cc | AUBURN | $4{ }_{4}$ | 003866 | millauke area voc $T$ INS | Milluaukee | 5 |
| 003781 | HIGHLINE COMM C | MIOWAY | 48 | 003868 | milwaukee sch of engineer | MILHAUKEE | 5 |
| c03782 | lower columbia college | LONGVIEW | 4 R | 003869 | Mit mary college | MILWAUKEE | 5 |
| 603783 | NORTHWEST COLLEGE | KIRKLANO | 48 | 003873 | mt sinfra colleg | LADYSMITH | 5 |
| 003784 | OLYMPIC COL | GREMERTON | 48 | 003875 | NORTH LANO CLG | ASHLAND | 5 |
| C03785 | PaCIfic lutheran | TACOMA | 48 | 303884 | RIPON COLLEGE | RIPON | 5 |
| 003786 | Peninsula college | PORT ANGELES | 48 | 003888 | SPENCERIAN BS C | MILWAUKEE | 5 ; |
| 203788 | seatile pacific college | SEATtLE | 48 | 003892 | St NORBERT COLLEGE | OE PERE | 5 ? |
| 003790 | SEATTLE UNIV | seattle | 48 | 030895 | UNIV OF WISCONSI | MADISON | 5 |
| 203791 | SHORELINE COMM C | Scattle | 48 | 003896 | UNIV OF WISCONS | MILHAUKEE |  |
| 003792 | SKAGIt VALLEY COM COL | mt Vernon | 48 | 003897 | UNIV. OF WISCONSIN MED SC | MADISON | 5 |
| 003793 | SPOKANE COMM CG | SPOKANE | 48 | 003898 | U OF WISC CTR FOX VLY | MENASHA | 5 |
| 003794 | SAINT MARTINS COLLEGE | OLYMPIA | 48 | 003899 | UN OF WI -GREEN BAY | GREEN BAY | 5 |
| 103796 | tacoma community college | tac oma | 48 | 003905 | UNIV OF WISCONSIN | MARSHFIELD | 5 |
| cos 797 | U OF PUGET SOUND | tacoma | 48 | 003909 | UWCW | WAUKESHA | 5 |
| 603798 | univ of washifig | SEATtLE | 48 | 003911 | vjterao college | LA CROSSE | 5. |
| 003800 | WASHINGTON STATE UNIV | pullman | 48 | 003913 | WISCONSIN CONSERVATORY | MILWAUKEE | 5 |
| 023801 | WENATCHEE VALLEY COL. | UENATCHEE | 48 | 003915 | U. OF WISCONSIN-STOUT | MENOMONIE | 5 |
| cc3s02 | W UASHINGTON STATE COLL | BELLINGHAM | 48 | 003916 | BARRON CO CAMPUS | AICE LAKE | 5 |
| 003803 | Whitman college | WALLA balla | 48 | 203917 | UW EAU CLAIRE | EU CLAIRE | 5 |
| 0.03804 | WHITWORTH | SPOKANE | 48 | 003918 | UNIV OF UISCON | RICE LAKE | 5 |
| 003805 | yakima valley coll | YAKIMA | 4 A | 003919 | UNIV OF WISCONSIN | LA CROSSE |  |
| 003806 | alder Son-broacdus | PHILLIPI | 49 | 003921 | UNIV of WISCONSIN | PLATTEVILLE |  |
| 003807 | beckley college | BECKLEY | 49 | 003023 | UNIV OF HISCONSIN | RIVER FALLS | 5 |
| 003808 | bethany college | betmany | 49 | 003924 | U OF WISCONSIN | STEVENS POINT |  |
| C03809 | bluefield state | bluefielo | 49 | 003925 | WE ST UNIV-SUP | SUPERIOR | 5 |
| 203810 | CONCORD COLLEGE | ATHENS | 49 | 003926 | U OF UISCONSIN-WHITEWATER | WHITEWATER | 5 |
| 003811 | OAVIS \& ELKINS | ELKINS | 49 | 003928 | Casper college | CASPER | 51 |
| co3812 | FAIRMONT STATE COLLEG | FAIRMONT | 49 | 003932 | U OF WYOMING | LARAMIE | 5 |
| 003813 | GLENVILLE ST CL | GLENVILLE | 49 | 003934 | CANAL ZONE COLEEGE | BALBOA | 52 |
| 303815 | MARSHALL UNIVER | HUNTINGTON | 49 | 003935 | UNIV OF GUAM | AGANA | 52 |
| 003816 | SOUTHWEST VIRGINIA COM C | LOGAN | 49 | 003947 | HASTINGS LAL SCHOOL | SAN FRANCISCO | 95 |
| 503817 | S WEST VA COMP CLG | Williamson | /49 | 003948 | SAN FRANCISCO ART INST | SAN FRANCISCO | 5 |
| ¢03818 | MORRIS HARVEY COLLEGE | CHARLESTON | 49 | 063954 | FLORIDA TECHNOLOGICAL U | ORLANOO |  |
| 303820 | SALEM COLLEGE | SALEM | 49 | 003955 | UNSVERSITY OF We FLORIDA | PENSACOLA | 1 |
| 003822 | SHEPHERO COLLEG | SHEPHERDTOUN | 49 | $00396^{\circ}$ | U OF ILLINOIS MED. CENTER | CHICAGO | 14 |
| 003823 | WEST LIBERTY STATE COLL. | WEST LTBERTY | 49 | 003961 | WILLIAM RAINY HARPE COLL | PALATINE | 14 |
| 203825 | WEST VIRGINIA INST TECH | MONTGOMEAY | 49 | 033963 | AMER INST OF RUSNS | DES MOINES | 16 |
| 203826 | WEST VIRGINIA ST COL | INSTITUTE | +49 | 003967 | FORSYTH SCH DENTAL HY | BOSTON | 2.2 |
| 003827 | WEST VIRGINIA UNIVERSITY | MORGANTOWN | 49 | 003969 | U DF MINNESOTA | MINNEAPOLIS | 24 |
| 603828 | PARKERSBURG COMM C | PARKERSBURG | 49 | 003970 | ST LU U PARKS COLL-AERO | CAHOKIA | 14 |
| 043829 | POTOMAC ST COL | KEYSER | 49 | 003974 | MESIVTHA TIFERETH JER AMR | NEH YORK | 33 |
| co3 030 | W VA WESLEYAN | GUCHANON | 49 | 003979 | TEACHER'S COL-COLUMBIA U | NEL Y YORK | 33 |
| 003831 | WHEELING CLG | WHCELING | 49 | 003981 | N C SCH OF ARTS | WINSTON-SALEM | 34 |
| 003832 | alverno college | milkaukee | 50 | 003982 | cleveland art i | CLEVELAND | 36 |
| 003835 | GELOIT COLLEGE | BELOIT | 58 | 0 O3985 | ORAL ROBERTS U | TULSA | 37 |
| 303837 | Caroinal stritch college. | MILVAUKEE | 5 ) | 003987 | LA RCCHE COLLEGE | ALLISON PARK | 39 |
| 003838 | Carroll college | WAUKESHA | 5 ? | 203988 | OUR LADY OF ANGELS $C$ | ASTON | 39 |
| C03839 | CARTHAGE | KENOSHA | 59 | 003989 | WILKES COLLEGE | WILKES BARRE | 39 |
| 003840 | WESTERN UISCOASIN TECH | LA CROSSE | $5 ?$ | 003090 | F DARLINGTON CTR | FLORENCE | 41 |
| 003842 | CONCORDIA COLLEG | MIL WAUKEE | 5. | 303991 | GREENVILLE TEHCNICAL COLL | GREENVILLE | 4 |

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LONG ISLIAND
LONG ISLAND
HAGERSTOWN
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MT. STERLING
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PITTSBURGH
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PARMA
RAPID CITY
PHILADELPHIA
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TROY
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004025 KNOX CITY SCH OF VOC
04027 UTAH TECH CLG
004033 ASHEVILLE BUNCOMHE TECH
OATS NEW YGRK INSTITUTE/TECHN

04044 LETCHER CO AREA VOCA
304045 MONTGOMERY CO.VOCATIONAL

OO4C51 COMM MOL AREA COMH
CO4OS2 ALLEGHENY COMM COL CO4053 CUYAHOGA COM COL
004057 NATPL CLG OF CUSINESS 204058 GRATZ COLLEGE
. 0405 OIV OF CONTIN EOUCA CO4066 BRYANT-STRATTON
CO4069 UNIV OF MINNESOTA
004071 WALSH COLLEGE
04972 NOR THNOOD INSIITUTE 364094 NATIONAL RAOIO INST 004099 EROHARD COMM COLL/MED CTR 041.6 MERCY HOSP SCH X-RAY

004134 CALOUELL MEM HOSP SHL/NUR CO4149 CDVANCE SCHOOL. INC. 004181 SOUTH CHG HOSP X-RAY CO4193 ST JOS CALVMET CAM CO CO4220 HAMILTON GUS COLLEGE COA249 ST JOSEPH HOSP SCH RADIOL 004252 UNIV. OF KS. CLG \& HOSP. 004256 NUR SCH HOP CTY HOS 304275 CHILDRENS HOSPITAL OC 4276 CHILDRENS HOSF SCH X-RAY 04293 SANTA ANA TUS COMM.HOSP 04297 SAWYER COLL OF BUSINESS

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| 004368 | NORTH MEMORIAL | MINNEAPOLIS | 24 |
| 004382 | St mary hospial | MINNEAPOLIS | 24 |
| 004395 | ATLANTIC SCHOOL | KANSAS CITY | 26 |
| 004398 | BURGE SCHOOL OF NURSING | SPRINGFIELD | 26 |
| 004427 | ST PATRICK•S SCH RADI | MISSOULA | 27 |
| 004446 | THOMPS SCH APPLI SCIE | DUAHAM | $3 ?$ |
| 0.34452 | montgomery co comm cg | olue bell | 39 |
| 004453 | EL CENTRO COLLEGE | DALLAS | 44 |
| 004454 | U OF WISCONSIN-EXTENSION | MADISON | 5) |
| 004458 | ALVERSON-DRAUGHON | BIRMINGHAM | 11 |
| 004460 | ALVERSON DRAUGHON BUS COL | HUNTSVILLE | 31 |
| 004461 | BOOKER $T$ WASHINGTON | BIRMINGHAM | 31 |
| 004462 | gadsoen business clig | GADSOEN | [1 |
| 304463 | M DRAUGHON EUS C | MONTGOMERY | 31 |
| 004473 | Lorola law school | LOS ANGELES | 35 |
| 004477 | GRYANT S STAATTON | SAN JOSE | 05 |
| 004481 | OE ANZA JUNIOR COLLEGE | CUPERTINO | ? 5 |
| C04481 | OHLONE COMM COLL | FREMONT | 15 |
| 004485 | LELANO STANFORD JR UN | PALO ALTO | C5 |
| 004487 | CRISS BUSINESS C | ANAHEIM | 5 |
| 034494 | SKADRON COLLEGE BUSIN | SAN BERNARDINO | 5 |
| 004502 | SAN FRANCISCO CO | SAN FRANCISCO | 5 |
| 004503 | RLAIR BUSINESS C | COLORADO SPRING | 6 |
| 004504 | BARNES BUSINESS COLLEGE | OENVER | 06 |
| 004506 | COLO MTN COLLEGE WEST CAM | GLENHOOD SPRNGS | 6 |
| 004507 | Parks SCH Of gus | OENVEA | 36 |
| \% 04508 | UNIV Of COLORADO MED ctr | DENVER | 6 |
| 024500 | U OF COLORADO | COLORADO SPRING | 6 |
| 004513 | HOUSATONIC COMMUNITY COLL | GRIOGEPORT | 37 |
| 394515 | STONE SCHOOL OF BUS | NEW HAVEN | 17 |
| 034521 | CORTEZ H. PETERS | WASHINGTON | \% |
| C04523 | JOHN MOPKINS UNIVERSITY | HASHINGTON | $\because 9$ |
| 004526 | WA HOSPITAL CTR/NURSING | HASHINGTON | 19 |
| 304527 | UASH SCH FGR SEC | WASHINGTON | 9 |
| CO4528 | FLA INST OF TEC | CAPE KENNEDY | 1 " |
| 064533 | CLG OF MED ARTS/BUS | JACKSONVILLE | 1 " |
| 394534 | LAKELAND BUSINESS INST | LAKELANO | 1. |
| 004535 | massey business | Jacksonville | 1 |
| 004541 | MARSH-DRAUGHON BUS. COL | ATLANTA | 11 |
| 304546 | CANNON'S INTERNATIONL PUS | HONOLULU | 12 |
| 03454 H | HAWAII LOA | HAWAlI | 12 |
| 364549 | leehard comm clg | WAIPAHU | 12 |
| 004593 | LINKS SCHOOL OF BUSINESS | BOISE | 13 |
| 904567 | METROPOLITAN SCH EUSI | CHICAGO | 14 |
| 304568 | midstate col | PEORIA | 14 |
| 1045573 | trenton college | RIVER GROVE | 14 |
| 064574 | TAINITY COL | CHICAGO | 14 |
| C04579 | INTERNATIONAL RÜ | FT WAYNE | 15 |
| 094580 | lockyear clg of bus | EVANSVILLE | 15 |
| 0.3586 | AMER INST OF COM | davenrort | 16 |
| 304587 | AREA I VOC TECH | CALMAR | 16 |
| 064592 | furlington col | GURLINGTON | 16 |
| 004593 | GATES PuS COLLEG | Haterloo | 16 |
| 0.04595 | HAWKEYE INSTI OF TECH | WATERLOO | 16 |
| 004596 | ICWA TECH SCHOOL | OTTUMWA | 16 |
| 146497 | IOUA CENTRAL COMM COLLEGE | Ft DODGE | 16 |


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| :---: | :---: | :---: | :---: |
| 004603 | Southeastern com. college | 4. burlington | 16 |
| CO4664 | UNIV HOSF X-RAY | IONA CITY | 16 |
| 304605 | ke med-dental clo | kansas city | 17 |
| 004606 | kANSAS STATE | KANSAS CITY | 17 |
| 004608 | BARTON CO COMM J | great geno | 17 |
| 004699 | clarks bus col | TOPEKA | 17 |
| C04611 | KS TECH INSt | SALINA | 17 |
| 004616 | ORYANT \& STRATTO | Loulsville | 18 |
| -04617 | FUGAZ2I buSINES | LEXINGTON | 18 |
| ¢04618 | SPENCERIAN TUSIN | LOUISVILLE. | 18 |
| 004619 | SULLIVAN gUSINESS COL | LOUISVILLE | 18 |
| 064621 | AYERS BUS COL | SHREVEPORT | 19 |
| 104626 | OELGADO JUNIOR COLLEGE | NEN ORLEAHS | 19 |
| 904627 | LOUISIANA BUSINES C | MONROE | 19 |
| 404628 | meadol oraughton college | NEW ORLEANS | 19 |
| 004631 | BMI SCH OF BUS | monroe | 10 |
| C04632 | SPENCER DRAUGHON BUS co | baton rouge | 19 |
| $\therefore 04641$ | DUNWOODY INST | MINNEAPOLIS | 24 |
| 004644 | Mankato commercial coll | hankato | 24 |
| -04645 | MINNEAPOLIS BUSINESS COL | MINNEAPOLIS | 24 |
| 004646 | MINNESOTA SCH. OF GUS. | MINNEAPOLIS | 24 |
| S04648 | RASMUSSEN BUS C | St Paul | 24 |
| $\bigcirc 04650$ | Chesapeake comm clg | WYE MILLS | 21 |
| 004651 | garoner sch-eusiness | WASHINGTON | 39 |
| 064654 | STKAYER COL | BALTIMORE | 21 |
| 204657 | TUFTS UNIV | OOSTON | 22 |
| 604661 | HAMPSHIAE COLLEGE | AMHERST | 22 |
| 204666 | SALTER SECRETARIAL | HORCESTER | $2 \overline{2}$ |
| C04667 | MUSEUM OF FIAE ARTS | BOSTON | 22 |
| 304668 | SCH WORCESTER ART MUSEUM | WORCESTER | 22 |
| C94673 | BAKER BUSINESS | FLINT | 23 |
| 004675 | OETROIT ENGINEERING INST. | ottroit | 23 |
| 904680 | JACKSON GUSINESS UNIV | JACKSON | 23 |
| c04681 | MACOME COUNTY COMA COL | Mt. CLEMENS | 23 |
| 604682 | PONTIAC SCH SYS | PONTIAC | 23 |
| 204688 | UNIVERSITY OF HS. MED. CT | Jackson | 25 |
| 004690 | UNIV OF MISSISSIPPI | OXFORO | 25 |
| 004701 | SAN BERNADINO COMM COLL | SAN BERNADINO | 65 |
| 004702 | DETROIT BUSINESS INST | detroit | 23 |
| 004704 | UMKC CONSERVATORY MUSIC | KANSAS CITY | 26 |
| 004767 | COVENANT THEOLOGICAL SEMI | St. LOUIS | 26 |
| ¢04708 | CENTRAL MO STATE UNIV | INDEPENDENCE | 26 |
| 304710 | kansas city eus. college | KANSAS CITY | 26 |
| 904713 | three rivers college | POPLAR BLUFF | 26 |
| 604716 | OILLINGS BUSIAES | Billings | 27 |
| 104717 | butte business college | BUTIE | 27 |
| 004720 | CENTRAL JECH COMM CLG | HASTINGS | 28 |
| :04721 | LINCOLN COMMEPCE | LINCOLN | 28 |
| ¢04722 | metteeton bus coll | OMAHA | 28 |
| 204723 | MILFORD TfCH CLG | MILFORD | 28 |
| 004729 | hesser college | MANCHESTER | 30 |
| 704730 | MCINTOSH COLLEGE | DOVER | 35 |
| 004731 | net eng amronautical inst | nashua | 3 \% |
| 304736 | Pefgen community col | PARAMUS | 31 |
| 004738 | FAIRLEIGH DICKINSON | MADISON | 31 |
| 094739 | helene fuld sch of nurs | camoen | 31 |


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| :---: | :---: | :---: | :---: |
| 004749 | mercer county comm coll | TRENTON | 31 |
| 224741 | PUTGERS LAW | CAMDEN | 31 |
| 0154742 | alpuguergue tech-voct ins | al buruergue | 3 ? |
| 004743 | EASTERN N.M. UNIVERSITY | CLOVIS | 3 ? |
| 004740 | albany rus col | aleany | 3 |
| 004754 | fellevue hosp | NEW YORK | 33 |
| 03.4756 | COLLEGE OF PHSY \& SURG | NE $W$ YORK | 33 |
| 034757 | COLUABIA U/SCH SOCIAL WK | NEU YORK | 33 |
| 094759 | YORK COLlege | jamalca | 33 |
| 034760 | CITY U / RICHMOND COL | STATEN ISLANO | 33 |
| 364762 | CORNELL U MEO CENTER | NEW YORK CITY | ${ }^{3} 3$ |
| 004766 | faruch college | NE Y YOAK | 33 |
| 604768 | RUSSELL SAGE COLLEGE | ALBANY | 33 |
| C04770 | COLL OF AGRI \& LIFE SCIEN | ITHACA | 33 |
| 2.94772 | c of indus labo | ITHACA | 33 |
| 084774 | LONG ISLANO UNIV GRAO SCH | BROOKLYN | 33 |
| 034779 | LONG ISLANO UNIVERSITY | BROOKLYN | 33 |
| 304782 | FORDHAM LAW | GRONX | 3 |
| C04788 | HERKIMER CTY COLLEGE | HERKIMEA | 33 |
| 004794 | KINGS C SCH-NUR | GROOKLYN | 33 |
| 304795 | KIFKLAND CLGE | CLINTON | 33 |
| 204798 | MIRRER YESHIVA CEN INST | FR OOKLIM | 33 |
| CO4PC2 | MISERICORDIA hosp s nurs | PRONX | 33 |
| 004804 | NEL YORK TECH. | OLD UESTAURY | 33 |
| 054809 | OUEENS COLLEGE | Jamalca | 33 |
| C04811 | fochester sch of rus | ROCHESTER | 33 |
| C04812 | URBAN CENTER | BUFFALO | 33 |
| 004813 | NEW PALTZ COLLEGE | NEH PALTZ | 33 |
| 004814 | PLATTSRURGH AFE | PLATTSBURGH | 33 |
| 004815 | SISTERS OF CHARITY | BUFFALO | 33 |
| 064817 | CHEEKTOUAGA CENT | CHEEK TOUAGA. | 33 |
| 004822 | STATE UNIV OF NEW YORK | BUFFALO | 33 |
| 734823 | SUNY AT STONYBROOK DENTAL | STONY EROOK | 33 |
| 004825 | TAYLOR BUSINESS INST | HANHATTAN | 33 |
| 004828 | EASTMAN SCHOOL OF MUSIC | ROCHESTER | 33 |
| 004833 | BOLMAN GRAY SCH. MEDICINE | HINSTON-SALEM | 34 |
| 004835 | Calduell comm college | LENOIR | 34 |
| 004836 | OURHAM COLLEGE | DURHAM | 34 |
| 004838 | GUILFORD TECH INST | JAMESTOUN | 34 |
| 094839 | HARDBARGER BUS COL | RALEIGH | 34 |
| 00484 B | KING.S BUS COLL | RALEIGH | 34 |
| 004841 | NC ST FORT BRAGG EX | Ft BRAGG | 34 |
| S04843 | RAL SCh Data process | RALEIGH | 34 |
| 004844 | WAKE TECHNICAL INSTITUTE | RALEIGH | 34 |
| $0 ¢ 4845$ | HILSON TECH INST | WILSON | 34 |
| 024848 | minot business college | MINOT | 35 |
| 084852 | CLARK TECHNICAL COLL | SPRINGFIELD | 36 |
| 004853 | columbus business univ | columbus | 36 |
| 004854 | COLL CONSERVATORY MUSIC | CINCINNATI | 36 |
| 304855 | davis ja busidess | toledo | 36 |
| 004857 | hammel-actual coll | AKRON | 36 |
| 034863 | MT CARMEL SCH NURSING | columbus | 36 |
| CEAHES | NOPTHWESTEAT BUSINESS | LIMA | 36 |
| 004863 | wooster husiness col | WOOSTER | 36 |
| $0 ¢ 4864$ | OHIO MECH INS | CINCINNATI | 36 |
| 0 O4865 | PGRISMOUTH GUSI | PGRTSMOUTH | 36 |


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| :---: | :---: | :---: | :---: |
| 004866 | Stautzenaerger | TOLEOO | 36 |
| 004868 | RAY WALTERS U OF CINN. | BLUE ASH | 36 |
| 004872 | DRAUGHON SCH OF RUSINESS | OKLAHOMA CITY | 37 |
| 004873 | DRAUGHON SCH CF BUS | tulsa | 37 |
| 004875 | OK SCH BANK-BUSI | OKlahoma city | 37 |
| 004877 | UNIV Of tulsa clg of lay | TULSA | 37 |
| 004878 | clackamas comm | OREGON CITY | 38 |
| 004879 | N CLG OF BUS | PORTLANO | 38 |
| -04881 | UNIV OF OREGON | PORTLAND | 38 |
| 034882 | UNIV OF OREGON MED SCH | PORTLAND | 38 |
| 004883 | U. OF OREGON OENTAL SCH. | PORTLANO | 38 |
| 0048884 | A HOSP SCH-NURS | ALLENTOUN | 39 |
| C04886 | ELECTRONICS INST | PITTSBURGH | 39 |
| 004887 | COATESVILLE HCSP SCH NURS | coatesville | 39 |
| 004889 | CAMBRIA ROWE EUS CL | JOHNSTOUN | 39 |
| 004893 | DU BoIS BuSINESS COLL | OU BOIS | 39 |
| 504894 | ERIE BUS CENTER | ERIE | 39 |
| 004898 | MCCANN SCH-BUSIN | MAhanor city | 39 |
| J04903 | P SCH OF OFFICE TRNG, | PHILADELPHIA | 30 |
| 004910 | THOMPSON INST | HARRISBURG | 3 \% |
| 004911 | mercy catholic men ct | DARGY | 39 |
| 004913 | WHARTON SCH OF UNI PA | PHILADELHIA | 39 |
| 104917 | R WILLIAMS CLG | BRISTOL | 40 |
| 104920 | Charleston tech ctr | charleston | 41 |
| 904922 | COLUABIA COMMER | CCLUMBIA | 41 |
| 304924 | FORREST COLLEGE | ANDERSON | 41 |
| 604926 | tri tec | PENDLETON | 41 |
| 004927 | U SOUTH CAROLINA | UNION | 1 |
| 504932 | ORAUGHONS EUS COLL | MEMPHIS | 3 |
| 904933 | ORAUGHONS BUSINESS COLL | KNOXVILLE | 43 |
| 004934 | DRAUGHONS EUS COLL | NASHVILLE | 43 |
| 304936 | FALLS BUSIN CCL | Nastiville | 43 |
| 304937 | JaCKSON ST COLLEGE | JACKSON | 43 |
| 004938 | KNOXVILLE RUS COLLEGE | KNOXVILLE | 43 |
| 004939 | MEMPHIS SCH OF COMMER | MEPPHIS | 43 |
| 004940 | miller hawkins colleg | MEMPHIS | 43 |
| 004941 | NashVille bs Cl | NASHVILLE | 43 |
| 0 C 4942 | NAT'L SCHOOL OF EUSINESS | CLEVELAND | 43 |
| C04947 | W TENN BUS CLLGE | JACKSON | 43 |
| 004948 | BAYLOR CLG OF DENTISTRY | oallas | 44 |
| 304949 | GAYLOR COLL OF MED | HOUSTON | 44 |
| 504951 | U OF TEXAS DEATAL BRA | HOUSTON | 44 |
| 204952 | U OF texas medical branch | GALVESTON | 44 |
| 004955 | G ORAUGHON BUS C | FT WORTH | 44 |
| 004960 | ORAUGHONS BUSINESS COLL | LUABACK | 44 |
| 004965 | ORAUGHONS BUSINES | dallas | 44 |
| 004966 | DURHAM GUSINESS | CORFUS CHRISTI | 44 |
| 004974 | Massey business college | HOUSTON | 44 |
| 004976 | Parish oral uUs | SAN ANTCNIG | 44 |
| 604977 | SOUTH TEXAS COLL LAN | HOUSTON | 44 |
| 014978 | SOUTHWESTERN GUS | HOUSTON | 44 |
| 004988 | CENTRAL VA COMM COL | LYNCHEURG | 47 |
| 004993 | SMITHOEAL MASSEY | RICHMONO | 47 |
| 104994 | U OF VIRGINIA COMM | FALLS CHUACH | 47 |
| 064996 | oabner community college | CLIFTON FORGE | 47 |
| 004998 | PUGET SOUND COL DF RItLE | SEATTLE | 48 |


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| :---: | :---: | :---: | :---: |
| 004999 | hellingham tech | bellingham | 48 |
| 005000 | FT. STEILACOOM COM COLL | TACOMA | 48 |
| 005001 | EOMONOS COMMUNITY COLLEGE | LYNNHOOD | A |
| 005002 | KINMAN BUSI COL | SPOKANE | 48 |
| 005003 | KNAPP COLLEGE Of business | racoma | 48 |
| 005006 | WALLA WALLA COM.COLLEGE | WALLA walla | 48 |
| 005009 | brYant \& Stratton bus | milwaukee | 5 \% |
| 305015 | U OF WISC PARKSIDE | KENOSHA | $5 i$ |
| 005016 | WISCONSIN STATE UNI | GARAETO | 5 ? |
| 005017 | UNIV WISCONSIN | WEST BEND | 5 . |
| 005034 | AMERICAN UNIV IN CAIRO | CAIRO | 52 |
| 005040 | HELENE FULO SCH RAOIOLOGY | TRENTON | 31 |
| 005069 | State university of ny | SYRACUSE | 33 |
| 005074 | WASH SCH OF ART | PORT WASHINGTON | 3.3 |
| 005081 | DUKE UNIV. MED. SCHOOL | DURHAM | 34 |
| 005085 | ST. ALEXIUS SCH MEO TECH | BISMARCK | 35 |
| 005102 | EUCILD SCHOOL PRATICAL NU | EUClio | 36 |
| 005110 | HURON RD HOSP SCHOOL | East cleve | 6 |
| 005127 | SOUTHERN OHIO C | CINCINNATI | 36 |
| 005135 | ST JOSEPHS HOME | OAYTON | 36 |
| 045142 | YOLEDO MED EO CENTR | TOLEOO | 36 |
| 005165 | ST FRANCIS HOS SC RAO | TREHTON | 31 |
| 005176 | GLENS FALLS HOSPITAL SCH | GLENS FALLS | 33 |
| n05180 | SCHOOL OF CYTOTECHNOLOGY | NEH YORK | 33 |
| 005184 | ALBRIGHT COLLEGE | OECATUR | 1 |
| 3C51R6 | LAMSON GUSINESS | PHOENJX | 3 |
| C05189 | ALLIED INSTITUTE | CHICAGO | 14 |
| 005191 | OUNGAR HIGH SCH | CHICAGO | 14 |
| 005200 | ELECTRONIC TECH SCH | great lakes | 14 |
| C35201 | CENTRAL PUSIN CL | WICHITA | 17 |
| 005202 | DRAUGHON*S BUSIN | PADUCAM | 14 |
| 005203 | SPENCER BUSINESS COLL | LAFAYETTE | 19 |
| 005207 | G I SC OF BUSINS | GRANU ISLAND | 28 |
| 005208 | westchester business inst | WHITE PLAINS | 33 |
| 0052 C 9 | MILLER MOTT BC | WILMINGTON | 34 |
| 005215 | CLEVELAND INST ELECTR | clevelano | 6 |
| 005220 | UTAH TECHNICAL COLLEGE | salt lake | 45 |
| 305226 | CAREER ACADEMY | milwaukee | 5. |
| 00523 A | POOTH MEM HOSP NURSIN | COVINGTON | 18 |
| 005243 | MAZARD VOC SCHOOL | HAZARD | 18 |
| 005244 | CEN KY ST VOC/TC | LEXINGTON | 1 H |
| 005247 | SOUTHNEST STATE TECH CLG | MOBILE | $\pm 1$ |
| 1) 65249 | OZARK TECH SCHOOL | O2ARK | 4 |
| 005250 | COTTON BOWL VOCAT TECHN | blytheville | 14 |
| 005251 | wadena area tech | UADENA | 24 |
| 305252 | WILLMAR AREA VOC TECH | HILLMAR | 24 |
| G05255 | MOULTRIE AREA VOC-TECH | moultrie | 11 |
| 005256 | Valdosta tech | valdosta | 11 |
| 305258 | HAWAII COM COLLEGE | HILO | 12 |
| 005260 | Jf GRAKE TEC S | muntsville | 1 |
| 0 0.5262 | MOORHEAD TECH INST | Moorheau | 24 |
| 005263 | granite falls voc | GBANITE FALLS | 24 |
| - ¢5264 | Flint hill area voc-tech | F\%PORIA | 17 |
| (\%5265 | n central ks area vo-tech | 1 LOIT | 17 |
| S65267 | N! W afdsas area voc | GOOOLAND | 17 |
| 16527? | raviess county area voc | OWENSEORO | 18 |


| fice | SCHOOL | IY | 1 |
| :---: | :---: | :---: | :---: |
| 205273 | NORTH KY VOC-TECH SCH | COVINGTON | 18 |
| C05274 | CTL AREA TRADE | NATCHITOCHES | 19 |
| 005276 | CTL ME TECH VCC | AUBURN | $2{ }^{\circ}$ |
| 005277 | E ME VOC TECH I | BANGOR | 23 |
| 005281 | ELIZABETHTON St area voc | ELIZABETHTON | 43 |
| 005283 | NEMBCRN ST AREA VOC-TECH | NLWBERN | 43 |
| 005286 | EL RITO TEC SCHL | EL RITO | 32 |
| r.05294 | WAUKESHA TECH I | WA UKESHA | 50 |
| 005296 | S P TECHNICAL | Stẽvens POINT | 50 |
| 005298 | INOIAN HEAD TECH INST | RICE LAKE | 50 |
| 305299 | GATE UAY | RACINE | 50 |
| c.05301 | GREEN BAY TECH INST. | GREEN BAY | 50 |
| C05304 | DISTRICT ONE TECH INST | gau clatre | 5 |
| 005306 | H.L. BATES VOCATIONAL | TACOMA | 48 |
| 505307. | MCMINNVILLE AREA VOC TECH | HCMINNVILLE | 43 |
| 085309 | LAKE AREA JNST | WATERTOUN | 42 |
| cos311 | TULSA SKILL CENT | TULSA | 37 |
| 005312 | CENTRAL-AREA vocational | DRUMRIGHT | 37 |
| 005313 | N CENTRAL TECHNICAL C | MANSFIELO | 36 |
| 005314 | HAMILTON PROGRAM | HAMILTON | 36 |
| $0 \times 5317$ | FORSYTH TECH INST | WINSTON SALEM | 34 |
| 005318 | CATANEA VLY TCC INS | hickory | 34 |
| cos319 | FOOTHILLS VOC TECH | SEARCY | 04 |
| cos320 | CAPE fear tech inst | WILMINGTON | 34 |
| 005321 | MONTGOMERY COUN VOC | DAYTON | 36 |
| 005323 | CLEVELAND TECH SCH | clevelano | 36 |
| 005328 | LENAFE VO TECH | FORO CITY | 39 |
| 005329 | FOREES TRAIL | MONROE VILLE | 39 |
| 005330 | FAYETTE AREA VOC-TECH SCH | UNIONTOUN | 39 |
| C05333 | [ASTERN MONTG CO TECH | WILLIAMGROVE | 39 |
| 005339 | OKLA homa city voc tech | OKLAHOMA CITY | 37 |
| 005344 | CONNELLY VOC SCH | PITTSEURGH | 39 |
| 005346 | mastbum area voc tech | PHILADELPHIA | 39 |
| 205347 | DOBEINS YOCATION SCH | PHILADELPHIA | 39 |
| 005348 | EDWARD BOK VOC H | PHILADELPHIA | 39 |
| 005349 | Parklay mest tech | MCKEES ROCKS | 39 |
| 005352 | MCKENZIE AREA VOC TECH | MCKENZIE | 43 |
| cos357 | CRUMP STATE AREA VOC TECH | CRUMP | 43 |
| 005359 | NASHVILLE ST AREA VOC | NASHVILLE | 43 |
| 005360 | Memphis st area voc tech | MEMPHIS | 43 |
| 005363 | DENMARK TECH EO CNTR | denmark | 41 |
| 005364 | columbus tech | columbus | 41 |
| 005366 | WESt SIDE TECH SCHOOL | PRINGLE | 35 |
| 005372 | OLYMPIA VOC TECH INST | OLYMPIA | 48 |
| C05378 | tri cities vocational tec | Blountville | 43 |
| 005379 | SHELBYVILLE AREA St voc | Shelayville | 43 |
| 005380 | MIO STATE TECF INST | UISC RAPIOS | 5 ? |
| 005387 | NORTH CENTRAL TECH.INST. | ANTIGO | 53 |
| 005391 | OCEAN CO VOCATIONAL SCH | JACKSON | 31 |
| 005399 | MAECOM MONMOUTH ADULT SCH | MONMOUTH COUNTY | 31 |
| 005401 | MIODLESEX COUNTY AREA $V$ I | EAST BRUNSWICK | 31 |
| 005409 | GIRLS VOCATIONAL | NE WARK | 31 |
| 005412 | BLOOHFIELO TECHNICAL. | BLOOMFIELD | 31 |
| 005418 | BERGEN TECH SCHOOL | HACKENSACK | 31 |
| 005429 | R SCH Of MINES | ROLLA | 26 |
| 605443 | K.C.VOCATIONAL TECH.CTR. | KANSAS CITY | 26 |


| FICE | SCHOOL | CIty |
| :---: | :---: | :---: |
| 685448 | DUAHAM TECH INSTITUTE | OURHAM |
| 0 C 5452 | TETERBORO AERONAUTICS | MOONACHIE |
| 305457 | TRENTON VOCATIONAL | TRENTON |
| 005463 | TECHNICAL INST - ALAMANCE | BURLINGTON |
| 005466 | I H HARRIS VO TE | OPElOUSAS |
| 005467 | SOWELA TECHNICAL INST | LaKE Charles |
| 005469 | SHREVEPORT BOSSIER VOC TE | SHREVEPORT |
| 005473 | SABINE VALLEY VOC TECH | MANY |
| 005471 | OUACHITA VAL.VOC. JECH. SCH | WESt monroe |
| : 05472 | ORLEANS AREA VOC TECH | NEW ORLEANS |
| 605475 | mortheast la voc tech | WIHNSBORO |
| 005477 | NATCHITOCHES TRADE SC | NATCHITOCHES |
| 005481 | hammono area voc sch | HAMMOND |
| 205484 | EVANGELINE AREA TRI-PAR | St Martinville |
| 005486 | CAPITAL AREA VOCATION SCH | HATON ROUGE |
| 005488 | BATON ROUGE VOC TECH SCH | BATON ROUGE |
| $0 \mathrm{C5489}$ | ALEXANORIA TRADE SCH | ALEXANORIA |
| 065499 | WEST KENTUCKY VOC SCHOOL | PAOUCAH |
| 005491 | Paducah area voc center | PADUCAH |
| 005492 | MAYO ST VOC SCH | Paintsville |
| 005493 | MADISONVILLE VOC TECH | MADISONVILLE |
| 005498 | WICHITA VOC TECH CTR | HICHITA |
| 005569 | LEUIS\& CLARK COMM COLLfge | LEUISTON |
| 005511 | WAYCROSS-WARE TECM | HAYCROSS |
| 005518 | ESSEXA \& T INST | HA THORNE |
| 005520 | DAVID H FANNING | UORCESTER |
| OC5522 | boSton traoe | BOSTON |
| 005523 | GLUEHILLS TECH I | CANTON |
| 005525 | S ME VOC TECH IN | SUUTH PORTLAND |
| 005526 | YOUNG MEM VO TECH SCH | MORGAN CITY |
| 005528 | TECHE AREA VOC \& TECH SCH | NEW IGERIA |
| 005531 | CHILLICOTHE AREA VOC TECH | CHILLICOTHE |
| 005533 | St Paul voc tech sch | ST PAUL |
| 005534 | St clouo voc | St Cloud |
| Or5535 | PINE CITY AREA VOC-TEC | PINC CITY |
| 005536 | MINNEAPOLIS TEC | MINNEAPOLIS |
| 005537 | MANKATO VOC TECH SCH | mankato |
| 005538 | JACKSON AREA VO TECH | JACKSON |
| cos541 | DETROIT LAKES TECH | DETROIT LAKES |
| 005542 | bRAINERD VOC SC | BRAINCRD |
| 005543 | AUSTIN VOC TECH | AUSTIN |
| ens544 | ALEXANDRIA TECH | ALEXANDRIA |
| 005546 | HORCESTER IND TEC INS | HORCESTER |
| 005547 | WALTHAM VOC HS | WALTHAM |
| 0.05548 | RRISTOL PLYMOUTH VOC | TAUNTON |
| 005565 | SAN LUIS SENIOR HIGH | SAN LUIS |
| 005569 | S GABRIEL VO TRNG SCH | SAN GABRIEL |
| 305576 | vallejo beauty aca | VALLEJO |
| 005579 | TRI-COMM ADULT | COVINA |
| 005589 | TORRANCE ADULT SCH | torrance |
| 065584 | SOUTHGATE ADULT SCH | SOUTHGATE |
| 235585 | LIVELY VOC SCHOOL | tallahassee |
| 005586 | LINOSEY HOPKINS ED CNYF | MIAMI |
| 005509 | DOUNTOUN ADULT CNTR | Ft LaUoErdale |
| -35591 | BRELSTER ADULT TECHNICAL | TAMPA |
| 035596 | EMILY GRIFFITH OP SCHOOL | DENVER |


| FICE | SCHOOL | CITY |  |
| :---: | :---: | :---: | :---: |
| 005599 | a UGUSTA AREA VOC TECh | Augusta |  |
| 005600 | athens area tech-voc | ATHENS |  |
| 005661 | ALBANY AREA VOC TECH | ALBANY |  |
| 005605 | PINELLAS VOC. TECH.INST. | CLEARWATER |  |
| 005607 | SARASOTA COUNTY VOC-TECH | SARASOTA |  |
| 005614 | TROOP TECH | La GRaNGE |  |
| 005616 | SWAINSEORO AREA VOC TECH | SWAINSBORO |  |
| 005617 | S GA TECH VOC | AMERICUS |  |
| 005618 | SAVANNAH AREA Vo | SAVANNAH |  |
| 005619 | NORTH GA VOCAT SCH | CLARKSVILLE |  |
| 005620 | marietta voc tech | marietta |  |
| 005621 | GRIFFIN VOC TEC | GRIFFIN |  |
| 005622 | dekalb area tech | CLARKSTON |  |
| 005624 | COLUMUUS TECH | COLUMEUS |  |
| 005626 | CARPENTERS APPRENTIC SCH | GARDEN GROVE |  |
| 005631 | FREMONT COMM ADULT SCH | LOS ANGELES |  |
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| -65655 | LEPANTE BEAUTY COL | LAMIRAOA |  |
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OXF ORD MEMPHIS RANOOLPH THP NEWARK OLD UESTBURY MEOIA MEOIA MOORPARK MOORPARK
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STORRS007311 WINDHAM REGIONAL VOC IECH WILIIMANTIC007312 CAPITAL RADIO ENG. INST. WASHINGION
007316 WESTERN IOWA TECH SIOUX CITY
OO 7317 AMERICAN SCHOOL
097318 CONTROL DATA INSTITUTE
$00731^{\circ}$ COMMERCIAL TRADE INST
007321 LA SALLE EXTENSION UNIV
007324 WAYNE SCHOOL
007327 ITT TECHNICAL INSTITUTE
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007333 JEFFERSON PARISH VOC
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0073 HESHORE PEABODY
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007347 RAY CIF NURSIN
007350 ANOKA TECHNICAL
007351 EROWN INSTITUTE
007352 MCCONNELL A SCH
007353 NH ELECTRONICS INSTIT
007354 PIPESTONE VO TEC
OG7355 ROCHESTER VOCATIONAL
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$\begin{array}{lll}0.24 \\ 00756 & \text { ROCHESTER } & 24 \\ \text { ST LOUIS } & 26\end{array}$
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CO7371 PRATER WAYCL OF BEAUT SPARKS 2.
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007398 CATHERINE GIBBS SCH
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007401 MANDL MED ASSIST
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907402 MANHATTAN PRINTI
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$0 C 7417$ CONTEAPORARY BEAUTY SCH
007421 RERKELEY BUSINES
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CO7423 GRISUALO INSIITU
007427 SOUTHLEST AUTOMOTIVE SCH
007427 SOUTHLEST AUTOMOTIVE SCH
CG742O ERIE SCH.DIST PRAT-NURS.
007433 PHILA WIRELESS TECH INST
007434 COMPUTER TECH
CO7436 INST COMPUTER
007437 ALLEGHENY TECH INSTIT
007437 ALLEGHENY TECH INSTIT
OO7438 PIERRE SCH PRAC NURSING
DO7438 PIERRE SCH PRAC NURSING
007440 N AUTO-DIESEL S
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OC7461 ART INSTITUTE
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PHILADELPHIA
PITTSEURGH
PITTSBURGH
PITTSBURGH
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C07798 WILFREO BEAUTY SCHOOL 007804 NEW YORK SCH. OF DIETETIC 007806 ROBERT FIANCE HAIA DESIG CO7818 ST ELIZABETH MED CENT 207823 GREENSBRG INS TE 007824 ELECTRONICS INSTITUTE 007825 AUTO ACADEMY
CO7826 BEREAN•S LAST C07827 LYONS TECHNICAL INSTITUTE 907832 LINCOLN TE.CH TRADE SC 607835 EARL WHEELER
207836 TECH TRAINING SCH 007844 KATHERINE GIBES 007845 NEW ENGLAND TECH INST 007850 DURHAM BUS COL
CO7851 NIXON CLAY COLLEGE
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307860 PENNSYLVANIA TECH INST OO7867 JOSIE BEAUTY SCHOOL 607870 HILLSGOROUGH COMM CLG 007871 GEORGE HALLACE TECH CO7881 AMERICAN CLG IN PARIS CO7882 INSTITUTO OE FRANCES CO7892 SAMPSON TECH INST 07893 FLAGLER COLLEGE 90789A KEFSLER TEC TANG 007901 GRACE INSTITUIE 007907 GROUTMAN ATY SC 007919 AMERICAN FLYER 007910 AMERICAN FLYERS INC DO7912 THADCUS SHEVENS TRAD 007917 CONTROL DATA INSTITUTE 007927 MEOICAL ASST INS 307930 PAC COL MED 8 OEN A CO7931 AIRLINES SCHS PACIF 007932 AIR LINES SCHOOL PACIFIC C07933 COMM COLL OF DENVER 9JT938 LINCOLN TECH INSTIT 307944 WATTERSON COLLEGE
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CO7986 HALIFAX COUNTY TECH INST. 007988 MARTIN TECHNICAL INSY
007993 CALIFORNIA STATE
008062 INDIANA UNIVERSITY 008037 SOCENTRAL CONM 008038 MIODLESEX COM CL GO8048 TRIOENT TECH COLL 0 OS 054 UNIV HOSPITAL 008071 S CA CLG MED/DEN 008072 AQUINAS JR CLG 008073 BUTTE COMM COLLEGE 008076 JOHN A LOGAN JA
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hillianston BAKERSFIELD Lafayette NEW HAVEN MIDOLE TOWN CHARLESTON SALT LAKE CITY ANAHEIM UEST NEWTON WEST NE
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| 008212 | FREEPORT COMM COLL | FREEPORT | 14 |
| 008214 | EASTERN AIRLNES RES | MIAMI | 1 |
| 008221 | UNIVERSAL TEC I | PhoEn ${ }^{\text {P }}$ | : 3 |
| OG8237 | SOUTHERN IL UNIV | NORMAL | 14 |
| co8244 | JOHNSON CTY COMM CLG | OVERLANO PARK | 17 |
| GOR25] | JOHN PERRYS BTY | torrance | 5 |
| 008254 | MILE HI REPORTING SCHOOL | OENVER | 6 |
| 008259 | StERLING AEAUTY SCH | STERLING | 14 |
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| 098303 | MARICOPA TECH C | PHOENIX |  |
| CJ8304 | SCOTTSDALE COMM COL | SCOTTSDALE |  |
| 008306 | alameda college | ALAMEOA | 5 |
| ¢98310 | AURURN UNIVERSITY | MONTGOMERY |  |
| 008312 | TRI COUNTY ACAD | MACON | 36 |
| 0 0.8316 | OES MOINES AREA COMM COLL | ANKENY | 16 |
| -38322 | DEVRY INST TECH | PHOENIX |  |
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| 208423 | INDIANA VOCATIONAL TECH | SOUTHEEND | 15 |
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| 208532 | heald college of business | hayward | 05 |
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| $0 ¢ 8713$ | san mateo college | SAN MATEO | 5 |
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| 068735 | Des moines area comm coll | DES MOINES | 16 |
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| 009010 | madisonville comm college | MADISONVILLE | 18 |
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| C09052 | UNITEO TECH INST | milwaukee | 5 : |
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| 069056 | ROGFP WILLIAMS CLG | FROVIORNCE. | 4. |
| 06905 | BETHEL COLLEGE | St PaUl | 24 |
| 7¢0.959 | fethel col semin | SI PAUL. | 24 |
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| 009096 | MANKATO BTY SCHOOL | MANKATO | 24 |
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| 209145 | GOVERNOR'S STATE UNIV | PARK FOREST | 14 |
| 309148 | TELCO INSTITUTE | LOS ANGELES | 65 |
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| 009186 | OEAN INST TECHNOLOG | PITTSGURG | 39 |
| 009187 | YESTSIDE INST TECHNOL | CLEVELANO | 36 |
| 009192 | Sierra nevaoa college | INCLINE VILLAGE | 29 |
| 009195 | CENTER COLLEGE | CHARLESTON | 49 |
| 009196 | HUTCHINSON AREA VO TECH | HUTCHINSON | 24 |
| 009202 | Manhattan medical doental | manhattan | 33 |
| 009235 | ALOEPHIA BUS SH | Philadelfhia | 39 |
| C09236 | PIMA COUNTY REDICAL INSTI | tucson | 03 |
| 309215 | SIR WALTER REAUT | HENDERSON | 34 |
| c09216 | OPTICIANS INSTITUTE | PITTSBURGH | 39 |
| 009221 | PHILLIPS COLLEGE | GULFPORI | 25 |
| ¢09223 | MANPOVER BUS TRAIN INST | MILHAUKEE | $5{ }^{\circ}$ |
| 609224 | DEVRY INST OF TECH | ATLANTA | 11 |
| 309225 | TX ST TECH INST | HARLINGEN | 44 |
| 009226 | FRANCIS MARION CLG | FLOEENCE | 41 |
| 009228 | DEVRY TECH INST | nooderidge | 31 |
| 009230 | WAYNE CTY COMM CLG | DETROIT | 23 |
| 009231 | WASH CO VC \&TECH | Caldis | $2 ?$ |
| 609232 | CATHOLIC THEOLOGICAL UN | CHICAGO | 14 |
| 009235 | CLARION STATE CLG | CLARION | 39 |
| 009236 | NIt VOCA TECH CLGE | NaShua | $3{ }^{\circ}$ |
| 009237 | BRISTOL COMMERCIAL C | BRISTOL | 43 |
| 009240 | NAIROBI COLLEGE | EASt PaLO ALTO | 05 |
| 009248 | SAMARITAN HOSP SCH/NURS | TROY | $33^{\circ}$ |


| FICE | SCHOOL | CIIY | ST |
| :---: | :---: | :---: | :---: |
| 909256 | MORAINE PK TECH INST | Fond du lac | 5 \% |
| 009257 | NORTHEAST HI. TECHN. INST | gineln fay | : |
| 0 C 9258 | WAUKESHA COUNTY TECH | PEWAUKEE | 5. |
| กcatsa | LAPAPIE COUNTY COM. COL. | CHEYENNE | 51 |
| 009265 | NORTH DAKOTA ST UNIV | FARGO | 35 |
| 009268 | kelsey jenny $C$ | SAN DIEGO | 5 |
| 009270 | NasSey JR COLLEGE | AILANTA | 1 i |
| 003272 | CRAFTON HILLS COLLEGE | YUCGIPA | 5 |
| 009275 | NORTH KY STATE COL | HIGHLANO HEIGHT | 5 |
| 009277 | E C GOODHIN TECH | NEW BRITJAN | 7 |
| 009279 | DENTAL TECHA SCH | SAN OIEGO | 5 |
| 009280 | OAK. COLL MED AS | OAKLAND | 5 |
| 309282 | nutie vo tech center | BUTTE | 27 |
| 009293 | ANDOVER INSTITU | BROCKTON | 32 |
| 009313 | OWENSBORO HUS CL | OWENSBORO | 1 H |
| 009325 | CENT CITY OCCUPAT CNT | LOS ANGELES | ${ }^{5}$ |
| n09333 | SANGAMON STATE UNIV | SPRINGFIELD | 14 |
| 0 O9336 | JOHNSTON TECH IN | SMITHFIELO | 6.4 |
| 009343 | ELEC TECH INSTITUTE | cleveland | 36 |
| 009344 | RAMAPO CLG | MAHWAH | 31 |
| 009345 | STOCKTON STATE COLLEG | POMONA | 31 |
| 009354 | HISMARCK SCH NR | BISMARCK | 35 |
| 009382 | JENNIE LAND SCHOOL | INDEPENDENCE | 26 |
| 009387 | J M PERRY/SCIENCE | YAKAMA | 48 |
| C09407 | BRIARWOOD EUSINESS CL | SOUTHINGTON | 7 |
| 209489 | central tech | SYRACUSE | $\times 3$ |
| B09411 | TAYLOR BUS INST | PLAJNFIELD | 31 |
| 309412 | UNITEO F.LEC INST | CUYAMOGA FALLS | 36 |
| 059418 | WV Career clg | HUNTINGTON | 49 |
| 009428 | ISRAEL INST OF TECHNOLOGY | HAIFA | 52 |
| 009430 | IR I COUNTY COMM COLLEGE | MURPHY | 34 |
| 009431 | UNITEO ELECTRONICS IN | DALLAS | 4 |
| 009432 | EXECUT SECRETARIAL SC | DALLAS | 44 |
| 009433 | CONTINENTA CO OF BEAU | SALT LAKE CITY | 45 |
| 009435 | SOUTHERN BUSINESS CLG | B. HAM | 1 |
| \%09439 | PATRICIA StEvens Career c | TAMPA | 1 |
| 309457 | INOPLS BUSINESS | INDIANAPOLIS | 15 |
| 009464 | PULASKI A.V.T.S. | PULASKI | 43 |
| $0 C 9465$ | SOUTHUEST GUSINESS COLL. | Plainviey | 44 |
| 009466 | SAN ANTONIO C MEDSDEN AS | SAN ANTONIO | 44 |
| C09481 | ELECTRONICS SCH | AKROV | 35 |
| 009484 | dallas manpower skill cnt | OALLAS | 44 |
| 000490 | UNIV OF EERLIN | RERLIN GERMANY | 52 |
| 009496 | EAPIIST CHRISTIAN COLLEGE | SHREVEFORT | 13 |
| 009509 | SKILL $\&$ EUSINESS CENTER | SACRAMENTO | 5 |
| 009516 | RAVENCROFT BEAUTY COLLEGE | FORT UAYNE | 15 |
| 009518 | TRI St beauty coll | EVANSVILLE | 15 |
| 009527 | 3-f SC OF BEAUTY | NEWARK | 36 |
| 009542 | COM COL OF DENVER-AURORI | DENVER | 16 |
| 009543 | COM COL DENVER-RED ROCKS | GOLDEN | 6 |
| 309544 | SPOKANE FALLS COMM C | SPOKANE | 48 |
| ¢ 39551 | FRESNO STATE C | FRESNO | 75 |
| nc9552 | american river college | SACRAMENTO | 5 |
| 069563 | INDIANA STATE UNIV | terre haute | 15 |
| 309569 | LYoia houston biy C | HOUSTON | 44 |
| 009572 | COMPUTER LEARNING CENTERS | FAIRFAX | 47 |

09591 COMPUTER LEARNING CENTER 09603 St Cloud beauty cle
009621 HISCONSIN SCH OF ELECTRON
009629 MOUNTAIN EMPIRE COM C
009630 UNIV OF WISCONSIN
09635 FLORIOA INTERNATIONAL UNI
09636 SOUTHERN UNIV
09646 PIEOHONT TECH
09647 OKLA STATE TECH INST
09664 EMPIRE BTY SCHL
009665 EMPIRE BEAUTY SCHOOL
009666 EMPIRE BEAUTY
09672 FOUR STAR BEAUTY CLG
009676 MARY FAZ10'S SCH/BEAUTY
09685 CAPITAL CTY BUS COL
09688 ELKINS INSTITUTE
09691 ELKIN INSTITUTE
09694 LINCOLN TECH C
09704 NORTH SEATTLE CO
no9705 SEATTLE COM C-CENTRAL
09713 ALASKA BUSINESS CLG
309721 BRABFORO SCHOOL
09728 HERRITT DAVIS
09736 VA FARRELL BEAUT
C09740 INVER HILLS COMM.COLLEGE
09741 U OF TEXAS AT DAL
09743 BELLEVUE COLLEGE
009747 GORDON CONUEL THSTITUTE
09747 GORDON CONWELL THEO SEM
09748 BRYMANOS MEOLCAL
09751 COMPUTER KEYPUNCH
009756 UNIV.OF MASSACHUSCTTS
09759 ANTIOCH
009760 AIRLINE COMMUNITY COLLEGE 009762 UNIVERSITY OF MAINE
009763 TULSA JUNIOR COLLEGE
009764 TUNXIS COMMUNITY COLLGE
G09765 MOHEGAN COMMUNITY COLLEGE 009768 UNIV OF TX OSTEOPATHIC SH 09776 SAWYER BUSINESS SCHOOL
09777 BRYMAN PROFESSIO
009779 LEXINGTON TECHNICAL INST
09782 ST LUKE SCH-NUR
009784 GAUDER FASHION COLLEGE
009795 MISSOURI SCM DOCTORS ASST
109796 ST BARNABAS NRS
09797 MIDLANO COLLEGE
C9800 RUSH REDICAL SCHOOL
039811 CTC EDUCATIONAL SYSTEMS
009813 SOUTHWEST BUSINESS COLLEG 009821 UNIV OF GUADALAJARA
C.O9822 PRINCE REGIONAL VOC TECH

CO9822 PRINCE REGIONAL VOC
G09824 MOSER BUSINESS SCHOOL
09826 KENNE日EC VLY YOC
009828 RET S ELECTRONIC SCH
009829 ELKINS INSTITETE

LOS ANGELES
SAINT CLOUD
OIG STONE GAP OSHKOSH MIARI
baton rouge
ROXBORO
OKLACITY
ALLENTOWN
HARRISBURG
READING
INDIANAPOLIS
LAWRENCE
PINE BLUFF
ATLANTA
NEW ORLEANS
LINCOLN
SEATTLE
SEATTLE
pittsburgh
SALEM
DETROIT 3
INVER GROVE HGT 24
DALLAS
bellevue
APPLETON
SOUTH HAMILTON
SACRAMENTO
SALT LAKE CITY HORCESTER BALTIMORE HOSSIERCITY PORTLANO
TULSA
FARMINGTON
NORUICH
FT WORTH
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| flce | SCHOOL | CITY | T |
| :---: | :---: | :---: | :---: |
| 009837 | YOUNGSTOWN CLG | YOUNGSTOHN | 6 |
| 009841 | UNIVERSITY OF NORTH FL | Jacksonville | 1 : |
| 009848 | UNIVERSITY OF DUBUQUE | dubugue | 6 |
| 509852 | Strauch beautr C | SAN ANTONIO | 44 |
| 099863 | LANCAStER GEN HOS SCH NUR | LANCASTER | 9 |
| 009865 | PEN GEN HOSP | SALISBURY | 21 |
| 009885 | DURHAM COLLEGE | HARLINGEN | 4 |
| 009888 | WATSON GEAUTY SC | CHARLOTTESVILLE | 7 |
| 009891 | ALBERT LEA VOCAIIONAL SCH | Alderi lea | 24 |
| 359892 | DULUTH BUSINESS UNIV | DULUTH | 24 |
| 009896 | OAKTON COMM CLG | MORTON GROVE | 14 |
| 009902 | SHERIDAN VOC CEN | HOLLYWOOD | 1 |
| 009903 | VANCE-GRANVILLE COMM CLG | MENOERSON | 4 |
| 099908 | PINEQROOK JR COL | E STROUDSBURG | 30 |
| $0<991 \%$ | REAUFORT TECHN EDUC CENTE | BEAUFORT | 41 |
| Cr9912 | VOLUNTEER ST. COMM. CLG. | GALLATIN | 43 |
| C59913 | KUIILMAN CK | CHATTANOOGA | 2 |
| 009914 | ROANE STATE CC | HARRIMAN | 4.3 |
| 009917 | INDIANA VOCATIONAL TECHN | INDIANAPOLIS | 5 |
| 009926 | INOIANA VOC TECH | Ft Warne | 5 |
| 009928 | PIEDAONT Va cla | CHARLOTTESVILLE | 47 |
| 069929 | S U N Y CLG OF OPTOMETRY | NEW YORK | 3 |
| C09936 | UNIV OF TEXAS PERMIAN RAS | ODESSA | 4 |
| 049932 | TEXAS STATE TECH INST | SWEETHATER | 4 |
| 069933 | TEXAS ST TECH INSTIT | GMARILLO | 44 |
| 009935 | OUNDALK COMM CG | BALTIMORE | 1 |
| 0.09936 | MIDDLESEX COMMUNITY COLL | BEDF ORO | 22 |
| 009942 | SCIOTO TECH COLL | lucasville | 36 |
| 0.09946 | AMER.AUTOM.TR.CENTER.INC | KANSAS CITY | 6 |
| 009948 | PENO SUSINESS JR COLL | RENO | $\bigcirc$ |
| 009952 | UNIV ITALIANA * STRANIERI | PERUGIA | 52 |
| T 09960 | Clover park voc | TACOMA | 49 |
| 099964 | CENTRAL OK VOC TECH | DRUMRIGHT | 37 |
| 009970 | JEFFERSON COMM CLG | LOUISVILLE | $1 \rho$ |
| CS9972 | HARLAN AREA VOC SCH | Harlan | 18 |
| 069974 | RIENVILGE TRADE SCH | RINGGOLO | 14 |
| 1009975 | NOWEST LA TRADE | MINDEN | 9 |
| 009976 | QUACHITA VOCTECH'SCHOOL | malvern | 4 |
| 059980 | GEORGE WALLACE JR. CLG. | SELMA | 1 |
| 009982 | mid-SOUTH BIBLE COLLEGE | MEMPHIS | 3 |
| 3 F 998 C | SETON LAW SCH | NEWARK | 3 ! |
| 009992 | OAK HILLS B INS | REMIDJI | 24 |
| 009993 | RYOER TECHIICAL INSTITUTE | PENNSAUKEN | 1 |
| 009994 | PASSAIC COUNTY COMM COLL | PATERSON | 31 |
| 016006 | JOHNSTOWN VOC | JOHNSTOWN | 30 |
| C10013 | CA SCH OF PROF PSYCHOLOGY | los angeles | 5 |
| 010014 | garrett comm clg | MCHETAY | 21 |
| 910020 | LEWIS 8 CLARK COMM JR CLG | GODFREY | 14 |
| 010021 | JEFTERSON MEDICAL COLLEGE | Philadelphia | 9 |
| 010422 | flagstaff | Flagstaff | 3 |
| 01n92S | MICH CTL UNIV | mi pleasant | -3 |
| 615027 | lima techisical college | LIMA | 16 |
| 112028 | CEMTRAL TX COL | AUSTIT | 44 |
| [19535 | SOUTHERN WUS COL | ORLANDO |  |
| (:10036 | Mallory tech | INOIANAPOLIS | 13 |
| :1uc3R | IN.VOCATIONAL TECH. COL. | columbus | 15 |


| FICE | SCHOOL | CITY | \$ T |
| :---: | :---: | :---: | :---: |
| 010740 | US STEEL APP NACHINIST | GARY | 15 |
| 110045 | Commercial college | MIDLANO | 44 |
| 110051 | LA GUAROIA COMM COL | LONG ISLANO CIT | 33 |
| 010053 | VOCATJONAL TECH | MUSKOGEE | 7 |
| S1GOS5 | meadville vo tec | MEADVILLE | 3 ? |
| 010056 | AIKEN TECH. | AIKEN | 1 |
| 010057 | COMMEPCIAL BU CL | ARILENE | 4 |
| 010061 | FRINCESS ANNE BUS COL | VA BEACH | 4 |
| 010064 | DELTA COMMERCE | SHREVEPORT | 19 |
| 010070 | OLIVER HARVEY CITY CL | chicago | 14 |
| 010073 | BUFFALO LAW SCHOOL | BuFFALO | 33 |
| 010076 | CUMPUTER PROCESS | E HARTFIRD | 37 |
| 210078 | LEA ROSWELL CLG | ROSWELL | 32 |
| 010097 | medgar evers col | NEW YORK CITY | 33 |
| 016101 | STEWART BEAUTY SCHOOL | APEPDEEN | 42 |
| 010104 | SOUTHWESTERN IHSTITUTE | PHX | 93 |
| 0.13112 | KS INST OF COMPU | WICHITA | 17 |
| 010113 | tucson beauty clg | TUCSON | 33 |
| 210114 | PLATT BUSINCSS COLL | KANSAS CITY | 26 |
| 310115 | UNIVERSITY OF TEXAS | SAN ANTONIO | 44 |
| c10116 | TEXAS INSTITUTE | DALLAS | 44 |
| $01 \% 118$ | JOS SCH OF BEAUT | SANTA GARBARA | 05 |
| 010121 | cugene busi col | EUGENE | 38 |
| 010126 | READING-MUHLENAERG VO | READING | 39 |
| 010128 | R I JRADES SHCPS | PROV | r |
| -10130 | MISS WADE FASHIO | dallas | 44 |
| C10131 | TYLER COMMERCIAL COL | trier | 44 |
| 410139 | BELL 8 HOWELL I | Dallas | 44 |
| 010142 | TOURO COLL PHYSICIAN ASSI | NEW YORK | 33 |
| 210151 | VINCENNES BEAUTY SCH | VINCENNES | 15 |
| 010154 | UNITED ELECTRONICS IN | OKLAHOMA CITY | 37 |
| C1C155 | allstate business | OALLAS | 44 |
| 010158 | UNIVERSITE DE BORDEAUX | talence | 52 |
| 010162 | BURNSIDE OTT FLYING | MIAMI | 1. |
| 110163 | W1 TCO | IMDIANAPOLIS | 15 |
| 010166 | PILLINGS Voc tech | 0illings | 27 |
| 110168 | OH ST SC COSMET-S HIGH ST | columbus | 36 |
| C1:172 | MCALLEN BUSINESS COLL | MCALLEN | 44 |
| 310176 | wCStMorfland comm college | YOUNGVOOD | 39 |
| 010177 | SCRANTON STATE G HOSP | SCRANTON | 39 |
| ה10181 | BOCES | algany | 33 |
| 010192 | WILMINGTOA MEC | WILMINGTON | 08 |
| 019193 | HERZING INSTITUTES | GIRMINGHAH | 01 |
| 015195 | ART INSTITUTE | FORT LAUDERDALE | 10 |
| $\bigcirc 10197$ | STEUARTS HAIRSTY | OMAHA | 28 |
| 010209 | az medodent as c | PHOENIX | 23 |
| 010214 | 1TT TECHNICAL INST | TOLEDO | 36 |
| 010222 | hroward community college | DAVIE | $1:$ |
| C10225 | UNIV OF MINN TECH CLG | WASECA | 24 |
| 010231 | STANFORD | MENLO PARK | 05 |
| 013238 | UNIVERSITY OF MAINE | BANGOR | 20 |
| 010242 | $\checkmark$ C OERKELEY | GERKELEY | 35 |
| 010245 | COMMERCIAL COLL | SHREVEPORT | 19 |
| 010246 | ITT BuS INST | ANNAPOLIS | 21 |
| 010248 | Patricia stevens school | MINNEAPOLIS | 24 |
| 010256 | BENEDICTINES CO | ATCHISON | 17 |


| FICE | SCHOOL | CITY | \$T |
| :---: | :---: | :---: | :---: |
| 010257 | CASTANO NIGHT SCHL | PALO ALTO | 5 |
| 010263 | SOUTHWEST COMPUTER COL | al buaueraue | 32 |
| ก10264 | cecils business | ashevilee | 4 |
| 010267 | TONPKINS-CORTLAND CO COLL | DRYDEN | 33 |
| C1327) | TUFTS MEDICAL SCHOOL | BUSTON | 2 |
| C10272 | EFERHARD-KAFILS UNIV | TUGINGEN | ? |
| 010279 | hickeys business | clayton | 2 b |
| 019281 | ALTOONA SCHOOL OF COM | ALTOONA | $\underline{4}$ |
| 6.10285 | CERTIFIEO LAB ASST,VA HOS | beckley | 43 |
| 0112286 | fmpire state college | BUFFALO | 33 |
| 010288 | curahoga com c-EASt | WARRENSVILIE | $\epsilon$ |
| 010295 | COLUMBIA dENTA | NEW YORK | 33 |
| 010297 | hay college | BALTIMORE | $2:$ |
| 410298 | TX $\triangle 8 M$ U MOOOY COL MAN SC | GALVESTON | 44 |
| 010304 | TEMPLE UNIVERSI | FHILADELPHIA | 37 |
| 010306 | central ney englano ceg | WORCESTER | 22 |
| 010310 | AMERCN CHRST CLG | tulsa | 17 |
| 010311 | harding college | SEARCY | 14 |
| 010313 | UNIV OF NM | AL RUPUER OUE. | 32 |
| 010315 | az dent med ast | TUCSON | 3 |
| 013316 | GREER TECHNICAL INSTITUTE | CHICAGO | 14 |
| 010318 | LIN TECH INS | OES MoInes | 16 |
| 310319 | GRYMAN MEDIX SCH | TOWSON | 21 |
| 010320 | Mİ CONTINENT AVIATION | KANSAS CITY | 26 |
| P10321 | LYONS INSTITUTE | HACKENSACK | 31 |
| 010322 | RCA INSTITUTES INC | NEW YORK | 33 |
| 010323 | HANNAH E MULLINS | SALEM | 34 |
| 010326 | State area vocational sch | HARRIMAN | 43 |
| 019327 | CHAPMAN COURT REP COLLEGE | FORT HORTH | 44 |
| 310328 | BAVOER FASHION | ARLINGTON | 44 |
| 010329 | CENTRAL BUSINESS | TEXARKANA | 44 |
| 010334 | SOUTHERN WV COMM COLL | FIHEVILLE | 49 |
| 216338 | EASTERN VA. MEDICAL SCH. | NORFOLK | 47 |
| 010340 | LOS MEDANOS COMM. CLG | PITTSEURG | 15 |
| 010345 | CINCINNATI TECH INST | CINCINNATI | 36 |
| 010356 | UNITED ELECTROAI | CHARLESTON | 40 |
| 010359 | IOUA LAXES COMM | ESTERVILLE. | if |
| 010362 | CLARK CO. COMM. COLLEGE | Las vegas | 29 |
| 010363 | westera nev comm clg | RENO-STEAD | 27 |
| 910364 | WHATCOM COM COL | GELLINGHAM | $4{ }^{3}$ |
| 210366 | texas a 8 M UNIV | COLLEGE STATION | 44 |
| ¢10367 | mekinley | CANTON | 86 |
| V10373 | ADELPHI EUSINESS SCHOOL | MINEOLA | 3 |
| 010375 | HARBOR OCCUPATIONAL CENTR | SAN PEORO | 3 |
| :10377 | SAWYEF RUSINESS | VAN NUYS | 5 |
| 016382 | NORTHEAST NEB TECK | MORFOLK | 28 |
| 010387 | EL PASO COM COL | EL PASO | 44 |
| 010398 | UNIV Of Hayali | KANCOLI | 1 ? |
| C10391 | S OKLA CY JR ClG | OKLAHOMA CITY | 37 |
| 010302 | LIAERTY BAPTIST COLL | 1 YNCHBURG | 47 |
| 010395 | SAN DIEGO UNIV | SAN DIEGO | :5 |
| 016399 | riscarne paramed clg | MIAMI | 1 |
| 01040 ? | HROWN INSTITUTE | Ft LAUDERDALf. | 1 : |
| 11c402 | DAKOTA VOCAT SC | ROSEMONT | 24 |
| 210453 | glamour ceauty acanem | MINNEAFOLIS | 24 |
| C10468 | COOPER SCH/ART | clevelamd | 36 |

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| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 010418 | INSTITUTE OF TECHNOLOGY | RENNES | 52 |
| 010421 | SAWYER CL OF EUS | LOS ANGELES | 05 |
| 010422 | HOUSTON TRAINING FUNO | HOUSTON | 44 |
| 010424 | KAUFMANS BEAUTY COLLEGE | LEXINGTON | 18 |
| 010429 | U ELECTRONIC IN | NORTH KANSAS CY | 26 |
| 010434 | RENTON VOC TEC INST | RENTON | 48 |
| 010438 | HASKELL INOIAN JR C | LAWRENCE | 17 |
| 010439 | SHELBY StATE | MEMPHIS | 43 |
| 010442 | OAKLANO COMM COL | OAK PARK | 23 |
| 310443 | ABBOTT-NW HOSP SCHOOL | MINNEAPOLIS | 24 |
| 019445 | EAST LOS ANGELES OCC CENT | LOS ANGELES | 05 |
| 310448 | THOMAS | LOS ANGELES | 35 |
| 010463 | NATIONAL TECHNICAL SCHOOL | LOS ANGELES | 95 |
| 010464 | S L MUN NUR SCH | ST LOUIS | . 26 |
| 010465 | WILFREO ACADAMY | SUCCASUNNA | 31 |
| 018466 | ELECTRONIC COM PRO INST | FAESNO | 05 |
| 010471 | AIVERNIA SCH. PRAC. NURS. | PITTSBURGH | 39 |
| 010474 | MARYMOUNT COL | PALOS VEROES | 35 |
| 010478 | BLANTON BUS CLG | ASHEVILLE | 34 |
| 010483 | fLKINS INSTITUTE | el paso | 44 |
| 61C487 | CARROLL TECHNICAL | CARROLLTON | 11 |
| 010489 | KENTUCKY BUSIN CLG | LEXINGTON | 18 |
| 010491 | SUBURBAN S.HENNEPIN VO.TE | EDEN PRAIRIE | 24 |
| 010494 | CENTRAL PA BUS SCH | SUPMERDALE | 39 |
| 010497 | CONTROL DATA INS | MIAMI | 10 |
| 010499 | GRADY HOSPITAL | ATLANTA | 11 |
| 010503 | WICHITA TECH INST | WICHITA | 17 |
| 010505 | ELECTRONIC COMPUTER PROG | OMAHA | 28 |
| 010534 | UNIV AIR TRAIN SCH | MIAMI | 15 |
| 01 S 535 | UNIVERSAL CONSTRUCTION SH | MIAMI | 15 |
| c10537 | COMPUTER DATA SC | CHICAGO | 14 |
| 010538 | S J HOSP \& HEA C | SAN JOSE | 05 |
| 110539 | NEY MEXICO TECH VOC S | ESPANOLA | 32 |
| 010541 | EMPIRE LACKAWAN | SCROUTON | 39 |
| 010546 | WHITE BEAR LAKE VOC-TECH | UHITE GEAR LAKE. | 24 |
| 010553 | ST PAUL T.V.I. | St paul | 24 |
| 010559 | COMPUTER CONTHOL DATA | CHICAGO | 14 |
| 010560 | ORAKE BUSINESS | FLUSHING | 23 |
| 010570 | YAKIMA EUSINESS COLL | YAKIMA | $4{ }_{4}$ |
| 010572 | EXEC SEC SCHOOL | bluefield | 47 |
| 010573 | CHARLESTON JOR CORPS | CHARLESTON | 49 |
| 010576 | MARY HITCHCOCK HOSP NURS | HANOVER | 3 ? |
| 010577 | UNITE COL OF RUSINE | HOLLYWOOD | 95 |
| 910579 | WEST VALLEY OCC CENTER | WOODLANO HILLS | 15 |
| 010580 | ASHLAND BUSIN CG | ASHLAND | 18 |
| 010583 | INST OF EUROPEAN STUDIES | LONDON | 52 |
| 010607 |  | ATLANTA | 11 |
| 010688 | LUTH G $\%$ O HOSP | PARK RIOGE | 14 |
| 010609 | TOLEOO SCH OF geauty | TOLEDO | 36 |
| 010622 | RON BAILIE S EROADCASTING | seattle | 48 |
| 010625 | B G BUSINESS CLG | OOWLING GREEN | 18 |
| 010626 | DELTA EUSINESS | Lafayette | 19 |
| 010627 | UNITED ELECTRON | GRANO RAPIOS | 23 |
| 019633 | houston community college | houston | 44 |
| 010634 | UNITEC ELECTRONC | LITTLE ROCK | 14 |
| 010640 | AMERICAN TRAINING SER | CHERRY HILL | 31 |


| FICE | SCHOOL | CITY |
| :---: | :---: | :---: |
| 010643 | NAT L SCH.OF HLTH.STECH. | Philadelphia |
| 010644 | PROF SEC INST | everett |
| 010645 | PROSSER VOCATIONAL SCHOOL | NEW ALBANY |
| 010652 | PASCO HERNANDO CC | DADE CITY |
| 010663 | WILMA BOYD CAREER SCH | PITTSRURGH |
| 010668 | dallas bible college | DALLAS |
| 010674 | TEXAS TEC SC Of MED | LUPGOCK |
| 019684 | ERIE COMAUNITY COLLEGE | LUFFALO |
| 010688 | RAPPAHANNOCK COM COL | WARSAU |
| 010689 | K A W VOC TECH | TOPEKA |
| 0113695 | LITCHFIELO BEAUT | LItchfield |
| 01.7698 | GERNEL HAIR COLL | GMES |
| 010699 | machine tralng Cent | KANSAS CITY |
| 010700 | JACKS.AREA ST.VOC.TECH.SH | JACKSBORO |
| 010707 | ESCONDIDO HUSINESS | ESCONDIOO |
| 010717 | great plains vo tech | LAWTON |
| 010727 | EELL \& HOWELL SCHOOLS | CHICAGO |
| . 610730 | Jan mar beauty $S$ | NEGPGRT NEWS |
| 010732 | SAN JUAN BASIN AREA TECH | CORTEZ |
| 010736 | MARION TECH CLG | MARION |
| 010741 | MELLIE © ${ }^{\text {a }}$ BEAUTY COLLG | FOPT SMITH |
| 010742 | BERKLEY SCHOOL OF NURSING | SANTA monica |
| 010746 | SWAYEN COLLEGE | atlanta |
| 015749 | MONTGOMERY BEAUTY SCH | SILVER SPring |
| 010753 | JOSEPH PATERNO COLLEG | OOVET |
| 010754 | PILGRIM ST HOS NUR SC | WEST BRENTWOOO |
| 610755 | PAT STEVENS NUR | TOLEOO |
| $? 10761$ | DALLAS INST MOPT | DALLAS |
| 010767 | marinella heauty college | SAN HERNADINO |
| 910768 | marinelloes beauty clg. | MONTCLAIR |
| 013771 | GUPTON JONES COLLEGE | ATLANTA |
| 010774 | LaFayette academy (Cors) | providince |
| 010775 | SAWYER BUSINESS | ANAHEIM |
| 017779 | Ct SCH/BROADCASt | STRATFORD |
| 010783 | Pat stevens sec | OMAHA |
| 010808 | STRATFORD WOMAN | ATLANTA |
| 0108 ¢9 | RUSH UNIV.CLG.OF NURSING | CHICAGO |
| 010810 | COMMER COLLEGE | BATON ROUGE |
| 010812 | RUTGERS MED. SCH. | PISCATAWAY |
| f.10813 | american acad meallister | NEW YORK |
| 016814 | PGH INSTITUTE OF MORTUARY | PITTSAUPGH |
| 010818 | WAYNE GENERAL/TECHNICAL | ORRVILLE |
| 01.3825 | l a co med center | los angeles |
| 013826 | TOH HANEY VOC S | PANAMA CITY |
| 519827 | Davio pressley Cosm | ROYAL OAK |
| 010834 | METRO MLO CENT SCH MD TEC | MINNEAPOLIS |
| 010836 | PIVOT POINT REAUT CULTURE | CHICAGO |
| 016846 | UNITED ELECTRONIC INS | GIRMIMGHAM |
| 216847 | ARIZONA AUTOMOTIVE INSTIT | gLENDALE |
| 310851 | CHURB INST FOR COMPUTER | SHORT HILLS |
| 019854 | CAL-WEST USIU | SAN DIEGO |
| C110857 | the american college | JEHUSALEM |
| 013859 | THE BRYMAN SCH | EAST GRUNSWICK |
| C1286S | ALTOONA VOC-TECH | ALIOONA |
| 21 c873 | TEMPLE UNIV OENTAL HY | Philadelphia |
| 019877 | SOUTH BAY COLLEGE OF OUSI | HAWTHOPNE |


| fice | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 010879 | RICHLAND COM COL | DECATUR | 14 |
| 010881 | Stark tech sch | CANTON | 36 |
| 010886 | AMORES INST HAIR OESIGN | WEST HAVEN | 07 |
| 010892 | DWYER BUSINESS CLG | INCIANAPOLIS | 15 |
| 010896 | CEM EDUCATION CTR | BATON ROUGE | 19 |
| 610903 | MASION BEAUTY COLLEGE | HAOOONFIELO | 31 |
| 010904 | MISERICORDIA hosp S x-ray | BRONX | 33 |
| 010906 | CINCINNATI CLG/MORTUARY | CINCINNATI | 36 |
| 010907 | bus careers inst | GREENSBURG | 39 |
| 010908 | memorial hosp | Johnston | 39 |
| 010909 | COLL PROFESSIONAL ASSIS | DALLAS | 44 |
| 010910 | CASCAOE C OF COM | bellingham | 48 |
| 010913 | TRANS AM EROAOCA | wausau | $5 \%$ |
| 010915 | UNIVERSITY OF EAST, ANGLIA | NORHICH | 52 |
| 010932 | EINSTIEN SCH OF RAD TECH | PHILADELPHIA | 39 |
| 310933 | RICHARD/ JOSEPH ARTIST SCH | TYLER | 44 |
| 010936 | R 1 HOSP SCH OF RESP THER | Providence | 40 |
| 010945 | Nationlide college | columaus | 36 |
| 010949 | albert beatrice sch | NEW LONDON | 07 |
| 010950 | FT UAYNE YOCAT CENTER | Ft wayne | 15 |
| 010952 | B OCES ADULT EOUCATION | LAKELANO | 33 |
| 010953 | CHESTER COUNTY VO TEC | coatesville | 39 |
| 910960 | MANSFIELD 8EAUTY ACADEMY | BOSTON | 22 |
| 010961 | TURTLE MT. COMM. COLLEGE | BELCOURT | 35 |
| 010982 | L PECOLE DES bEAUX ARTS | RIEMS | 52 |
| 010991 | CTL EVENING SCH | NEWARK | 31 |
| 010993 | HOBART SCHOOL /UELDING TEC | TROY | 36 |
| 010996 | HeSt l.a. COLLEGE | LOS ANGELES | 05 |
| 011004 | CAREERCO BUS IN | SYRACUSE | 33 |
| 911011 | INST AMERICAN INDIAN ARTS | SANTA FE | 32 |
| 011017 | MINN DRAFTING INST | MINNEAPOLIS | 24 |
| 011022 | - VA CAREER COLL | UHEELING | 49 |
| 011624 | BRYMAN SCHOOL | SAN FRANCISCO | C5 |
| 011026 | WARRENSEURG VOC-TEC | WARRENSBURG | 26 |
| 011029 | REO WING VO-TEC | RED WING | 24 |
| ,011030 | MONROE BUSINESS INSTITUTE | 8RONX | 33 |
| 011046 | CENTRAL OH TECHNICAL CLG | NEWARK | 36 |
| 011098 | FLINT 」 C | FLINT | 23 |
| 011109 | BRYMAN SCHOOL | CANOGA PARK | C5 |
| 011112 | FASHION INST | LOS ANGELES | 05 |
| C11113 | MAHARISHI IN* NATIONAL UNI | FAIRFIELD | 16 |
| 011118 | SAWYER BUSINESS COLLEGE | SAN DIEGO | 65 |
| 011119 | clair mesa beauty school | SAN DIEGO | 65 |
| 011123 | GRYMAN SCHOOL | TORRANCE | 05 |
| 011126 | GARCES COMM COL | MIAMI | 10 |
| 011128 | SAMYER SCHOOL OF BUSINESS | TAMPA | 11 |
| 0111130 | PHILLIPS EUSINESS SCH | AUGUSTA | 11 |
| 011135 | SAUYER BUS SCH | OAK PARK | 14 |
| (11138 | PARAMED CAREER ACAD | BATON ROUGE | 19 |
| 0.11142 | SAUYERS C OF BUS | DAYTON | 36 |
| 011143 | CAREER EDUCATION INST | PHILADELPHIA | 39 |
| 011145 | NORTH HARRIS COMM COLLEGE | HOUSTON | 44 |
| 111146 | THE NEY SCHOOL OF MUSIC | PHILADELPHIA | 39 |
| 011147 | ALABAMA INST OF BUS | tuscaloosa | 01 |
| 011148 | ERYMAN SCHOOL | PHOENIX | 03 |
| 111151 | SAWYER SECRETARIAL C | INDIANAPOLIS | 15 |

SCHOOL
cITY

C1115R ST VINCENT HOSP SCH ANEST WORCESTER 22
011161 TX ARI UNIV CORPUS CHRIST CORPUS CHRISTI
C11163 TYLER ST COL TYLER
011174 NEW JERSEY MED. SCH NEWAWK
$0111 B 5$ SOUTHUESTERN INDIAN POLYT ALRUQUEROUE
011190 SAWYER SCHOOL OF PUSINESS RUFFALO
111193 SAYYER RUSINESS SCHOOL ROCHESTER
11194 STANLY TECH INS ALBEMARLE
O11200 MODERN BUSINESS COLLEGE KENNEWICK
011206 PIONEER VO-TECH SCHOOL PONCA CITY
$01121\}$ RUNKER HILL COMM COL
011221 BRYMAN SCHOOL CHICAGO
$112 \times 5$ AYTI AREA YOC TECH INST) EAST ORAN
1125 GREENBRIER COMMUNITY COLL LEWISQURG FORK 24
011246 GROOKS COLL LONG BEACH
11251 SACRAMENTO MEDICAL CENTER SACRAMENTO
O11251 SACRAMENTO MEDICAL CENTER SACRAMENTO
OI1252 ST LUKES SAN FRANCISCO
11252 STKUKE
JACKSON HEM SCH
11257 ST. ALPHONSUS HOSP.
11269 GOOD SAMARITAN HOSP S
011275 PROVIDENCE MEM
MIAMI
OSP S PORTLAND
C11282 UNIV OF OKLAHOMA C OF MED
011283 ADMIRAL PERRY VO TECH SCH
11285 BROWARD COMA COLLEGE
011286 NAS WHIOBEY ISL
11287 MEDICAL CAREERS
011315 ST LUKES HOSPITAL
011322 FRAMINGHAH UNION HOSP
011328 PROVIDENCE HOSP
salt lake city
TULSA

011337 W JERSEY HOSP SCH/MED TEC
O11339 BAYONNE HOSP SC
POMPANO BEACH
OLK HARGOR
BJRMINGHAM CEDAR RAPIDS FRAMINGHAM SOUTHFIELO

333 Baronne hosp sc VOORHEES

1342 ST. CLARES HOSPITAL
011354 MERCY HOSPITAL
BAYONNE
11354 MERCY HOSPITAL - VINCENT BRONX
11358 SOMERSET COM. HOSP X-RAY SOMERSET
011364 HERMANN HOS.SCH.OF MEO.
011378 MIQ-STATE TECH INST
O11382 VA HOSP X-RAY TECH SCH
G11387 DELAWARE TECH \& COMM COLL
011392 EREVARD-COMM-CLG
11392 EREVARQ-conk clo
110 KINGS DAUGHTEASNIOR COLL
TEAS
SOMERSET
MARSHFIELO
HOOD
NEWARK
10.

11459 UNIV AISCONSIN PAAC NURS CLEVELAND
11460 UNIV NSCONSIN
1146 NATIONAL UNIVERSITY SAK DIEGO
011461 WESTMINSTER COL FLORENCE
:11462 UNIVERSITY OF ALASKA ANCHORAGE
311463 UNIV OF ALASKA JUNO
Q11473 CROZER-CHESTER MED X-RAY
©11489 SCHOOL RADIOLOG
211491 NORTH VALLEY OCCUP CENTER MISSION HILLS
011495 LOWRY AFB A T C
DEAVER BOSTON

| FICE | SCHOOL | TY | T |
| :---: | :---: | :---: | :---: |
| 011510 | BRYMAN SCH | BROOKLINE | 22 |
| 011513 | YESTBROOK BTY CL | UYOMING | 23 |
| 011516 | MAYO CLINIC | ROCHESTER | 24 |
| 011526 | ROSHELL PK MEMORJAL INST. | HUFFALO | 33 |
| 011534 | SAWYER COL OF BUS | CLEVELAND | 36 |
| 011538 | ALLENTOWN HOSP | ALLENTOUN | 39 |
| 011540 | GEISINGER MED CTR ANAESTH | OANVILLE | 39 |
| ¢11542 | mercer county vo tech | MERCER | 39 |
| 211556 | PRINCE UILLIAY EO CLASSES | MANASSAS | 47 |
| 011569 | HUNTSVILLE VOC TECH | HUNTSVILLE | 11 |
| 011572 | COLORADO SCH OF TRADES | LAKENOOD | 66 |
| 011576 | SHEPARD-GILL SCH.NURSING | BOSTON | 22 |
| 011584 | ST CHARLES HOSPITAL | OREGON | 36 |
| 011587 | MCCARRIE SCH HEALTH \& SCI | PHILAOELPHIA | 39 |
| 011590 | OU LAD OF FATIM | PROVIDENCE | 40 |
| 011591 | THOMASON GENERAL HOSP | CL PASO | 44 |
| 011592 | ST.JOSEPHS SCH.OF MED. | houston | 44 |
| 011598 | ORANGE COUNTY BUS SCH | ANAHEIM | 65 |
| 011607 | COLUMBIA U SCF INTER AFF | NEW YORK | 33 |
| 011609 | COLUMBIA U SCH OF LIBRARY | NEH YORK CITY | 33 |
| [11618 | U of texas health sci ctr | HOUSTON | 44 |
| 011629 | LEWIS HOTEL-MOTEL | UASHINGTON | c9 |
| 011631 | D J'S SCHOOL OF REAUTY | gaton rouge | 19 |
| 011636 | LAFAYETTE COLLEGE | fayetteville | 34 |
| 0.11645 | SALEM HOSP SCH | BOSTON | 22 |
| 011649 | LOYOLA-MARYMOLNT UNIV | LeS angeles | 35 |
| 011659 | ASHLAND HOSP | ASHLANO | 39 |
| 011663 | HARRIS HOSP. SCH. ANAESTH | FORT WORTH | 44 |
| 011665 | PORT ARTHUR CCLLEGE | PORT ARTHUR | 44 |
| 0111667 | NE NEBRASKA COMM | NORTOLK | 28 |
| 0.11676 | AMERICAN INSTITUTE | NEE YORK | 33 |
| C11684 | La univ nuevo l. | MONTERREY | 52 |
| 011687 | St barnabas med prac nurs | LIVINGSTON | 31 |
| 011688 | INST OF BUS TECHNOLOGY | morris plajns | 31 |
| 011697 | VINAL TECH VOC SCh | M10DLETOWN | 07 |
| 011699 | FALL RIV DIPOLMA | FALL RIVER | 22 |
| (11793 | PENTA COUNTY VOC | TOLEOO | 36 |
| 011708 | CAPRICE BEAUTY ACADEMY | JERSEY CITY | 31 |
| ¢11711 | UNIV Of HOUSTCN | CLEAR LAKE city | 44 |
| 011712 | GEMOLOGICAL INST. Of AMER. | SANTA MONICA | 95 |
| 011714 | millaro fillmore hosp | BUFFALO | 33 |
| 011715 | POTTSVILLE HOSP NURS | POTTSVILLE | 39 |
| 011724 | CREATIVE SCH HAIRDRESSING | MANCHESTER | 07 |
| 011726 | GOETHE INSTITUT | KOCHEL AM SEE | 52 |
| 011727 | DELAVARE TECH COMM COLL | DOVER | 08 |
| 011730 | INDIAN VALLEY COLLEGE | novato | C5 |
| C11736 | Kansas city nedical | KANSAS CITY | 26 |
| 011749 | WOOD COUNT VOC SCH | parkersburg | 4. |
| 011756 | mCKINLEY VOC TECH CTR | WHEELING | 49 |
| 011751 | UNITED ELECTRON | PHOENIX | 03 |
| 011793 | trade tech | LOS ANGELES | - 5 |
| 011798 | WATTS HOSP SCH NURSIN | OURHAM | 34 |
| c118c0 | FREDERICKS BEAUT | LIMA | 36 |
| 011810 | nancy taylor bus clg | chicago | 14 |
| 011811 | HEALTH OCCUP SCH | MADISONVILLE | 18 |
| 011814 | gateway elec ins | OMAHA | 28 |


| FICE | SCHOOL | CITY | ST |
| :---: | :---: | :---: | :---: |
| 011820 | Miramar college | SAN DIEGO | 5 |
| 011824 | INOTANHEAD TECH INS | NEL RICHMOND | 5 |
| 011825 | OHIO ST SCH COSMETICS | COLUABUS | 36 |
| 011830 | BERK TRADE SCHOOL | NEH YORK CITY | 33 |
| C11843 | NORUICH TECH | NORUICH | 97 |
| 011844 | RYDER INSTITUTE | TAMPA | 1. |
| 011846 | LANOWOHL. COLLEG | St louis | 26 |
| 011851 | LOVING 8 MaCK 日S | OXLAHOMA CITY | 31 |
| C11852 | UNITED ELEC INST | PORTLAND | 38 |
| 011861 | CHILOREN'S HOSPITAL | AKRON | 36 |
| 011862 | NORTHLAND FIONEER COLLEGE | SPRINGERVILLE | 73 |
| 011874 | SAN FRANCISCO HEALTH PROF | SAN FRANCISCO | 5 |
| 011878 | CA TECHNICAL | 98 | 5 |
| 011882 | blair college | OOWNE Y | : 5 |
| 011896 | academy of beauty culture | eelleville | 14 |
| 311905 | aIRCO TECH INSTITUTE | BALTIMORE | 21 |
| 011910 | data process in | SCOTCH PLAINS | 31 |
| 011912 | NYC BUSINESS SCHOOL | NEW YOAK CITY | 33 |
| C¢11914 | MIDTOWN BUSINESS SCHOOL | NEH YORK | 35 |
| 011916 | ORAKES BUSI SCH | FLUSHING | 33 |
| 011917 | ORAKE BUSINESS SCH | NEW YORK | 33 |
| 011927 | TECH COL ROCKIES | THERMOPOLIS | $5:$ |
| 011930 | ROXAURY COMHUNITY COLLEGE | ROXBURY | ¢2 |
| 011932 | SOUTHEASTERN BUSINESS COL | CHARLESTON | 4 i |
| 011936 | L FRENCH BTY AC | BLUEFIELD | 43 |
| 011937 | NORFOLK BUS SCH | NORFOLK | 47 |
| 011939 | PITTSBURGH BEAUTY ACAOEMY | GREENSBURGH | 39 |
| 011960 | IVY TECH. | RICHMONO | 15 |
| 011963 | delta school of business | baton rouge | 17 |
| C11965 | ORAUGHONS BUS CLG | SHRE VEPORT | 19 |
| 011967 | ITBT AUTO MECH | EVERETT | 22 |
| 011970 | RENTON'S SCH HAI | FLORISSANT | 26 |
| 011979 | blake gusiness sch | SMITHTOWN | 33 |
| 011980 | BROOKLYN CLG PHAPM | RROOKL.YN | 33 |
| 011985 | TAYLOR BUSINFSS INSTITUTE | NEW YORK | 33 |
| 111996 | STENOTYPE INST | NEW YORK CITY | 33 |
| 011997 | WASH TECH INST | WASHINGTON | , |
| 012002 | GALLARD BEAUTY SCH | seattee | 48 |
| 512003 | WASHINGTON TECH. INST | SEATTLE | 48 |
| 012804 | MERRITT OAVIS BUSINESS | EUGENE | 3 A |
| 012611 | EDUCATION OPPORTUNITY CTR | BROOKLYN | 33 |
| H12012 | WASHINGTON GUSINESS INST | NEW YORK | 33 |
| 012015 | AUSTIM COMMUNITY COLLEGE | AUSTIN | 44 |
| 012018 | NURSES TRAINING | houstoid | 44 |
| (12020 | VICtoria beauty college | VICTORIA | 44 |
| $\bigcirc 12027$ | GALEN College | FRES:0 | 4 |
| 912030 | RRYMAN SCHOOL | PORTLANO | $3 \%$ |
| ¢12031 | CHRISTIAN HERITAGE COL. | el cajon | 5 |
| 012033 | ROSSIER COMMUNITY COLLEGE | Rossifr city | 13 |
| 012036 | HEW MEXICO ST UNIV | Las cfuces | 32 |
| 0.12046 | HOAROMAN EEAUT AC | YOUNGSTOWN | 36 |
| ¢12048 | MCKEESPORT VO TECH. | MCKEESPORT | 70 |
| 212050 | ROSEDALE TECH IN | PIttseurgh | 37 |
| C12056 | gem city colleg | OUINCY | 14 |
| C12050 | TRINITY EIMLE INSTIT | ELLENOALE | $\pm 3$ |
| -1266 | SACRAMEHTO COL DENT \& MEO | sacramento |  |


| FICE | SCHOOL | CITY |
| :---: | :---: | :---: |
| 012069 | CAMDEN COUNTY VOC TECH | GERLIN |
| 012071 | ROCHESTER DENTAL ASSI SCH | ROCHESTER |
| 012072 | LE PONTO*S REAUTY SCH | SYRACUSE |
| 012076 | UNIVERSITY OF BARCELONA | barcelona |
| 012083 | COLL. OF ALLIEO HEALTH SC. | Philadelphia |
| 012088 | LOUISVILLE TECH INST | LOUISVILLE |
| $\bigcirc 12092$ | AMER FASHION INST | charlotte |
| 012100 | AUSTIN BEAU SCH | AUSTIN |
| 012103 | CHATTAHOOCHEE VALLEY COMM | PHENIX CITY |
| 012105 | GARLAND COUNTY COMMUNITY | HOT SPRINGS |
| 012116 | WEST PALM BEACH JR COL | WEST PALM BEACH |
| ¢12118 | MONTGOMERY COLLEGE | ROCKVILLE |
| 012126 | $W$ HOLOING TECH INST | RALEIGH |
| 012136. | UNIVERSITY OF VICTORI | VICTORIA |
| C12155 | IAMPA COLLEGE | CLEARWATER. |
| 012159 | MARSHFIELO TECHNICAL | Mar ShFIELD |
| ¢12164 | RIPLEY AREA VOC-TEC | RIPLEY |
| [12165 | ATLANTA JR COLL | ATLANTA |
| 012168 | ILLINOIS MASONIC MED CTR | CHICAGO |
| ¢12188 | VETERANS ADMIN | NEW YORK |
| 012193 | TRINITY EVANGELICAL DIVIN | DEERFIELD |
| 012248 | CLEVELANO VOC SCH OF NRS | CLEVELANO |
| 012259 | L H Bates vocat tech inst | TACOMA |
| 012262 | NORTH AMERICAN TRAINING | NEWARK |
| 012263 | A TLANTIC VOCATIONAL CENT | COCONUT Creme |
| 012267 | RETS TECH CTR | dayton |
| 012278 | ROYAL ACADEMY OF DANCING | LONDON |
| 012300 | PALMER COLL Of CHIROPRACT | OAVENPORT |
| 012312 | grano rap sch bible music | GRAND RAPIDS |
| 012362 | NORTHWESTERN BUS COLLEGE | CHICAGO |
| 012364 | CATHOLIC MED CTR NURSING | JAMAICA |
| 012425 | ney haven acacemy of busi | NEW HAVEN |
| 012427 | ERIE COUNTY COMM COLL | QRCHARD PARK |
| 012443 | LeImert park aeauty col | LOS ANGELES |
| 012448 | AMBASSADOR COLLEGE | PASADENA |
| 012452 . | EVERGREEN VALLEY COLLEGE | SAN JOSE |
| 012454 | LIberty aitale college | PENSACOLA |
| 012461 | CITTONE SCHOOL | EDISON |
| 012462 | COURT REPORT/SECRETARY IN | HACKENSACK |
| 012477 | SYLVANIA TECHRICAL SCHOOL | UPPER DARBY |
| 012500 | RANKEN TECH INSTITUTE | St LOUIS |
| 012506 | OANVILLE SCH Of PRAC NURS | DANVILLE |
| 012519 | PLAZA BUSINESS SCHOOL | QUEENS |
| 012529 | PENNCO TECH INST | PHILADELPHIA |
| 012584 | ray vogue | CHICAGO |
| C12586 | METROPOLITAN COMM COLL | OMAHA |
| 012610 | PIKEVILLE COL | Pikeville |
| 012627 | DALLAS BEAUTY SCHOOL | DALLAS |
| 012630 | L.I.f.E. BIBLE COLLEGE | los angeles |
| 012631 | UNIV. OF SAN FERNANOO VAL | ROSEDA |
| 012638 | yavapar college | Clarkoale |
| 012643 | LOUELL TECH | LOWELL |
| 012712 | MILWAUKEE AREA TECH COLL | WEST ALLIS |
| 012717 | tidewater community colle | VIRGINIA BEACH |
| 012721 | ANN MAY SCH OF NURSING | NEPTUNE |
| 012748 | SHAWNEE ST CGLL | PORTS |


| FICE | SCHOOL | CITY | $\leqslant$ |
| :---: | :---: | :---: | :---: |
| 012766 | J.D.C.PIS.GULF COAST JR.CG | GULFPORT |  |
| ©12785 | MCOONALD BEAUTY | BELLINGHAM |  |
| 012817 | NEW JERSEY INST OF TECH | NEWARK |  |
| 012820 | FOREST PARK COMM. COLLIGE | St. LOUIS |  |
| 012843 | WASHINGTON HOSP.CENTER | WASHINGTOİ |  |
| 012877 | KATHERINE GIRES | NORWALK |  |
| 012884 | GRafF area voc. TECH. SCH | SPPINGFIELD |  |
| 012905 | \{ 3 CKLEY VOC SCH | GECKLEY |  |
| 012925 | academy of scien.hair ues | NEH ORLEANS |  |
| 012930 | CHARLES\&SUE'S SCH.HAIR DR | COLLEGE STATION |  |
| 012995 | CONTINENTAL CLG of beauty | murray |  |
| 013000 | LAKE COUNTY VOCATIONAL | EUSTIS | 1 |
| 013007 | nazarene bible college | COLORAUO SPRING |  |
| 013041 | THE FASHION INST OF. DSGN | SAN FRANCISCO |  |
| 013051 | MT. SINAI SCH OF MEDICINE | NEH YORK |  |
| 013078 | MONTEREY ACAD.HAIR DESIGN | MONTEREY |  |
| 013097 | SALVATORES BEAUTY COLLEGE | SACRAMENTO |  |
| 013109 | Chabot clg--valley campus | LIVERMORE. |  |
| 013121 | SOLARI SCH OF HAIR DESIGN | LYNN |  |
| C13157 | PONTIAC BUSINESS NST. | FONTIAC |  |
| 913208 | baptist eible college | SPRINGFIELO |  |
| 013214 | MEMORIAL HOSP/SCH OF NURS | PHILADELPIIA |  |
| 013217 | MELBOURN VOC SCH | MELBOURN |  |
| C17582 | SOUTHERN IL. UNIV | CARBONOALE |  |
| 020046 | UNIV. OF MISS.-LAW | OXFORD |  |
| 029019 | LUTHERAN AIBLE INSTITUTE | SEATTLE |  |
| 029034 | Watterson college | LOUISVILLE |  |
| 029037 | DANIEL HALE WMS.UNIV. | CHICAGO |  |

Appendix C. 12
... - Codes for Other Types of Credits for First Follow-Up Question
41CC(FQ), Second Follow-Up Question
42C(SQ), and Third Follow-Up
Question 87C(TQ)

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Codes for "Other Type of Credits - Specify"
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Codes
01 Quarter hours, trimester hours
02 Semester hours
03 Courses, course credits (unless numbers given indicate otherwise)

Semesters
Clock hours
Months
07

08
09

10
11
12
13
14
15
16
17
18

Don't know, illegible, refusal
blank, none
Legitimate skip

Summer school, type of credit
unspecified
Quality points

Unspecified type of credit hours

Subject area and unspecified type
Continuing education
Full year course
CLEP, advanced placement testing
High school
Correspondence courses
Quarters
Years in school
Military
Night course, type of credit unspecified

Miscellaneous

Credits, units, points unspecified, 4-1-4 term -

| cademic, junior collede, APS, college, fraduate, ork at 〔actory, sewing, in field, if ? go to college, ourso, general, electivas, erious, classes, by tests, winmester, cumulative, Janary term, associate degrec, rientation, special appreniceship progran, trainins, hours, term, 48 in English, locks |
| :---: |

Exariples


[^0]:    David Sweet, Director Division of Multilevel Education Statistics NCES

[^1]:    ${ }^{3}$ Questionnaires were mailed to the last known addresses of the sample members whose addresses appeared sufficient and correct and who had not been removed from active status by prior refusal, reported death, or other reason.

[^2]:    4 The total number of classes that would be defined by a cross-tabulation of these stratification variables is far greater than the number of cases that could, in fact, have been utilized in the stratification. Consequently, it was necessary to consolidate or ignore, in some instances, some of the stratification criteria through a procedure for assigning priority to the variables. A determination of the final strata involved these priority considerations, but also involved judgment in consolidating the various classes to produce strata of the desired sizes.

[^3]:    5 Income for any area was based upon either an adjusted 1960 Census median income of the county containing the school or the average adjusted gross income determined from the 1966 tax returns with the same five-digit ZIP code as that for the school. The minority group enrollments for individual schools were determined from either the records of the Office of Civil Rights or the 1970 Census data by counties.

[^4]:    6 See Appendix $H$ for a more detailed presentation of school participation and student response rates.

[^5]:    ${ }^{7}$ A more detailed discussion of the Retest Study subsampling design is given in Appendix G, Section VIII.

[^6]:    Unless otherwise indicated, copies of all NLS survey instruments are provided in Appendix A.

[^7]:    Considerable care should be exercised in using these weights which were computed by ETS during the base year study, since they are not strictly applicable to the expanded sample. Moreover, due to addition of SRIF and Test Battery data to the file after computation of these weights (through sample augmentation and/or late data returns) zero weights are associated with cases for whom data elements are available. Additionally, peculiarities of coding have led to atypical codes for these weights, which may introduce problems when using certain statistical packages (see frequency distributions in Appendix P).

    Weights appropriate for the specified combinations with non-key Third Follow-Up items can be obtained by multiplying the indicated weight by the variable TELMUT (see Appendix $G$ for detail).Weights appropriate for the specified combinations with non-key Fourth Follow-up items can be obtained by multiplying the indicated weight by the variable TELMLT4 (see Appendix $G$ for detail). *-

    Weights appropriate for the specified combinations with non-key Third and Fourth Follow-Up items can be obtained by multiplying the indicated weight by the variable TELMLT34 (see Appendix G for detail).

[^8]:    9 Due to the proprietary nature of the test items, a copy of this instrument has not been provided. Formula and scaled subtest scores exist on the data file described in this manual; however, raw items scores and correct-incorrect totals exist on a separate file.

[^9]:    ${ }^{10}$ A minimal amount of data about the student's high school exist on the data file described in this manual; however, responses to these school-level instruments have been coded on a separate school file that can be merged with this NLS data file. Since the forms are not directly applicable to this data base, copies are not included.

[^10]:    11 Although this questionnaire was administered as a special survey operation, its administration was concurrent with the second follow-up data collection, and, thus, is listed as a second follow-up instrument. Raw data from the questionnaire is not included in the file but has been incorporated into 1972 and 1973 activity states on the file and composite values (see Section III.D).

[^11]:    12 As suggested, these questionnaires were distributed only to those missing more than one but no more than four of the data blocks (see Section III.F). Supplemental questionnaire data is provided separately on the data file and has not been integrated into the corresponding missing data fields of the first, second, or third follow-up questionnaire data.

[^12]:    A copy of the test battery is not provided due to the proprietary nature of the test items. Total Vocabulary and Mathematics scores are available on the NLS data file, as well as their associated formula scores. Complete item responses are available on a separate file.
    14
    For additional detail, see T. L. Hilton and H. Rhett. The Base-Year Survey of the National Longitudinal Study of the High School Class of 1972 (Final Report), Princeton, New Jersey: Educational Testing Service, June 1973. 15

    Of these, 18,672 were from primary or backup schools, 329 from "extra" schools (see Section I.B).
    16
    It was intended that these additional students, who did not complete the Student Questionnaire in spring 1972, would be sent Form B of the First Follow-Up Questionnaire to obtain some base-year student information retrospectively. 17 For greater detail see Report on the Data Collection Activities of the First Follow-Up: The National Longitudinal Study of the High School Class of 1972. Survey Operations Center, Research Triangle Institute, Research Triangle Park, N.C., February 1974.

[^13]:    18
    The 329 additional individuals from 18 "extra" schools were excluded from the first follow-up survey.
    ${ }^{19}$ A list of resurvey students was provided by USOE.
    20 A more detailed presentation is available in D. A. King, M. F. Weeks, N. R. Thorne, and C. S. Myers, Data Collection Activities for the Seocnd Follow-Up (August 1974 June 1975). Final Report, Research Triangle Institute, Research Triangle Park, N.C., July 1975.
    21
    This figure includes 329 base-year "extras." These were base-year respondents from backup schools who were to be included in the NLS second follow-up effort in January 1975 and were scheduled for personal interview in the second follow-up survey.

[^14]:    22 Data collection for a reliability study also was conducted concurrently by both mail survey procedures and personal interviews with a subsample of 600 study members.
    23
    A more detailed discussion of this survey is available in King et al., 1975, Op. cit. and also in J. R. Levinsohn, National Longitudinal Study of the High School Class of 1972: Special Activity State Survey and Second Level of Edit Activities, Research Triangle Institute, Research Triangle Park, N.C., March 1976.

[^15]:    24 A more detailed presentation is available in D. A. King and N. R. Thorne, National Longitudinal Study: Data Collection Activities for the Third Follow-Up (July 1976 through June 1977), Final Report. Research Triangle Institute, Research Triangle Park, N.C., September 1977.

[^16]:    ${ }^{25}$ For additional detail, see D. A. King, National Longitudinal Study: Data Collection Activities for the Fourth Follow-Up. (October 1979 through April 1980), Technical Report. Research Triangle Institute, Research Triangle Park, N.C., May 1981.

[^17]:    26 During personal interviews, the entire questionnaire was administered, but during telephone interviews, only critical items that were suitable for telephone administration were administered (see Appendix B).
    27
    This group was defined by all eligible sample members missing no more than one of the first through third follow-up questionnaires but missing two or more items in at least two but no more than four of eleven critical data blocks (see Section II.E. 2 and The Supplemental Questionnaire in Appendix A). 28

    While results of this additional testing are recorded on the data file, the group defined does not represent a probability sample and thus weights are available only for those 692 subsample members who completed the test.

[^18]:    29 Base-year data preparation procedures are documented in T. L. Hilton and H. Rhett (1973), Op. cit. Considerably greater detail on follow-up data processing is provided in Appendix D.
    30
    See Appendix $B$ for a complete list of critical or key items in each follow-up instrument.

[^19]:    31 There were minor differences in manual coding from survey to survey. Specific data processing rules peculiar to particular follow-up instruments are described in detail in Appendix D.
    32
    These FICE codes have been updated such that each FICE code is unique for a particular school name and address across the entire NLS data base. Thus, for some schools, these codes may differ from those found in previous NLS data files. The alphabetic fields containing the school name and location (city and state) have been retained in the file, and RTI FICE Code Directories including FICE codes and corresponding school name and address information are found in Appendixes C. 10 and C.11.
    ${ }^{33}$ R. A. Huff and M. O. Chandler, A Taxonomy of Instructional Programs in Higher Education, Catalog No. HES. $\overline{250: 50014, ~ U . ~ S . ~ G o v e r n m e n t ~ P r i n t i n g ~ O f f i c e, ~}$ Washington, D. C., 1970.

[^20]:    34 The following first follow-up questions received 93 codes: 1, 16, 22A, 24, 29B, 31, 35, 38, 44B, 48B, 54B, 62, 63, $71,76$.

[^21]:    36 Both the 98 and 99 codes are further defined, with examples, in Section VII of Appendix D.
    37 The 71 free-format items in the first follow-up include responses outside the specified range of acceptable values.

[^22]:    38 Sample weights for the students on the file have been adjusted to account for the 799 exclusions (see Appendix G).
    39
    Continuous or quasicontinuous variables with a large range of values are presented in condensed frequency distributions. Fields that contain alphabetic information also are presented in condensed frequency distributions.
    40 Test batteries are not included due to the proprietary nature of the test items.

[^23]:    41 Appendix $I$ presents an alphabetical listing (by mnenomic label) and description of each data item in the file that is not directly obvious from the questionnaires, with cross-references to other appendixes.

[^24]:    Retest Formula Scores (FTFU).
    11464-11475

[^25]:    Note that base-year items 81 through 95 ( $\mathrm{BQ} 81-\mathrm{BQ95}$ ) are not in their expected sequence in the data file; rather, they appear following base year item 31 (BQ31),

[^26]:    42 The purpose of the two indicators is explained in Appendix $G$.
    43 Computation for formula scores was $\mathrm{FS}=\mathrm{R}-[\mathrm{W} /(\mathrm{C}-1)]$; where $\mathrm{R}=$ number of right responses; $W=$ number of wrong responses, and $C=$ number of item response alternatives.

[^27]:    44
    Retest formula scores were computed using the same algorithm that was employed in the computation of base-year test battery formula scores (see footnote 43, p.43).

[^28]:    45
    Data availability figures provided in Table 5 refer to instrument return and, thus, represent the maximum data availability for particular datum from an instrument (or combination of instruments).
    46
    If one is concerned with only certain base-year items (Form B items), then data is available for another 3,881 Form $B$ respondents from the first follow-up yeilding a total of 17,993 cases with at least partial data for all four time points.

[^29]:    1/ Abbreviations used to represent each instrument are: TEST = Test Book
    SRIF $=$ Student's School Record Information Form
    RASE = Base-Ycar Student Questionnaire
    lst $=$ First Follow-Up Questionnairc
    2nd $=$ Second Follow-Up quest ionnaire
    3rd $=$ Third Follow-Up Questionnaire
    $4 \mathrm{th}=$ Fourth Follow-llp Questionnaire
    2/Only paterns of instrument rompletion which have an $N$, 400 are included in this table.

[^30]:    48 A careful study of the patterns of present and missing instruments and their associated weights (see Appendix G) will illustrate the adjustment process and the assumptions inherent in its application.

    Combinations using "either or" definitions are also possible, but such combinations are typically of little analytic usefulness (for a possible exception, consider the group defined by weight $W 2$ - Table 2 in Part 2) and are not considered here.

[^31]:    50 A. S. Larsen, M. E. Watson, D. P. Duncan, J. A. Riccobono, and G. J. Burkheimer, Tabular Summary of the Fourth Follow-Up Questionnaire Data, Research Triangle Institute, Research Triangle Park, N.C., March 1981. 51
    B. V. Shah, M. M. Holt, and R. E. Folsom, Inferences About Regression Models, Research Triangle Institute, Research Triangle Park, N.C., January 1981. 52 See M. E. Taylor, C. E. Stafford, and C. Place, National Longitudinal Study of the High School Class of 1972 Study Reports Update: Review and Annotation, Research Triangle Institute, Research Triangle Park, N.C., May 1981.

[^32]:    *See manual for coding instructions.

[^33]:    (a) Date of birth BIRTHMON
    imonth BIRTHDAY $\qquad$ |day) BIRTHYR (year)
    (b) Sex: (Circle one.) Male ..............

    Fernale ...... 2
    (c) Social Security No.
    (d) Driver's License NoState
    (e) When did you complete this questionnare" CMP-MON month) CMP-DAY (day) CMP-YR _ivear:

    THANK YOU FOR YOUR COOPERATION

    THIS INFORMATION WILL BE KEPT IN STRICT CONFIDENCE AND WILL BE USED ONLY FOR FUTURE FOLLOW.UPS IN THE NATIONAL IONGITUDINAL STUDY OF THE HIGH SCHOOL CLASS OF 1972

[^34]:    . 1
    $\therefore G O T O Q . \therefore .17$ 3 ]

[^35]:    *See manual for coding instructions.

[^36]:    Make sure you have circied at least one number in each column.

[^37]:    ${ }^{\prime}$ Pay grades 01 through 09 only appear as responses in TQ124, and FT160, since these codes indicate an officer classification.

