

FINAL REPORT

DRIVER EDUCATION PROGRAM STATUS REPORT:
SOFTWARE SYSTEM

by

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ABSTRACT

In April of 1980, a joint decision between Research Council personnel and representatives of the Department of Education was reached, and a project was undertaken by the Research Council to provide a software system to process the annual Driver Education status report questionnaire. The primary function of this software system is to provide two reports: a summary of the questionnaire responses and a relatively complex report identifying schools involved in, or not involved in, each of ten activities. The secondary function of this system is to provide two files of specific data related to Driver Education used in the preparation of the Annual Highway Safety Plan and the Driver Performance Report. Both of these functions previously were performed by hand, requiring over one man-month of effort with the attendant susceptibility to error. This report describes the Driver Education status report software and serves as the data processing reference material for running the system on the Central Computing Center's IBM 370/145.

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SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

Conclusions

A software system was developed for use by the Driver Education Statistical Services Group that provides a summary of Driver Education activities and an exception report. The system was designed around a modified version of a questionnaire that has been hand-processed for several years. With this system, a minimum of effort, approximately three man-days, is needed to provide timely, error-free reports.

Recommendations

This system is now in place on the central computer and should be run once a year, no later than August 1, using data gathered by a questionnaire distributed to participating schools no later than May 1.

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INTRODUCTION

The Department of Education has been sponsoring a driver education program since the early 1940's. A simplistic form of the present-day status report was first used in the late 1940's in response to the National Safety Council's (NSC) desire to know the number of students enrolled in driver education classes. To encourage these enrollments, the NSC offered an annual award of which Virginia was an early winner. The driver education program has grown continuously from its 10% participation in the early 1940's to greater than 90% participation in the late 1960's, when a law was enacted raising the license age from 16 to 18 for those without driver education certificates.

The status report, too, has grown over the years to a sophisticated document that serves federal reporting requirements as well as in-house program evaluation needs. Traditionally hand-processed, this task has grown to demand more than a man-month of administrative time. This project was undertaken in April of 1980 to provide a timely driver education status evaluation with a minimum manpower commitment through automated data processing. A preliminary system was implemented to process the 1980 report; this document describes a revised version of the 1980 system.

PURPOSE AND SCOPE

It is the purpose of this report to document the procedures and computer software necessary for producing the annual Driver Education program status reports. This project was undertaken by the Research Council at the request of Driver Education administrators in order to satisfy two objectives: (1) to provide automated production of two status reports presently developed manually, and (2) to generate data files containing information, presently gathered manually, required for the Annual Highway Safety Program report and the Driver Performance report. This software system is designed to be used and maintained by the Driver Education Statistical Services Group on the Central Computing Center's IBM 370/145.

GENERAL DESCRIPTION

This system of programs concerns the status of driver education instruction in the schools of Virginia. Figure 1 provides a system flow-chart of the procedures and their relative timing needed to produce reports used to evaluate Virginia's driver education programs.

The major source of information is the "Driver Education Status Questionnaire" (Appendix A), which is mailed about May 1 of each year to all public and private schools that teach driver education. (Commercial schools teaching driver education are not included in this survey.) Public schools are required to offer a state-approved course, including both classroom and in-car instruction. Private schools are not so required; however, those offering any driver education program are sent questionnaires. All questionnaires are returned to the Virginia Department of Education by mid-June. Each form is then visually scanned for missing data. Schools which left questions unanswered are called and asked for the information they omitted. The questionnaires have a seven-digit school code, the first three digits giving the division or locality and the last four the particular school within that division. Parochial schools, however, do not use division codes consistent with their locality. Since the school division is needed by the program that produces the Exception Report, during the editing of the questionnaires the codes for parochial schools are changed to make them conform to those of the public school system.

After the visual scanning, the questionnaires are sent to data processing, where the responses are keyed and saved on a disk file. The first program in the system, C801, is then run to edit this file. This program checks for a few basic data errors and produces a list of numbers of questions where discrepancies are found and the names and codes of those schools for which questionnaires have not been received. After the Department of Education receives this error list, they make the necessary corrections and resubmit the questionnaire to data processing, where they are keyed and inserted in the file in place of the originals. Editing program, C801, is then run again, using the revised file. When an error-free version of this file is ready (approximately July 15), the two analysis programs in the system, C802 and C803, are run.

Program C802 produces the frequency tabulation report, which summarizes the answers given on the questionnaires. Depending on an option card, the program will tabulate public school questionnaires or private school questionnaires. The report produced by the program follows the questionnaire format for ease of interpretation. For questions requiring the responses "yes" or "no", the report prints the number of schools that answered "yes". For questions requiring a numerical answer, the report writes the statewide total of all numbers. The tabulation part of the report is the same for public and private schools. An additional page of the report differs for the two categories. This page provides general information used to satisfy specific federal reporting requirements and represents a tabulation of certain elements of the questionnaire along with the presentation of data input directly on the program option card.

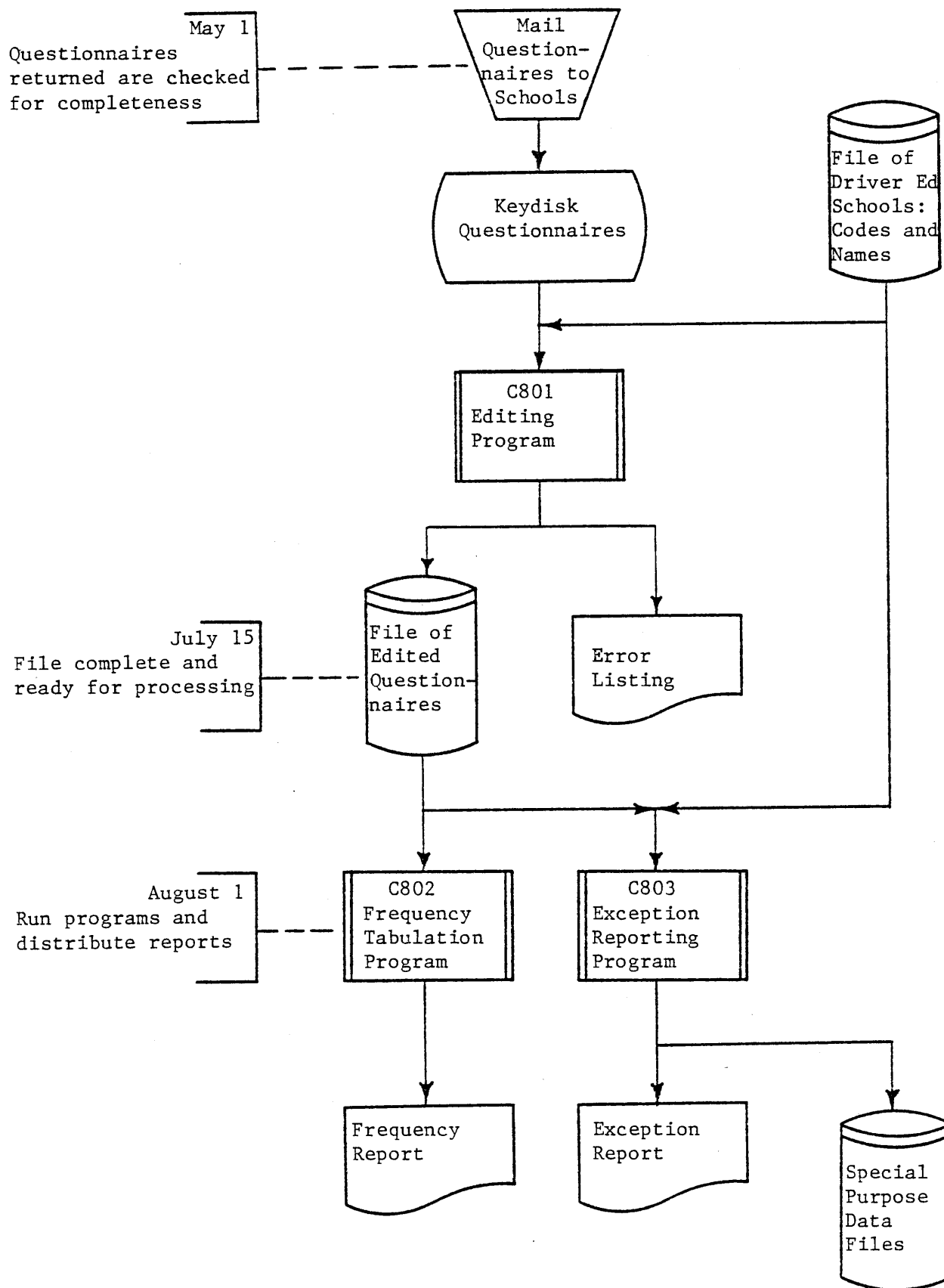


Figure 1. Driver education school status report system flowchart.

Program C803 is referred to as the exception reporting program. This program produces ten lists of schools, by division, that have particular characteristics of interest to the Department of Education. "Exception report" is something of a misnomer, since only four of the ten lists include schools that are "not" doing a particular activity while the other six lists include schools that do perform the activity of interest. This program uses two input files: the file of edited questionnaire responses and a file that contains the names of all schools teaching driver education along with their associated division and school codes. An output file containing 146 records, one for each locality, is produced. This file will serve as input to a program used to develop Highway Safety Plan reports. An output file containing the school code, type of program, and the number of students completing the approved program, is also produced. This file will serve as input to the driver performance report program.

COMPONENTS OF THE SOFTWARE SYSTEM

Driver Education Questionnaire Edit Program (C801)

This COBOL program, C801 (Figure 2), edits the data keyed from the driver education school status report questionnaire. The questionnaires are manually checked, parochial school codes being converted to the appropriate division code, and then are keyed to a disk file. The program reads this file, printing an error report and creating a disk file of edited questionnaire data for subsequent processing.

Inputs to the program are (1) a file of data from the questionnaires (470 characters/record), (2) a date card with the school year (19XX-XX) in columns 1-7, and (3) a file of school names and codes. This file is maintained by the Department of Education Statistical Group as a card deck and must be copied to the disk before running C801. Outputs are (1) a file of edited questionnaire data with one 470 character record for each school surveyed, (2) a report listing questionnaires and question numbers with improper responses, and (3) a listing of schools without questionnaires.

The questionnaire data are in two formats: questions requiring a "yes" or "no" response such as "Did your school conduct a motorcycle driver education course?" or questions requiring a numerical response, such as "How many students completed a motorcycle driver education course?" In keying the data, 1's are coded for "yes" responses, and 2's are coded for "no" responses. The numerical responses are keyed as they appear on the questionnaire. The edit program (C801) reports a data item in error if it is a yes/no response item with a value other than 1 or 2, or if it is a numerical response item with a value that is less than zero or not numeric. Yes/no response items in error are assigned a value of 3 and numerical response items in error are assigned a value of zero before the data are written to the file of edited questionnaires. The programs (C802, C803) that produce the driver education reports interpret "3" as "no response" on a yes/no item and zero as a valid response for a numerical item.

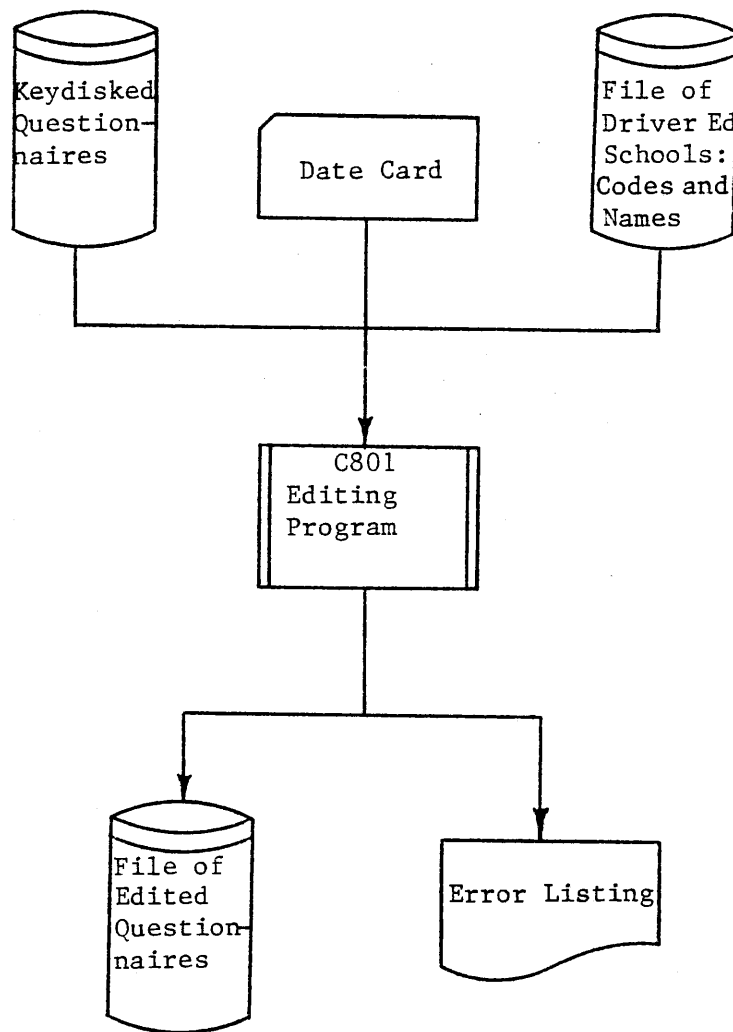


Figure 2. Edit program flowchart.

The program produces a report to indicate questionnaires with errors. For each questionnaire with errors, the program prints a line showing the division code, the school code, and the numbers of the questions with errors (Figure 3). Even though the program checks 80 items, at most 8 items with errors are printed. The limit of 8 allows the edit report to be brief, and any questionnaire having more than 8 errors warrants a complete review. Special messages are printed for questionnaires having more than 8 errors, questionnaires with an invalid school code, and duplicate questionnaires for any school. The first questionnaire for each school will be written to the file of edited questionnaires; any duplicates will not be written to the file. A second report (Figure 4), listing schools for which questionnaires have not been edited, results from comparing those edited with the driver education file of school codes.

Frequency Tabulation Program (C802)

This program has two purposes: to tabulate answers to a questionnaire on driver education, and to produce a summary report for federal reporting. There is a questionnaire for each school in Virginia, public or private, that teaches driver education. The answers given on the questionnaires are keyed and edited with one 470 character record for each school. Program input includes this edited file along with one or two option cards. The flowchart for this program is shown in Figure 5.

The program first reads an option card. This card has the word "PUBLIC" or "PRIVATE", determining whether public or private schools are to be tabulated. The card also has the school year and, for public schools, several statewide figures used for the summary report. The option card format is shown in Table 1.

TABLE 1

TABULATION PROGRAM OPTION CARD FORMAT

| | Columns | Content |
|---|---------|---|
| | 1-7 | "PRIVATE" or "PUBLIC" to designate type of output desired |
| | 8-13 | Blank |
| | 14-20 | School year written "19XX-XX" |
| Statewide figures for public schools only | 21-30 | Tenth grade enrollment this year |
| | 31-40 | Number of students completing driver education course in preceding year |
| | 41-50 | Number of endorsed teachers this year |

C801 - 7/18/80

1979-80

EDIT REPORT

| <u>DIVISION</u> | <u>SCHOOL</u> | <u>QUESTIONS WITH POTENTIAL ERRORS</u> |
|-----------------|---------------|--|
| 002 | 0880 | 8B |
| 008 | 0680 | 16C, 16D, 16E |
| 018 | 1230 | 7B, 8B |
| 022 | 0280 | 16A, 16B, 16C, 16E, 16F, 16G, 16H |
| 038 | 0421 | 17C |
| 049 | 0280 | 11B |
| 080 | 0630 | 16B, 16C |
| 083 | 0791 | 17C |
| 086 | 0120 | 7A, 8B, 8C, 16F |
| 094 | 1040 | 16H |
| 098 | 0020 | 18 |
| 108 | 0210 | 17C |
| 143 | 0370 | 3A |
| 202 | 0010 | 17C |

Figure 3. Typical edit program (C801) output. (Type 1)

C801 - 1/26/81

1979-80

EDIT REPORT - NO QUESTIONNAIRE FOR THESE SCHOOLS

| <u>DIVISION</u> | <u>SCHOOL</u> | <u>SCHOOL NAME</u> | |
|-----------------|---------------|---------------------------|---|
| 001 | 0550 | SPECIAL ED. CENTER | ○ |
| 054 | 8020 | PIEDMONT CHRISTIAN SCHOOL | |
| 060 | 0760 | BLACKSBURG HIGH | |
| 082 | 0020 | SPOTSWOOD SR. HIGH | ○ |
| 087 | 9010 | SOUTHAMPTON ACADEMY | |
| 101 | 9030 | ST. MARY'S ACADEMY | |
| 101 | 9040 | ST. STEPHENS SCHOOL | ○ |
| 118 | 0990 | REGIONAL SPECIAL EDUCATIO | |
| 118 | 9041 | NORFOLK CHRISTIAN HIGH | |
| 120 | 5010 | FEDERAL REFORMATORY | ○ |
| 121 | 9060 | ALLIANCE CHRISTIAN HIGH | |
| 137 | 0678 | LEXINGTON HIGH | ○ |

Figure 4. Typical edit program (C801) output. (Type 2)

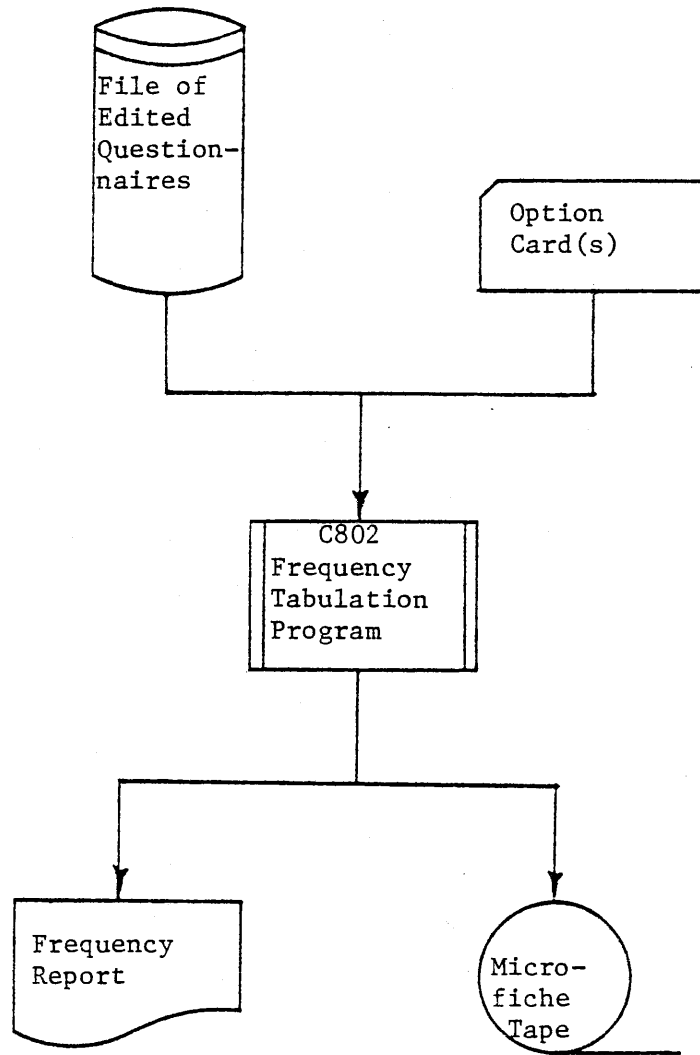


Figure 5. Frequency tabulation program flowchart.

Next, the program reads the questionnaire file, record by record, posting responses in their appropriate position in a table.

After the entire file of questionnaire responses has been read, the program prints the results. The tabulation part of the output is patterned after the questionnaire to facilitate interpretation and is printed using 8½" x 11" format to facilitate duplication. An example of the four pages of this output is shown in Figures 6 through 9.

The fifth page differs for public and private schools. For public schools several of the values on this page (Figure 10) are read directly from the option card while the others and all those shown on the private report (Figure 11) are derived from the questionnaire data. Appendix B describes the development of these numbers.

Upon completion of each report, the card file is examined for additional option cards. A complete report is provided for each option card read. All printed output is also written to a magnetic tape file, which is used to produce a microfiche version of each report.

Exception Reporting Program (C803)

This COBOL program (Figure 12) reads the file of edited questionnaires and produces a report consisting of ten lists of public schools sharing certain driver education instruction characteristics. Some lists also show other information, such as the number of students in a particular curriculum. The lists (Figures 13 through 22) are:

- 1) Schools conducting driver education programs using simulation
- 2) Schools using the ETV series of Sportsmanlike Driving
- 3) Schools offering adult courses or a driver improvement program (includes the number of persons completing these courses)
- 4) Schools offering driver education at the ninth grade level (also shows which semester the ninth grade program is offered)
- 5) Schools not using form S-7 when securing automobiles
- 6) Schools not offering a summer driver education program (shows classroom and in-car programs)
- 7) Schools not conducting the learner's permit exam on the school site
- 8) Schools not using a textbook in driver education
- 9) Schools using the driver education services seat belt convincer (includes number of students)
- 10) Schools using Virginia Department of Transportation Safety psychophysical testing devices, seat belt convincer, or film library.

Inputs to the program are (1) the file of edited questionnaire data, (2) a file with the school code and the school name for all schools teaching driver education, and (3) a date card with the school year (19XX-XX) in columns 1-7. Outputs are a report using an 8½" x 11" format consisting of the ten lists (noted above) for public schools only, a file of data for public and private schools summarized by school division used in the Highway Safety Plan report, and a file of program types used for producing the driver performance report. The input file of school codes and names is the same file used by the edit program (C801). All printed output is also written to a magnetic tape file, which is used to produce a microfiche version of each report.

C802 - 2/03/81

1979-80 VIRGINIA DRIVER EDUCATION FACTS
PRIVATE AND PAROCHIAL SCHOOLS

| | | | |
|---|----------------------|----------------|---------------|
| 1. SCHOOLS OFFERING DRIVER EDUCATION PROGRAM | | | 85 |
| 2. TOTAL 10TH GRADE ENROLLMENT | | | 4187 |
| 3. STUDENTS COMPLETING COURSES | <u>SUMMER</u> | <u>REGULAR</u> | <u>TOTAL</u> |
| A. STATE-APPROVED PROGRAM | 120 | 2062 | 2182 |
| B. CLASSROOM ONLY | 51 | 2376 | 2427 |
| C. IN-CAR ONLY | <u>160</u> | <u>794</u> | <u>954</u> |
| TOTAL: | 331 | 5232 | 5563 |
| D. MULTIPLE-CAR RANGE | 134156 | 278170 | 412326 |
| E. SIMULATOR | 4025 | 167 | 4192 |
| 4. SCHOOLS OFFERING | <u>SEMESTER: 1ST</u> | | <u>2ND</u> |
| A. NINTH GRADE CLASSROOM INSTRUCTION | | 1 | 0 |
| B. TENTH GRADE CLASSROOM INSTRUCTION | | 0 | 0 |
| C. ELEVENTH GRADE CLASSROOM INSTRUCTION | | 0 | 0 |
| D. TWELFTH GRADE CLASSROOM INSTRUCTION | | 0 | 0 |
| 5. SCHOOLS OFFERING ELECTIVE PROGRAM BY AGE | | | 0 |
| 6. DRIVER ED. PART OF HEALTH AND PHYSICAL EDUCATION | | | 0 |
| 7. COURSE SCHEDULING | <u>CLASSROOM</u> | | <u>IN-CAR</u> |
| A. REGULAR COURSE | | 25 | 0 |
| B. DURING STUDY HALL | | 4 | 0 |
| C. BEFORE SCHOOL | | 1 | 12 |
| D. AFTER SCHOOL | | 0 | 1 |
| E. ON WEEKENDS | | 0 | 0 |
| F. DURING SUMMER | | 0 | 0 |
| G. OTHER | | 0 | 0 |
| 8. SCHOOLS WITH OWN COURSE | | | 0 |
| 9. SCHOOLS USING THE FOLLOWING TEXTBOOKS: | | | |
| SPORTSMANLIKE DRIVING | | | 0 |
| DRIVING: A TASK ANALYSIS APPROACH | | | 0 |
| DRIVER EDUCATION AND TRAFFIC SAFETY | | | 0 |
| IN THE DRIVERS SEAT | | | 0 |
| YOUTH AT THE WHEEL | | | 0 |
| TOMORROWS DRIVERS | | | 2 |
| DRIVE RIGHT | | | 0 |
| SAFE PERFORMANCE DRIVING | | | 0 |
| CAUTION: DRIVING AHEAD | | | 0 |
| LEARNING TO DRIVE DEFENSIVELY | | | 0 |
| OTHER | | | 6 |

Figure 6. Tabulation program (C802) output - page 1.

C802 - 1/26/81

1979-80 VIRGINIA DRIVER EDUCATION FACTS
PUBLIC SCHOOLS

| | | |
|--|-----------------------|-----------------|
| 10. SCHOOLS WITH CURRICULUM GUIDE FOR EACH TEACHER | | 0 |
| 11. SCHOOLS WITH DRIVER EDUCATION SUPERVISOR | | 0 |
| 12. TEACHER IN-SERVICE TRAINING PROGRAMS ATTENDED | | 7675 |
| 13. PROGRAM TYPES | <u>NO. OF COURSES</u> | <u>TEACHERS</u> |
| A. CLASSROOM | 897 | 771 |
| B. ON-STREET | 3 | 1 |
| C. RANGE | 5 | 5 |
| D. SIMULATION | 1617 | 682 |
| 14. SCHOOLS USING THE FOLLOWING: | | |
| A. PSYCHOPHYSICAL TEST DEVICES | | 3 |
| B. DOE SEAT BELT CONVINCER | | 3 |
| C. OTHER SEAT BELT CONVINCER | | 3 |
| D. VOTS FILM LIBRARY | | 3 |
| E. VASAP VAN | | 3 |
| F. VIRGINIA STATE POLICE | | 3 |
| G. OTHER | | 3 |
| 15. STUDENTS USING DOE SEAT BELT CONVINCER | | 775950 |
| 16. SCHOOLS WITH MULTIPLE-CAR RANGE | | 5 |
| 17. SCHOOLS WITH CHANGES IN MULTIPLE-CAR RANGE | | 0 |
| 18. TYPE OF COMMUNICATION EQUIPMENT USED: | | |
| A. RADIO | | 0 |
| B. MEGAPHONE | | 0 |
| C. BULL HORN | | 2 |
| D. CITIZENS BAND | | 0 |
| E. OTHER | | 1 |
| 19. SCHOOLS USING CONTROL TOWER | | 0 |
| 20. SCHOOLS USING STUDENT AIDES | | 2 |
| 21. SCHOOLS PAYING STUDENT AIDES | | 0 |

Figure 7. Tabulation Program (C802) output - page 2.

C802 - 1/26/81

1979-80 VIRGINIA DRIVER EDUCATION FACTS
PUBLIC SCHOOLS

| | | |
|---|--|--------|
| ○ | 22. SCHOOLS CONDUCTING ON-SITE PERMIT EXAM | 2 |
| | 23. SCHOOLS OFFERING MOTORCYCLE PROGRAM | 7 |
| ○ | 24. MOTORCYCLE PROGRAM | |
| | A. AS PART OF DRIVER EDUCATION | 1 |
| | B. AS SEPARATE COURSE | 8 |
| | C. STUDENTS COMPLETING PROGRAM | 57032 |
| ○ | 25. SCHOOLS WITH COURSES FOR ADULTS, OUT-OF-SCHOOL YOUTH | 4 |
| | 26 A. ADULTS COMPLETING COURSE | 51349 |
| | B. OUT-OF-SCHOOL YOUTH COMPLETING COURSE | 8423 |
| | 27. SCHOOLS OFFERING DRIVER IMPROVEMENT PROGRAM | 13 |
| ○ | 28. STUDENTS IN DRIVER IMPROVEMENT PROGRAM | 515462 |
| | 29. SCHOOLS OFFERING VOCATIONAL DRIVING COURSE | 2 |
| | 30. SCHOOLS WITH COURSE FOR SPECIAL EDUCATION STUDENTS | 2 |
| ○ | 31. SPECIAL EDUCATION STUDENTS COMPLETING COURSE | 30 |
| | 32. SCHOOLS WITH COURSE FOR PHYSICALLY HANDICAPPED | 31 |
| | 33. PHYSICALLY HANDICAPPED STUDENTS COMPLETING COURSE | 4043 |
| ○ | 34. SCHOOLS WITH S-7 AGREEMENT | 37 |

Figure 8. Tabulation program (C802) output - page 3.

C802 - 1/26/81

1979-80 VIRGINIA DRIVER EDUCATION FACTS
PUBLIC SCHOOLS

| | DEALER FREE LOAN | DEALERS LOANING | OTHER FREE LOAN | CARS RENTED OR LEASED | OWNED BY SCHOOL AGENCY |
|------------------|------------------------|--------------------|-----------------------|-----------------------------|------------------------------|
| AMERICAN MOTORS | | | | | |
| CARS | 5750 | 5895 | 6378 | 4917 | 6374 |
| JEEPS | 4166 | 5969 | 4298 | 9503 | 9165 |
| CHRYSLER | | | | | |
| CHRYSLER | 4490 | 8992 | 9096 | 5707 | 5153 |
| DODGE CARS | 5390 | 5952 | 5150 | 1715 | 1870 |
| DODGE TRUCKS | 9 | 0 | 0 | 1 | 0 |
| PLYMOUTH | 130 | 43 | 0 | 0 | 16 |
| FORD | | | | | |
| FORD CARS | 0 | 1310 | 39 | 0 | 0 |
| FORD TRUCKS | 6 | 0 | 60 | 107 | 0 |
| MERCURY | 0 | 41 | 5 | 230 | 9 |
| GENERAL MOTORS | | | | | |
| BUICK | 0 | 0 | 5 | 0 | 0 |
| CHEVROLET CARS | 19 | 0 | 0 | 4 | 0 |
| CHEVROLET TRUCKS | 0 | 218 | 0 | 0 | 105 |
| GMC TRUCKS | 0 | 460 | 86 | 0 | 0 |
| OLDSMOBILE | 32 | 0 | 30 | 49 | 0 |
| PONTIAC | 10 | 14 | 0 | 20 | 1 |
| IMPORTS | | | | | |
| FIAT | 0 | 0 | 1 | 0 | 0 |
| DATSUN | 33 | 0 | 0 | 2 | 0 |
| HONDA | 30 | 3 | 0 | 0 | 11 |
| SUBARU | 0 | 0 | 2 | 0 | 0 |
| TOYOTA | 0 | 0 | 10 | 18 | 0 |
| VOLKSWAGEN | 80 | 0 | 0 | 0 | 635 |
| VOLVO | 0 | 80 | 238 | 6 | 2170 |
| OTHER MAKES | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 20145 | 28977 | 25398 | 22279 | 25509 |

Figure 9. Tabulation program (C802) output - page 4.

C802 - 1/26/81

1979-80 VIRGINIA DRIVER EDUCATION FACTS
PUBLIC SCHOOLS

GENERAL INFORMATION ON DRIVER EDUCATION

| | |
|--|--------|
| 1. NUMBER OF ELIGIBLE HIGH SCHOOLS BASED ON TENTH GRADE ENROLLMENT | 294 |
| A. SCHOOLS WITH PROGRAM | 294 |
| B. SCHOOLS WITHOUT PROGRAM | 0 |
| 2. NUMBER OF ELIGIBLE STUDENTS BASED ON TENTH GRADE ENROLLMENT | 84449 |
| 3. NUMBER OF STUDENTS COMPLETING THE STATE-APPROVED PROGRAM, 1979-80 | 46531 |
| 4. PERCENT OF ELIGIBLE STUDENTS COMPLETING STATE-APPROVED PROGRAM, 1979-80 | 55 |
| 5. NUMBER OF STUDENTS COMPLETING THE STATE-APPROVED PROGRAM, 1978-79 | 85464 |
| 6. NUMBER OF TEACHERS TEACHING DRIVER EDUCATION | 2 |
| 7. NUMBER OF TEACHERS ENDORSED DURING 1979-80 | 629 |
| 8. NUMBER OF SCHOOLS USING TRADITIONAL CLASSROOM AND ON-STREET ONLY | 0 |
| 9. NUMBER OF SCHOOLS USING SIMULATORS | 294 |
| 10. NUMBER OF SCHOOLS USING MULTIPLE-CAR DRIVING RANGES | 294 |
| 11. TOTAL NUMBER OF VEHICLES USED IN THE DRIVER EDUCATION PROGRAM | 122308 |
| 12 A. NUMBER OF SCHOOLS OFFERING ADULT AND OUT-OF-SCHOOL YOUTH PROGRAM | 4 |
| B. NUMBER OF STUDENTS COMPLETING THE PROGRAM | 59772 |
| 13. NUMBER OF SCHOOL DIVISIONS PARTICIPATING, OUT OF 141 | 141 |

Figure 10. Tabulation program (C802) output - page 5 "public".

C802 - 1/26/81

1979-80 VIRGINIA DRIVER EDUCATION FACTS
PRIVATE AND PAROCHIAL SCHOOLS

GENERAL INFORMATION ON DRIVER EDUCATION

| | |
|---|-------|
| 1. NUMBER OF ELIGIBLE PRIVATE AND PAROCHIAL SCHOOLS BASED ON TENTH GRADE ENROLLMENT | 86 |
| A. SCHOOLS WITH PROGRAM | 85 |
| B. SCHOOLS WITHOUT PROGRAM | 1 |
| 2. NUMBER OF PRIVATE AND PAROCHIAL SCHOOLS OFFERING COMPLETE PROGRAM | 0 |
| 3. NUMBER OF PRIVATE AND PAROCHIAL SCHOOLS OFFERING CLASSROOM INSTRUCTION ONLY | 0 |
| 4. NUMBER OF PRIVATE AND PAROCHIAL SCHOOLS OFFERING IN-CAR INSTRUCTION ONLY | 0 |
| 5. NUMBER OF STUDENTS COMPLETING STATE-APPROVED PROGRAM | 2182 |
| 6. NUMBER OF STUDENTS COMPLETING CLASSROOM INSTRUCTION ONLY | 2427 |
| 7. NUMBER OF STUDENTS COMPLETING ON-STREET INSTRUCTION ONLY | 954 |
| 8. NUMBER OF TEACHERS TEACHING STATE-APPROVED PROGRAM | 0 |
| 9. TOTAL NUMBER OF CARS USED IN THE DRIVER EDUCATION PROGRAMS | 33894 |

Figure 11. Tabulation program (C802) output - page 5 "private".

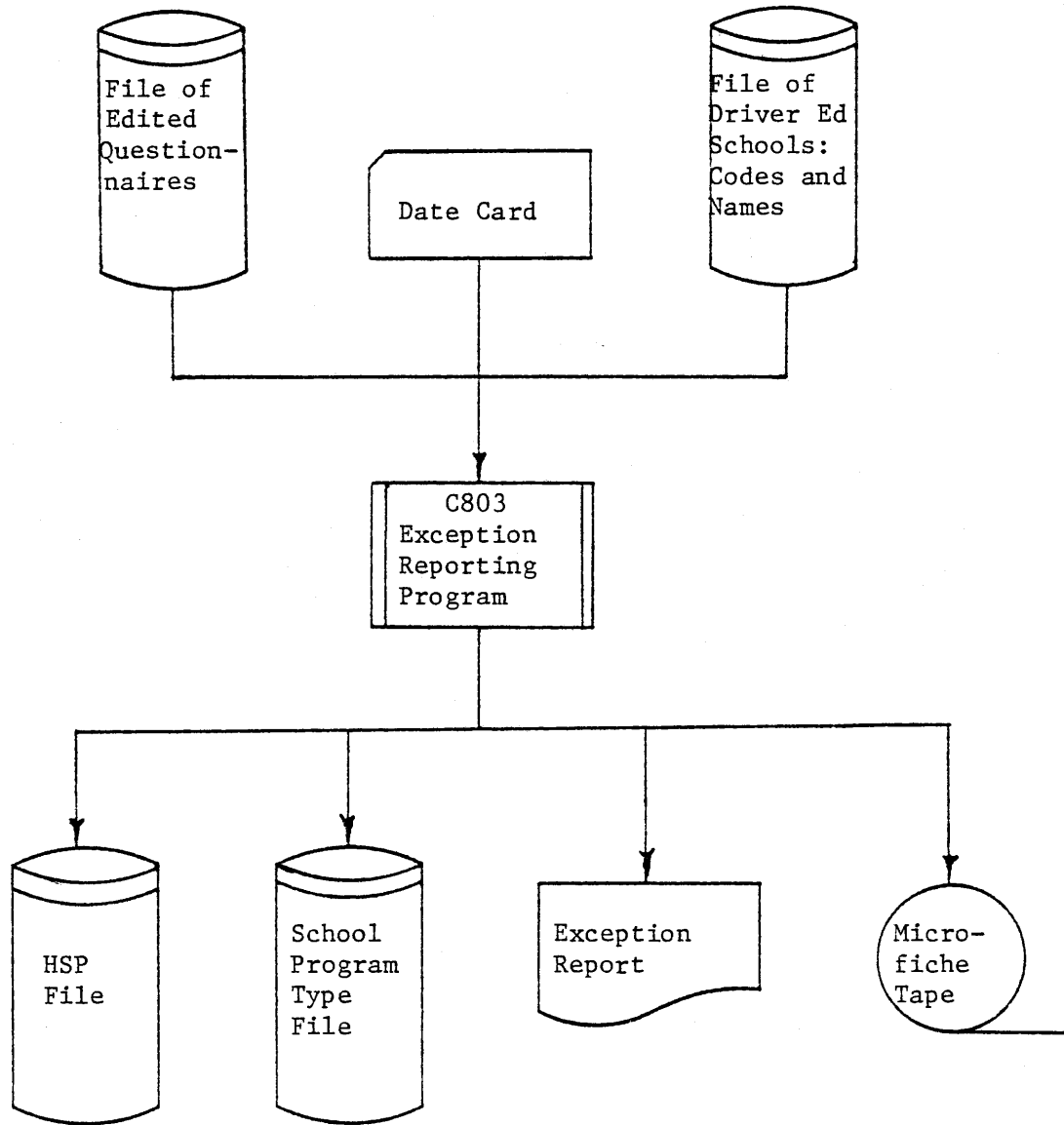


Figure 12. Exception reporting program flowchart.

SCHOOLS CONDUCTING DRIVER EDUCATION PROGRAMS USING SIMULATION

| <u>DIVISION</u> | <u>SCHOOL</u> |
|-----------------|--|
| ARLINGTON | ALL SCHOOLS |
| HENRICO | ALL SCHOOLS |
| NORTHHAMPTON | ALL SCHOOLS |
| PRINCE WILLIAM | NEW WOODBRIDGE SR. HIGH STONEWALL JACKSON HIGH GAR-FIELD HIGH |
| WYTHE | RURAL RETREAT COMBINATION FORT CHISWELL HIGH |
| CHARLOTTESVILLE | ALL SCHOOLS |
| HAMPTON | ALL SCHOOLS |
| NORFOLK | REGIONAL SPECIAL EDUCATIO |
| PORTSMOUTH | MANOR HIGH |
| ROANOKE | ALL SCHOOLS |
| VA. BEACH | ALL SCHOOLS |
| CHESAPEAKE CITY | OSCAR F. SMITH HIGH DEEP CREEK HIGH GREAT BRIDGE HIGH INDIAN RIVER HIGH |

Figure 13. Example of exception report - type 1.

SCHOOLS USING THE ETV SERIES OF SPORTSMANLIKE DRIVING

| <u>DIVISION</u> | <u>SCHOOL</u> |
|-----------------|---|
| ACCOMACK | ONANCOCK TANGIER COMBINATION ARCADIA HIGH CHINCOTEAGUE |
| ALBEMARLE | ALL SCHOOLS |
| ALLEGHANY | ALL SCHOOLS |
| AMELIA | ALL SCHOOLS |
| APPOMATTOX | ALL SCHOOLS |
| ARLINGTON | ALL SCHOOLS |
| BEDFORD | ALL SCHOOLS |
| BOTETOURT | JAMES RIVER HIGH |
| BUCHANAN | WHITEWOOD HIGH |
| CAROLINE | ALL SCHOOLS |
| CARROLL | ALL SCHOOLS |
| CHARLOTTE | ALL SCHOOLS |
| CRAIG | ALL SCHOOLS |
| CUMBERLAND | ALL SCHOOLS |
| DICKENSON | ALL SCHOOLS |
| DINWIDDIE | ALL SCHOOLS |

Figure 14. Example of exception report - type 2.

SCHOOLS OFFERING ADULT COURSES OR A DRIVER IMPROVEMENT PROGRAM

| <u>DIVISION</u> | <u>SCHOOL</u> | <u>ADULTS</u> | <u>YOUTH</u> | <u>DRIVER IMPROVEMENT</u> |
|-----------------|------------------------|---------------|--------------|-------------------------------|
| RICHMOND | RAPPAHANNOCK HIGH | 0 | 0 | 0 |
| ROANOKE | NORTHSIDE HIGH | 0 | 0 | 0 |
| | WILLIAM BYRD HIGH | 0 | 0 | 0 |
| ROCKBRIDGE | LEXINGTON HIGH | 0 | 0 | 36 |
| RUSSELL | LEBANON HIGH | 0 | 0 | 20 |
| SHENANDOAH | CENTRAL HIGH | 0 | 0 | 36 |
| SOUTHAMPTON | SOUTHAMPTON HIGH | 0 | 1 | 0 |
| SUSSEX | CENTRAL HIGH | 0 | 0 | 25 |
| TAZEWELL | RICHLANDS HIGH | 1 | 0 | 0 |
| | TAZEWELL HIGH | 0 | 0 | 0 |
| | POCAHONTAS HIGH | 0 | 0 | 0 |
| WYTHE | GEORGE WYTHE HIGH | 4 | 0 | 67 |
| YORK | YORK HIGH | 12 | 114 | 0 |
| | TABB HIGH | 0 | 0 | 0 |
| ALEXANDRIA | T. C. WILLIAMS HIGH | 100 | 0 | 400 |
| BRISTOL | VIRGINIA HIGH | 20 | 8 | 0 |
| CLIFTON FORGE | CLIFTON FORGE HIGH | 3 | 6 | 0 |
| COVINGTON | COVINGTON HI | 0 | 0 | 21 |
| GALAX | GALAX HIGH | 1 | 3 | 35 |
| HARRISONBURG | HARRISONBURG HIGH | 1 | 1 | 0 |
| HOPEWELL | HOPEWELL HIGH | 0 | 0 | 0 |
| MARTINSVILLE | MARTINSVILLE HIGH | 32 | 9 | 0 |
| NEWPORT NEWS | DENBIGH HIGH | 65 | 6 | 1,160 |
| | WARWICK HIGH | 0 | 0 | 0 |
| | HOMER L. FERGUSON HIGH | 0 | 0 | 0 |
| | MENCHVILLE HIGH | 0 | 0 | 0 |

Figure 15. Example of exception report - type 3.

SCHOOLS OFFERING DRIVER EDUCATION AT THE NINTH GRADE LEVEL

| <u>DIVISION</u> | <u>SCHOOL</u> | <u>SEMESTER</u> |
|-----------------|--|------------------------------|
| ACCOMACK | CENTRAL | 1ST |
| ALBEMARLE | WESTERN ALBEMARLE H. S. ALBEMARLE | BOTH BOTH |
| ARLINGTON | WASHINGTON LEE | BOTH |
| AUGUSTA | BUFFALO GAP | 1ST |
| BLAND | BLAND COMBINATION | 1ST |
| CHARLOTTE | RANDOLPH HENRY SR. HIGH | 1ST |
| CUMBERLAND | CUMBERLAND HIGH | 1ST |
| GRAYSON | MT. ROGERS COMBINATION | 2ND |
| HENRICO | DOUGLAS FREEMAN HIGH J. R. TUCKER HENRICO HIGH HERMITAGE HIGH | BOTH BOTH BOTH BOTH |
| ORANGE | ORANGE CO. HIGH | BOTH |
| PRINCE GEORGE | PRINCE GEORGE HIGH | 1ST |
| PRINCE WILLIAM | OSBOURN PARK HIGH GAR-FIELD HIGH | BOTH BOTH |
| RICHMOND | RAPPAHANNOCK HIGH | 2ND |
| ROCKINGHAM | MONTEVIDEO HIGH BROADWAY HIGH TURNER ASHBY HIGH ELKTON HIGH | BOTH 2ND 2ND 2ND |
| SHENANDOAH | STRASBURG HIGH CENTRAL HIGH STONEWALL JACKSON | BOTH 2ND BOTH |
| SMYTH | CHILHOWIE HIGH MARION SR. HIGH | 1ST 2ND |
| SPOTSYLVANIA | SPOTSYLVANIA SR. HIGH | 2ND |
| WISE | APPALACHIA HIGH | 1ST |
| YORK | BURTON HIGH SCHOOL | BOTH |
| CHARLOTTESVILLE | CHARLOTTESVILLE HIGH | BOTH |

Figure 16. Example of exception report - type 4.

SCHOOLS NOT USING FORM S-7 WHEN SECURING AUTOMOBILES

| <u>DIVISION</u> _____ | <u>SCHOOL</u> _____ |
|-----------------------|---|
| PRINCE WILLIAM | OSBOURN PARK HIGH |
| ROANOKE | CAVE SPRING HIGH |
| RUSSELL | LEBANON HIGH CASTLEWOOD HIGH |
| SHENANDOAH | CENTRAL HIGH |
| SPOTSYLVANIA | ALL SCHOOLS |
| WARREN | ALL SCHOOLS |
| WISE | ST. PAUL HIGH |
| FALLS CHURCH | ALL SCHOOLS |
| NORFOLK | BLAIR JR. HIGH RUFFNER JR. HIGH JACOX JR HIGH NORTHSIDE JR HIGH NORVIEW JR HIGH ROSEMONT JR HIGH AZALEA GARDENS JR HIGH CAMPOSTELLA JR HIGH LAKE TAYLOR JR HIGH |
| PORTSMOUTH | CRADOCK HIGH |
| SUFFOLK | SUFFOLK HIGH JOHN YEATES HIGH |
| WAYNESBORO | ALL SCHOOLS |
| POQUOSON | ALL SCHOOLS |
| CAPE CHARLES | ALL SCHOOLS |

Figure 17. Example of exception report - type 5.

C803 - 9/25/80 EXCEPTION REPORT FOR PUBLIC SCHOOLS 1979-80

SCHOOLS NOT OFFERING A SUMMER DRIVER EDUCATION PROGRAM

| <u>DIVISION</u> | <u>SCHOOL</u> | <u>CLASSROOM</u> | <u>IN-CAR</u> |
|-----------------|--|------------------|------------------|
| FAUQUIER | FAUQUIER CO HI | X | - |
| FLOYD | FLOYD CO. HIGH | X | - |
| FLUVANNA | FLUVANNA SR. HIGH | X | - |
| FRANKLIN | FRANKLIN CO. HIGH | - | X |
| FREDERICK | JAMES WOOD HIGH | X | - |
| GILES | GILES HIGH NARROWS HIGH | X X | - - |
| GLOUCESTER | GLOUCESTER HIGH | X | - |
| GOOCHLAND | GOOCHLAND HIGH | X | - |
| GRAYSON | INDEPENDENCE HIGH MT. ROGERS COMBINATION | X X | X X |
| GREENE | WILLIAM MONROE HIGH | X | - |
| GREENSVILLE | GREENSVILLE CO. JR. HIGH | X | X |
| HANOVER | LEE DAVIS HIGH PATRICK HENRY HIGH | X X | - - |
| HENRICO | HIGHLAND SPRINGS J. R. TUCKER HENRICO HIGH HERMITAGE HIGH | X X X X | - - - - |
| HENRY | JOHN D. BASSETT G. W. CARVER HIGH | X X | X - |
| HIGHLAND | HIGHLAND HIGH | X | - |
| ISLE OF WIGHT | SMITHFIELD HIGH WINDSOR HIGH | X X | - - |
| KING AND QUEEN | KING GEORGE HIGH | X | - |
| KING GEORGE | CENTRAL HIGH (KING QUEEN) | X | X |
| KING WILLIAM | KING WILLIAM HIGH | X | X |

Figure 18. Example of exception report - type 6.

SCHOOLS NOT CONDUCTION THE LEARNER'S PERMIT EXAM ON SCHOOL SITE

| <u>DIVISION</u> _____ | <u>SCHOOL</u> _____ |
|-----------------------|--|
| ACCOMACK | ONANCOCK CENTRAL TANGIER COMBINATION ARCADIA HIGH CHINCOTEAGUE |
| ALLEGHANY | ALL SCHOOLS |
| AMELIA | ALL SCHOOLS |
| AMHERST | ALL SCHOOLS |
| APPOMATTOX | ALL SCHOOLS |
| ARLINGTON | WAKEFIELD HIGH |
| BATH | ALL SCHOOLS |
| BLAND | ROCKY GAP COMBINATION |
| BRUNSWICK | ALL SCHOOLS |
| BUCHANAN | GARDEN HIGH GRUNDY SR. HIGH |
| BUCKINGHAM | ALL SCHOOLS |
| CAMPBELL | ALL SCHOOLS |
| CAROLINE | ALL SCHOOLS |
| CHARLOTTE | ALL SCHOOLS |
| CLARKE | ALL SCHOOLS |
| CRAIG | ALL SCHOOLS |
| CULPEPER | ALL SCHOOLS |
| DICKENSON | CLINTWOOD HIGH ERVINTON HIGH |
| ESSEX | ALL SCHOOLS |

Figure 19. Example of exception report - type 7.

SCHOOLS NOT USING A TEXTBOOK IN DRIVER EDUCATION

| <u>DIVISION</u> _____ | <u>SCHOOL</u> _____ |
|-----------------------|---------------------|
| ACCOMACK | CENTRAL |
| ESSEX | ALL SCHOOLS |
| RICHMOND | OPEN HIGH |

Figure 20. Example of exception report - type 8.

SCHOOLS USING THE DRIVER EDUCATION SERVICES SEAT BELT CONVINCER

| <u>DIVISION</u> | <u>SCHOOL</u> | <u>NUMBER</u> |
|-----------------|---------------------------|---------------|
| PRINCE WILLIAM | NEW WOODBRIDGE SR. HIGH | 129 |
| | STONEWALL JACKSON HIGH | 190 |
| | GAR-FIELD HIGH | 100 |
| ROANOKE | CAVE SPRING HIGH | 400 |
| ROCKINGHAM | BROADWAY HIGH | 206 |
| | TURNER ASHBY HIGH | 250 |
| RUSSELL | LEBANON HIGH | 171 |
| | HONAKER HIGH | 325 |
| | CASTLEWOOD HIGH | 80 |
| SPOTSYLVANIA | SPOTSYLVANIA SR. HIGH | 608 |
| SUSSEX | CENTRAL HIGH | 200 |
| WASHINGTON | ABINGDON HIGH | 225 |
| | PATRICK HENRY HIGH | 60 |
| | HOLSTON HIGH | 106 |
| WISE | POUND HIGH | 60 |
| | APPALACHIA HIGH | 90 |
| | ST. PAUL HIGH | 192 |
| | J. J. KELLEY HIGH | 200 |
| | POWELL VALLEY HIGH | 75 |
| WYTHE | RURAL RETREAT COMBINATION | 105 |
| | GEORGE WYTHE HIGH | 151 |
| | FORT CHISWELL HIGH | 140 |
| HOPEWELL | HOPEWELL HIGH | 278 |
| LYNCHBURG | HERITAGE HIGH SCHOOL | 170 |
| | E. C. GLASS | 250 |
| NEWPORT NEWS | DENBIGH HIGH | 500 |
| | WARWICK HIGH | 500 |
| | HOMER L. FERGUSON HIGH | 500 |
| | MENCHVILLE HIGH | 500 |

Figure 21. Example of exception report - type 9.

C803 - 9/25/80 EXCEPTION REPORT FOR PUBLIC SCHOOLS 1979-80

SCHOOLS USING VA. DEPT. OF TRANSP. SAFETY EQUIPMENT OR PERSONNEL

| DIVISION SCHOOL | PSYCHO-PHYSICAL TESTING DEVICES | SEAT BELT CONVINCER | FILM LIBRARY |
|-------------------------|------------------------------------|------------------------|-----------------|
| FAIRFAX | | | |
| FAIRFAX CITY SR. HIGH | X | - | X |
| HERNDON HIGH | - | - | X |
| LAKE BRADDOCK SECONDARY | - | X | X |
| CHANTILLY SECONDARY | X | - | X |
| MOUNT VERNON HIGH | X | - | X |
| ANNANDALE HIGH | - | X | - |
| MCLEAN HIGH | X | - | X |
| GROVETON HIGH | X | - | X |
| MADISON HIGH | - | X | X |
| J. E. B. STUART HIGH | X | X | X |
| FALLS CHURCH HIGH | X | X | X |
| WOODSON HIGH | X | X | - |
| EDISON HIGH | X | X | X |
| GEORGE MARSHALL HI | X | - | X |
| FORT HUNT HIGH | X | - | X |
| JEFFERSON HIGH | - | X | X |
| LANGLEY HIGH | - | X | X |
| WEST SPRINGFIELD HIGH | - | X | X |
| OAKTON HIGH | - | X | X |
| HAYFIELD SECONDARY | - | X | - |
| SOUTH LAKES | X | - | X |
| FAUQUIER | | | |
| FAUQUIER CO HI | - | - | X |
| FLUVANNA | | | |
| FLUVANNA SR. HIGH | - | X | X |
| GILES | | | |
| GILES HIGH | X | - | X |
| NARROWS HIGH | X | - | - |
| GLOUCESTER | | | |
| GLOUCESTER HIGH | - | - | X |
| GOOCHLAND | | | |
| GOOCHLAND HIGH | - | X | X |
| GRAYSON | | | |
| INDEPENDENCE HIGH | - | - | X |
| GREENE | | | |
| WILLIAM MONROE HIGH | - | - | X |
| GREENSVILLE | | | |
| GREENSVILLE CO. HIGH | - | - | X |
| HANOVER | | | |
| LEE DAVIS HIGH | - | - | X |
| PATRICK HENRY HIGH | - | - | X |

Figure 22. Example of exception report - type 10.

The program reads the file of school codes and names, checks to make sure that each school division is represented, and fills a table so that a school code in the questionnaire data can be related to a school name. Next, the program reads the entire file of edited questionnaire data, filling a set of tables with the information to produce the lists, a table to produce the file of Highway Safety Plan data, and a table to produce the driver performance file.

CONCLUSIONS AND RECOMMENDATIONS

The software system developed provides for automated production of (1) a summary of status report questionnaire responses grouped by public and nonpublic schools, (2) an exception report indicating public schools that perform or do not perform certain driver education related activities, (3) a file of driver education related data necessary for the preparation of the Highway Safety Plan, and (4) a file of school program types for the preparation of the driver performance report. This system reduces manual effort from over a man-month to approximately three man-days, with the tabulation errors being reduced to nearly zero. This report serves to document the system and includes runbook forms (Appendix C) and listings of program source code (Appendix D) appropriate for processing on the Central Computer Center's IBM 370/145.

The authors recommend that this Driver Education software system and its associated questionnaire replace the existing system and the programs be run in accordance with the procedures described in this report.

ACKNOWLEDGMENTS

The authors express appreciation to the Department of Education, in particular to Billy Johnson and Arlene Cundiff for administrative support and guidance in the interpretation of the status report questionnaire, and to Tom Lewis and his staff for help in making the transition from a development system to a production software system a smooth one. Thanks are also expressed to the Research Council personnel involved in this project. Notable among these are Harry Craft and Jerry Garrison for their respective roles of editing and duplicating the final manuscript.

Special thanks go to Bill Kelsh for identifying the need for this project while working on the Highway Safety Plan. His continued support and timely suggestions, together with his liaison work with Billy Johnson and Arlene Cundiff, have contributed to the speedy completion of this project.

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APPENDIX A
QUESTIONNAIRE

1700

DRIVER EDUCATION STATUS QUESTIONNAIRE

Virginia Department of Education
Richmond, Virginia
23216

Date form completed _____

School Name _____ School Code

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

Address _____
Street City Zip

(Affix mailing sticker)

Principal's Signature _____

(Please type or print name)

Contact Person (available during the summer)

Name _____ Phone Number () _____
Area

The purpose of this form is to obtain accurate information for the evaluation of high school driver education programs offered in the state of Virginia.

Return original by June 15 to: Billy G. Johnson
(Please retain one copy for Driver Education
your file) Virginia Department of Education
P. O. Box 6-Q
Richmond, Virginia 23216

1. Did your school offer a driver education program during the school year? Yes No

If NO, fill in ONLY the above information, sign and return one copy of this form to the address above.

If YES, please complete the following:

2. What was your 10th grade enrollment as of May 1 of the current year?

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

3. Number of students successfully completing:

| | Summer School | Regular School | | | | | | | | |
|---|---|----------------|--|--|--|---|--|--|--|--|
| <input type="radio"/> (a) A state-approved driver education program (both classroom and in-car instruction) | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| <input type="radio"/> (b) Classroom instruction ONLY | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| <input checked="" type="radio"/> (c) On-Street instruction ONLY | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| <input type="radio"/> (d) Instruction on off-street multiple-car range* | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| <input type="radio"/> (e) Instruction with the use of simulators** | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | | <table border="1"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

* Off-street Multiple-Car Range - An off-street area on which several cars are used simultaneously to provide laboratory instruction under the supervision of one or more teachers. This applies where one teacher supervises the simultaneous learning of several student drivers.

**Simulator - An electromechanical device designed to represent the driver's compartment of the automobile and which, through utilization of film, attempts to develop judgement, behavior responses, and manipulation skills.

4. Grade level classroom instruction.

| | <u>Semester</u> | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| | <u>1st</u> | | <u>2nd</u> | |
| | Yes | No | Yes | No |
| <input type="radio"/> (a) Ninth Grade | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="radio"/> (b) Tenth Grade | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="radio"/> (c) Eleventh Grade | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="radio"/> (d) Twelfth Grade | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

5. Elective program offered by age rather than grade level?

Yes No

6. Is driver education offered as part of Health and Physical Education?

Yes No

7. Driver Education scheduling.

| | <u>Classroom Instruction</u> | | <u>In-Car Instruction</u> | | |
|--|------------------------------|--------------------------|---------------------------|--------------------------|-----------------------|
| | Yes | No | Yes | No | |
| (a) Scheduled course during regular school day | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="radio"/> |
| (b) During study hall | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| (c) Before school | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="radio"/> |
| (d) After school | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| (e) On weekends | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| (f) During summer | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="radio"/> |
| (g) Other _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

8. Has your school developed its own course of study for driver education? Yes No

9. Driver Education textbook used:

| | <u>Yes</u> | <u>No</u> | <u>Edition</u> | <u>Copyright</u> |
|---|---------------------------|--------------------------|--------------------------|--------------------------|
| | (a) Sportsmanlike Driving | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) Driving: A Task Analysis Approach | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) Driver Education and Traffic Study | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (d) In the Driver's Seat | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (e) Youth at the Wheel | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (f) Tomorrow's Drivers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (g) Drive Right | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (h) Safe Performance Driving | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (i) Caution: Driving Ahead | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (j) Driver Education: Learning to Drive Defensively | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (k) Other _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

*Enter only the last two digits of the copyright year (e.g., enter the digits "73" for a copyright date of 1973).

10. Does each driver education teacher have a current copy of the Curriculum Guide for Driver Education in Virginia? Yes No
11. Does your school division employ a driver education supervisor or coordinator? Yes No
12. How many driver education in-service training/programs (conferences, seminars, workshops, etc.) were attended by teachers or administrators from your school during the school year?
13. Indicate a number of each type of program taught by each driver education teacher.

| | Program Type | | | |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Classroom | On-Street | Range | Simulation |
| (a) Teacher number 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) Teacher number 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) Teacher number 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (d) Teacher number 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (e) Teacher number 5 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (f) Teacher number 6 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (g) Teacher number 7 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (h) Teacher number 8 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (i) Teacher number 9 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (j) Teacher number 10 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

14. Special driver education personnel or equipment utilized during the school year Yes No
- (a) Psychophysical Testing Devices
- (b) Department of Education's Seat Belt Convincer
- (c) Other Seat Belt Convincer
- (d) VDTs Film Library
- (e) VASAP Van
- (f) Virginia State Police
- (g) Other _____

15. Number of students who use the Department of Education's Seat Belt Convincer during the school year.

16. Does your school have a multiple-car range? Yes No
- NOTE: If your school does not have a multiple-car range, skip to question 22.
17. Have you changed any of the physical characteristics of your Multiple-Car Range since last June 15? Yes No
18. Type of communication equipment used:
- (a) Radio Yes No
- (b) Megaphone Yes No
- (c) Bull Horn Yes No
- (d) Citizen's Band Yes No
- (e) Other _____ Yes No
19. Does your school use a Control Tower? Yes No
20. Do you use student aides on your Multiple-Car Range? Yes No
21. If your answer to question 20 was YES, are the student aides paid? Yes No
22. Does your school conduct the examination for instructional permits on the school site in conjunction with the Division of Motor Vehicles' Examining Station? Yes No
23. Did your school conduct a state-approved Motorcycle Safety Education Program? Yes No
24. If your answer to question 23 was YES:
- (a) Was program offered as part of the driver education program? Yes No
- (b) Was program offered as a separate course of instruction? Yes No
- (c) How many students successfully completed your State-approved Motorcycle Safety Education Program?
25. Did your school provide driver education courses for adults and out-of-school youth? Yes No

26. If your answer to question 25 was YES, then:
- (a) Number of adults completing course.
- (b) Number of out-of-school youth successfully completing course.
27. Did your school provide a driver improvement program sponsored by your local school division, the Division of Motor Vehicles, and/or the courts and judges in your area? Yes No
28. If your answer to question 27 was YES, list the number enrolled.
29. Did your school offer a course in vocational driving* beyond driver education? Yes No
- *Vocational Driving - Preparation for careers involving the operation of light and medium sized trucks, buses, campers, and trailers.
30. Did your school provide driver education to special education students? Yes No
31. If your answer to question 30 was YES, indicate the number of special education students successfully completing your state-approved program.
32. Did your school provide driver education to physically handicapped students? Yes No
33. If your answer to question 32 was YES, indicate the number of physically handicapped students successfully completing your state-approved program.

DRIVER EDUCATION CARS

34. Is the S-7 AGREEMENT FORM executed between the school and automobile dealer before an in-car instruction vehicle is used in the driver education program?

Yes No

Please list, by make in all applicable columns, the total number of in-car instruction vehicles used in your school program. To avoid duplication, vehicles shared with other schools should be listed by one school only.

35.

| | Number of Free-Loan Cars From Dealers | Number of Dealers Loaning | Number of Free-Loan Cars From Other Sources | Number of Cars Rented or Leased | Number of Cars Owned by School Agencies |
|------------------------|---------------------------------------|---------------------------|---|---------------------------------|---|
| AMERICAN MOTORS | | | | | |
| Cars | | | | | |
| Jeeps | | | | | |
| CHRYSLER CORP. | | | | | |
| Chrysler | | | | | |
| Dodge Cars | | | | | |
| Dodge Trucks | | | | | |
| Plymouth | | | | | |
| FORD MOTOR CO. | | | | | |
| Ford Cars | | | | | |
| Ford Trucks | | | | | |
| Mercury | | | | | |
| GENERAL MOTORS | | | | | |
| Buick | | | | | |
| Chevrolet Cars | | | | | |
| Chevrolet Trucks | | | | | |
| GMC Trucks | | | | | |
| Oldsmobile | | | | | |
| Pontiac | | | | | |
| IMPORTS | | | | | |
| Fiat | | | | | |
| Datsun | | | | | |
| Honda | | | | | |
| Subaru | | | | | |
| Toyota | | | | | |
| Volkswagen | | | | | |
| Volvo | | | | | |
| OTHER MAKES | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

APPENDIX B
SUMMARY SHEET DEVELOPMENT

APPENDIX B

This appendix details the source of the numbers printed on the final page of output from the frequency tabulation program, C802. The first column below lists the item numbers as they appear on that final page of output. The second column lists the corresponding variable name used in program C802. The third column explains the method used to derive the value for the variable.

PUBLIC SCHOOLS

| Item Number | Variable Name | Source* |
|-------------|---------------|---|
| 1 | PBNSCH | number of questionnaires |
| 1a | PBPROG | number of <i>yes's</i> to question 1 |
| 1b | PBNOPR | PBNSCH-PBPROG |
| 2 | PBNTEN | given on option card |
| 3 | PBSCMP | sum of responses to 3a, summer and regular |
| 4 | PBPRCT | 100* PBSCMP/PBNTEN |
| 5 | PBSOLD | given on option card |
| 6 | PBTEAC | number of non-blank lines on question 13, for all schools teaching both classroom and on-street |
| 7 | PBTEND | given on option card |
| 8 | PBICAR | number of schools with classroom and on-street instruction only |
| 9 | PBSIMU | number of questionnaires with response >0 on question 3e, summer and regular |
| 10 | PBMULT | number of questionnaires with response >0 on question 3d, summer and regular |
| 11 | PBNCAR | sum of responses in bottom of five columns, page 7 |
| 12a | PBAOSY | number of <i>yes's</i> to 25 |
| 12b | PBNAOS | sum of all responses to 26a, 26b |
| 13 | PBDIST | always 141 |

PRIVATE SCHOOLS

| | | |
|----|--------|---|
| 1 | PVNSCH | number of questionnaires |
| 1a | PVPROG | number of <i>yes's</i> to question 1 |
| 1b | PVNOPR | PVNSCH-PVPROG |
| 2 | PVCMPL | number of schools with at least one classroom teacher and one on-street teacher (question 13) |
| 3 | PVCLAS | number of schools with only classroom teachers (question 13) |
| 4 | PVINCR | number of schools with only on-street teachers (question 13) |
| 5 | PVSSAP | sum of responses to 3a, summer and regular |
| 6 | PVSCLS | sum of responses to 3b, summer and regular |
| 7 | PVSINC | sum of responses to 3c, summer and regular |
| 8 | PVTEAC | number of non-blank lines on question 13, for all schools teaching both classroom and on-street |
| 9 | PVNCAR | sum of responses in bottom of five columns, page 7 |

*Note: Question numbers refer to questionnaire.

APPENDIX C
PROGRAM RUNBOOKS

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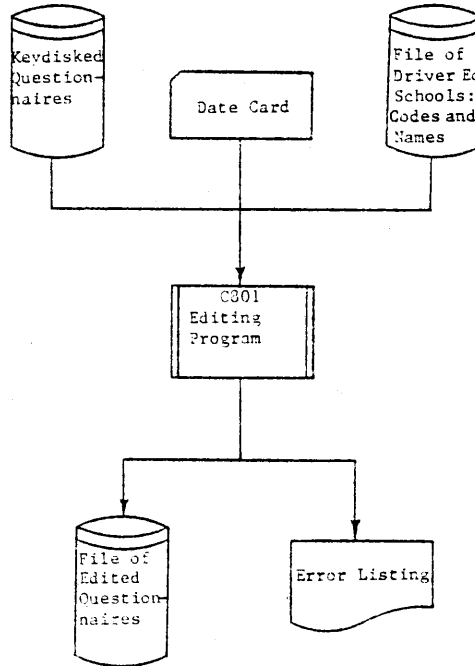
VIRGINIA DEPARTMENT OF EDUCATION

PROGRAM NBR C801 DATE 2/81

NAME DRIVER EDUCATION QUESTIONNAIRE EDIT

NARRATIVE: This COBOL program edits the data keyed from the driver education school status report questionnaire. After manual checking, the questionnaires are keyed to a disk file. The program reads this file, produces a report indicating questionnaires with errors, and writes a second disk file of edited questionnaire data. This file provides the data for subsequent programs that report on driver education.

GENERAL FLOWCHART



VIRGINIA DEPARTMENT OF EDUCATION

MIS PROGRAM SPECIFICATIONS

System _____

Program ID C801 Name DRIVER EDUCATION QUESTIONNAIRE EDIT Charge Code _____

DATES: Program 2 / 15 / 81 Test ___ / ___ / ___ Operational ___ / ___ / ___

| I/O | File Name | Sort Key | Comments |
|-----|--------------------|----------|---|
| I | D.E. SURVEY DATA | | DSN=DOE.C800.DRIVER.ED.DISK |
| | | | |
| O | EDITED SURVEY DATA | | DSN=DOE.C801.DRIVER.ED.DISK |
| | | | |
| I | DATE CARD | | School year in columns 1-7, such as "19XX-XX" |
| | | | |
| I | D.E. SCHOOL FILE | | DSN=DOE.S115.DRIVER.ED.SCHOOLS.DISK |
| | | | |
| O | PRINTER FILE | | |
| | | | |

DOCUMENTATION (indicate number of attachments)

General Flowchart

Printer Layouts

Input Source Documents

Special Output Documents

Input Source Document Layouts

Edit Requirements

File Layouts

Processing Requirements

Analyst _____ Date ___ / ___ / ___

Original Revision No. _____

Programmer _____ Date ___ / ___ / ___

1712

VIRGINIA DEPARTMENT OF EDUCATION
KEYED PROGRAM INPUT SPECIFICATIONS

Division or Department Driver Education Page 1

Program Number C801 Prepared By _____ Date _____

Program Name D.E. SURVEY EDIT PROGRAM

Data Name D.E. SURVEY DATA

Medium (Check One): Card KB Tape Estimated Number of Records 500

If KB: Batch Name _____ Job In # _____ Job Out # _____ Aux In # _____

Check Back-up Type: Save Job Out to Tape Frequency Yearly Retention

| Name of Field | Columns | | Number of Columns | Remarks |
|------------------------------|---------|----|-------------------|-------------------------------|
| | From | To | | |
| School Code | 1 | 7 | 7 | Numeric <input type="radio"/> |
| Offer D.E. Program | 8 | 8 | 1 | Yes/No |
| 10th Grade Enrollment | 9 | 12 | 4 | Numeric |
| Number of Students - Summer | 13 | 16 | 4 | Numeric <input type="radio"/> |
| Number of Students - Regular | 17 | 20 | 4 | Numeric |
| Classroom Students - Summer | 21 | 24 | 4 | Numeric |
| Classroom Students - Regular | 25 | 28 | 4 | Numeric |
| In-Car Students - Summer | 29 | 32 | 4 | Numeric |
| In-Car Students - Regular | 33 | 36 | 4 | Numeric |
| Range Students - Summer | 37 | 40 | 4 | Numeric <input type="radio"/> |
| Range Students - Regular | 41 | 44 | 4 | Numeric |
| Simulator Students - Summer | 45 | 48 | 4 | Numeric |
| Simulator Students - Regular | 49 | 52 | 4 | Numeric <input type="radio"/> |
| Grade Level | 53 | 60 | 8 | Yes/No |
| Program by Age | 61 | 61 | 1 | Yes/No |
| Program part of Health | 62 | 62 | 1 | Yes/No |
| D.E. Scheduling | 63 | 76 | 14 | Yes/No |
| Own Course | 77 | 77 | 1 | Yes/No <input type="radio"/> |

Notes: For yes/no values code 1 = yes, 2 = no, 3 = no response
For numeric values enter zeros for missing values.

VIRGINIA DEPARTMENT OF EDUCATION
KEYED PROGRAM INPUT SPECIFICATIONS

1713

Division or Department Driver Education Page 2

Program Number C801 Prepared By _____ Date _____

Program Name D.E. SURVEY EDIT PROGRAM

Data Name D.E. SURVEY DATA

Medium (Check One): Card KBX Tape Estimated Number of Records 500

If KB: Batch Name _____ Job In # _____ Job Out # _____ Aux In # _____

Check Back-up Type: Save Job Out to Tape Frequency Yearly Retention _____

| Name of Field | Columns | | Number of Columns | Remarks |
|------------------------------------|---------|-----|-------------------|---------|
| | From | To | | |
| Text Books Used | 78 | 88 | 11 | Yes/No |
| Curriculum Guide | 89 | 89 | 1 | Yes/No |
| D.E. Supervisor | 90 | 90 | 1 | Yes/No |
| Training Programs Attended | 91 | 93 | 3 | Numeric |
| Programs Offered | 94 | 133 | 40 | Numeric |
| Special Equipment Used | 134 | 140 | 7 | Yes/No |
| Students Using Seat Belt Convincer | 141 | 144 | 4 | Numeric |
| Multiple-Car Range | 145 | 145 | 1 | Yes/No |
| Changed Driving Range | 146 | 146 | 1 | Yes/No |
| Types of Communication | 147 | 151 | 5 | Yes/No |
| Control Tower Used | 152 | 152 | 1 | Yes/No |
| Student Aides Used | 153 | 153 | 1 | Yes/No |
| Student Aides Paid | 154 | 154 | 1 | Yes/No |
| Learner's Permit Exam. | 155 | 155 | 1 | Yes/No |
| Motorcycle Program | 156 | 156 | 1 | Yes/No |
| Above as Part of D.E. | 157 | 157 | 1 | Yes/No |
| Above as Separate Course | 158 | 158 | 1 | Yes/No |
| Students in Motorcycle Program | 159 | 161 | 3 | Numeric |

Notes: For yes/no values code 1 = yes, 2 = no, 3 = no response
For numeric values enter zeros for missing values.

1716

VIRGINIA DEPARTMENT OF EDUCATION
KEYED PROGRAM INPUT SPECIFICATIONS

Division or Department Driver Education Page 3

Program Number C801 Prepared By _____ Date _____

Program Name D.E. SURVEY EDIT PROGRAM

Data Name D.E. SURVEY DATA

Medium (Check One): Card KB X Tape Estimated Number of Records 500

If KB: Batch Name _____ Job In # _____ Job Out # _____ Aux In # _____

Check Back-up Type: Save Job Out to Tape Frequency Yearly Retention

| Name of Field | Columns | | Number of Columns | Remarks |
|-------------------------------|---------|-----|-------------------|-------------------------------|
| | From | To | | |
| Adult D.E. Course | 162 | 162 | 1 | Yes/No <input type="radio"/> |
| Number of Adults | 163 | 165 | 3 | Numeric |
| Number of Out-of-School Youth | 166 | 168 | 3 | Numeric |
| Driver Improvement Program | 169 | 169 | 1 | Yes/No <input type="radio"/> |
| Number Enrolled in Above | 170 | 173 | 4 | Numeric |
| Vocational Driving | 174 | 174 | 1 | Yes/No |
| Special Education Course | 175 | 175 | 1 | Yes/No <input type="radio"/> |
| Students Completing Above | 176 | 177 | 2 | Numeric |
| Physically Handicapped Course | 178 | 178 | 1 | Yes/No |
| Students Completing Above | 179 | 180 | 2 | Numeric <input type="radio"/> |
| Written Contract Used | 181 | 181 | 1 | Yes/No |
| D.E. Cars Used | 182 | 461 | 140 | Numeric |
| Filler | 462 | 470 | 9 | <input type="radio"/> |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Notes: For yes/no values code 1 = yes, 2 = no, 3 = no response.
For numeric values enter zeros for missing values.

VIRGINIA DEPARTMENT OF EDUCATION

MIS FILE LAYOUT

File Name D.E. SURVEY DATADATASET Name DOE.C800.DRIVER.ED.DISK

PASSWORD _____

MEDIA

DBLKFAC25

DSORG

PSLABELSStandardNo Labels

RECFM

FBMAXFLSZ

RECSZ

470KEY

BLKSZ

11750KEYLENRKP

| <u>Positions</u> | <u>From/To</u> | <u>Type</u> | <u>Field Name</u> | <u>Source*/Codes**</u> |
|------------------|----------------|-------------|---------------------------------------|------------------------|
| 7 | 1/7 | N | School Code | Numeric |
| 1 | 8/8 | N | Offer D.E. Program | Yes/No |
| 4 | 9/12 | N | 10th Grade Enrollment | Numeric |
| 4 | 13/16 | N | Number of Students - Summer | Numeric |
| 4 | 17/20 | N | Number of Students - Regular | Numeric |
| 4 | 21/24 | N | Classroom Students - Summer | Numeric |
| 4 | 25/28 | N | Classroom Students - Regular | Numeric |
| 4 | 29/32 | N | In-Car Students - Summer | Numeric |
| 4 | 33/36 | N | In-Car Students - Regular | Numeric |
| 4 | 37/40 | N | Range Students - Summer | Numeric |
| 4 | 41/44 | N | Range Students - Regular | Numeric |
| 4 | 45/48 | N | Simulator Students - Summer | Numeric |
| 4 | 49/52 | N | Simulator Students - Regular | Numeric |
| 8 | 53/60 | N | Grade Level | Yes/No |
| 1 | 61/61 | N | Program by Age | Yes/No |
| 2 | 62/62 | N | Program Part of Health | Yes/No |
| 14 | 63/76 | N | D.E. Scheduling | Yes/No |
| 1 | 77/77 | N | Own Course | Yes/No |
| 11 | 78/88 | N | Text Books Used | Yes/No |
| 1 | 89/89 | N | Curriculum Guide | Yes/No |
| 1 | 90/90 | N | D.E. Supervisor | Yes/No |
| 3 | 91/93 | N | Training Programs Attended | Numeric |
| 40 | 94/133 | N | Programs Offered | Numeric |
| 7 | 134/140 | N | Special Equipment Used | Yes/No |
| 4 | 141/144 | N | Students Using Seat Belt Convincer | Numeric |
| 1 | 145/145 | N | Multiple-Car Range | Yes/No |
| 1 | 146/146 | N | Changed Driving Range | Yes/No |
| 3 | 147/151 | N | Types of Communication | Yes/No |
| 1 | 152/152 | N | Control Tower Used | Yes/No |
| 1 | 153/153 | N | Student Aides Used | Yes/No |
| 1 | 154/154 | N | Student Aides Paid | Yes/No |
| 1 | 155/155 | N | Learner's Permit Exam | Yes/No |
| 1 | 156/156 | N | Motorcycle Program | Yes/No |
| 1 | 157/157 | N | Above as Part of D.E. | Yes/No |
| 1 | 158/158 | N | Above as Separate Course | Yes/No |
| 3 | 159/161 | N | Students Completing Motorcycle Course | Numeric |

*Source is the Driver Education Status Report.

**For yes/no values code 1 = yes, 2 = no, 3 = no response.

For numeric values enter zeros for missing values.

VIRGINIA DEPARTMENT OF EDUCATION
MIS FILE LAYOUT

File Name D.E. SURVEY DATA

DATASET Name DOE.C800.DRIVER.ED.DISK PASSWORD _____
 MEDIA D BLKFAC 25
 DSORG PS LABELS Standard No Labels
 RECFM FB MAXFLSZ _____
 RECSZ 470 KEY _____
 BLKSZ 11750 KEYLEN _____ RKP _____

| <u>Positions</u> | <u>From/To</u> | <u>Type</u> | <u>Field Name</u> | <u>Source*/Codes**</u> |
|------------------|----------------|-------------|-------------------------------|------------------------|
| 1 | 162/162 | N | Adult D.E. Course | Yes/No |
| 3 | 163/165 | N | Number of Adults | Numeric |
| 3 | 166/168 | N | Number of Out-of-School Youth | Numeric |
| 1 | 169/169 | N | Driver Improvement Program | Yes/No |
| 4 | 170/173 | N | Number Enrolled in Above | Numeric |
| 1 | 174/174 | N | Vocational Driving | Yes/No |
| 1 | 175/175 | N | Special Education Course | Yes/No |
| 2 | 176/177 | N | Students Completing Above | Numeric |
| 1 | 178/178 | N | Physically Handicapped Course | Yes/No |
| 2 | 179/180 | N | Students Completing Above | Numeric |
| 1 | 181/181 | N | Written Contract Used | Yes/No |
| 140 | 182/461 | N | D.E. Cars Used | Numeric |
| 9 | 462/470 | N | Filler | Numeric |

*Source is the Driver Education Status Report.

**For yes/no values code 1 = yes, 2 = no, 3 = no response.

For numeric values enter zeros for missing values.

VIRGINIA DEPARTMENT OF EDUCATION

MIS FILE LAYOUT

File Name EDITED SURVEY DATA

| | | | |
|----------------|--------------------------------|----------------|---------------------------|
| ○ DATASET Name | <u>DOE.C801.DRIVER.ED.DISK</u> | | PASSWORD |
| MEDIA | <u>D</u> | <u>BLKFAC</u> | <u>25</u> |
| DSORG | <u>PS</u> | <u>LABELS</u> | <u>Standard</u> No Labels |
| RECFM | <u>FB</u> | <u>MAXFLSZ</u> | |
| RECSZ | <u>470</u> | <u>KEY</u> | |
| BLKSZ | <u>11750</u> | <u>KEYLEN</u> | <u>RKP</u> |

| <u>Positions</u> | <u>From/To</u> | <u>Type</u> | <u>Field Name</u> | <u>Source*/Codes**</u> |
|------------------|----------------|-------------|---------------------------------------|------------------------|
| 7 | 1/7 | N | School Code | Numeric |
| 1 | 8/8 | N | Offer D.E. Program | Yes/No |
| 4 | 9/12 | N | 10th Grade Enrollment | Numeric |
| ○ 4 | 13/16 | N | Number of Students - Summer | Numeric |
| 4 | 17/20 | N | Number of Students - Regular | Numeric |
| 4 | 21/24 | N | Classroom Students - Summer | Numeric |
| 4 | 25/28 | N | Classroom Students - Regular | Numeric |
| 4 | 29/32 | N | In-Car Students - Summer | Numeric |
| 4 | 33/36 | N | In-Car Students - Regular | Numeric |
| ○ 4 | 37/40 | N | Range Students - Summer | Numeric |
| 4 | 41/44 | N | Range Students - Regular | Numeric |
| 4 | 45/48 | N | Simulator Students - Summer | Numeric |
| 4 | 49/52 | N | Simulator Students - Regular | Numeric |
| 8 | 53/60 | N | Grade Level | Yes/No |
| 1 | 61/61 | N | Program by Age | Yes/No |
| 1 | 62/62 | N | Program Part of Health | Yes/No |
| 14 | 63/76 | N | D.E. Scheduling | Yes/No |
| 1 | 77/77 | N | Own Course | Yes/No |
| 11 | 78/88 | N | Text Books Used | Yes/No |
| 1 | 89/89 | N | Curriculum Guide | Yes/No |
| 1 | 90/90 | N | D.E. Supervisor | Yes/No |
| ○ 3 | 91/93 | N | Training Programs Attended | Numeric |
| 40 | 94/133 | N | Programs Offered | Numeric |
| 7 | 134/140 | N | Special Equipment Used | Yes/No |
| 4 | 141/144 | N | Students Using Seat Belt Convincer | Numeric |
| 1 | 145/145 | N | Multiple-Car Range | Yes/No |
| 1 | 146/146 | N | Changed Driving Range | Yes/No |
| ○ 5 | 147/151 | N | Types of Communication | Yes/No |
| 1 | 152/152 | N | Control Tower Used | Yes/No |
| 1 | 153/153 | N | Student Aides Used | Yes/No |
| 1 | 154/154 | N | Student Aides Paid | Yes/No |
| 1 | 155/155 | N | Learner's Permit Exam | Yes/No |
| 1 | 156/156 | N | Motorcycle Program | Yes/No |
| 1 | 157/157 | N | Above as Part of D.E. | Yes/No |
| 1 | 158/158 | N | Above as Separate Course | Yes/No |
| 3 | 159/161 | N | Students Completing Motorcycle Course | Numeric |

*Source is the Driver Education Status Report.

**For yes/no values code 1 = yes, 2 = no, 3 = no response.
For numeric values enter zeros for missing values.

1718

VIRGINIA DEPARTMENT OF EDUCATION

MIS FILE LAYOUT

File Name EDITED SURVEY DATA

| | | | | | |
|--------------|-------------------------|---------|-----------------|-----------|-------|
| DATASET Name | DOE.C801.DRIVER.ED.DISK | | | PASSWORD | _____ |
| MEDIA | <u>D</u> | BLKFAC | <u>25</u> | | |
| DSORG | <u>PS</u> | LABELS | <u>Standard</u> | No Labels | |
| RECFM | <u>FB</u> | MAXFLSZ | | | |
| RECSZ | <u>470</u> | KEY | | | |
| BLKSZ | <u>11750</u> | KEYLEN | | RKP | _____ |

| <u>Positions</u> | <u>From/To</u> | <u>Type</u> | <u>Field Name</u> | <u>Source*/Codes**</u> |
|------------------|----------------|-------------|-------------------------------|------------------------|
| 1 | 162/162 | N | Adult D.E. Course | Yes/No |
| 3 | 163/165 | N | Number of Adults | Numeric |
| 3 | 166/168 | N | Number of Out-of-School Youth | Numeric |
| 1 | 169/169 | N | Driver Improvement Program | Yes/No |
| 4 | 170/173 | N | Number Enrolled in Above | Numeric |
| 1 | 174/174 | N | Vocational Driving | Yes/No |
| 1 | 175/175 | N | Special Education Course | Yes/No |
| 2 | 176/177 | N | Students Completing Above | Numeric |
| 1 | 178/178 | N | Physically Handicapped Course | Yes/No |
| 2 | 179/180 | N | Students Completing Above | Numeric |
| 1 | 181/181 | N | Written Contract Used | Yes/No |
| 140 | 182/461 | N | D.E. Cars Used | Numeric |
| 9 | 462/470 | N | Filler | Numeric |

*Source is the Driver Education Status Report.

**For yes/no values code 1 = yes, 2 = no, 3 = no response.

For numeric values enter zeros for missing values.

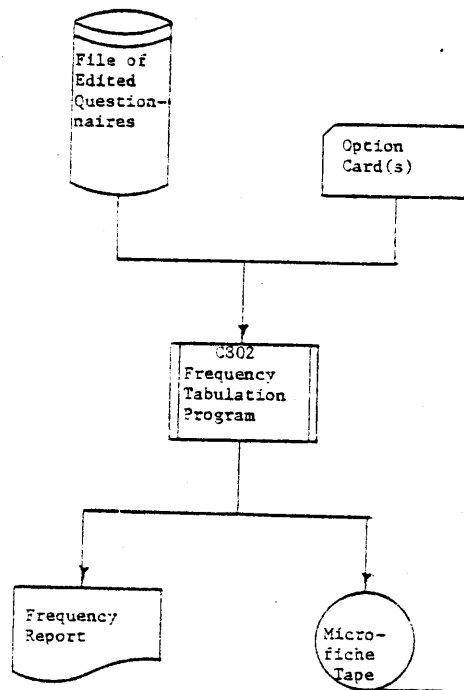
VIRGINIA DEPARTMENT OF EDUCATION

PROGRAM NBR C802 DATE _____

NAME FREQUENCY TABULATION PROGRAM

NARRATIVE: This program has two purposes: to tabulate answers to a questionnaire on driver education, and to produce a summary report for federal reporting purposes. There is a questionnaire for each school in Virginia, public or private, that teaches driver education. The input to the program includes the file of edited questionnaires along with one or two program option cards. The option cards determine whether the program tabulates public or private schools, and provide three data items for public schools.

GENERAL FLOWCHART



1750

VIRGINIA DEPARTMENT OF EDUCATION
MIS PROGRAM SPECIFICATIONS

System _____

Program ID C802 Name FREQUENCY TABULATION PROGRAM Charge Code ○

DATES: Program 2 / 15 / 81 Test / / Operational / /

| I/O | File Name | Sort Key | Comments |
|-----|--------------------|----------|---|
| I | EDITED SURVEY DATA | | DSN = DOE.C801.DRIVER.ED.DISK ○ |
| I | OPTION CARD | | See attached option card layout ○ |
| O | PRINTER FILE | | ○ |
| O | MICROFICHE FILE | | Mag tape to produce microfiche of the report ○ |
| | | | ○ |
| | | | ○ |

DOCUMENTATION (indicate number of attachments)

- General Flowchart
- Input Source Documents
- Input Source Document Layouts
- File Layouts
- Printer Layouts
- Special Output Documents
- Edit Requirements
- Processing Requirements
- Analyst _____ Date / /
- Programmer _____ Date / /
- Original Revision No. _____

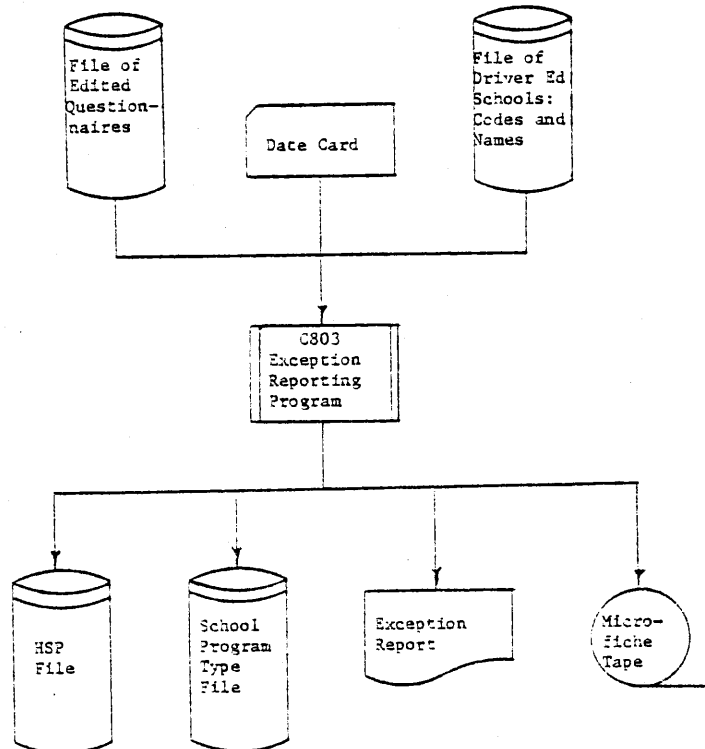
VIRGINIA DEPARTMENT OF EDUCATION

PROGRAM NBR C803 DATE 2/81

NAME EXCEPTION REPORTING PROGRAM

NARRATIVE: This programs reads the file of edited questionnaires and produces a report consisting of ten lists of public schools sharing certain driver education instruction characteristics. Some lists also show other information, such as the number of students in a particular curriculum. The program writes two files; one containing a summary by school division used for the Highway Safety Plan, and one containing school codes with their associated driver education curriculum used for driver performance reporting.

GENERAL FLOWCHART



1722

VIRGINIA DEPARTMENT OF EDUCATION
MIS PROGRAM SPECIFICATIONS

System _____

Program ID C803 Name EXCEPTION REPORTING PROGRAM Charge Code 0

DATES: Program 2 / 15 / 81 Test / / Operational / /

| I/O | File Name | Sort Key | Comments |
|-----|--------------------------|----------|--|
| I | EDITED SURVEY DATA | | DSN=DOE.C801.DRIVER.ED.DISK 0 |
| I | D.E. SCHOOL FILE | | DSN=DOE.S115.DRIVER.ED.SCHOOLS.DISK 0 |
| I | DATE CARD | | school year in columns 1-7, such as "19XX-XX" 0 |
| O | HIGHWAY SAFETY PLAN FILE | | DSN=DOE.C803.DRIVER.ED.DISK 0 |
| O | PRINTER FILE | | 0 |

DOCUMENTATION (indicate number of attachments)

- | | |
|--|---|
| <input checked="" type="checkbox"/> General Flowchart | <input type="checkbox"/> Printer Layouts |
| <input type="checkbox"/> Input Source Documents | <input type="checkbox"/> Special Output Documents |
| <input type="checkbox"/> Input Source Document Layouts | <input type="checkbox"/> Edit Requirements |
| <input checked="" type="checkbox"/> File Layouts | <input type="checkbox"/> Processing Requirements |
| Analyst _____ Date <u> / / </u> | <input type="checkbox"/> Original <input type="checkbox"/> Revision No. _____ |
| Programmer _____ Date <u> / / </u> | |

VIRGINIA DEPARTMENT OF EDUCATION

MIS PROGRAM SPECIFICATIONS

System _____

Program ID C803 Name EXCEPTION REPORTING PROGRAM Charge Code _____

DATES: Program 2 / 15 / 81 Test / / Operational / /

| I/O | File Name | Sort Key | Comments |
|-----|--------------------------|----------|--|
| 0 | SCHOOL PROGRAM TYPE FILE | | DSN=DOE.C803.PROGRAM.TYPE.DISK |
| 0 | MICROFICHE FILE | | Mag tape to produce microfiche of the report |
| | | | |
| | | | |
| | | | |

DOCUMENTATION (indicate number of attachments)

General Flowchart

Printer Layouts

Input Source Documents

Special Output Documents

Input Source Document Layouts

Edit Requirements

File Layouts

Processing Requirements

Analyst _____ Date / /

Original Revision No. _____

Programmer _____ Date / /

1724

VIRGINIA DEPARTMENT OF EDUCATION

MIS FILE LAYOUT

File Name D.E. SCHOOL FILE

DATASET Name DOE.S115.DRIVER.ED.SCHOOLS.DISK PASSWORD _____

MEDIA D BLKFAC 162

DSORG PS LABELS Standard No Labels

RECFM FB MAXFLSZ _____

RECSZ 80 KEY _____

BLKSZ 12960 KEYLEN _____ RKP _____

| <u>Positions</u> | <u>From/To</u> | <u>Type</u> | <u>Field Name</u> | <u>Source/Codes</u> |
|------------------|----------------|-------------|-------------------|--|
| 1 | 1/1 | N | School Type | 1 = commercial; 2 = public; 3 = nonpublic |
| 7 | 2/8 | N | School Code | |
| 35 | 9/43 | A | School Name | |
| 4 | 44/47 | N | D.E. Enrollment | |
| 33 | 48/80 | | Blank | |

VIRGINIA DEPARTMENT OF EDUCATION
MIS FILE LAYOUT

File Name HIGHWAY SAFETY PLAN FILE

DATASET Name DOE.C803.DRIVER.ED.DISK PASSWORD _____
 MEDIA D BLKFAC 59
 DSORG PS LABELS Standard No Labels
 RECFM FB MAXFLSZ _____
 RECSZ 220 KEY _____
 BLKSZ 12980 KEYLEN _____ RKP _____

| <u>Positions</u> | <u>From/To</u> | <u>Type</u> | <u>Field Name</u> | <u>Source/Codes</u> |
|------------------|----------------|-------------|---|---------------------|
| 4 | 1/4 | N | Locality | |
| 4 | 5/8 | N | # Public Schools Surveyed | |
| 4 | 9/12 | N | # Private Schools Surveyed | |
| 4 | 13/16 | N | Programs Offered - Public | |
| 4 | 17/20 | N | Programs Offered - Private | |
| 4 | 21/24 | N | Adult Courses - Public | |
| 4 | 25/28 | N | Adult Courses - Private | |
| 8 | 29/36 | N | Out-of-School Youth Courses - Public and Private | |
| 8 | 37/44 | N | # Teachers - Public and Private | |
| 72 | 45/116 | N | Programs Offered - Public and Private | |
| 8 | 117/124 | N | 10th Grade Enrollment - Public and Private | |
| 32 | 125/156 | N | Students Completing Courses - Public and Private | |
| 8 | 157/164 | N | Students Using Simulators - Public and Private | |
| 8 | 165/172 | N | Students Using Range - Public and Private | |
| 8 | 173/180 | N | Students Completing Courses - Public and Private | |
| 8 | 181/188 | N | Out-of-School Youth Completing Courses | |
| 8 | 189/196 | N | Adults Completing Courses | |
| 8 | 197/204 | N | Motorcycle Courses in D.E. | |
| 8 | 205/212 | N | Separate Motorcycle Courses | |
| 8 | 213/220 | N | Students Completing Motorcycle Courses | |

VIRGINIA DEPARTMENT OF EDUCATION
COMPUTER JOB RUN SHEET

Date 7/14/81

JOB NAME C801

Contact Wanda Cibo

STEP NAME STEP1

System C8 - DRIVER EDUCATION STATUS REPORT

Application Edit Questionnaire

Is job part of a schedule? yes Stand-alone? yes If stand-alone, frequency: _____

Year: From Mo. _____ Thru Mo. _____ N/A _____

Class METRO _____ CENTRAL X

Estimated Wall Clock Time 15 min.

Estimated CPU Time 30 sec.

Estimated Core Size 256K

Can job be rerun? Yes X No _____

Estimated Print Time (for large print jobs) 10 min.

Can step be executed stand-alone? Yes X No _____

Does step include sort with temporary output? Yes X No _____ External _____ Internal X

Attachments* - Error msgs. _____ Carr. Ctl. _____ Align Sample _____ Control Card Layout _____

Other job control language

SEND Restart Instructions rerun C801

Control Total/Record Count checks and/or balancing instructions _____

Special Instructions _____

* Anything which effects the running of the job.

CARDS

| DDNAME | IN | OUT | COMMENTS |
|--------|----|-----|--------------------|
| INC | X | | date card, 19XX-XX |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TRANSMITTED INPUT (KEYBATCH/TAPE)

| DDNAME | K | T | BATCH NAME | JOBIN # | JOBOUT # | AUXIN # | DR # | REC SIZE | COMMENTS |
|--------|---|---|------------|---------|----------|---------|------|----------|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DISK ONLY FILES

| DDNAME | IN | OUT | TYPE | RECSIZE | RETENTION | GEN SET # | LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|------|---------|-----------|-----------|-------------|-----|-------------------------|
| IN1 | X | | SEQ | 470 | 1 month | | | | unedited questionnaires |
| IN2 | X | | SEQ | 80 | 2 weeks | | | | school name file |
| OUT1 | | X | SEQ | 470 | 6 months | | | | edited questionnaires |
| | | | | | | | | | |
| | | | | | | | | | |

DISK/TAPE - INDEPENDENT FILES

| DDNAME | IN | OUT | TYPE | RECSIZE | RETENTION | GEN SET # | LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|------|---------|-----------|-----------|-------------|-----|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

TAPE ONLY FILES

| DDNAME | IN | OUT | RECSIZE | RETENTION | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|---------|-----------|---------------|-----|----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

PRINTED OUTPUT

| DDNAME | FORM NO. | CARR. CTL # | # OF COPIES | EST LINES OF PRINT | DEC | BRST | LIN/IN | DISTR | COMMENTS |
|--------|----------|-------------|-------------|--------------------|-----|------|--------|-------|------------------|
| OUTP | 1001 | | 1 | 450 | | | 6 | | to Billy Johnson |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

JOB CONTROL LANGUAGE FOR C801 - EDIT PROGRAM

```

//DOEC801 JOB (DOE0000000,999),DOE000C8XXXC801,CLASS=G
//S01LIBU EXEC LIBU,LIBNAME='DOE.LIBRARAN.DISK'
//SYSIN DD *
-OPT EXEC,NOPUNCH,NOLIST
-SEL DOEC801.MVMZ
-END
/*
//S02COB EXEC COBUCLG.
// PARM.COB='NOOPTIMIZE,NOCLIST,NODMAP,NOVERB,NOSXREF,NOSOURCE',
// PARM.LKED='NOLIST,NOXREF,NOMAP'
//COB.SYSIN DD DSN=&&SOURCE,DISP=(OLD,PASS)
//LKED.SYSIN DD DUMMY
//GO.IN1 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DSNAME=DOE.C800.DRIVER.ED.DISK,DISP=(OLD,KEEP)
//GO.IN2 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DSNAME=DOE.S115.DRIVER.ED.SCHOOLS.DISK,DISP=(OLD,KEEP)
//GO.OUT1 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DCR=(RECFM=FB,LRECL=470,BLKSIZE=11750),SPACE=(TRK,(3,1)),
// DSNAME=DOE.C801.DRIVER.ED.DISK,DISP=(NEW,KEEP)
//GO.INC DD *
1979-80
/*
//GO.T1 DD UNIT=SYSDA,DCR=(RECFM=FB,LRECL=80,BLKSIZE=12960),
// SPACE=(TRK,(3,1)),DISP=(NEW,DELETE)
//GO.SORTOUT DD UNIT=SYSDA,DCB=(RECFM=FB,LRECL=80,BLKSIZE=12960),
// SPACE=(TRK,(20,2))
//GO.SORTWK01 DD UNIT=SYSDA,SPACE=(TRK,(20),,CONTIG)
//GO.SORTWK02 DD UNIT=SYSDA,SPACE=(TRK,(20),,CONTIG)
//GO.SORTWK03 DD UNIT=SYSDA,SPACE=(TRK,(20),,CONTIG)
//GO.SORTLIB DD DSNAME=SYS1.SORTLIB,DISP=SHR
//GO.SORTMSG DD SYSOUT=A
//GO.SYSOUT DD SYSOUT=A
//GO.OUTPUT DD SYSOUT=A
//

```

1700

VIRGINIA DEPARTMENT OF EDUCATION
COMPUTER JOB RUN SHEET

Date 7/14/81

JOB NAME C802

Contact Wanda Cibo

STEP NAME STEP1

System C8 - DRIVER EDUCATION STATUS REPORT

Application Questionnaire Tabulation

Is job part of a schedule? yes Stand-alone? no If stand-alone, frequency: _____

Year: From Mo. _____ Thru Mo. Q/A

Class METRO ___ CENTRAL X

Estimated Wall Clock Time 15 min.

Estimated CPU Time 60 sec.

Estimated Core Size 168K

Can job be rerun? Yes X No

Estimated Print Time (for large print jobs) 10 min.

Can step be executed stand-alone? Yes X No ___

Does step include sort with temporary output? Yes ___ No X External ___ Internal 1

Attachments* - Error msgs. ___ Carr. Ctl. ___ Align Sample ___ Control Card Layout ___

Other option card layout and job control language

ABEND Restart Instructions rerun C802

Control Total/Record Count checks and/or balancing instructions _____

Special Instructions _____

* Anything which effects the running of the job.

CARDS

| DDNAME | IN | OUT | COMMENTS |
|--------|----|-----|------------------------------------|
| INC | X | | option cards - see attached layout |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TRANSMITTED INPUT (KEYBATCH/TAPE)

| DDNAME | K | T | BATCH NAME | JOBIN # | JOBOUT # | AUXIN # | DR # | REC SIZE | COMMENTS |
|--------|---|---|------------|---------|----------|---------|------|----------|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DISK ONLY FILES

| DDNAME | IN | OUT | TYPE | RECSIZE | RETENTION | GEN SET | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|------|---------|-----------|---------|---------------|-----|-----------------------|
| IN1 | X | | SEQ | 470 | 6 months | | | | edited questionnaires |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DISK/TAPE - INDEPENDENT FILES

| DDNAME | IN | OUT | TYPE | RECSIZE | RETENTION | GEN SET | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|------|---------|-----------|---------|---------------|-----|----------|
| | | | | | | | | | |
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TAPE ONLY FILES

| DDNAME | IN | OUT | RECSIZE | RETENTION | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|---------|-----------|---------------|-----|----------------------|
| MICROF | | X | 133 | 6 months | | | output to microfiche |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

PRINTED OUTPUT

| DDNAME | FORM NO. | CARR. CTL # | # OF COPIES | EST LINES OF PRINT | DEC | BRST | LIN/IN | DISTR | COMMENTS |
|--------|----------|-------------|-------------|--------------------|-----|------|--------|-------|------------------|
| OUTP | 1001 | | 1 | 600 | | | 6 | | to Billy Johnson |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

VIRGINIA DEPARTMENT OF EDUCATION
KEYED PROGRAM INPUT SPECIFICATIONS

Division or Department DRIVER EDUCATION Page 1

Program Number C802 Prepared By _____ Date 7/14/81

Program Name DRIVER EDUCATION QUESTIONNAIRE TABULATION

Data Name C802 parameter card (//GO.INC DD*)

Medium (Check One): Card KB Tape Estimated Number of Records 2

If KB: Batch Name _____ Job In # _____ Job Out # _____ Aux In # _____

Check Back-up Type: Save Job Out to Tape Frequency _____ Retention _____

| Name of Field | Columns | | Number of Columns | Remarks |
|--|---------|----|-------------------|--|
| | From | To | | |
| school type | 1 | 7 | 7 | "Private" or "Public" |
| filler | 8 | 13 | 6 | blank |
| school year | 14 | 20 | 7 | "19XX-XX" |
| 10th grade enrollment this year | 21 | 30 | 10 | right justify - statewide public schools |
| number completing D.E. preceding year | 31 | 40 | 10 | right justify - statewide public schools |
| number endorsed teachers this year | 41 | 50 | 10 | right justify - statewide public schools |
| | | | | |
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Notes:

JOB CONTROL LANGUAGE FOR C802 - QUESTIONNAIRE TABULATION

```

//DOEC802 JOB (DOE0000000,999),DOE000C8XXXC802,CLASS=G
//S01LIBU EXEC LIBU,LIBNAME='DOE.LIBRARAN.DISK'
//SYSIN DD *
-OPT EXEC,NOPUNCH,NOLIST
-SEL DOEC802,FMZT
-END
/*
//S02COB EXEC COBUCLG,
// PARM.COB='NOOPTIMIZE,NOCLIST,NODMAP,NOVERB,NOSXREF,NOSOURCE',
// PARM.LKED='NOLIST,NOXREF,NOMAP'
//COB.SYSIN DD DSN=&&SOURCE,DISP=(OLD,PASS)
//LKED.SYSIN DD DUMMY
//GO.INC DD *
PRIVATE 1979-80
PUBLIC 1979-80 84449 85464 629
/*
//GO.IN1 DD UNIT=SYSDA,VOL=SER=CRCDOE,
// DSNAME=DOE.C801.DRIVER.ED.DISK,DISP=(OLD,KEEP)
//GO.MICROF DD UNIT=TAPE,VOL=SER=XXXXXX,LABEL=(1,SL),
// DEN=3,DCB=(LRECL=133,BLKSIZE=7980,RECFM=RB),
// DSNAME=DOEC802.MICRO.FICHE
//GO.SYSOUT DD SYSOUT=A
//GO.OUTP DD SYSOUT=A
//

```

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VIRGINIA DEPARTMENT OF EDUCATION
COMPUTER JOB RUN SHEET

Date 7/14/81

JOB NAME C803

Contact Wanda Cibo

STEP NAME STEP1

System C8 - DRIVER EDUCATION STATUS REPORT

Application Exception Report

Is job part of a schedule? yes Stand-alone? no If stand-alone, frequency: _____

Year: From Mo. _____ Thru Mo. NA

Class METRO _____ CENTRAL X

Estimated Wall Clock Time 15 min.

Estimated CPU Time 60 sec.

Estimated Core Size 168K

Can job be rerun? Yes X No _____

Estimated Print Time (for large print jobs) _____

Can step be executed stand-alone? Yes X No _____

Does step include sort with temporary output? Yes _____ No X External _____ Internal _____

Attachments* - Error msgs. _____ Carr. Ctl. _____ Align Sample _____ Control Card Layout _____

Other _____

ABEND Restart Instructions rerun C803

Control Total/Record Count checks and/or balancing instructions _____

Special Instructions _____

* Anything which effects the running of the job.

CARDS

| DDNAME | IN | OUT | COMMENTS |
|--------|----|-----|--------------------|
| INC | X | | date card, 19XX-XX |
| | | | |
| | | | |
| | | | |
| | | | |

TRANSMITTED INPUT (KEYBATCH/TAPE)

| DDNAME | K | T | BATCH NAME | JOBIN # | JOBOUT # | AUXIN # | DR # | REC SIZE | COMMENTS |
|--------|---|---|------------|---------|----------|---------|------|----------|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DISK ONLY FILES

| DDNAME | IN | OUT | TYPE | RECSIZE | RETENTION | GEN SET | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|------|---------|-----------|---------|---------------|-----|-----------------------|
| IN1 | X | | SEQ | 80 | 2 weeks | | | | school name file |
| IN2 | X | | SEQ | 470 | 6 months | | | | edited questionnaires |
| OUT1 | | X | SEQ | 115 | 1 month | | | | HSP data |
| OUT2 | | X | SEQ | 20 | | | | | program type file |
| | | | | | | | | | |

DISK/TAPE - INDEPENDENT FILES

| DDNAME | IN | OUT | TYPE | RECSIZE | RETENTION | GEN SET | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|------|---------|-----------|---------|---------------|-----|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

TAPE ONLY FILES

| DDNAME | IN | OUT | RECSIZE | RETENTION | # LEVELS KEPT | ANN | COMMENTS |
|--------|----|-----|---------|-----------|---------------|-----|----------------------|
| MICROF | | X | 133 | 6 months | | | output to microfiche |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

PRINTED OUTPUT

| DDNAME | FORM NO. | CARR. CTL # | # OF COPIES | EST LINES OF PRINT | DEC | BRST | LIN/IN | DISTR | COMMENTS |
|--------|----------|-------------|-------------|--------------------|-----|------|--------|-------|----------|
| OUTP | 1001 | Stand. | 1 | 1000 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

JOB CONTROL LANGUAGE FOR C803 - EXCEPTION REPORT

```

//DOEC803 JOB (DOE0000000,999),DOE000C8XXXC803,CLASS=G
//S01LIBU EXEC LIBU,LIBNAME='DOE.LIBRARAN.DISK'
//SYSIN DD *
-OPT EXEC.NOPUNCH,NOLIST
-SEL DOEC801,MVMZ
-END
/*
//S02COB EXEC COBUCLG,
// PARM.COB='NOOPTIMIZE,NOCLIST,NODMAP,NOVERB,NOSXREF,NOSOURCE',
// PARM.LKED='NOLIST,NOXREF,NOMAP'
//COB.SYSIN DD DSN=&&SOURCE,DISP=(OLD,PASS)
//LKED.SYSIN DD DUMMY
//GO.INC DD *
1979-80
/*
//GO.IN1 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DSN=DOE.S115.DRIVER.ED.SCHOOLS.DISK,DISP=(OLD,KEEP)
//GO.IN2 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DSN=DOE.C801.DRIVER.ED.DISK,DISP=(OLD,KEEP)
//GO.OUT1 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DCB=(RECFM=FB,LRECL=115,BLKSIZE=11960),SPACE=(TRK,(3,1)),
// DSN=DOE.C803.HSP.DISK,DISP=(NEW,KEEP)
//GO.OUT2 DD UNIT=SYSDA,VOL=SER=CRCD0E,
// DCB=(RECFM=FB,LRECL=20,BLKSIZE=10000),SPACE=(TRK,1),
// DSN=DOE.C803.PROGTYPE.UPDATE.DISK,DISP=(NEW,KEEP)
//GO.MICROF DD UNIT=TAPE,VOL=SER=XXXXXX,LABEL=(1,SL),
// DEN=3,DCB=(LRECL=133,BLKSIZE=7980,RECFM=RB),
// DSN=DOEC803.MICRO.FICHE
//GO.SYSOUT DD SYSOUT=A
//GO.UUTP DD SYSOUT=A
//

```

APPENDIX D
PROGRAM LISTINGS

000010 IDENTIFICATION DIVISION.
 000020 PROGRAM-ID. DOEC801.
 000030 DATE-WRITTEN. JUNE 1980.
 000040 DATE-COMPILED.
 000050 ENVIRONMENT DIVISION.
 000060 CONFIGURATION SECTION.
 000070 SPECIAL-NAMES.
 000080 SYSOUT IS PRINTER
 000090 C01 IS NEW-PAGE.
 000100 INPUT-OUTPUT SECTION.
 000110 FILE-CONTROL.
 000120 SELECT DATA-IN ASSIGN TO UT-S-IN1.
 000130 SELECT NAME-FILE ASSIGN TO UT-S-IN2.
 000140 SELECT EDITED-DATA ASSIGN TO UT-S-OUT1.
 000150 SELECT D-CARD-FILE ASSIGN TO UT-S-INC.
 000160 SELECT PRINT ASSIGN TO UT-S-OUTP.
 000170 SELECT SNAME-FILE ASSIGN TO UT-S-T1.
 000180 SELECT SORT-FILE ASSIGN TO UT-S-SORTOUT.
 000190 DATA DIVISION.
 000200 FILE SECTION.
 000210
 000220 FD D-CARD-FILE
 000230 LABEL RECORDS ARE OMITTED
 000240 RECORD CONTAINS 80 CHARACTERS
 000250 DATA RECORD IS D-CARD.
 000260 01 D-CARD.
 000270 03 SCH-YEAR PICTURE X(7).
 000280 03 FILLER PICTURE X(73).
 000290
 000300 FD DATA-IN
 000310 LABEL RECORDS ARE OMITTED
 000320 RECORD CONTAINS 470 CHARACTERS
 000330 BLOCK CONTAINS 0 CHARACTERS
 000340 DATA RECORD IS S-REC-IN.
 000350 01 S-REC-IN PICTURE X(470).
 000360
 000370 FD PRINT
 000380 LABEL RECORDS ARE OMITTED
 000390 DATA RECORD IS P-LINE.
 000400 01 P-LINE PICTURE X(72).
 000410
 000420 FD EDITED-DATA
 000430 LABEL RECORDS ARE OMITTED
 000440 RECORD CONTAINS 470 CHARACTERS
 000450 BLOCK CONTAINS 0 CHARACTERS
 000460 DATA RECORD IS EDITED-REC.
 000470 01 EDITED-REC PICTURE X(470).
 000480
 000490 FD SNAME-FILE
 000500 LABEL RECORDS ARE OMITTED
 000510 RECORD CONTAINS 80 CHARACTERS

000520 BLOCK CONTAINS 0 CHARACTERS
 000530 DATA RECORD IS SNAME-REC.
 000540 01 SNAME-REC.
 000550 03 SN-TYP PICTURE 9.
 000560 03 SN-CODE.
 000570 05 SN-DIV PICTURE 999.
 000580 05 SN-SCH PICTURE 9(4).
 000590 03 SN-NAME PICTURE X(25).
 000600 03 FILLER PICTURE X(47).
 000610
 000620 FD NAME-FILE
 000630 LABEL RECORDS ARE OMITTED
 000640 RECORD CONTAINS 80 CHARACTERS
 000650 BLOCK CONTAINS 0 CHARACTERS
 000660 DATA RECORD IS NAME-REC.
 000670 01 NAME-REC.
 000680 03 N-TYP PICTURE 9.
 000690 03 N-CODE.
 000700 05 N-DIV PICTURE 999.
 000710 05 N-SCH PICTURE 9(4).
 000720 03 FILLER PICTURE X(72).
 000730
 000740 SD SORT-FILE
 000750 DATA RECORD IS SORT-REC.
 000760 01 SORT-REC.
 000770 03 SRT-TYP PICTURE 9.
 000780 03 SRT-CODE.
 000790 05 SRT-DIV PICTURE 999.
 000800 05 SRT-SCH PICTURE 9(4).
 000810 03 FILLER PICTURE X(72).
 000820
 000830 WORKING-STORAGE SECTION.
 000840
 000850 77 I PICTURE 999.
 000860 77 J PICTURE 999.
 000870 77 K PICTURE 999.
 000880 77 Q PICTURE 99.
 000890 77 H PICTURE 9 VALUE IS 1.
 000900 77 QN PICTURE 99.
 000910 77 DINDX PICTURE 999.
 000920 77 THIS-DIV PICTURE 999.
 000930 77 SMAX PICTURE 999 VALUE 450.
 000940 77 DMAX PICTURE 999 VALUE 137.
 000950 77 SCOUNT PICTURE 999.
 000960 77 Q-NUM PICTURE Z9.
 000970 77 Q-LET PICTURE X VALUE IS SPACE.
 000980 77 LINE-COUNT PICTURE 99.
 000990 77 DUP-FLAG PICTURE 9.
 001000 77 CODE-FLAG PICTURE 9.
 001010 77 CODE-S PICTURE X(7).
 001020 77 COMA PICTURE X VALUE IS ', '.

| | | | | |
|--------|----|-----------------|-------------------------------|--------------------------|
| 001030 | 77 | SN-HEAD | PICTURE X(31) | VALUE IS 'SCHOOL NAME '. |
| 001040 | | | | |
| 001050 | 01 | SCHOOL-REC. | | |
| 001060 | 03 | SCHOOL-CODE. | | |
| 001070 | | 05 D-CODE | PICTURE 999. | |
| 001080 | | 05 S-CODE | PICTURE 9(4). | |
| 001090 | 03 | DE-PROG | PICTURE 9. | |
| 001100 | 03 | ENROLL-10 | PICTURE 9(4). | |
| 001110 | 03 | STUD-COMP | OCCURS 10 TIMES PICTURE 9(4). | |
| 001120 | 03 | GRADE-SEM | OCCURS 8 TIMES PICTURE 9. | |
| 001130 | 03 | BY-AGE | PICTURE 9. | |
| 001140 | 03 | HEALTH | PICTURE 9. | |
| 001150 | 03 | SCHEDULE | OCCURS 14 TIMES PICTURE 9. | |
| 001160 | 03 | OWN-COURSE | PICTURE 9. | |
| 001170 | 03 | BOOK | OCCURS 11 TIMES PICTURE 9. | |
| 001180 | 03 | CURR-GUIDE | PICTURE 9. | |
| 001190 | 03 | DE-SUPERV | PICTURE 9. | |
| 001200 | 03 | PROGS-ATTD | PICTURE 999. | |
| 001210 | 03 | TEACH | OCCURS 40 PICTURE 9. | |
| 001220 | 03 | SPECIAL-EQUIP | OCCURS 7 TIMES PICTURE 9. | |
| 001230 | 03 | CONV-STUDS | PICTURE 9(4). | |
| 001240 | 03 | M-C-RANGE | PICTURE 9. | |
| 001250 | 03 | CHANGE | PICTURE 9. | |
| 001260 | 03 | COM-EQP | OCCURS 5 TIMES PICTURE 9. | |
| 001270 | 03 | Q19-21 | OCCURS 3 TIMES PICTURE 9. | |
| 001280 | 03 | EXAM | PICTURE 9. | |
| 001290 | 03 | MCY-PROG | PICTURE 9. | |
| 001300 | 03 | MCYCL-PROG. | | |
| 001310 | | 05 IN-DE | PICTURE 9. | |
| 001320 | | 05 SEP-COURSE | PICTURE 9. | |
| 001330 | | 05 MCYCL-STUDS | PICTURE 999. | |
| 001340 | 03 | C-ADOSY | PICTURE 9. | |
| 001350 | 03 | NUM-ADULTS | PICTURE 999. | |
| 001360 | 03 | NUM-OSY | PICTURE 999. | |
| 001370 | 03 | DIP | PICTURE 9. | |
| 001380 | 03 | NUM-DIP | PICTURE 9999. | |
| 001390 | 03 | VDC | PICTURE 9. | |
| 001400 | 03 | SEC | PICTURE 9. | |
| 001410 | 03 | SE-STUDS | PICTURE 99. | |
| 001420 | 03 | PHC | PICTURE 9. | |
| 001430 | 03 | PH-STUDS | PICTURE 99. | |
| 001440 | 03 | CONTRACT | PICTURE 9. | |
| 001450 | 03 | CARS | OCCURS 140 TIMES PICTURE 99. | |
| 001460 | 03 | FILLER | PICTURE X(9). | |
| 001470 | | | | |
| 001480 | 01 | DIVISION-CODES. | | |
| 001490 | 03 | FILLER | PICTURE 999 | VALUE IS 001. |
| 001500 | 03 | FILLER | PICTURE 999 | VALUE IS 002. |
| 001510 | 03 | FILLER | PICTURE 999 | VALUE IS 003. |
| 001520 | 03 | FILLER | PICTURE 999 | VALUE IS 004. |
| 001530 | 03 | FILLER | PICTURE 999 | VALUE IS 005. |

| | | | | | | |
|--------|----|--------|---------|-----|----------|------|
| 001540 | 03 | FILLER | PICTURE | 999 | VALUE IS | 006. |
| 001550 | 03 | FILLER | PICTURE | 999 | VALUE IS | 007. |
| 001560 | 03 | FILLER | PICTURE | 999 | VALUE IS | 008. |
| 001570 | 03 | FILLER | PICTURE | 999 | VALUE IS | 009. |
| 001580 | 03 | FILLER | PICTURE | 999 | VALUE IS | 010. |
| 001590 | 03 | FILLER | PICTURE | 999 | VALUE IS | 011. |
| 001600 | 03 | FILLER | PICTURE | 999 | VALUE IS | 012. |
| 001610 | 03 | FILLER | PICTURE | 999 | VALUE IS | 013. |
| 001620 | 03 | FILLER | PICTURE | 999 | VALUE IS | 014. |
| 001630 | 03 | FILLER | PICTURE | 999 | VALUE IS | 015. |
| 001640 | 03 | FILLER | PICTURE | 999 | VALUE IS | 016. |
| 001650 | 03 | FILLER | PICTURE | 999 | VALUE IS | 017. |
| 001660 | 03 | FILLER | PICTURE | 999 | VALUE IS | 018. |
| 001670 | 03 | FILLER | PICTURE | 999 | VALUE IS | 019. |
| 001680 | 03 | FILLER | PICTURE | 999 | VALUE IS | 020. |
| 001690 | 03 | FILLER | PICTURE | 999 | VALUE IS | 021. |
| 001700 | 03 | FILLER | PICTURE | 999 | VALUE IS | 022. |
| 001710 | 03 | FILLER | PICTURE | 999 | VALUE IS | 023. |
| 001720 | 03 | FILLER | PICTURE | 999 | VALUE IS | 024. |
| 001730 | 03 | FILLER | PICTURE | 999 | VALUE IS | 025. |
| 001740 | 03 | FILLER | PICTURE | 999 | VALUE IS | 026. |
| 001750 | 03 | FILLER | PICTURE | 999 | VALUE IS | 027. |
| 001760 | 03 | FILLER | PICTURE | 999 | VALUE IS | 028. |
| 001770 | 03 | FILLER | PICTURE | 999 | VALUE IS | 029. |
| 001780 | 03 | FILLER | PICTURE | 999 | VALUE IS | 030. |
| 001790 | 03 | FILLER | PICTURE | 999 | VALUE IS | 031. |
| 001800 | 03 | FILLER | PICTURE | 999 | VALUE IS | 032. |
| 001810 | 03 | FILLER | PICTURE | 999 | VALUE IS | 033. |
| 001820 | 03 | FILLER | PICTURE | 999 | VALUE IS | 034. |
| 001830 | 03 | FILLER | PICTURE | 999 | VALUE IS | 035. |
| 001840 | 03 | FILLER | PICTURE | 999 | VALUE IS | 036. |
| 001850 | 03 | FILLER | PICTURE | 999 | VALUE IS | 037. |
| 001860 | 03 | FILLER | PICTURE | 999 | VALUE IS | 038. |
| 001870 | 03 | FILLER | PICTURE | 999 | VALUE IS | 039. |
| 001880 | 03 | FILLER | PICTURE | 999 | VALUE IS | 040. |
| 001890 | 03 | FILLER | PICTURE | 999 | VALUE IS | 041. |
| 001900 | 03 | FILLER | PICTURE | 999 | VALUE IS | 042. |
| 001910 | 03 | FILLER | PICTURE | 999 | VALUE IS | 043. |
| 001920 | 03 | FILLER | PICTURE | 999 | VALUE IS | 044. |
| 001930 | 03 | FILLER | PICTURE | 999 | VALUE IS | 045. |
| 001940 | 03 | FILLER | PICTURE | 999 | VALUE IS | 046. |
| 001950 | 03 | FILLER | PICTURE | 999 | VALUE IS | 048. |
| 001960 | 03 | FILLER | PICTURE | 999 | VALUE IS | 049. |
| 001970 | 03 | FILLER | PICTURE | 999 | VALUE IS | 050. |
| 001980 | 03 | FILLER | PICTURE | 999 | VALUE IS | 051. |
| 001990 | 03 | FILLER | PICTURE | 999 | VALUE IS | 052. |
| 002000 | 03 | FILLER | PICTURE | 999 | VALUE IS | 053. |
| 002010 | 03 | FILLER | PICTURE | 999 | VALUE IS | 054. |
| 002020 | 03 | FILLER | PICTURE | 999 | VALUE IS | 055. |
| 002030 | 03 | FILLER | PICTURE | 999 | VALUE IS | 056. |
| 002040 | 03 | FILLER | PICTURE | 999 | VALUE IS | 057. |

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|--------|----|--------|---------|-----|---------------|
| 002050 | 03 | FILLER | PICTURE | 999 | VALUE IS 058. |
| 002060 | 03 | FILLER | PICTURE | 999 | VALUE IS 059. |
| 002070 | 03 | FILLER | PICTURE | 999 | VALUE IS 060. |
| 002080 | 03 | FILLER | PICTURE | 999 | VALUE IS 062. |
| 002090 | 03 | FILLER | PICTURE | 999 | VALUE IS 063. |
| 002100 | 03 | FILLER | PICTURE | 999 | VALUE IS 065. |
| 002110 | 03 | FILLER | PICTURE | 999 | VALUE IS 066. |
| 002120 | 03 | FILLER | PICTURE | 999 | VALUE IS 067. |
| 002130 | 03 | FILLER | PICTURE | 999 | VALUE IS 068. |
| 002140 | 03 | FILLER | PICTURE | 999 | VALUE IS 069. |
| 002150 | 03 | FILLER | PICTURE | 999 | VALUE IS 070. |
| 002160 | 03 | FILLER | PICTURE | 999 | VALUE IS 071. |
| 002170 | 03 | FILLER | PICTURE | 999 | VALUE IS 072. |
| 002180 | 03 | FILLER | PICTURE | 999 | VALUE IS 073. |
| 002190 | 03 | FILLER | PICTURE | 999 | VALUE IS 074. |
| 002200 | 03 | FILLER | PICTURE | 999 | VALUE IS 075. |
| 002210 | 03 | FILLER | PICTURE | 999 | VALUE IS 077. |
| 002220 | 03 | FILLER | PICTURE | 999 | VALUE IS 078. |
| 002230 | 03 | FILLER | PICTURE | 999 | VALUE IS 079. |
| 002240 | 03 | FILLER | PICTURE | 999 | VALUE IS 080. |
| 002250 | 03 | FILLER | PICTURE | 999 | VALUE IS 081. |
| 002260 | 03 | FILLER | PICTURE | 999 | VALUE IS 082. |
| 002270 | 03 | FILLER | PICTURE | 999 | VALUE IS 083. |
| 002280 | 03 | FILLER | PICTURE | 999 | VALUE IS 084. |
| 002290 | 03 | FILLER | PICTURE | 999 | VALUE IS 085. |
| 002300 | 03 | FILLER | PICTURE | 999 | VALUE IS 086. |
| 002310 | 03 | FILLER | PICTURE | 999 | VALUE IS 087. |
| 002320 | 03 | FILLER | PICTURE | 999 | VALUE IS 088. |
| 002330 | 03 | FILLER | PICTURE | 999 | VALUE IS 089. |
| 002340 | 03 | FILLER | PICTURE | 999 | VALUE IS 090. |
| 002350 | 03 | FILLER | PICTURE | 999 | VALUE IS 091. |
| 002360 | 03 | FILLER | PICTURE | 999 | VALUE IS 092. |
| 002370 | 03 | FILLER | PICTURE | 999 | VALUE IS 093. |
| 002380 | 03 | FILLER | PICTURE | 999 | VALUE IS 094. |
| 002390 | 03 | FILLER | PICTURE | 999 | VALUE IS 095. |
| 002400 | 03 | FILLER | PICTURE | 999 | VALUE IS 096. |
| 002410 | 03 | FILLER | PICTURE | 999 | VALUE IS 097. |
| 002420 | 03 | FILLER | PICTURE | 999 | VALUE IS 098. |
| 002430 | 03 | FILLER | PICTURE | 999 | VALUE IS 101. |
| 002440 | 03 | FILLER | PICTURE | 999 | VALUE IS 102. |
| 002450 | 03 | FILLER | PICTURE | 999 | VALUE IS 103. |
| 002460 | 03 | FILLER | PICTURE | 999 | VALUE IS 104. |
| 002470 | 03 | FILLER | PICTURE | 999 | VALUE IS 105. |
| 002480 | 03 | FILLER | PICTURE | 999 | VALUE IS 106. |
| 002490 | 03 | FILLER | PICTURE | 999 | VALUE IS 107. |
| 002500 | 03 | FILLER | PICTURE | 999 | VALUE IS 108. |
| 002510 | 03 | FILLER | PICTURE | 999 | VALUE IS 109. |
| 002520 | 03 | FILLER | PICTURE | 999 | VALUE IS 110. |
| 002530 | 03 | FILLER | PICTURE | 999 | VALUE IS 111. |
| 002540 | 03 | FILLER | PICTURE | 999 | VALUE IS 112. |
| 002550 | 03 | FILLER | PICTURE | 999 | VALUE IS 113. |

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002560      03  FILLER  PICTURE 999  VALUE IS 114.
002570      03  FILLER  PICTURE 999  VALUE IS 115.
002580      03  FILLER  PICTURE 999  VALUE IS 116.
002590      03  FILLER  PICTURE 999  VALUE IS 117.
002600      03  FILLER  PICTURE 999  VALUE IS 118.
002610      03  FILLER  PICTURE 999  VALUE IS 119.
002620      03  FILLER  PICTURE 999  VALUE IS 120.
002630      03  FILLER  PICTURE 999  VALUE IS 121.
002640      03  FILLER  PICTURE 999  VALUE IS 122.
002650      03  FILLER  PICTURE 999  VALUE IS 123.
002660      03  FILLER  PICTURE 999  VALUE IS 124.
002670      03  FILLER  PICTURE 999  VALUE IS 126.
002680      03  FILLER  PICTURE 999  VALUE IS 127.
002690      03  FILLER  PICTURE 999  VALUE IS 128.
002700      03  FILLER  PICTURE 999  VALUE IS 130.
002710      03  FILLER  PICTURE 999  VALUE IS 131.
002720      03  FILLER  PICTURE 999  VALUE IS 132.
002730      03  FILLER  PICTURE 999  VALUE IS 133.
002740      03  FILLER  PICTURE 999  VALUE IS 135.
002750      03  FILLER  PICTURE 999  VALUE IS 136.
002760      03  FILLER  PICTURE 999  VALUE IS 137.
002770      03  FILLER  PICTURE 999  VALUE IS 142.
002780      03  FILLER  PICTURE 999  VALUE IS 143.
002790      03  FILLER  PICTURE 999  VALUE IS 144.
002800      03  FILLER  PICTURE 999  VALUE IS 201.
002810      03  FILLER  PICTURE 999  VALUE IS 202.
002820      03  FILLER  PICTURE 999  VALUE IS 203.
002830      03  FILLER  PICTURE 999  VALUE IS 207.
002840      03  FILLER  PICTURE 999  VALUE IS 301.
002850      03  FILLER  PICTURE 999  VALUE IS 302.
002860 01  DCT REDEFINES DIVISION-CODES.
002870      03  DCODE OCCURS 137 TIMES  PICTURE 999.
002880
002890 01  SCHOOL-CODES.
002900      03  SC OCCURS 450 TIMES
002910          ASCENDING KEY IS SCODE
002920          INDEXED BY SINDX.
002930          05  SCODE      PICTURE X(7).
002940          05  SNAME     PICTURE X(25).
002950          05  SFLAG     PICTURE 9.
002960
002970
002980 01  DATE-IN.
002990      03  Y-I          PICTURE 99.
003000      03  M-I          PICTURE 99.
003010      03  D-I          PICTURE 99.
003020
003030 01  PAGE-HEAD.
003040      03  FILLER          PICTURE X(15) VALUE IS
003050          ' C801 - '.
003060      03  M-0          PICTURE Z9.

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003070      03  FILLER          PICTURE X      VALUE IS '/'.
003080      03  D-0            PICTURE 99.
003090      03  FILLER          PICTURE X      VALUE IS '/'.
003100      03  Y-0            PICTURE 99.
003110      03  FILLER          PICTURE X(42) VALUE IS SPACES.
003120      03  SCH-YR-OUT      PICTURE X(7).
003130
003140 01  LINE-OUT.
003150      03  FILLER          PICTURE X(11) VALUE IS SPACES.
003160      03  DIV-OUT        PICTURE 999B(8).
003170      03  SCH-OUT        PICTURE 9(4)B(4).
003180      03  QUESTIONS-OUT.
003190          05  Q-OUT OCCURS 8 TIMES.
003200          07  COMMA-0     PICTURE XX.
003210          07  NUM-OUT     PICTURE XX.
003220          07  LET-OUT     PICTURE X.
003230      03  SNO REDEFINES QUESTIONS-OUT.
003240          05  FILLER          PICTURE XX.
003250          05  SNAME-OUT      PICTURE X(38).
003260
003270 01  DUP-SCH.
003280      03  FILLER          PICTURE X(11) VALUE IS SPACES.
003290      03  FILLER          PICTURE X(45) VALUE IS
003300      '*** DUPLICATE QUESTIONAIRE FOR THIS SCHOOL '.
003310
003320 01  NO-DE-PROG.
003330      03  FILLER          PICTURE X(11) VALUE IS SPACES.
003340      03  FILLER          PICTURE X(45) VALUE IS
003350      '*** NO D. E. PROGRAM !.
003360
003370 01  OVER-8.
003380      03  FILLER          PICTURE X(11) VALUE IS SPACES.
003390      03  FILLER          PICTURE X(45) VALUE IS
003400      '*** MORE THAN 8 ERRORS ON THIS QUESTIONAIRE'.
003410
003420 01  CODE-ERROR.
003430      03  FILLER          PICTURE X(11) VALUE IS SPACES.
003440      03  FILLER          PICTURE X(45) VALUE IS
003450      '*** INVALID DIVISION CODE OR SCHOOL CODE'.
003460
003470 01  LETTER-LABELS.
003480      03  FILLER          PICTURE X(22) VALUE IS
003490      'AABBCCDDEEFFGGHHIIJJKK'.
003500 01  L-L-S REDEFINES LETTER-LABELS.
003510      03  LETTER OCCURS 22 TIMES PICTURE X.
003520
003530 01  SINGLE-LETTERS.
003540      03  FILLER          PICTURE X(11) VALUE IS
003550      'ABCDEFGHIJK'.
003560 01  SLL REDEFINES SINGLE-LETTERS.
003570      03  SLET OCCURS 11 TIMES PICTURE X.

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003580
 003590 01 H1.
 003600 03 FILLER PICTURE X(16) VALUE IS SPACES.
 003610 03 FILLER PICTURE X(47) VALUE IS
 003620 'EDIT REPORT - NO QUESTIONAIRE FOR THESE SCHOOLS'.
 003630
 003640 01 L1.
 003650 03 FILLER PICTURE X(16) VALUE IS SPACES.
 003660 03 FILLER PICTURE X(47) VALUE IS
 003670 '-----'.
 003680
 003690 01 HEAD1.
 003700 03 FILLER PICTURE X(33) VALUE IS SPACES.
 003710 03 FILLER PICTURE X(30) VALUE IS
 003720 'EDIT REPORT'.
 003730
 003740 01 ULINE1.
 003750 03 FILLER PICTURE X(33) VALUE IS SPACES.
 003760 03 FILLER PICTURE X(30) VALUE IS
 003770 '-----'.
 003780
 003790 01 HEAD2.
 003800 03 FILLER PICTURE X(32) VALUE IS
 003810 ' DIVISION SCHOOL'.
 003820 03 H2-VALUE PICTURE X(31) VALUE IS
 003830 'QUESTIONS WITH POTENTIAL ERRORS'.
 003840
 003850 01 ULINE2.
 003860 03 FILLER PICTURE X(32) VALUE IS
 003870 '-----'.
 003880 03 FILLER PICTURE X(40) VALUE IS
 003890 '-----'.
 003900

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003910 PROCEDURE DIVISION.
003920 SORT-SCH-NAMES.
003930     SORT SORT-FILE ON ASCENDING KEY SRT-CODE
003940     USING NAME-FILE GIVING SNAME-FILE.
003950
003960 OPEN-FILES.
003970     OPEN INPUT DATA-IN D-CARD-FILE SNAME-FILE
003980     OUTPUT EDITED-DATA PRINT.
003990     MOVE 99 TO LINE-COUNT.
004000
004010     READ D-CARD-FILE AT END DISPLAY ' DATE CARD MISSING '
004020     CLOSE D-CARD-FILE
004030     GO TO END-JOB.
004040     MOVE SCH-YEAR TO SCH-YR-OUT.
004050     CLOSE D-CARD-FILE.
004060
004070     ACCEPT DATE-IN FROM DATE.
004080     MOVE M-I TO M-O.
004090     MOVE D-I TO D-O.
004100     MOVE Y-I TO Y-O.
004110
004120 INIT.
004130     SET SINDX TO 1.
004140     MOVE ZEROS TO DINDX THIS-DIV SCOUNT.
004150
004160 READ-SNAME.
004170     READ SNAME-FILE AT END GO TO END-NAME.
004180
004190     IF SN-TYP IS EQUAL TO 1 GO TO READ-SNAME.
004200
004210     IF SN-DIV IS EQUAL TO THIS-DIV
004220     PERFORM ADD-SCH
004230     GO TO READ-SNAME.
004240
004250 NEW-DIV.
004260     ADD 1 TO DINDX.
004270     IF DINDX IS GREATER THAN DMAX
004280     MOVE DMAX TO DINDX
004290     PERFORM UNKNOWN-DIV
004300     GO TO READ-SNAME.
004310
004320     IF SN-DIV IS LESS THAN DCODE (DINDX)
004330     PERFORM UNKNOWN-DIV
004340     GO TO READ-SNAME.
004350
004360     IF SN-DIV IS EQUAL TO DCODE (DINDX)
004370     MOVE SN-DIV TO THIS-DIV
004380     PERFORM ADD-SCH
004390     GO TO READ-SNAME.
004400
004410     DISPLAY ' '.
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004420 DISPLAY ' DIVISION ' DCODE (DINDX) ' NOT REPRESENTED ON THE '
004430 DISPLAY ' SCHOOL NAME FILE. EACH DIVISION MUST HAVE '
004440 DISPLAY ' AT LEAST ONE SCHOOL.'
004450 DISPLAY ' CORRECT AND RERUN C801.'
004460 GO TO NEW-DIV.
004470
004480 UNKNOWN-DIV.
004490 DISPLAY ' '
004500 DISPLAY ' DIVISION ', SN-DIV, ' ON SCHOOL NAME FILE '
004510 DISPLAY ' BUT UNKNOWN TO C801.'
004520
004530 ADD-SCH.
004540 ADD 1 TO SCOUNT.
004550 IF SCOUNT IS GREATER THAN SMAX
004560 DISPLAY ' '
004570 DISPLAY ' SCHOOL CODES TABLE OVERFLOW.'
004580 DISPLAY ' MODIFY PROGRAM C801 TO INCREASE TABLE SIZE'
004590 GO TO FINAL-END.
004600
004610 MOVE SN-CODE TO SCODE (SINDX).
004620 MOVE SN-NAME TO SNAME (SINDX).
004630
004640 MOVE 0 TO SFLAG (SINDX).
004650 SET SINDX UP BY 1.
004660
004670 END-NAME.
004680 IF THIS-DIV IS NOT EQUAL TO DCODE (DMAX)
004690 ADD 1 DINDX GIVING I
004700 DISPLAY ' '
004710 DISPLAY ' DIVISIONS ' DCODE (I) ' - ' DCODE (DMAX)
004720 DISPLAY ' NOT REPRESENTED ON THE SCHOOL NAME FILE.'
004730 DISPLAY ' EACH DIVISION MUST HAVE AT LEAST ONE SCHOOL.'
004740 DISPLAY ' CORRECT AND RERUN C801. '
004750
004760 MOVE 9999999 TO SN-CODE.
004770 FILL-SCH-TABLE.
004780 ADD 1 TO SCOUNT.
004790 IF SCOUNT IS GREATER THAN SMAX GO TO READ-DATA.
004800 MOVE SN-CODE TO SCODE (SINDX).
004810 MOVE 'NO SCHOOL ' TO SNAME (SINDX).
004820 MOVE 0 TO SFLAG (SINDX).
004830 SET SINDX UP BY 1.
004840 GO TO FILL-SCH-TABLE.
004850
004860 READ-DATA.
004870 READ DATA-IN AT END GO TO END-JOB.
004880 EXAMINE S-REC-IN REPLACING ALL SPACES BY ZEROS.
004890 MOVE S-REC-IN TO SCHOOL-REC.
004900 MOVE SPACES TO LINE-OUT.
004910 MOVE D-CODE TO DIV-OUT.
004920 MOVE S-CODE TO SCH-OUT.

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004930      MOVE 0 TO Q.
004940*
004950*  EDIT
004960*
004970*      FIND THIS SCHOOL CODE IN THE TABLE OF VALID SCHOOL CODES
004980*
004990*  IF IT IS NOT A VALID SCHOOL CODE SET CODE-FLAG TO 1
005000*      AND MOVE 1 TO DE-PROG TO MAKE SURE
005010*  THE ENTIRE RECORD IS EDITED.
005020*
005030      MOVE 0 TO CODE-FLAG DUP-FLAG.
005040      SEARCH ALL SC AT END MOVE 1 TO CODE-FLAG
005050          WHEN SCODE (SINDX) = SCHOOL-CODE
005060          MOVE 0 TO CODE-FLAG.
005070
005080      IF SCHOOL-CODE IS EQUAL TO 9999999 MOVE 1 TO CODE-FLAG.
005090      IF CODE-FLAG IS EQUAL TO 1
005100          MOVE 1 TO DE-PROG
005110          GO TO EDIT-SCHOOL.
005120*
005130*  CHECK SFLAG TO SEE IF ANOTHER QUESTIONNAIRE FOR THIS SCHOOL
005140*  HAS BEEN PROCESSED.
005150*
005160      MOVE SFLAG (SINDX) TO DUP-FLAG.
005170      MOVE 1 TO SFLAG (SINDX).
005180
005190  EDIT-SCHOOL.
005200      IF DE-PROG IS LESS THAN 1 OR DE-PROG IS GREATER THAN 2
005210          MOVE 3 TO DE-PROG
005220          MOVE 1 TO Q-NUM
005230          PERFORM Q-ERROR.
005240
005250      IF DE-PROG IS EQUAL TO 2
005260          PERFORM ERROR-SCH THROUGH ESX
005270          WRITE P-LINE FROM NO-DE-PROG AFTER ADVANCING 1 LINES
005280          ADD 1 TO LINE-COUNT
005290          MOVE SCHOOL-CODE TO CODE-S
005300          MOVE ZEROS TO SCHOOL-REC
005310          MOVE CODE-S TO SCHOOL-CODE
005320          MOVE 2 TO DE-PROG
005330          GO TO WRITE-REC.
005340
005350      IF ENROLL-10 IS NOT NUMERIC
005360          MOVE ZEROS TO ENROLL-10
005370          MOVE 2 TO Q-NUM
005380          PERFORM Q-ERROR.
005390
005400      MOVE 1 TO I.
005410      MOVE 3 TO Q-NUM.
005420
005430  Q-3-LOOP.

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005440      ADD 1 I GIVING J.
005450      MOVE 0 TO K.
005460      IF STUD-COMP (I) IS NOT NUMERIC  MOVE ZEROS TO STUD-COMP (I)
005470                                         MOVE 1 TO K.
005480      IF STUD-COMP (J) IS NOT NUMERIC  MOVE ZEROS TO STUD-COMP (J)
005490                                         MOVE 1 TO K.
005500      IF K IS EQUAL TO 1  MOVE LETTER (I) TO Q-LET
005510                                         PERFORM Q-ERROR.
005520      ADD 2 TO I.
005530      IF I IS LESS THAN 10  GO TO Q-3-LOOP.
005540
005550      MOVE 4 TO Q-NUM.
005560      MOVE 1 TO I.
005570
005580      Q-4-LOOP.
005590      ADD 1 I GIVING J.
005600      MOVE 0 TO K
005610      IF GRADE-SEM (I) IS LESS THAN 1 OR
005620          GRADE-SEM (I) IS GREATER THAN 2
005630          MOVE 3 TO GRADE-SEM (I)
005640          MOVE 1 TO K.
005650      IF GRADE-SEM (J) IS LESS THAN 1 OR
005660          GRADE-SEM (J) IS GREATER THAN 2
005670          MOVE 3 TO GRADE-SEM (J)
005680          MOVE 1 TO K.
005690      IF K IS EQUAL TO 1  MOVE LETTER (I) TO Q-LET
005700                                         PERFORM Q-ERROR.
005710      ADD 2 TO I.
005720      IF I IS LESS THAN 8  GO TO Q-4-LOOP.
005730
005740      IF BY-AGE IS LESS THAN 1 OR BY-AGE IS GREATER THAN 2
005750          MOVE 3 TO BY-AGE
005760          MOVE 5 TO Q-NUM
005770          PERFORM Q-ERROR.
005780      IF HEALTH IS LESS THAN 1 OR HEALTH IS GREATER THAN 2
005790          MOVE 3 TO HEALTH
005800          MOVE 6 TO Q-NUM
005810          PERFORM Q-ERROR.
005820
005830      MOVE 1 TO I.
005840      MOVE 7 TO Q-NUM.
005850      Q-7-LOOP.
005860      MOVE 0 TO K.
005870      ADD 1 I GIVING J.
005880      IF SCHEDULE (I) IS LESS THAN 1 OR
005890          SCHEDULE (I) IS GREATER THAN 2
005900          MOVE 3 TO SCHEDULE (I)
005910          MOVE 1 TO K.
005920      IF SCHEDULE (J) IS LESS THAN 1 OR
005930          SCHEDULE (J) IS GREATER THAN 2
005940          MOVE 3 TO SCHEDULE (J)

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005950             MOVE 1 TO K.
005960             IF K IS EQUAL TO 1  MOVE LETTER (I) TO Q-LET
005970                                 PERFORM Q-ERROR.
005980             ADD 2 TO I.
005990             IF I IS LESS THAN 14  GO TO Q-7-LOOP.
006000
006010             IF OWN-COURSE IS LESS THAN 1 OR OWN-COURSE IS GREATER THAN 2
006020                 MOVE 3 TO OWN-COURSE
006030                 MOVE 8 TO Q-NUM
006040                 PERFORM Q-ERROR.
006050
006060             MOVE 1 TO I.
006070             MOVE 9 TO Q-NUM.
006080 Q-9-LOOP.
006090             IF BOOK (I) IS LESS THAN 1 OR BOOK (I) IS GREATER THAN 2
006100                 MOVE 3 TO BOOK (I)
006110                 MOVE SLET (I) TO Q-LET
006120                 PERFORM Q-ERROR.
006130
006140             ADD 1 TO I.
006150             IF I IS LESS THAN 12  GO TO Q-9-LOOP.
006160             IF CURR-GUIDE IS LESS THAN 1 OR CURR-GUIDE IS GREATER THAN 2
006170                 MOVE 10 TO Q-NUM
006180                 MOVE 3 TO CURR-GUIDE
006190                 PERFORM Q-ERROR.
006200
006210             IF DE-SUPERV IS LESS THAN 1 OR DE-SUPERV IS GREATER THAN 2
006220                 MOVE 3 TO DE-SUPERV
006230                 MOVE 11 TO Q-NUM
006240                 PERFORM Q-ERROR.
006250
006260             IF PROGS-ATTD IS NOT NUMERIC
006270                 MOVE ZEROS TO PROGS-ATTD
006280                 MOVE 12 TO Q-NUM
006290                 PERFORM Q-ERROR.
006300
006310             MOVE 1 TO I.
006320             MOVE 0 TO K.
006330 Q-13-LOOP.
006340             IF TEACH (I) IS NOT NUMERIC
006350                 MOVE ZEROS TO TEACH (I)
006360                 MOVE 1 TO K.
006370             IF K IS EQUAL TO 1  MOVE 13 TO Q-NUM
006380                                 SUBTRACT 1 FROM I GIVING J
006390                                 DIVIDE 4 INTO J
006400                                 ADD 1 TO J
006410                                 MOVE SLET (J) TO Q-LET
006420                                 MOVE 41 TO I
006430                                 PERFORM Q-ERROR.
006440             ADD 1 TO I.
006450             IF I IS LESS THAN 41  GO TO Q-13-LOOP.

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006460
006470     MOVE 14 TO Q-NUM.
006480     MOVE 1 TO I.
006490 Q-14-LOOP.
006500     IF SPECIAL-EQUIP (I) IS LESS THAN 1 OR
006510         SPECIAL-EQUIP (I) IS GREATER THAN 2
006520         MOVE 3 TO SPECIAL-EQUIP (I)
006530         MOVE SLET (I) TO Q-LET
006540         PERFORM Q-ERROR.
006550     ADD 1 TO I.
006560     IF I IS LESS THAN 8 GO TO Q-14-LOOP.
006570
006580     IF CONV-STUDS IS NOT NUMERIC
006590         MOVE ZEROS TO CONV-STUDS
006600         MOVE 15 TO Q-NUM
006610         PERFORM Q-ERROR.
006620
006630     IF M-C-RANGE IS LESS THAN 1 OR M-C-RANGE IS GREATER THAN 2
006640         MOVE 3 TO M-C-RANGE
006650         MOVE 16 TO Q-NUM
006660         PERFORM Q-ERROR.
006670
006680     IF M-C-RANGE IS EQUAL TO 2
006690         MOVE 3 TO CHANGE COM-EQP (1) COM-EQP (2) COM-EQP (3)
006700             COM-EQP (4) COM-EQP (5) Q19-21 (1)
006710             Q19-21 (2) Q19-21 (3)
006720         GO TO Q-22-EDIT.
006730
006740     IF CHANGE IS LESS THAN 1 OR CHANGE IS GREATER THAN 2
006750         MOVE 3 TO CHANGE
006760         MOVE 17 TO Q-NUM
006770         PERFORM Q-ERROR.
006780
006790     MOVE 1 TO I.
006800     MOVE 18 TO Q-NUM.
006810 Q-18-LOOP.
006820     IF COM-EQP (I) IS LESS THAN 1 OR
006830         COM-EQP (I) IS GREATER THAN 2
006840         MOVE 3 TO COM-EQP (I)
006850         MOVE SLET (I) TO Q-LET
006860         PERFORM Q-ERROR.
006870     ADD 1 TO I.
006880     IF I IS LESS THAN 6 GO TO Q-18-LOOP.
006890     MOVE 1 TO I.
006900     MOVE 19 TO QN.
006910 Q-19-LOOP.
006920     IF Q19-21 (I) IS LESS THAN 1 OR
006930         Q19-21 (I) IS GREATER THAN 2
006940         MOVE 3 TO Q19-21 (I)
006950         MOVE QN TO Q-NUM
006960         PERFORM Q-ERROR.
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006970      ADD 1 TO I QN.
006980      IF I IS LESS THAN 4  GO TO Q-19-LOOP.
006990
007000 Q-22-EDIT.
007010      IF EXAM IS LESS THAN 1 OR EXAM IS GREATER THAN 2
007020          MOVE 3 TO EXAM
007030          MOVE 22 TO Q-NUM
007040          PERFORM Q-ERROR.
007050
007060      IF MCY-PROG IS LESS THAN 1 OR MCY-PROG IS GREATER THAN 2
007070          MOVE 3 TO MCY-PROG
007080          MOVE 23 TO Q-NUM
007090          PERFORM Q-ERROR.
007100
007110      IF MCY-PROG IS EQUAL TO 2  MOVE 3 TO IN-DE SEP-COURSE
007120          MOVE ZEROS TO MCYCL-STUDS
007130          GO TO Q-25-EDIT.
007140
007150      MOVE 24 TO Q-NUM.
007160      IF IN-DE IS LESS THAN 1 OR IN-DE IS GREATER THAN 2
007170          MOVE 3 TO IN-DE
007180          MOVE SLET (1) TO Q-LET
007190          PERFORM Q-ERROR.
007200      IF SEP-COURSE IS LESS THAN 1 OR SEP-COURSE IS GREATER THAN 2
007210          MOVE 3 TO SEP-COURSE
007220          MOVE SLET (2) TO Q-LET
007230          PERFORM Q-ERROR.
007240      IF MCYCL-STUDS IS NOT NUMERIC  MOVE ZEROS TO MCYCL-STUDS
007250          MOVE SLET (3) TO Q-LET
007260          PERFORM Q-ERROR.
007270
007280 Q-25-EDIT.
007290      IF C-ADOSY IS LESS THAN 1 OR C-ADOSY IS GREATER THAN 2
007300          MOVE 3 TO C-ADOSY
007310          MOVE 25 TO Q-NUM
007320          PERFORM Q-ERROR.
007330      IF C-ADOSY IS EQUAL TO 2  MOVE ZEROS TO NUM-ADULTS NUM-OSY.
007340      MOVE 26 TO Q-NUM.
007350      IF NUM-ADULTS IS NOT NUMERIC
007360          MOVE ZEROS TO NUM-ADULTS
007370          MOVE SLET (1) TO Q-LET
007380          PERFORM Q-ERROR.
007390      IF NUM-OSY IS NOT NUMERIC
007400          MOVE ZEROS TO NUM-OSY
007410          MOVE SLET (2) TO Q-LET
007420          PERFORM Q-ERROR.
007430      IF DIP IS LESS THAN 1 OR DIP IS GREATER THAN 2
007440          MOVE 3 TO DIP
007450          MOVE 27 TO Q-NUM
007460          PERFORM Q-ERROR.
007470      IF DIP IS EQUAL TO 2  MOVE ZEROS TO NUM-DIP.

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007480 IF NUM-DIP IS NOT NUMERIC
007490     MOVE ZEROS TO NUM-DIP
007500     MOVE 28 TO Q-NUM
007510     PERFORM Q-ERROR.
007520
007530 IF VDC IS LESS THAN 1 OR VDC IS GREATER THAN 2
007540     MOVE 3 TO VDC
007550     MOVE 29 TO Q-NUM
007560     PERFORM Q-ERROR.
007570 IF SEC IS LESS THAN 1 OR SEC IS GREATER THAN 2
007580     MOVE 3 TO SEC
007590     MOVE 30 TO Q-NUM
007600     PERFORM Q-ERROR.
007610 IF SEC IS EQUAL TO 2 MOVE ZEROS TO SE-STUDS.
007620 IF SE-STUDS IS NOT NUMERIC
007630     MOVE ZEROS TO SE-STUDS
007640     MOVE 31 TO Q-NUM
007650     PERFORM Q-ERROR.
007660 IF PHC IS LESS THAN 1 OR PHC IS GREATER THAN 2
007670     MOVE 3 TO PHC
007680     MOVE 32 TO Q-NUM
007690     PERFORM Q-ERROR.
007700 IF PHC IS EQUAL TO 2 MOVE ZEROS TO PH-STUDS.
007710 IF PH-STUDS IS NOT NUMERIC
007720     MOVE ZEROS TO PH-STUDS
007730     MOVE 33 TO Q-NUM
007740     PERFORM Q-ERROR.
007750
007760 IF CONTRACT IS LESS THAN 1 OR CONTRACT IS GREATER THAN 2
007770     MOVE 3 TO CONTRACT
007780     MOVE 34 TO Q-NUM
007790     PERFORM Q-ERROR.
007800     MOVE 0 TO K.
007810     MOVE 1 TO I.
007820 Q-35-LOOP.
007830     IF CARS (I) IS NOT NUMERIC
007840         MOVE ZEROS TO CARS (I)
007850         MOVE 1 TO K.
007860     ADD 1 TO I.
007870     IF I IS LESS THAN 141 GO TO Q-35-LOOP.
007880     IF K IS EQUAL TO 1 MOVE 35 TO Q-NUM
007890         PERFORM Q-ERROR.
007900
007910
007920 IF Q IS EQUAL TO 0 AND
007930     CODE-FLAG IS EQUAL TO 0 AND
007940     DUP-FLAG IS EQUAL TO 0 GO TO WRITE-REC.
007950
007960 ERROR-SCH.
007970     PERFORM PRINT-A-LINE.
007980

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007990     IF Q IS GREATER THAN 8
008000         ADD 1 TO LINE-COUNT
008010         WRITE P-LINE FROM OVER-8 AFTER ADVANCING 1 LINES.
008020
008030     IF CODE-FLAG IS EQUAL TO 1
008040         MOVE 9999999 TO SCHOOL-CODE
008050         ADD 1 TO LINE-COUNT
008060         WRITE P-LINE FROM CODE-ERROR AFTER ADVANCING 1 LINES.
008070
008080     IF DUP-FLAG IS EQUAL TO 1
008090         ADD 1 TO LINE-COUNT
008100         WRITE P-LINE FROM DUP-SCH AFTER ADVANCING 1 LINES.
008110
008120 ESX.
008130     EXIT.
008140
008150 WRITE-REC.
008160     IF DUP-FLAG IS EQUAL TO 0
008170         MOVE SCHOOL-REC TO EDITED-REC
008180         WRITE EDITED-REC.
008190     GO TO READ-DATA.
008200
008210 PRINT-NEW-PAGE.
008220     MOVE SPACES TO P-LINE.
008230     WRITE P-LINE AFTER ADVANCING NEW-PAGE.
008240     WRITE P-LINE FROM PAGE-HEAD AFTER ADVANCING 1 LINES.
008250     WRITE P-LINE FROM HEAD1     AFTER ADVANCING H LINES.
008260     WRITE P-LINE FROM ULINE1    AFTER ADVANCING 0 LINES.
008270     WRITE P-LINE FROM HEAD2     AFTER ADVANCING 2 LINES.
008280     WRITE P-LINE FROM ULINE2    AFTER ADVANCING 0 LINES.
008290     MOVE 3 TO LINE-COUNT.
008300
008310 PRINT-A-LINE.
008320     MOVE SPACES TO COMMA-0 OF Q-OUT (1).
008330     IF LINE-COUNT IS GREATER THAN 50 PERFORM PRINT-NEW-PAGE.
008340     WRITE P-LINE FROM LINE-OUT AFTER ADVANCING 2 LINES.
008350     ADD 2 TO LINE-COUNT.
008360
008370 Q-ERROR.
008380     ADD 1 TO Q.
008390     IF Q IS LESS THAN 9
008400         MOVE Q-NUM TO NUM-OUT OF Q-OUT (Q)
008410         MOVE Q-LET TO LET-OUT OF Q-OUT (Q)
008420         MOVE COMA TO COMMA-0 OF Q-OUT (Q).
008430     MOVE SPACES TO Q-LET.
008440
008450 END-JOB.
008460     MOVE SPACES TO LINE-OUT.
008470     MOVE SN-HEAD TO H2-VALUE.
008480     MOVE H1 TO HEAD1.
008490     MOVE L1 TO ULINE1.

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008500     MOVE 2 TO H.
008510     MOVE 99 TO LINE-COUNT.
008520     MOVE 1 TO I.
008530     SET SINDX TO 1.
008540
008550 NO-Q-LOOP.
008560     IF SFLAG (SINDX) IS EQUAL TO 1 GO TO NEXT-NQ.
008570
008580     IF LINE-COUNT IS GREATER THAN 50 PERFORM PRINT-NEW-PAGE.
008590     MOVE SCODE (SINDX) TO SCHOOL-CODE.
008600     MOVE D-CODE TO DIV-OUT.
008610     MOVE S-CODE TO SCH-OUT.
008620     MOVE SNAME (SINDX) TO SNAME-OUT.
008630     WRITE P-LINE FROM LINE-OUT AFTER ADVANCING 2 LINES.
008640     ADD 2 TO LINE-COUNT.
008650
008660 NEXT-NQ.
008670     ADD 1 TO I.
008680     IF I IS NOT GREATER THAN SMAX
008690         SET SINDX UP BY 1
008700         GO TO NO-Q-LOOP.
008710
008720 FINAL-END.
008730     CLOSE DATA-IN EDITED-DATA SNAME-FILE.
008740     CLOSE PRINT.
008750     STOP RUN.
008760
008770*****
008780*****      END OF DOEC801      *****
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000010 IDENTIFICATION DIVISION.
 000020 PROGRAM-ID. DOEC802.
 000030 DATE-WRITTEN. MAY 1980.
 000040 DATE-COMPILED.
 000050* THIS PROGRAM PRINTS INFORMATION ABOUT DRIVER EDUCATION IN
 000060* VIRGINIA. THE SOURCE IS THE SET OF QUESTIONNAIRES SENT TO ALL
 000070* SCHOOLS TEACHING DRIVER EDUCATION. THE PROGRAM TABULATES THE
 000080* ANSWERS ON THE QUESTIONNAIRES. SEPARATE TABULATIONS ARE MADE
 000090* FOR PUBLIC AND PRIVATE SCHOOLS.
 000100*
 000110* EITHER ONE OR TWO INPUT CARDS SHOULD BE PROVIDED. THE FIRST
 000120* FIELD SELECTS WHICH SCHOOLS, PUBLIC OR PRIVATE, SHOULD BE
 000130* TABULATED. IF BOTH ARE DESIRED, TWO INPUT CARDS SHOULD BE USED.
 000140* THE INPUT CARD SAYING 'PRIVATE' NEEDS ONLY THE FIRST TWO FIELDS,
 000150* THROUGH COLUMN 20.
 000160*
 000170* INPUT CARD FORMAT:
 000180*
 000190* COLUMN FORMAT INFORMATION
 000200* 1- 7 X(7) THE WORD 'PRIVATE' OR 'PUBLIC '
 000210* 14-20 X(7) CURRENT YEAR, WRITTEN '19XX-XX'
 000220* 21-30 9(10) STATEWIDE PUBLIC SCHOOL TENTH GRADE
 000230* ENROLLMENT CURRENT YEAR
 000240* 31-40 9(10) NUMBER OF STUDENTS COMPLETING DRIVER
 000250* EDUCATION COURSE IN PRECEDING YEAR
 000260* 41-50 9(10) NUMBER OF ENDORSED TEACHERS
 000270*
 000280 ENVIRONMENT DIVISION.
 000290 CONFIGURATION SECTION.
 000300 SPECIAL-NAMES.
 000310 SYSOUT IS PRINTER
 000320 C01 IS NEW-PAGE.
 000330 INPUT-OUTPUT SECTION.
 000340 FILE-CONTROL.
 000350 SELECT INPUT-FILE ASSIGN TO UT-S-INC.
 000360 SELECT PRINT ASSIGN TO UT-S-OUTP.
 000370 SELECT DE-FILE ASSIGN TO UT-S-INI.
 000380 SELECT MPRINT ASSIGN TO UT-S-MICROF.
 000390
 000400 DATA DIVISION.
 000410 FILE SECTION.
 000420
 000430 FD DE-FILE
 000440 LABEL RECORDS ARE OMITTED
 000450 RECORD CONTAINS 470 CHARACTERS
 000460 BLOCK CONTAINS 0 CHARACTERS
 000470 DATA RECORD IS SCHOOL-REC.
 000480 01 SCHOOL-REC.
 000490 03 SCHOOL-CODE.
 000500 05 FILLER PICTURE XXX.
 000510 05 P-P-CODE PICTURE 9.

| | | | |
|--------|----|------------------------------|----------------|
| 000520 | | 88 PRI-CODE | VALUE 4 5 8 9. |
| 000530 | | 88 PUB-CODE | VALUE 0 1. |
| 000540 | | 05 FILLER | PICTURE XXX. |
| 000550 | 03 | DE-PROG | PICTURE 9. |
| 000560 | 03 | ENROLL-10 | PICTURE 9(4). |
| 000570 | 03 | STUD-COMP OCCURS 10 TIMES | PICTURE 9(4). |
| 000580 | 03 | GRADE-SEM OCCURS 8 TIMES | PICTURE 9. |
| 000590 | 03 | BY-AGE | PICTURE 9. |
| 000600 | 03 | HEALTH | PICTURE 9. |
| 000610 | 03 | SCHEDULE OCCURS 14 TIMES | PICTURE 9. |
| 000620 | 03 | OWN-COURSE | PICTURE 9. |
| 000630 | 03 | BOOK OCCURS 11 TIMES | PICTURE 9. |
| 000640 | 03 | CURR-GUIDE | PICTURE 9. |
| 000650 | 03 | DE-SUPERV | PICTURE 9. |
| 000660 | 03 | PROGS-ATTD | PICTURE 999. |
| 000670 | 03 | TEACHERS OCCURS 10 TIMES. | |
| 000680 | | 05 PROG-TYPE OCCURS 4 TIMES | PICTURE 9. |
| 000690 | 03 | SPECIAL-EQUIP OCCURS 7 TIMES | PICTURE 9. |
| 000700 | 03 | CONV-STUDS | PICTURE 9(4). |
| 000710 | 03 | M-C-RANGE | PICTURE 9. |
| 000720 | 03 | CHANGE | PICTURE 9. |
| 000730 | 03 | COMM-EQUIP OCCURS 5 TIMES | PICTURE 9. |
| 000740 | 03 | TOWER | PICTURE 9. |
| 000750 | 03 | STUD-AIDES | PICTURE 9. |
| 000760 | 03 | AIDES-PAID | PICTURE 9. |
| 000770 | 03 | EXAM | PICTURE 9. |
| 000780 | 03 | MCY-PROGRAM | PICTURE 9. |
| 000790 | 03 | MCYCL-PROG. | |
| 000800 | | 05 IN-DE | PICTURE 9. |
| 000810 | | 05 SEP-COURSE | PICTURE 9. |
| 000820 | | 05 MCYCL-STUDS | PICTURE 999. |
| 000830 | 03 | COURSE-ADULTS-OSY | PICTURE 9. |
| 000840 | 03 | NUM-ADULTS | PICTURE 999. |
| 000850 | 03 | NUM-OSY | PICTURE 999. |
| 000860 | 03 | DRIV-IMPROVE-PROG | PICTURE 9. |
| 000870 | 03 | DIP-STUDS | PICTURE 9999. |
| 000880 | 03 | VOC-DRIV-COURSE | PICTURE 9. |
| 000890 | 03 | SPEC-ED-COURSE | PICTURE 9. |
| 000900 | 03 | SPEC-ED-STUDS | PICTURE 99. |
| 000910 | 03 | PHYS-HAND-COURSE | PICTURE 9. |
| 000920 | 03 | PHYS-HAND-STUDS | PICTURE 99. |
| 000930 | 03 | CONTRACT | PICTURE 9. |
| 000940 | 03 | AM OCCURS 10 TIMES | PICTURE 99. |
| 000950 | 03 | CHRY OCCURS 20 TIMES | PICTURE 99. |
| 000960 | 03 | FORD OCCURS 15 TIMES | PICTURE 99. |
| 000970 | 03 | GM OCCURS 30 TIMES | PICTURE 99. |
| 000980 | 03 | IMPORTS OCCURS 35 TIMES | PICTURE 99. |
| 000990 | 03 | O-MAKES OCCURS 30 TIMES | PICTURE 99. |
| 001000 | 03 | FILLER | PICTURE X(9). |
| 001010 | FD | INPUT-FILE | |
| 001020 | | LABEL RECORDS ARE OMITTED | |

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001030      RECORD CONTAINS 80 CHARACTERS
001040      DATA RECORD IS INPUT-REC.
001050 01   INPUT-REC.
001060      03   PUBLIC-PRIVATE          PICTURE X(7).
001070      88   VALID-PP VALUE 'PRIVATE' 'PUBLIC '.
001080      03   FILLER                    PICTURE X(6).
001090      03   THIS-YEAR.
001100      05   TY1                      PICTURE 9999.
001110      05   FILLER                    PICTURE X.
001120      05   TY2                      PICTURE 99.
001130      03   FIGURES.
001140      05   TENTH-NOW                PICTURE 9(10).
001150      05   STUDS-OLD                PICTURE 9(10).
001160      05   ENDORSED-TEACH          PICTURE 9(10).
001170      03   FILLER                    PICTURE X(30).
001180
001190 FD   MPRINT
001200      LABEL RECORDS ARE STANDARD
001210      RECORD CONTAINS 133 CHARACTERS
001220      BLOCK CONTAINS 0 CHARACTERS
001230      DATA RECORD IS M-LINE.
001240 01   M-LINE                        PICTURE X(133).
001250
001260 FD   PRINT
001270      LABEL RECORDS ARE OMITTED
001280      DATA RECORD IS PRINT-LINE.
001290 01   PRINT-LINE.
001300      03   FILLER                    PICTURE X(5).
001310      03   LAB-OUT.
001320      05   TXT-OUT                    PICTURE X(46).
001330      05   D1                          PICTURE Z(9)9.
001340      05   D2                          PICTURE Z(10)9.
001350      03   OUT-3 REDEFINES LAB-OUT.
001360      05   TXT-OUT-3                  PICTURE X(34).
001370      05   T1                          PICTURE BBBZ(7)9.
001380      05   TT1 REDEFINES T1.
001390      07   FILLER                    PICTURE X(4).
001400      07   XT1                       PICTURE X(7).
001410      05   T2                          PICTURE BBBZ(7)9.
001420      05   TT2 REDEFINES T2.
001430      07   FILLER                    PICTURE X(4).
001440      07   XT2                       PICTURE X(7).
001450      05   T3                          PICTURE BBBZ(7)9.
001460      05   TT3 REDEFINES T3.
001470      07   FILLER                    PICTURE X(4).
001480      07   XT3                       PICTURE X(7).
001490      03   OUT-5 REDEFINES LAB-OUT.
001500      05   TXT-OUT-5                  PICTURE X(19).
001510      05   N1                          PICTURE Z(7)9.
001520      05   N2                          PICTURE Z(8)9.
001530      05   N3                          PICTURE Z(8)9.

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001540      05  N4      PICTURE Z(8)9.
001550      05  N5      PICTURE Z(8)9.
001560      05  FILLER  PICTURE X(4).
001570      03  TITLE-OUT REDEFINES LAB-OUT
001580      PICTURE X(67).
001590 WORKING-STORAGE SECTION.
001600 77  COUNTER      PICTURE 999 VALUE 0.
001610 77  I            PICTURE 99.
001620 77  J            PICTURE 99.
001630 77  K            PICTURE 99.
001640 77  C0          PICTURE X VALUE IS '+'.
001650 77  C1          PICTURE X VALUE IS ' '.
001660 77  C2          PICTURE X VALUE IS '0'.
001670 77  C3          PICTURE X VALUE IS '-'.
001680 77  CP          PICTURE X VALUE IS '1'.
001690 77  CX          PICTURE X.
001700 77  CN          PICTURE 9.
001710 77  I1          PICTURE 99.
001720 77  I2          PICTURE 99.
001730 77  I3          PICTURE 99.
001740 77  I4          PICTURE 99.
001750 77  I5          PICTURE 99.
001760 77  I6          PICTURE 99.
001770 77  I7          PICTURE 99.
001780 77  PR-ULINE    PICTURE X(67).
001790 77  SIMS        PICTURE 9(7).
001800 77  MULTCARS    PICTURE 9(7).
001810 77  CARS-TITLE-1 PICTURE X(72) VALUE '
001820-      '          DEALER DEALERS OTHER CARS OWNED BY'.
001830 77  CARS-TITLE-2 PICTURE X(72) VALUE '
001840-      '          FREE LOANING FREE RENTED SCHOOL'.
001850 77  CARS-TITLE-3 PICTURE X(72) VALUE '
001860-      '          LOAN LOAN OR LEASED AGENCY'.
001870 01  ULINE-3.
001880      03  FILLER      PICTURE X(39) VALUE SPACES.
001890      03  FILLER      PICTURE X(28) VALUE
001900      '          '
001910 01  ULINE-4.
001920      03  FILLER      PICTURE X(43) VALUE SPACES.
001930      03  FILLER      PICTURE X(24) VALUE
001940      '          '
001950 01  ULINE-7.
001960      03  FILLER      PICTURE X(47) VALUE SPACES.
001970      03  FILLER      PICTURE X(20) VALUE
001980      '          '
001990 01  ULINE-13.
002000      03  FILLER      PICTURE X(42) VALUE SPACES.
002010      03  FILLER      PICTURE X(25) VALUE
002020      '          '
002030 01  SPAC          PICTURE X(72) VALUE IS SPACES.
002040 01  LAST-YEAR.

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| 002050 | 03 | FILLER | PICTURE XX. |
| 002060 | 03 | Y1 | PICTURE 99. |
| 002070 | 03 | FILLER | PICTURE X. |
| 002080 | 03 | Y2 | PICTURE 99. |
| 002090 | | | |
| 002100 | 01 | DATE-IN. | |
| 002110 | 03 | Y-I | PICTURE 99. |
| 002120 | 03 | M-I | PICTURE 99. |
| 002130 | 03 | D-I | PICTURE 99. |
| 002140 | | | |
| 002150 | 01 | PROG-NAME. | |
| 002160 | 03 | FILLER | PICTURE X(12) VALUE |
| 002170 | | ' C802 - '. | |
| 002180 | 03 | M-O | PICTURE Z9. |
| 002190 | 03 | FILLER | PICTURE X VALUE '/'. |
| 002200 | 03 | D-O | PICTURE 99. |
| 002210 | 03 | FILLER | PICTURE X VALUE '/'. |
| 002220 | 03 | Y-O | PICTURE 99. |
| 002230 | 03 | FILLER | PICTURE X(47). |
| 002240 | | | |
| 002250 | 01 | TOP-PAGE. | |
| 002260 | 03 | FILLER | PICTURE X(22) VALUE IS SPACES. |
| 002270 | 03 | TOP-PAGE-YEAR | PICTURE X(7). |
| 002280 | 03 | FILLER | PICTURE X(32) VALUE IS |
| 002290 | | ' VIRGINIA DRIVER EDUCATION FACTS'. | |
| 002300 | | | |
| 002310 | 01 | PR-FORM. | |
| 002320 | 03 | TITLE-LINE | PICTURE X(67). |
| 002330 | 03 | NUM | PICTURE 99. |
| 002340 | 03 | TEXTS | OCCURS 32 TIMES. |
| 002350 | | 05 ADV-LINES | PICTURE 9. |
| 002360 | | 05 TEXT-LINE | PICTURE X(45). |
| 002370 | 01 | PR-NUM. | |
| 002380 | 03 | PN OCCURS 35 TIMES | PICTURE 9(7). |
| 002390 | 01 | PR-NUM-X REDEFINES PR-NUM. | |
| 002400 | 03 | PN-X OCCURS 35 TIMES | PICTURE X(7). |
| 002410 | 01 | SCHOOL-REC-T. | |
| 002420 | 03 | DE-PROG-T | PICTURE 9(7). |
| 002430 | 03 | ENROLL-10-T | PICTURE 9(7). |
| 002440 | 03 | STUD-COMP-T . | |
| 002450 | | 05 S-C-T OCCURS 14 TIMES | PICTURE 9(7). |
| 002460 | 03 | STUD-REDF REDEFINES STUD-COMP-T. | |
| 002470 | | 05 S-C-T-X OCCURS 14 TIMES | PICTURE X(7). |
| 002480 | 03 | GRADE-SEM-T. | |
| 002490 | | 05 G-S-T OCCURS 8 TIMES | PICTURE 9(7). |
| 002500 | 03 | BY-AGE-T | PICTURE 9(7). |
| 002510 | 03 | HEALTH-T | PICTURE 9(7). |
| 002520 | 03 | SCHEDULE-T. | |
| 002530 | | 05 SCH-T OCCURS 14 TIMES | PICTURE 9(7). |
| 002540 | 03 | OWN-COURSE-T | PICTURE 9(7). |
| 002550 | 03 | BOOK-T. | |

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| 002560 | | 05 BK-T OCCURS 11 TIMES PICTURE 9(7). |
| 002570 | 03 | CURR-GUIDE-T PICTURE 9(7). |
| 002580 | 03 | DE-SUPERV-T PICTURE 9(7). |
| 002590 | 03 | PROGS-ATTD-T PICTURE 9(7). |
| 002600 | 03 | PROG-TYPE-T. |
| 002610 | | 05 P-T-T OCCURS 8 TIMES PICTURE 9(7). |
| 002620 | 03 | SP-EQUIP-T. |
| 002630 | | 05 SP-EQ-T OCCURS 7 TIMES PICTURE 9(7). |
| 002640 | 03 | CONV-STUDS-T PICTURE 9(7). |
| 002650 | 03 | M-C-RANGE-T PICTURE 9(7). |
| 002660 | 03 | CHANGE-T PICTURE 9(7). |
| 002670 | 03 | TYPE-COMM-T. |
| 002680 | | 05 T-C-T OCCURS 5 TIMES PICTURE 9(7). |
| 002690 | 03 | TOWER-T PICTURE 9(7). |
| 002700 | 03 | STUD-AIDES-T PICTURE 9(7). |
| 002710 | 03 | AIDES-PAID-T PICTURE 9(7). |
| 002720 | 03 | EXAM-T PICTURE 9(7). |
| 002730 | 03 | MCY-PROGRAM-T PICTURE 9(7). |
| 002740 | 03 | MCYCL-PROG-T. |
| 002750 | | 05 M-P-T OCCURS 3 TIMES PICTURE 9(7). |
| 002760 | 03 | COURSE-ADULTS-OSY-T PICTURE 9(7). |
| 002770 | 03 | ADULTS-OSY-T. |
| 002780 | | 05 A-O-T OCCURS 2 TIMES PICTURE 9(7). |
| 002790 | 03 | DRIV-IMPROVE-PROG-T PICTURE 9(7). |
| 002800 | 03 | DIP-STUDS-T PICTURE 9(7). |
| 002810 | 03 | VOC-DRIV-COURSE-T PICTURE 9(7). |
| 002820 | 03 | SPEC-ED-COURSE-T PICTURE 9(7). |
| 002830 | 03 | SPEC-ED-STUDS-T PICTURE 9(7). |
| 002840 | 03 | PHYS-HAND-COURSE-T PICTURE 9(7). |
| 002850 | 03 | PHYS-HAND-STUDS-T PICTURE 9(7). |
| 002860 | 03 | CONTRACT-T PICTURE 9(7). |
| 002870 | 03 | AM-T. |
| 002880 | | 05 A-T OCCURS 10 TIMES PICTURE 9(7). |
| 002890 | 03 | CHRY-T. |
| 002900 | | 05 C-T OCCURS 20 TIMES PICTURE 9(7). |
| 002910 | 03 | FORD-T. |
| 002920 | | 05 F-T OCCURS 15 TIMES PICTURE 9(7). |
| 002930 | 03 | GM-T. |
| 002940 | | 05 G-T OCCURS 30 TIMES PICTURE 9(7). |
| 002950 | 03 | IMPORTS-T. |
| 002960 | | 05 I-T OCCURS 35 TIMES PICTURE 9(7). |
| 002970 | 03 | O-MAKES-T. |
| 002980 | | 05 O-T OCCURS 30 TIMES PICTURE 9(7). |
| 002990 | 03 | TOTAL-CAR. |
| 003000 | | 05 TOTCAR OCCURS 5 TIMES PICTURE 9(7). |
| 003010 | 03 | TOT-C. |
| 003020 | | 05 TOT OCCURS 35 TIMES PICTURE 9(7). |
| 003030 | 03 | TRAD-T PICTURE 9(7). |
| 003040 | 03 | COMPLETE-T PICTURE 9(7). |
| 003050 | 03 | CLASS-ONLY-T PICTURE 9(7). |
| 003060 | 03 | CAR-ONLY-T PICTURE 9(7). |

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| 003070 | 03 | TEACH. | |
| 003080 | | 05 TCH OCCURS 4 TIMES | PICTURE 9(7). |
| 003090 | 03 | NUM-TEACH-T | PICTURE 9(7). |
| 003100 | 01 | PUBLIC-LINE | PICTURE X(67) VALUE ' . |
| 003110- | | ' | PUBLIC SCHOOLS |
| 003120 | 01 | PRIVATE-LINE | PICTURE X(67) VALUE ' . |
| 003130- | | ' | PRIVATE AND PAROCHIAL SCHOOLS |
| 003140 | 01 | SECOND-LINE | PICTURE X(72) VALUE SPACES. |
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| 003160 | 01 | PRIVATE-INF. | |
| 003170 | 03 | PVNSCH | PICTURE 9(7). |
| 003180 | 03 | PVPROG | PICTURE 9(7). |
| 003190 | 03 | PVNOPR | PICTURE 9(7). |
| 003200 | 03 | PVCMP | PICTURE 9(7). |
| 003210 | 03 | PVCLAS | PICTURE 9(7). |
| 003220 | 03 | PVINCR | PICTURE 9(7). |
| 003230 | 03 | PVSSAP | PICTURE 9(7). |
| 003240 | 03 | PVSCLS | PICTURE 9(7). |
| 003250 | 03 | PVSINC | PICTURE 9(7). |
| 003260 | 03 | PVTEAC | PICTURE 9(7). |
| 003270 | 03 | PVNCAR | PICTURE 9(7). |
| 003280 | 01 | PRIVATE REDEFINES PRIVATE-INF. | |
| 003290 | 03 | PRI OCCURS 11 TIMES | PICTURE 9(7). |
| 003300 | | | |
| 003310 | 01 | PUBLIC-INF. | |
| 003320 | 03 | PBNSCH | PICTURE 9(7). |
| 003330 | 03 | PBPROG | PICTURE 9(7). |
| 003340 | 03 | PBNOPR | PICTURE 9(7). |
| 003350 | 03 | PBNTEN | PICTURE 9(7). |
| 003360 | 03 | PBSCMP | PICTURE 9(7). |
| 003370 | 03 | PBPRCT | PICTURE 9(7). |
| 003380 | 03 | PBSOLD | PICTURE 9(7). |
| 003390 | 03 | PBTEAC | PICTURE 9(7). |
| 003400 | 03 | PBTEND | PICTURE 9(7). |
| 003410 | 03 | PB1CAR | PICTURE 9(7). |
| 003420 | 03 | PBSIMU | PICTURE 9(7). |
| 003430 | 03 | PBMULT | PICTURE 9(7). |
| 003440 | 03 | PBNCAR | PICTURE 9(7). |
| 003450 | 03 | PBAOSY | PICTURE 9(7). |
| 003460 | 03 | PBNAOS | PICTURE 9(7). |
| 003470 | 03 | PBDIST | PICTURE 9(7). |
| 003480 | 01 | PUBLIC REDEFINES PUBLIC-INF. | |
| 003490 | 03 | PUB OCCURS 16 TIMES | PICTURE 9(7). |
| 003500 | 01 | QUES-1. | |
| 003510 | 03 | TITLE | PICTURE X(67) VALUE ' 1. SCHOOLS |
| 003520- | | 'OFFERING DRIVER EDUCATION PROGRAM | ' . |
| 003530 | 03 | NUM | PICTURE 99 VALUE 1. |
| 003540 | 03 | FILLER | PICTURE X(46) VALUE |
| 003550 | | '0 | ' . |
| 003560 | 01 | QUES-2. | |
| 003570 | 03 | TITLE | PICTURE X(67) VALUE ' . |

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| 003580- | ' | | | |
| 003590 | 03 | NUM | PICTURE 99 VALUE 1. | |
| 003600 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003610 | | '0 | 2. TOTAL 10TH GRADE ENROLLMENT | '. |
| 003620 | 01 | QUES-3. | | |
| 003630 | 03 | TITLE | PICTURE X(67) VALUE | ' 3. STUDENTS |
| 003640- | | ' | COMPLETING COURSES | SUMMER REGULAR TOTAL'. |
| 003650 | 03 | NUM | PICTURE 99 VALUE 7. | |
| 003660 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003670 | | '2 | A. STATE-APPROVED PROGRAM | '. |
| 003680 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003690 | | '1 | B. CLASSROOM ONLY | '. |
| 003700 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003710 | | '1 | C. IN-CAR ONLY | '. |
| 003720 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003730 | | '0 | | '. |
| 003740 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003750 | | '1 | TOTAL: | '. |
| 003760 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003770 | | '2 | D. MULTIPLE-CAR RANGE | '. |
| 003780 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003790 | | '1 | E. SIMULATOR | '. |
| 003800 | 01 | QUES-4. | | |
| 003810 | 03 | TITLE | PICTURE X(67) VALUE | ' 4. SCHOOLS |
| 003820- | | 'OFFERING | SEMESTER: 1ST | 2ND'. |
| 003830 | 03 | NUM-LINES | PICTURE 99 VALUE 4. | |
| 003840 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003850 | | '2 | A. NINTH GRADE CLASSROOM INSTRUCTION | '. |
| 003860 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003870 | | '1 | B. TENTH GRADE CLASSROOM INSTRUCTION | '. |
| 003880 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003890 | | '1 | C. ELEVENTH GRADE CLASSROOM INSTRUCTION | '. |
| 003900 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003910 | | '1 | D. TWELFTH GRADE CLASSROOM INSTRUCTION | '. |
| 003920 | 01 | QUES-5. | | |
| 003930 | 03 | TITLE | PICTURE X(67) VALUE | ' 5. SCHOOLS |
| 003940- | | 'OFFERING | ELECTIVE PROGRAM BY AGE | '. |
| 003950 | 03 | NUM-LINES | PICTURE 99 VALUE 1. | |
| 003960 | 03 | FILLER | PICTURE X(46) VALUE | |
| 003970 | | '0 | | '. |
| 003980 | | '0 | | '. |
| 003990 | 01 | QUES-6. | | |
| 004000 | 03 | TITLE | PICTURE X(67) VALUE | ' 6. DRIVER E |
| 004010- | | 'D. | PART OF HEALTH AND PHYSICAL EDUCATION | '. |
| 004020 | 03 | NUM-LINES | PICTURE 99 VALUE 1. | |
| 004030 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004040 | | '0 | | '. |
| 004050 | 01 | QUES-7. | | |
| 004060 | 03 | TITLE | PICTURE X(67) VALUE | ' 7. COURSE S |
| 004070- | | 'CHEDULING | CLASSROOM | IN-CAR'. |
| 004080 | 03 | NUM-LINES | PICTURE 99 VALUE 7. | |

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| 004090 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004100 | '2 | A. REGULAR COURSE | | '. |
| 004110 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004120 | '1 | B. DURING STUDY HALL | | '. |
| 004130 | 03 | FILLER | PICTURE X(46) VALUE | ○ |
| 004140 | '1 | C. BEFORE SCHOOL | | '. |
| 004150 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004160 | '1 | D. AFTER SCHOOL | | '. |
| 004170 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004180 | '1 | E. ON WEEKENDS | | '. |
| 004190 | 03 | FILLER | PICTURE X(46) VALUE | ○ |
| 004200 | '1 | F. DURING SUMMER | | '. |
| 004210 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004220 | '1 | G. OTHER | | '. |
| 004230 | 01 | QUES-8. | | |
| 004240 | 03 | TITLE | PICTURE X(67) VALUE | ' 8. SCHOOLS |
| 004250- | | 'WITH OWN COURSE | | ○'. |
| 004260 | 03 | NUM-LINES | PICTURE 99 VALUE | 1. |
| 004270 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004280 | '0 | | | '. |
| 004290 | 01 | QUES-9. | | |
| 004300 | 03 | TITLE | PICTURE X(67) VALUE | ' 9. SCHOOLS |
| 004310- | | 'USING THE FOLLOWING TEXTBOOKS: | | ○'. |
| 004320 | 03 | NUM-LINES | PICTURE 99 VALUE | 11. |
| 004330 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004340 | '2 | SPORTSMANLIKE DRIVING | | '. |
| 004350 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004360 | '1 | DRIVING: A TASK ANALYSIS APPROACH | | '. |
| 004370 | 03 | FILLER | PICTURE X(46) VALUE | ○ |
| 004380 | '1 | DRIVER EDUCATION AND TRAFFIC SAFETY | | '. |
| 004390 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004400 | '1 | IN THE DRIVERS SEAT | | '. |
| 004410 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004420 | '1 | YOUTH AT THE WHEEL | | '. |
| 004430 | 03 | FILLER | PICTURE X(46) VALUE | ○ |
| 004440 | '1 | TOMORROWS DRIVERS | | '. |
| 004450 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004460 | '1 | DRIVE RIGHT | | '. |
| 004470 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004480 | '1 | SAFE PERFORMANCE DRIVING | | '. |
| 004490 | 03 | FILLER | PICTURE X(46) VALUE | ○ |
| 004500 | '1 | CAUTION: DRIVING AHEAD | | '. |
| 004510 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004520 | '1 | LEARNING TO DRIVE DEFENSIVELY | | '. |
| 004530 | 03 | FILLER | PICTURE X(46) VALUE | |
| 004540 | '1 | OTHER | | '. |
| 004550 | 01 | QUES-10. | | |
| 004560 | 03 | TITLE | PICTURE X(67) VALUE | '10. SCHOOLS |
| 004570- | | 'WITH CURRICULUM GUIDE FOR EACH TEACHER | | '. |
| 004580 | 03 | NUM-LINES | PICTURE 99 VALUE | 1. |
| 004590 | 03 | FILLER | PICTURE X(46) VALUE | |

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| 004600 | '0 | | | | |
| 004610 | 01 | QUES-11. | | | |
| 004620 | 03 | TITLE | PICTURE X(67) | VALUE | '11. SCHOOLS |
| 004630- | | 'WITH DRIVER EDUCATION SUPERVISOR | | | '. |
| 004640 | 03 | NUM-LINES | PICTURE 99 | VALUE | 1. |
| 004650 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004660 | '0 | | | | |
| 004670 | 01 | QUES-12. | | | |
| 004680 | 03 | TITLE | PICTURE X(67) | VALUE | '12. TEACHER |
| 004690- | | 'IN-SERVICE TRAINING PROGRAMS ATTENDED | | | '. |
| 004700 | 03 | NUM-LINES | PICTURE 99 | VALUE | 1. |
| 004710 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004720 | '0 | | | | |
| 004730 | 01 | QUES-13. | | | |
| 004740 | 03 | TITLE | PICTURE X(67) | VALUE | '13. PROGRAM |
| 004750- | | 'TYPES | NO. OF COURSES | TEACHERS' | '. |
| 004760 | 03 | NUM-LINES | PICTURE 99 | VALUE | 4. |
| 004770 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004780 | '2 | A. CLASSROOM | | | '. |
| 004790 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004800 | '1 | B. ON-STREET | | | '. |
| 004810 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004820 | '1 | C. RANGE | | | '. |
| 004830 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004840 | '1 | D. SIMULATION | | | '. |
| 004850 | 01 | QUES-14. | | | |
| 004860 | 03 | TITLE | PICTURE X(67) | VALUE | '14. SCHOOLS |
| 004870- | | 'USING THE FOLLOWING: | | | '. |
| 004880 | 03 | NUM-LINES | PICTURE 99 | VALUE | 7. |
| 004890 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004900 | '2 | A. PSYCHOPHYSICAL TEST DEVICES | | | '. |
| 004910 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004920 | '1 | B. DOE SEAT BELT CONVINCER | | | '. |
| 004930 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004940 | '1 | C. OTHER SEAT BELT CONVINCER | | | '. |
| 004950 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004960 | '1 | D. VDOTS FILM LIBRARY | | | '. |
| 004970 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 004980 | '1 | E. VASAP VAN | | | '. |
| 004990 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005000 | '1 | F. VIRGINIA STATE POLICE | | | '. |
| 005010 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005020 | '1 | G. OTHER | | | '. |
| 005030 | 01 | QUES-15. | | | |
| 005040 | 03 | TITLE | PICTURE X(67) | VALUE | '15. STUDENTS |
| 005050- | | ' USING DOE SEAT BELT CONVINCER | | | '. |
| 005060 | 03 | NUM-LINES | PICTURE 99 | VALUE | 1. |
| 005070 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005080 | '0 | | | | |
| 005090 | 01 | QUES-16. | | | |
| 005100 | 03 | TITLE | PICTURE X(67) | VALUE | '16. SCHOOLS |

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| 005620 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. | |
| 005630 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005640 | | '0 | | | '. |
| 005650 | 01 | QUES-24. | | | |
| 005660 | 03 | TITLE | PICTURE X(67) | VALUE '24. | MOTORCYC |
| 005670- | | 'LE PROGRAM | | | '. |
| 005680 | 03 | NUM-LINES | PICTURE 99 | VALUE 3. | |
| 005690 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005700 | | '2 A. AS PART OF DRIVER EDUCATION | | | '. |
| 005710 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005720 | | '1 B. AS SEPARATE COURSE | | | '. |
| 005730 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005740 | | '1 C. STUDENTS COMPLETING PROGRAM | | | '. |
| 005750 | 01 | QUES-25. | | | |
| 005760 | 03 | TITLE | PICTURE X(67) | VALUE '25. | SCHOOLS |
| 005770- | | 'WITH COURSES FOR ADULTS, OUT-OF-SCHOOL YOUTH | | | '. |
| 005780 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. | |
| 005790 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005800 | | '0 | | | '. |
| 005810 | 01 | QUES-26. | | | |
| 005820 | 03 | TITLE | PICTURE X(67) | VALUE '26 A. | ADULT |
| 005830- | | 'S COMPLETING COURSE | | | '. |
| 005840 | 03 | NUM-LINES | PICTURE 99 | VALUE 2. | |
| 005850 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005860 | | '0 | | | '. |
| 005870 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005880 | | '1 B. OUT-OF-SCHOOL YOUTH COMPLETING COURSE | | | '. |
| 005890 | 01 | QUES-27. | | | |
| 005900 | 03 | TITLE | PICTURE X(67) | VALUE '27. | SCHOOLS |
| 005910- | | 'OFFERING DRIVER IMPROVEMENT PROGRAM | | | '. |
| 005920 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. | |
| 005930 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 005940 | | '0 | | | '. |
| 005950 | 01 | QUES-28. | | | |
| 005960 | 03 | TITLE | PICTURE X(67) | VALUE '28. | STUDENTS |
| 005970- | | ' IN DRIVER IMPROVEMENT PROGRAM | | | '. |
| 005980 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. | |
| 005990 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 006000 | | '0 | | | '. |
| 006010 | 01 | QUES-29. | | | |
| 006020 | 03 | TITLE | PICTURE X(67) | VALUE '29. | SCHOOLS |
| 006030- | | 'OFFERING VOCATIONAL DRIVING COURSE | | | '. |
| 006040 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. | |
| 006050 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 006060 | | '0 | | | '. |
| 006070 | 01 | QUES-30. | | | |
| 006080 | 03 | TITLE | PICTURE X(67) | VALUE '30. | SCHOOLS |
| 006090- | | 'WITH COURSE FOR SPECIAL EDUCATION STUDENTS | | | '. |
| 006100 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. | |
| 006110 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 006120 | | '0 | | | '. |

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|---------|----|--|---------------|---------------------|
| 006130 | 01 | QUES-31. | | |
| 006140 | 03 | TITLE | PICTURE X(67) | VALUE '31. SPECIAL |
| 006150- | | 'EDUCATION STUDENTS COMPLETING COURSE | | '. |
| 006160 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. |
| 006170 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006180 | | '0 | | '. |
| 006190 | 01 | QUES-32. | | |
| 006200 | 03 | TITLE | PICTURE X(67) | VALUE '32. SCHOOLS |
| 006210- | | 'WITH COURSE FOR PHYSICALLY HANDICAPPED | | '. |
| 006220 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. |
| 006230 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006240 | | '0 | | '. |
| 006250 | 01 | QUES-33. | | |
| 006260 | 03 | TITLE | PICTURE X(67) | VALUE '33. PHYSICAL |
| 006270- | | 'LY HANDICAPPED STUDENTS COMPLETING COURSE | | '. |
| 006280 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. |
| 006290 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006300 | | '0 | | '. |
| 006310 | 01 | QUES-34. | | |
| 006320 | 03 | TITLE | PICTURE X(67) | VALUE '34. SCHOOLS |
| 006330- | | 'WITH S-7 AGREEMENT | | '. |
| 006340 | 03 | NUM-LINES | PICTURE 99 | VALUE 1. |
| 006350 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006360 | | '0 | | '. |
| 006370 | 01 | QUES-AM. | | |
| 006380 | 03 | TITLE | PICTURE X(67) | VALUE 'AMERICAN MOT |
| 006390- | | 'ORS | | '. |
| 006400 | 03 | NUM-LINES | PICTURE 99 | VALUE 2. |
| 006410 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006420 | | '1 CARS | | '. |
| 006430 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006440 | | '1 JEEPS | | '. |
| 006450 | 01 | QUES-CHRY. | | |
| 006460 | 03 | TITLE | PICTURE X(67) | VALUE 'CHRYSLER |
| 006470- | | ' | | '. |
| 006480 | 03 | NUM-LINES | PICTURE 99 | VALUE 4. |
| 006490 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006500 | | '1 CHRYSLER | | '. |
| 006510 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006520 | | '1 DODGE CARS | | '. |
| 006530 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006540 | | '1 DODGE TRUCKS | | '. |
| 006550 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006560 | | '1 PLYMOUTH | | '. |
| 006570 | 01 | QUES-FORD. | | |
| 006580 | 03 | TITLE | PICTURE X(67) | VALUE 'FORD |
| 006590- | | ' | | '. |
| 006600 | 03 | NUM-LINES | PICTURE 99 | VALUE 3. |
| 006610 | 03 | FILLER | PICTURE X(46) | VALUE |
| 006620 | | '1 FORD CARS | | '. |
| 006630 | 03 | FILLER | PICTURE X(46) | VALUE |

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|---------|----------------------|---------------|---------------------|
| 006640 | '1 FORD TRUCKS | | |
| 006650 | 03 FILLER | PICTURE X(46) | VALUE |
| 006660 | '1 MERCURY | | |
| 006670 | 01 QUES-GM. | | |
| 006680 | 03 TITLE | PICTURE X(67) | VALUE 'GENERAL MOTO |
| 006690- | 'RS | | |
| 006700 | 03 NUM-LINES | PICTURE 99 | VALUE 6. |
| 006710 | 03 FILLER | PICTURE X(46) | VALUE |
| 006720 | '1 BUICK | | |
| 006730 | 03 FILLER | PICTURE X(46) | VALUE |
| 006740 | '1 CHEVROLET CARS | | |
| 006750 | 03 FILLER | PICTURE X(46) | VALUE |
| 006760 | '1 CHEVROLET TRUCKS | | |
| 006770 | 03 FILLER | PICTURE X(46) | VALUE |
| 006780 | '1 GMC TRUCKS | | |
| 006790 | 03 FILLER | PICTURE X(46) | VALUE |
| 006800 | '1 OLDSMOBILE | | |
| 006810 | 03 FILLER | PICTURE X(46) | VALUE |
| 006820 | '1 PONTIAC | | |
| 006830 | 01 QUES-IMPORTS. | | |
| 006840 | 03 TITLE | PICTURE X(67) | VALUE 'IMPORTS |
| 006850- | ' | | |
| 006860 | 03 NUM-LINES | PICTURE 99 | VALUE 7. |
| 006870 | 03 FILLER | PICTURE X(46) | VALUE |
| 006880 | '1 FIAT | | |
| 006890 | 03 FILLER | PICTURE X(46) | VALUE |
| 006900 | '1 DATSUN | | |
| 006910 | 03 FILLER | PICTURE X(46) | VALUE |
| 006920 | '1 HONDA | | |
| 006930 | 03 FILLER | PICTURE X(46) | VALUE |
| 006940 | '1 SUBARU | | |
| 006950 | 03 FILLER | PICTURE X(46) | VALUE |
| 006960 | '1 TOYOTA | | |
| 006970 | 03 FILLER | PICTURE X(46) | VALUE |
| 006980 | '1 VOLKSWAGEN | | |
| 006990 | 03 FILLER | PICTURE X(46) | VALUE |
| 007000 | '1 VOLVO | | |
| 007010 | 01 QUES-OTHER-MAKES. | | |
| 007020 | 03 TITLE | PICTURE X(67) | VALUE ' |
| 007030- | ' | | |
| 007040 | 03 NUM-LINES | PICTURE 99 | VALUE 1. |
| 007050 | 03 FILLER | PICTURE X(46) | VALUE |
| 007060 | '0OTHER MAKES | | |
| 007070 | 01 QUES-TOTAL. | | |
| 007080 | 03 TITLE | PICTURE X(67) | VALUE ' |
| 007090- | ' | | |
| 007100 | 03 NUM-LINES | PICTURE 99 | VALUE 1. |
| 007110 | 03 FILLER | PICTURE X(46) | VALUE |
| 007120 | '0TOTAL | | |
| 007130 | | | |
| 007140 | 01 QUES-PRIVATE. | | |

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|-----------|----|---|-----------------------------------|----|
| 007150 | 03 | TITLE | PICTURE X(67) VALUE 'GENERAL INFO | '. |
| 007160- | | FORMATION ON DRIVER EDUCATION | | '. |
| 007170 | 03 | NUM-LINES | PICTURE 99 VALUE 11. | |
| 007180 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007190 | '2 | 1. NUMBER OF ELIGIBLE PRIVATE AND PAROCHIAL | '. | |
| 007200 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007210 | '1 | SCHOOLS BASED ON TENTH GRADE ENROLLMENT | '. | |
| 007220 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007230 | '2 | A. SCHOOLS WITH PROGRAM | '. | |
| 007240 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007250 | '0 | | '. | |
| 007260 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007270 | '1 | B. SCHOOLS WITHOUT PROGRAM | '. | |
| 007280 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007290 | '0 | | '. | |
| 007300 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007310 | '2 | 2. NUMBER OF PRIVATE AND PAROCHIAL SCHOOLS | '. | |
| 007320 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007330 | '1 | OFFERING COMPLETE PROGRAM | '. | |
| 007340 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007350 | '2 | 3. NUMBER OF PRIVATE AND PAROCHIAL SCHOOLS | '. | |
| 007360 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007370 | '1 | OFFERING CLASSROOM INSTRUCTION ONLY | '. | |
| 007380 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007390 | '2 | 4. NUMBER OF PRIVATE AND PAROCHIAL SCHOOLS | '. | |
| 007400 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007410 | '1 | OFFERING IN-CAR INSTRUCTION ONLY | '. | |
| 007420 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007430 | '2 | 5. NUMBER OF STUDENTS COMPLETING STATE- | '. | |
| 007440 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007450 | '1 | APPROVED PROGRAM | '. | |
| 007460 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007470 | '2 | 6. NUMBER OF STUDENTS COMPLETING CLASSROOM | '. | |
| 007480 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007490 | '1 | INSTRUCTION ONLY | '. | |
| 007500 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007510 | '2 | 7. NUMBER OF STUDENTS COMPLETING ON-STREET | '. | |
| 007520 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007530 | '1 | INSTRUCTION ONLY | '. | |
| 007540 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007550 | '2 | 8. NUMBER OF TEACHERS TEACHING STATE- | '. | |
| 007560 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007570 | '1 | APPROVED PROGRAM | '. | |
| 007580 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007590 | '2 | 9. TOTAL NUMBER OF CARS USED IN THE DRIVER | '. | |
| 007600 | 03 | FILLER | PICTURE X(46) VALUE | |
| 007610 | '1 | EDUCATION PROGRAMS | '. | |
| 007620 | | | | |
| 007630 01 | | QUES-PUBLIC. | | |
| 007640 | 03 | TITLE | PICTURE X(67) VALUE 'GENERAL INFO | '. |
| 007650- | | FORMATION ON DRIVER EDUCATION | | '. |

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| 007660 | 03 | NUM-LINES | PICTURE 99 | VALUE 16. | |
| 007670 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007680 | '2 | 1. NUMBER OF ELIGIBLE HIGH SCHOOLS BASED ON | | | '. |
| 007690 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007700 | '1 | TENTH GRADE ENROLLMENT | | | '. |
| 007710 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007720 | '2 | A. SCHOOLS WITH PROGRAM | | | '. |
| 007730 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007740 | '0 | | | | '. |
| 007750 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007760 | '1 | B. SCHOOLS WITHOUT PROGRAM | | | '. |
| 007770 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007780 | '0 | | | | '. |
| 007790 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007800 | '2 | 2. NUMBER OF ELIGIBLE STUDENTS BASED ON | | | '. |
| 007810 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007820 | '1 | TENTH GRADE ENROLLMENT | | | '. |
| 007830 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007840 | '2 | 3. NUMBER OF STUDENTS COMPLETING THE | | | '. |
| 007850 | 03 | FILLER | PICTURE X(36) | VALUE | |
| 007860 | '1 | STATE-APPROVED PROGRAM, | | | '. |
| 007870 | 03 | YR-3 | PICTURE X(10). | | |
| 007880 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007890 | '2 | 4. PERCENT OF ELIGIBLE STUDENTS COMPLETING | | | '. |
| 007900 | 03 | FILLER | PICTURE X(36) | VALUE | |
| 007910 | '1 | STATE-APPROVED PROGRAM, | | | '. |
| 007920 | 03 | YR-2 | PICTURE X(10). | | |
| 007930 | | | | | |
| 007940 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 007950 | '2 | 5. NUMBER OF STUDENTS COMPLETING THE | | | '. |
| 007960 | 03 | FILLER | PICTURE X(36) | VALUE | |
| 007970 | '1 | STATE-APPROVED PROGRAM, | | | '. |
| 007980 | 03 | PREV-YR | PICTURE X(10). | | |
| 007990 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008000 | '2 | 6. NUMBER OF TEACHERS TEACHING DRIVER | | | '. |
| 008010 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008020 | '1 | EDUCATION | | | '. |
| 008030 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008040 | '2 | 7. NUMBER OF TEACHERS ENDORSED DURING | | | '. |
| 008050 | 03 | FILLER | PICTURE X(12) | VALUE | |
| 008060 | '1 | | | | '. |
| 008070 | 03 | YR-1 | PICTURE X(7). | | |
| 008080 | 03 | FILLER | PICTURE X(27) | VALUE SPACES. | |
| 008090 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008100 | '2 | 8. NUMBER OF SCHOOLS USING TRADITIONAL | | | '. |
| 008110 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008120 | '1 | CLASSROOM AND ON-STREET ONLY | | | '. |
| 008130 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008140 | '2 | | | | '. |
| 008150 | 03 | FILLER | PICTURE X(46) | VALUE | |
| 008160 | '0 | 9. NUMBER OF SCHOOLS USING SIMULATORS | | | '. |

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|--------|----|---|---------------------|----|
| 008170 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008180 | | '210. NUMBER OF SCHOOLS USING MULTIPLE-CAR | | '. |
| 008190 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008200 | | '1 DRIVING RANGES | | '. |
| 008210 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008220 | | '211. TOTAL NUMBER OF VEHICLES USED IN THE | | '. |
| 008230 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008240 | | '1 DRIVER EDUCATION PROGRAM | | '. |
| 008250 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008260 | | '212 A. NUMBER OF SCHOOLS OFFERING ADULT AND | | '. |
| 008270 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008280 | | '1 OUT-OF-SCHOOL YOUTH PROGRAM | | '. |
| 008290 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008300 | | '2 B. NUMBER OF STUDENTS COMPLETING THE | | '. |
| 008310 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008320 | | '1 PROGRAM | | '. |
| 008330 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008340 | | '213. NUMBER OF SCHOOL DIVISIONS PARTICIPATING, | | '. |
| 008350 | 03 | FILLER | PICTURE X(46) VALUE | |
| 008360 | | '1 OUT OF 141 | | '. |


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008370 PROCEDURE DIVISION.
008380 START-UP.
008390     OPEN INPUT  DE-FILE INPUT-FILE
008400         OUTPUT PRINT MPRINT.
008410
008420     ACCEPT DATE-IN FROM DATE.
008430     MOVE M-I TO M-O.
008440     MOVE D-I TO D-O.
008450     MOVE Y-I TO Y-O.
008460 READ-INPUT.
008470     READ INPUT-FILE AT END GO TO END-OF-JOB.
008480     IF NOT VALID-PP OR TY1 IS NOT NUMERIC OR TY2 IS NOT NUMERIC
008490         DISPLAY ' '
008500         DISPLAY '*** ERROR ON PARAMETER CARD '
008510         DISPLAY ' '
008520         GO TO READ-INPUT.
008530
008540     MOVE ZEROES TO TEACH.
008550     EXAMINE FIGURES REPLACING ALL SPACES BY ZEROES.
008560     MOVE TENTH-NOW TO PBNTEN.
008570     MOVE STUDS-OLD TO PBSOLD.
008580     MOVE ENDORSED-TEACH TO PBTEND.
008590
008600*         SUBTRACT TO GET LAST YEAR'S DATES. FILL DATES IN
008610*         APPROPRIATE PLACES IN QUESTION TEXTS.
008620
008630     MOVE THIS-YEAR TO LAST-YEAR, YR-1, YR-2, YR-3, TOP-PAGE-YEAR.
008640     SUBTRACT 1 FROM Y1, Y2.
008650     MOVE LAST-YEAR TO PREV-YR.
008660     MOVE ZEROES TO COUNTER, SIMS, MULTCARS.
008670     MOVE ZEROES TO SCHOOL-REC-T.
008680
008690*         FIX CORRECT SECOND LINE OF PAGE HEADING.
008700
008710     IF PUBLIC-PRIVATE IS EQUAL TO 'PUBLIC '
008720         MOVE PUBLIC-LINE TO SECOND-LINE
008730         PERFORM START-PAGE
008740         GO TO READ-PUBLIC.
008750     IF PUBLIC-PRIVATE IS EQUAL TO 'PRIVATE'
008760         MOVE PRIVATE-LINE TO SECOND-LINE
008770         PERFORM START-PAGE
008780         GO TO READ-PRIVATE.
008790
008800 READ-PUBLIC.
008810     READ DE-FILE AT END GO TO PRINT-RESULTS.
008820     IF NOT PUB-CODE GO TO READ-PUBLIC ELSE
008830         ADD 1 TO COUNTER.
008840     EXAMINE SCHOOL-REC REPLACING ALL SPACES BY ZEROES.
008850     IF DE-PROG IS EQUAL TO 1 PERFORM ADD-IN.
008860     GO TO READ-PUBLIC.
008870

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008880 READ-PRIVATE.
008890     READ DE-FILE AT END GO TO PRINT-RESULTS.
008900     IF NOT PRI-CODE GO TO READ-PRIVATE ELSE
008910     ADD 1 TO COUNTER.
008920     EXAMINE SCHOOL-REC REPLACING ALL SPACES BY ZEROES.
008930     IF DE-PROG IS EQUAL TO 1 PERFORM ADD-IN.
008940     GO TO READ-PRIVATE.
008950
008960 PRINT-RESULTS.
008970     MOVE QUES-1 TO PR-FORM.
008980     MOVE DE-PROG-T TO PR-NUM.
008990         PERFORM PR-WITH-1.
009000
009010     MOVE QUES-2 TO PR-FORM.
009020     MOVE ENROLL-10-T TO PR-NUM.
009030         PERFORM PR-WITH-1.
009040
009050     MOVE QUES-3 TO PR-FORM.
009060     MOVE ULINE-3 TO PR-ULINE.
009070     MOVE S-C-T (7) TO S-C-T (11).
009080     MOVE S-C-T (8) TO S-C-T (12).
009090     MOVE S-C-T (9) TO S-C-T (13).
009100     MOVE S-C-T (10) TO S-C-T (14).
009110     MOVE ' _____ ' TO S-C-T-X (7) S-C-T-X (8).
009120     COMPUTE S-C-T (9) = S-C-T (1) + S-C-T (3) + S-C-T (5).
009130     COMPUTE S-C-T (10) = S-C-T (2) + S-C-T (4) + S-C-T (6).
009140     MOVE STUD-COMP-T TO PR-NUM.
009150         PERFORM PR-WITH-SUM.
009160
009170     MOVE QUES-4 TO PR-FORM.
009180     MOVE ULINE-4 TO PR-ULINE.
009190     MOVE GRADE-SEM-T TO PR-NUM.
009200         PERFORM PR-WITH-2.
009210
009220     MOVE QUES-5 TO PR-FORM.
009230     MOVE BY-AGE-T TO PR-NUM.
009240         PERFORM PR-WITH-1.
009250
009260     MOVE QUES-6 TO PR-FORM.
009270     MOVE HEALTH-T TO PR-NUM.
009280         PERFORM PR-WITH-1.
009290
009300     MOVE QUES-7 TO PR-FORM.
009310     MOVE ULINE-7 TO PR-ULINE.
009320     MOVE SCHEDULE-T TO PR-NUM.
009330         PERFORM PR-WITH-2.
009340
009350     MOVE QUES-8 TO PR-FORM.
009360     MOVE OWN-COURSE-T TO PR-NUM.
009370         PERFORM PR-WITH-1.
009380

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009390 MOVE QUES-9 TO PR-FORM.
009400 MOVE BOOK-T TO PR-NUM.
009410 PERFORM PR-WITH-1.
009420
009430 PERFORM START-PAGE.
009440
009450 MOVE QUES-10 TO PR-FORM.
009460 MOVE CURR-GUIDE-T TO PR-NUM.
009470 PERFORM PR-WITH-1.
009480
009490 MOVE QUES-11 TO PR-FORM.
009500 MOVE DE-SUPERV-T TO PR-NUM.
009510 PERFORM PR-WITH-1.
009520
009530 MOVE QUES-12 TO PR-FORM.
009540 MOVE PROGS-ATTD-T TO PR-NUM.
009550 PERFORM PR-WITH-1.
009560
009570 MOVE QUES-13 TO PR-FORM.
009580 MOVE ULINE-13 TO PR-ULINE.
009590 MOVE PROG-TYPE-T TO PR-NUM.
009600 PERFORM PR-WITH-2.
009610
009620 MOVE QUES-14 TO PR-FORM.
009630 MOVE SP-EQUIP-T TO PR-NUM.
009640 PERFORM PR-WITH-1.
009650
009660 MOVE QUES-15 TO PR-FORM.
009670 MOVE CONV-STUDS-T TO PR-NUM.
009680 PERFORM PR-WITH-1.
009690
009700 MOVE QUES-16 TO PR-FORM.
009710 MOVE M-C-RANGE-T TO PR-NUM.
009720 PERFORM PR-WITH-1.
009730
009740 MOVE QUES-17 TO PR-FORM.
009750 MOVE CHANGE-T TO PR-NUM.
009760 PERFORM PR-WITH-1.
009770
009780 MOVE QUES-18 TO PR-FORM.
009790 MOVE TYPE-COMM-T TO PR-NUM.
009800 PERFORM PR-WITH-1.
009810
009820 MOVE QUES-19 TO PR-FORM.
009830 MOVE TOWER-T TO PR-NUM.
009840 PERFORM PR-WITH-1.
009850
009860 MOVE QUES-20 TO PR-FORM.
009870 MOVE STUD-AIDES-T TO PR-NUM.
009880 PERFORM PR-WITH-1.
009890

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009900 MOVE QUES-21 TO PR-FORM.
009910 MOVE AIDES-PAID-T TO PR-NUM.
009920 PERFORM PR-WITH-1.
009930
009940
009950 PERFORM START-PAGE.
009960
009970 MOVE QUES-22 TO PR-FORM.
009980 MOVE EXAM-T TO PR-NUM.
009990 PERFORM PR-WITH-1.
010000
010010 MOVE QUES-23 TO PR-FORM.
010020 MOVE MCY-PROGRAM-T TO PR-NUM.
010030 PERFORM PR-WITH-1.
010040
010050 MOVE QUES-24 TO PR-FORM.
010060 MOVE MCYCL-PROG-T TO PR-NUM.
010070 PERFORM PR-WITH-1.
010080
010090 MOVE QUES-25 TO PR-FORM.
010100 MOVE COURSE-ADULTS-OSY-T TO PR-NUM.
010110 PERFORM PR-WITH-1.
010120
010130 MOVE QUES-26 TO PR-FORM.
010140 MOVE ADULTS-OSY-T TO PR-NUM.
010150 PERFORM PR-WITH-1.
010160
010170 MOVE QUES-27 TO PR-FORM.
010180 MOVE DRIV-IMPROVE-PROG-T TO PR-NUM.
010190 PERFORM PR-WITH-1.
010200
010210 MOVE QUES-28 TO PR-FORM.
010220 MOVE DIP-STUDS-T TO PR-NUM.
010230 PERFORM PR-WITH-1.
010240
010250 MOVE QUES-29 TO PR-FORM.
010260 MOVE VOC-DRIV-COURSE-T TO PR-NUM.
010270 PERFORM PR-WITH-1.
010280
010290 MOVE QUES-30 TO PR-FORM.
010300 MOVE SPEC-ED-COURSE-T TO PR-NUM.
010310 PERFORM PR-WITH-1.
010320
010330 MOVE QUES-31 TO PR-FORM.
010340 MOVE SPEC-ED-STUDS-T TO PR-NUM.
010350 PERFORM PR-WITH-1.
010360
010370 MOVE QUES-32 TO PR-FORM.
010380 MOVE PHYS-HAND-COURSE-T TO PR-NUM.
010390 PERFORM PR-WITH-1.
010400

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010410      MOVE QUES-33 TO PR-FORM.
010420      MOVE PHYS-HAND-STUDS-T TO PR-NUM.
010430              PERFORM PR-WITH-1.
010440
010450      MOVE QUES-34 TO PR-FORM.
010460      MOVE CONTRACT-T TO PR-NUM.
010470              PERFORM PR-WITH-1.
010480
010490              PERFORM START-PAGE.
010500
010510      WRITE PRINT-LINE FROM CARS-TITLE-1 AFTER ADVANCING 3 LINES.
010520      WRITE PRINT-LINE FROM CARS-TITLE-2 AFTER ADVANCING 1 LINES.
010530      WRITE PRINT-LINE FROM CARS-TITLE-3 AFTER ADVANCING 1 LINES.
010540
010550*      WRITE TO MICROFICHE FILE
010560              WRITE M-LINE FROM CARS-TITLE-1 AFTER POSITIONING C3 LINES.
010570              WRITE M-LINE FROM CARS-TITLE-2 AFTER POSITIONING C1 LINES.
010580              WRITE M-LINE FROM CARS-TITLE-3 AFTER POSITIONING C1 LINES.
010590
010600*              THIS PRINTS THE PAGE WITH NUMBERS OF CARS USED, SEPAR
010610*              BY MAKE.
010620
010630      MOVE QUES-AM TO PR-FORM.
010640      MOVE AM-T          TO PR-NUM.
010650      PERFORM PR-WITH-5.
010660
010670      MOVE QUES-CHRY TO PR-FORM.
010680      MOVE CHRY-T        TO PR-NUM.
010690      PERFORM PR-WITH-5.
010700
010710      MOVE QUES-FORD TO PR-FORM.
010720      MOVE FORD-T        TO PR-NUM.
010730      PERFORM PR-WITH-5.
010740
010750      MOVE QUES-GM TO PR-FORM.
010760      MOVE GM-T          TO PR-NUM.
010770      PERFORM PR-WITH-5.
010780
010790      MOVE QUES-IMPORTS TO PR-FORM.
010800      MOVE IMPORTS-T TO PR-NUM.
010810      PERFORM PR-WITH-5.
010820
010830      MOVE QUES-OTHER-MAKES TO PR-FORM.
010840      MOVE O-MAKES-T    TO PR-NUM.
010850      PERFORM PR-WITH-5.
010860
010870
010880      MOVE QUES-TOTAL TO PR-FORM.
010890      PERFORM ADD-TOT    VARYING I FROM 1 BY 1 UNTIL I IS GREATER
010900              THAN 5.
010910      MOVE TOTAL-CAR TO PR-NUM.

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010920     PERFORM PR-WITH-5.
010930
010940     PERFORM START-PAGE.
010950
010960     IF PUBLIC-PRIVATE IS EQUAL TO 'PRIVATE'
010970         PERFORM PRINT-PRIVATE
010980         CLOSE DE-FILE
010990         OPEN INPUT DE-FILE
011000         GO TO READ-INPUT.
011010     IF PUBLIC-PRIVATE IS EQUAL TO 'PUBLIC '
011020         PERFORM PRINT-PUBLIC
011030         CLOSE DE-FILE
011040         OPEN INPUT DE-FILE
011050         GO TO READ-INPUT.
011060
011070     END-OF-JOB.
011080     CLOSE DE-FILE INPUT-FILE.
011090     CLOSE PRINT MPRINT.
011100
011110     STOP RUN.
011120     PRINT-PUBLIC.
011130
011140*           THIS PRINTS THE PAGE OF GENERAL INFORMATION FOR
011150*           PUBLIC SCHOOLS.
011160
011170     MOVE COUNTER TO PBNSCH.
011180     MOVE DE-PROG-T TO PBPROG.
011190     SUBTRACT DE-PROG-T FROM COUNTER GIVING PBNOPR.
011200     COMPUTE PBSCMP = S-C-T (1) + S-C-T (2).
011210     COMPUTE PBPRCT = 100 * PBSCMP / PBNTEN.
011220     MOVE NUM-TEACH-T TO PBTEAC.
011230     MOVE TRAD-T TO PBICAR.
011240     MOVE SIMS TO PBSIMU.
011250     MOVE MULTCARS TO PBMULT.
011260     COMPUTE PBNCAR = TOTCAR (1) + TOTCAR (2) + TOTCAR (3)
011270         + TOTCAR (4) + TOTCAR (5).
011280     MOVE COURSE-ADULTS-OSY-T TO PBAOSY.
011290     COMPUTE PBNAOS = A-O-T (1) + A-O-T (2).
011300     MOVE 141 TO PBDIST.
011310     MOVE QUES-PUBLIC TO PR-FORM.
011320     MOVE PUBLIC TO PR-NUM.
011330     PERFORM PRINT-GEN-INFO.
011340
011350     PRINT-PRIVATE.
011360
011370*           THIS PRINTS THE PAGE OF GENERAL INFORMATION FOR
011380*           PRIVATE SCHOOLS.
011390
011400     MOVE COUNTER TO PVNSCH.
011410     MOVE DE-PROG-T TO PVPROG.
011420     SUBTRACT DE-PROG-T FROM COUNTER GIVING PVNOPR.
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011430 MOVE COMPLETE-T TO PVCMP.L.
 011440 MOVE CLASS-ONLY-T TO PVCLAS.
 011450 MOVE CAR-ONLY-T TO PVINCR.
 011460 COMPUTE PVSSAP = S-C-T (1) + S-C-T (2).
 011470 COMPUTE PVSCLS = S-C-T (3) + S-C-T (4).
 011480 COMPUTE PVSINC = S-C-T (5) + S-C-T (6).
 011490 MOVE NUM-TEACH-T TO PVTEAC.
 011500 COMPUTE PVNCAR = TOTCAR (1) + TOTCAR (2) + TOTCAR (3) +
 011510 TOTCAR (4) + TOTCAR (5).
 011520 MOVE QUES-PRIVATE TO PR-FORM.
 011530 MOVE PRIVATE TO PR-NUM.
 011540 PERFORM PRINT-GEN-INFO.
 011550 PR-WITH-1.
 011560
 011570* THIS ASSUMES THAT THE TEXT IS IN PR-FORM AND THE
 011580* CORRESPONDING DATA VALUES ARE IN PR-NUM, AND PRINTS
 011590* THE QUESTIONS AND ANSWERS, ONE ANSWER PER QUESTION.
 011600
 011610 PERFORM PRINT-TITLE.
 011620 PERFORM PRINT-1 VARYING I FROM 1 BY 1
 011630 UNTIL I IS GREATER THAN NUM OF PR-FORM.
 011640 PRINT-1.
 011650 MOVE TEXT-LINE (I) TO TXT-OUT.
 011660 MOVE PN (I) TO D2.
 011670 WRITE PRINT-LINE AFTER ADVANCING ADV-LINES (I) LINES.
 011680* WRITE TO MICROFICHE FILE
 011690 MOVE ADV-LINES (I) TO CN.
 011700 PERFORM WRITE-MICROFICHE.
 011710
 011720 PR-WITH-2.
 011730
 011740* THIS ASSUMES THAT THE TEXT IS IN PR-FORM AND THE
 011750* CORRESPONDING DATA VALUES ARE IN PR-NUM, AND PRINTS
 011760* THE QUESTIONS AND ANSWERS, TWO ANSWERS PER QUESTION.
 011770
 011780 PERFORM PRINT-TITLE.
 011790 MOVE PR-ULINE TO TITLE-OUT.
 011800 WRITE PRINT-LINE AFTER ADVANCING 0 LINES.
 011810* WRITE TO MICROFICHE FILE
 011820 WRITE M-LINE FROM PRINT-LINE AFTER POSITIONING C0 LINES.
 011830 PERFORM PRINT-2 VARYING I FROM 1 BY 1
 011840 UNTIL I IS GREATER THAN NUM OF PR-FORM.
 011850 PRINT-2.
 011860 MOVE TEXT-LINE (I) TO TXT-OUT.
 011870 COMPUTE I1 = (2 * I) - 1.
 011880 COMPUTE I2 = 2 * I.
 011890 MOVE PN (I1) TO D1.
 011900 MOVE PN (I2) TO D2.
 011910 WRITE PRINT-LINE AFTER ADVANCING ADV-LINES (I) LINES.
 011920* WRITE TO MICROFICHE FILE
 011930 MOVE ADV-LINES (I) TO CN.

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011940     PERFORM WRITE-MICROFICHE.
011950
011960
011970 PR-WITH-SUM.
011980
011990
012000     PERFORM PRINT-TITLE.
012010     MOVE PR-ULINE TO TITLE-OUT.
012020     WRITE PRINT-LINE AFTER ADVANCING 0 LINES.
012030*    WRITE TO MICROFICHE FILE
012040     WRITE M-LINE FROM PRINT-LINE AFTER POSITIONING C0 LINES.
012050     PERFORM PRINT-SUM VARYING I FROM 1 BY 1
012060     UNTIL I IS GREATER THAN NUM OF PR-FORM.
012070 PRINT-SUM.
012080     MOVE SPACES TO LAB-OUT.
012090     MOVE TEXT-LINE (I) TO TXT-OUT-3.
012100     COMPUTE I1 = (2 * I) - 1.
012110     COMPUTE I2 = 2 * I.
012120     IF PN (I1) IS NOT NUMERIC
012130         MOVE PN-X (I1) TO XT1
012140         ELSE MOVE PN (I1) TO T1.
012150     IF PN (I2) IS NOT NUMERIC
012160         MOVE PN-X (I2) TO XT2
012170         ELSE MOVE PN (I2) TO T2.
012180     IF PN (I1) IS NOT NUMERIC MOVE PN-X (I1) TO XT3
012190         ELSE COMPUTE T3 = PN (I1) + PN (I2).
012200     WRITE PRINT-LINE AFTER ADVANCING ADV-LINES (I) LINES.
012210*    WRITE TO MICROFICHE FILE
012220     MOVE ADV-LINES (I) TO CN.
012230     PERFORM WRITE-MICROFICHE.
012240
012250 PR-WITH-5.
012260
012270*
012280*    THIS ASSUMES THAT THE TEXT IS IN PR-FORM AND THE
012290*    CORRESPONDING DATA VALUES ARE IN PR-NUM, AND PRINTS
012300*    THE QUESTIONS AND ANSWERS, FIVE ANSWERS PER QUESTION.
012310
012320     PERFORM PRINT-TITLE.
012330     PERFORM PRINT-5 VARYING I FROM 1 BY 1
012340     UNTIL I IS GREATER THAN NUM OF PR-FORM.
012350 PRINT-5.
012360     MOVE TEXT-LINE (I) TO TXT-OUT-5.
012370     COMPUTE I1 = (5 * I) - 4.
012380     COMPUTE I2 = I1 + 1.
012390     COMPUTE I3 = I2 + 1.
012400     COMPUTE I4 = I3 + 1.
012410     COMPUTE I5 = I4 + 1.
012420     MOVE PN (I1) TO N1.
012430     MOVE PN (I2) TO N2.
012440     MOVE PN (I3) TO N3.

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012450 MOVE PN (I4) TO N4.
 012460 MOVE PN (I5) TO N5.
 012470 WRITE PRINT-LINE AFTER ADVANCING ADV-LINES (I) LINES.
 012480* WRITE TO MICROFICHE FILE
 012490 MOVE ADV-LINES (I) TO CN.
 012500 PERFORM WRITE-MICROFICHE.
 012510
 012520 PRINT-GEN-INFO.
 012530
 012540* THIS PRINTS THE FINAL PAGE. IT ASSUMES TEXT IS IN PR-
 012550* WITH TWO LINES OF TEXT FOR EACH QUESTION, AND ANSWERS
 012560* IN PR-NUM.
 012570
 012580 PERFORM PRINT-TITLE.
 012590 PERFORM PRINT-GEN VARYING I FROM 1 BY 1 UNTIL I IS
 012600 GREATER THAN NUM OF PR-FORM.
 012610 PRINT-GEN.
 012620 COMPUTE I1 = (2 * I) - 1.
 012630 COMPUTE I2 = (2 * I).
 012640 MOVE SPAC TO PRINT-LINE.
 012650 MOVE TEXT-LINE (I1) TO TXT-OUT.
 012660 WRITE PRINT-LINE AFTER ADVANCING ADV-LINES (I1) LINES.
 012670* WRITE TO MICROFICHE FILE
 012680 MOVE ADV-LINES (I1) TO CN.
 012690 PERFORM WRITE-MICROFICHE.
 012700 MOVE TEXT-LINE (I2) TO TXT-OUT.
 012710 MOVE PN (I) TO D2.
 012720 WRITE PRINT-LINE AFTER ADVANCING ADV-LINES (I2) LINES.
 012730* WRITE TO MICROFICHE FILE
 012740 MOVE ADV-LINES (I2) TO CN.
 012750 PERFORM WRITE-MICROFICHE.
 012760
 012770
 012780 PRINT-TITLE.
 012790 MOVE TITLE-LINE TO TITLE-OUT.
 012800 WRITE PRINT-LINE AFTER ADVANCING 2 LINES.
 012810* WRITE TO MICROFICHE FILE
 012820 WRITE M-LINE FROM PRINT-LINE AFTER POSITIONING C2 LINES.
 012830 MOVE SPAC TO PRINT-LINE.
 012840
 012850 ADD-IN.
 012860
 012870* THIS LOOKS AT EACH ITEM IN THE INPUT RECORD AND ADDS
 012880* INTO THE APPROPRIATE TABLE ITEM. AN ANSWER OF '1' IS
 012890* ASSUMED TO MEAN 'YES' ON YES-NO QUESTIONS.
 012900
 012910 ADD 1 TO DE-PROG-T.
 012920 ADD ENROLL-10 TO ENROLL-10-T.
 012930 PERFORM ADD-STUD-COMP VARYING I FROM 1 BY 1
 012940 UNTIL I IS GREATER THAN 10.
 012950 PERFORM ADD-GRADE-SEM VARYING I FROM 1 BY 1

012960 UNTIL I IS GREATER THAN 8.
 012970 IF BY-AGE IS EQUAL TO 1 ADD 1 TO BY-AGE-T.
 012980 IF HEALTH IS EQUAL TO 1 ADD 1 TO HEALTH-T.
 012990 PERFORM ADD-SCHEDULE VARYING I FROM 1 BY 1
 013000 UNTIL I IS GREATER THAN 14.
 013010 IF OWN-COURSE IS EQUAL TO 1 ADD 1 TO OWN-COURSE-T.
 013020 PERFORM ADD-BOOK VARYING I FROM 1 BY 1
 013030 UNTIL I IS GREATER THAN 11.
 013040 IF CURR-GUIDE IS EQUAL TO 1 ADD 1 TO CURR-GUIDE-T.
 013050 IF DE-SUPERV IS EQUAL TO 1 ADD 1 TO DE-SUPERV-T.
 013060 ADD PROGS-ATTD TO PROGS-ATTD-T.
 013070 MOVE ZEROES TO TEACH.
 013080 PERFORM ADD-PROG-TYPE VARYING I FROM 1 BY 1 UNTIL
 013090 I IS GREATER THAN 10
 013100 AFTER J FROM 1 BY 1 UNTIL
 013110 J IS GREATER THAN 4.
 013120 IF TCH (1) IS GREATER THAN 0 AND TCH (2) IS GREATER THAN 0
 013130 AND TCH (3) IS EQUAL TO 0 AND TCH (4) IS EQUAL TO 0
 013140 ADD 1 TO TRAD-T.
 013150 IF TCH (1) IS GREATER THAN 0 AND TCH (2) IS GREATER THAN 0
 013160 ADD 1 TO COMPLETE-T.
 013170 IF TCH (1) IS GREATER THAN 0 AND TCH (2) IS EQUAL TO 0
 013180 AND TCH (3) IS EQUAL TO 0 AND TCH (4) IS EQUAL TO 0
 013190 ADD 1 TO CLASS-ONLY-T.
 013200 IF TCH (1) IS EQUAL TO 0 AND TCH (2) IS GREATER THAN 0
 013210 AND TCH (3) IS EQUAL TO 0 AND TCH (4) IS EQUAL TO 0
 013220 ADD 1 TO CAR-ONLY-T.
 013230 IF TCH (1) IS GREATER THAN 0 AND TCH (2) IS GREATER THAN 0
 013240 PERFORM COUNT-TEACH VARYING I FROM 1 BY 1
 013250 UNTIL I IS GREATER THAN 10
 013260 PERFORM ADD-SP-EQUIP VARYING I FROM 1 BY 1 UNTIL
 013270 I IS GREATER THAN 7.
 013280 ADD CONV-STUDS TO CONV-STUDS-T.
 013290 IF M-C-RANGE IS EQUAL TO 1 ADD 1 TO M-C-RANGE-T.
 013300 IF CHANGE IS EQUAL TO 1 ADD 1 TO CHANGE-T.
 013310 PERFORM ADD-TYPE-COMM VARYING I FROM 1 BY 1
 013320 UNTIL I IS GREATER THAN 5.
 013330 IF TOWER IS EQUAL TO 1 ADD 1 TO TOWER-T.
 013340 IF STUD-AIDES IS EQUAL TO 1 ADD 1 TO STUD-AIDES-T.
 013350 IF AIDES-PAID IS EQUAL TO 1 ADD 1 TO AIDES-PAID-T.
 013360 IF EXAM IS EQUAL TO 1 ADD 1 TO EXAM-T.
 013370 IF MCY-PROGRAM IS EQUAL TO 1 ADD 1 TO MCY-PROGRAM-T.
 013380 IF IN-DE IS EQUAL TO 1 ADD 1 TO M-P-T (1).
 013390 IF SEP-COURSE IS EQUAL TO 1 ADD 1 TO M-P-T (2).
 013400 ADD MCYCL-STUDS TO M-P-T (3).
 013410 IF COURSE-ADULTS-OSY IS EQUAL TO 1 ADD 1 TO
 013420 COURSE-ADULTS-OSY-T.
 013430 ADD NUM-ADULTS TO A-O-T (1).
 013440 ADD NUM-OSY TO A-O-T (2).
 013450 IF DRIV-IMPROVE-PROG IS EQUAL TO 1 ADD 1 TO
 013460 DRIV-IMPROVE-PROG-T.

013470 ADD DIP-STUDS TO DIP-STUDS-T.
 013480 IF VOC-DRIV-COURSE IS EQUAL TO 1 ADD 1 TO VOC-DRIV-COURSE-T.
 013490 IF SPEC-ED-COURSE IS EQUAL TO 1 ADD 1 TO SPEC-ED-COURSE-T.
 013500 ADD SPEC-ED-STUDS TO SPEC-ED-STUDS-T.
 013510 IF PHYS-HAND-COURSE IS EQUAL TO 1 ADD 1 TO
 013520 PHYS-HAND-COURSE-T.
 013530 ADD PHYS-HAND-STUDS TO PHYS-HAND-STUDS-T.
 013540 IF CONTRACT IS EQUAL TO 1 ADD 1 TO CONTRACT-T.
 013550
 013560 PERFORM ADD-AM VARYING I FROM 1 BY 1 UNTIL I IS GREATER
 013570 THAN 10.
 013580 PERFORM ADD-CHRY VARYING I FROM 1 BY 1 UNTIL I IS GREATER
 013590 THAN 20.
 013600 PERFORM ADD-FORD VARYING I FROM 1 BY 1 UNTIL I IS GREATER
 013610 THAN 15.
 013620 PERFORM ADD-GM VARYING I FROM 1 BY 1 UNTIL I IS GREATER
 013630 THAN 30.
 013640 PERFORM ADD-IMPORTS VARYING I FROM 1 BY 1 UNTIL I IS GREATER
 013650 THAN 35.
 013660 PERFORM ADD-O-MAKES VARYING I FROM 1 BY 1 UNTIL I IS GREATER
 013670 THAN 5.
 013680 IF STUD-COMP (7) IS GREATER THAN 0
 013690 OR STUD-COMP (8) IS GREATER THAN 0
 013700 ADD 1 TO MULTCARS.
 013710 IF STUD-COMP (9) IS GREATER THAN 0
 013720 OR STUD-COMP (10) IS GREATER THAN 0
 013730 ADD 1 TO SIMS.
 013740
 013750 ADD-STUD-COMP.
 013760 ADD STUD-COMP (I) TO S-C-T (I).
 013770 ADD-GRADE-SEM.
 013780 IF GRADE-SEM (I) IS EQUAL TO 1 ADD 1 TO G-S-T (I).
 013790 ADD-BOOK.
 013800 IF BOOK (I) IS EQUAL TO 1 ADD 1 TO BK-T (I).
 013810 ADD-SCHEDULE.
 013820 IF SCHEDULE (I) IS EQUAL TO 1 ADD 1 TO SCH-T (I).
 013830 ADD-PROG-TYPE.
 013840 COMPUTE I1 = (2 * J) - 1.
 013850 COMPUTE I2 = I1 + 1.
 013860 ADD PROG-TYPE (I, J) TO P-T-T (I1).
 013870 IF PROG-TYPE (I, J) IS GREATER THAN 0 ADD 1 TO P-T-T (I2)
 013880 ADD 1 TO TCH (J).
 013890 COUNT-TEACH.
 013900 IF TEACHERS (I) IS NOT EQUAL TO ZEROES
 013910 ADD 1 TO NUM-TEACH-T.
 013920 ADD-SP-EQUIP.
 013930 ADD SPECIAL-EQUIP (I) TO SP-EQ-T (I).
 013940 ADD-TYPE-COMM.
 013950 IF COMM-EQUIP (I) IS EQUAL TO 1 ADD 1 TO T-C-T (I).
 013960 ADD-AM.
 013970 ADD AM (I) TO A-T (I), TOT (I).

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013980 ADD-CHRY.
013990     ADD CHRY (I)                TO C-T (I), TOT (I).
014000 ADD-FORD.
014010     ADD FORD (I)              TO F-T (I), TOT (I).
014020 ADD-GM.
014030     ADD GM (I)                TO G-T (I), TOT (I).
014040 ADD-IMPORTS.
014050     ADD IMPORTS (I)           TO I-T (I), TOT (I).
014060 ADD-O-MAKES.
014070     ADD 5, I GIVING I1.
014080     ADD 10 , I GIVING I2.
014090     ADD 15 , I GIVING I3.
014100     ADD 20 , I GIVING I4.
014110     ADD 25 , I GIVING I5.
014120     ADD O-MAKES (I) O-MAKES (I1) O-MAKES (I2) O-MAKES (I3)
014130     O-MAKES (I4) O-MAKES (I5) TO O-T (I), TOT (I).
014140 ADD-TOT.
014150     ADD 5 , I GIVING I1.
014160     ADD 10 , I GIVING I2.
014170     ADD 15 , I GIVING I3.
014180     ADD 20 , I GIVING I4.
014190     ADD 25 , I GIVING I5.
014200     ADD 30 , I GIVING I6.
014210     ADD TOT (I) TOT (I1) TOT (I2) TOT (I3) TOT (I4) TOT (I5)
014220     TOT (I6) GIVING TOTCAR (I).
014230
014240 START-PAGE.
014250     WRITE PRINT-LINE FROM SPAC AFTER ADVANCING NEW-PAGE.
014260     WRITE PRINT-LINE FROM PROG-NAME AFTER ADVANCING 1 LINES.
014270     WRITE PRINT-LINE FROM TOP-PAGE AFTER ADVANCING 2 LINES.
014280     WRITE PRINT-LINE FROM SECOND-LINE AFTER ADVANCING 1 LINES.
014290     WRITE PRINT-LINE FROM SPAC AFTER ADVANCING 3 LINES.
014300*    WRITE TO MICROFICHE FILE
014310     WRITE M-LINE FROM SPAC      AFTER POSITIONING CP LINES.
014320     WRITE M-LINE FROM PROG-NAME AFTER POSITIONING C1 LINES.
014330     WRITE M-LINE FROM TOP-PAGE  AFTER POSITIONING C2 LINES.
014340     WRITE M-LINE FROM SECOND-LINE AFTER POSITIONING C1 LINES.
014350     WRITE M-LINE FROM SPAC      AFTER POSITIONING C3 LINES.
014360
014370 WRITE-MICROFICHE.
014380     MOVE C1 TO CX.
014390     IF CN IS EQUAL TO 0  MOVE C0 TO CX.
014400     IF CN IS EQUAL TO 2  MOVE C2 TO CX.
014410     IF CN IS EQUAL TO 3  MOVE C3 TO CX.
014420     WRITE M-LINE FROM PRINT-LINE AFTER POSITIONING CX LINES.
014430
014440*****
014450*****          END OF DOEC802          *****

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000010 IDENTIFICATION DIVISION.
000020 PROGRAM-ID. DOEC803
000030 DATE-WRITTEN. JUNE 1980.
000040 DATE-COMPILED.
000050 ENVIRONMENT DIVISION.
000060 CONFIGURATION SECTION.
000070 SPECIAL-NAMES.
000080     SYSOUT IS PRINTER
000090     CO1 IS NEW-PAGE.
000100 INPUT-OUTPUT SECTION.
000110 FILE-CONTROL.
000120     SELECT SCHOOL-FILE          ASSIGN TO UT-S-IN1.
000130     SELECT DE-FILE              ASSIGN TO UT-S-IN2.
000140     SELECT HSP-FILE             ASSIGN TO UT-S-OUT1.
000150     SELECT SCH-TYP-FILE         ASSIGN TO UT-S-OUT2.
000160     SELECT D-CARD-FILE         ASSIGN TO UT-S-INC.
000170     SELECT PRINT               ASSIGN TO UT-S-OUTP.
000180     SELECT MPRINT              ASSIGN TO UT-S-MICROF.
000190
000200 DATA DIVISION.
000210 FILE SECTION.
000220 FD  SCH-TYP-FILE
000230     LABEL RECORDS ARE OMITTED
000240     RECORD CONTAINS 20 CHARACTERS
000250     DATA RECORD IS ST-REC.
000260 01  ST-REC.
000270     03  ST-CODE                PICTURE X(7).
000280     03  ST-YR                  PICTURE 99.
000290     03  ST-NUM                 PICTURE 9(6).
000300     03  ST-TYPE                PICTURE 9.
000310     03  FILLER                 PICTURE X(4).
000320
000330 FD  D-CARD-FILE
000340     LABEL RECORDS ARE OMITTED
000350     RECORD CONTAINS 80 CHARACTERS
000360     DATA RECORD IS D-CARD.
000370 01  D-CARD.
000380     03  SCH-YEAR.
000390         05  FILLER            PICTURE X(5).
000400         05  ST-YEAR          PICTURE XX.
000410     03  FILLER                PICTURE X(73).
000420
000430 FD  DE-FILE
000440     LABEL RECORDS ARE OMITTED
000450     RECORD CONTAINS 470 CHARACTERS
000460     BLOCK CONTAINS 0 CHARACTERS
000470     DATA RECORD IS SCHOOL-REC.
000480 01  SCHOOL-REC.
000490     03  SCHOOL-CODE.
000500         05  D-CODE            PICTURE 999.
000510         05  P-P-CODE         PICTURE 9.

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|--------|----|---------------------------|-------------------------------|
| 000520 | | 88 PRIVATE-SCHOOL | VALUE 4, 5, 8, 9. |
| 000530 | | 05 FILLER | PICTURE XXX. |
| 000540 | 03 | DE-PROG | PICTURE 9. |
| 000550 | 03 | ENROLL-10 | PICTURE 9(4). |
| 000560 | 03 | STUD-COMP | OCCURS 10 TIMES PICTURE 9(4). |
| 000570 | 03 | GRADE-SEM | OCCURS 8 TIMES PICTURE 9. |
| 000580 | 03 | BY-AGE | PICTURE 9. |
| 000590 | 03 | HEALTH | PICTURE 9. |
| 000600 | 03 | SCHEDULE | OCCURS 14 TIMES PICTURE 9. |
| 000610 | 03 | OWN-COURSE | PICTURE 9. |
| 000620 | 03 | BOOK | OCCURS 11 TIMES PICTURE 9. |
| 000630 | 03 | CURR-GUIDE | PICTURE 9. |
| 000640 | 03 | DE-SUPERV | PICTURE 9. |
| 000650 | 03 | PROGS-ATTD | PICTURE 999. |
| 000660 | 03 | TEACHERS | OCCURS 10 TIMES. |
| 000670 | | 05 PROG-TYPE | OCCURS 4 TIMES PICTURE 9. |
| 000680 | 03 | SPECIAL-EQUIP | OCCURS 7 TIMES PICTURE 9. |
| 000690 | 03 | CONV-STUDS | PICTURE 9(4). |
| 000700 | 03 | M-C-RANGE | PICTURE 9. |
| 000710 | 03 | CHANGE | PICTURE 9. |
| 000720 | 03 | COMM-EQUIP | OCCURS 5 TIMES PICTURE 9. |
| 000730 | 03 | TOWER | PICTURE 9. |
| 000740 | 03 | STUD-AIDES | PICTURE 9. |
| 000750 | 03 | AIDES-PAID | PICTURE 9. |
| 000760 | 03 | EXAM | PICTURE 9. |
| 000770 | 03 | MCY-PROGRAM | PICTURE 9. |
| 000780 | 03 | MCYCL-PROG. | |
| 000790 | | 05 IN-DE | PICTURE 9. |
| 000800 | | 05 SEP-COURSE | PICTURE 9. |
| 000810 | | 05 MCYCL-STUDS | PICTURE 999. |
| 000820 | 03 | COURSE-ADULTS-OSY | PICTURE 9. |
| 000830 | 03 | NUM-ADULTS | PICTURE 999. |
| 000840 | 03 | NUM-OSY | PICTURE 999. |
| 000850 | 03 | DRIV-IMPROVE-PROG | PICTURE 9. |
| 000860 | 03 | DIP-STUDS | PICTURE 9999. |
| 000870 | 03 | VOC-DRIV-COURSE | PICTURE 9. |
| 000880 | 03 | SPEC-ED-COURSE | PICTURE 9. |
| 000890 | 03 | SPEC-ED-STUDS | PICTURE 99. |
| 000900 | 03 | PHYS-HAND-COURSE | PICTURE 9. |
| 000910 | 03 | PHYS-HAND-STUDS | PICTURE 99. |
| 000920 | 03 | CONTRACT | PICTURE 9. |
| 000930 | 03 | AM | OCCURS 10 TIMES PICTURE 99. |
| 000940 | 03 | CHRY | OCCURS 20 TIMES PICTURE 99. |
| 000950 | 03 | FORD | OCCURS 15 TIMES PICTURE 99. |
| 000960 | 03 | GM | OCCURS 30 TIMES PICTURE 99. |
| 000970 | 03 | IMPORTS | OCCURS 35 TIMES PICTURE 99. |
| 000980 | 03 | O-MAKES | OCCURS 30 TIMES PICTURE 99. |
| 000990 | 03 | FILLER | PICTURE X(9). |
| 001000 | | | |
| 001010 | FD | PRINT | |
| 001020 | | LABEL RECORDS ARE OMITTED | |

001030 DATA RECORD IS P-LINE.
 001040 01 P-LINE PICTURE X(72).
 001050
 001060 FD SCHOOL-FILE
 001070 LABEL RECORDS ARE OMITTED
 001080 RECORD CONTAINS 80 CHARACTERS
 001090 BLOCK CONTAINS 0 CHARACTERS
 001100 DATA RECORD IS SCH-REC.
 001110 01 SCH-REC.
 001120 03 SCH-TYP PICTURE 9.
 001130 03 SCH-CODE.
 001140 05 DIVISION-CODE PICTURE 999.
 001150 05 SCH.
 001160 07 SCH1 PICTURE 9.
 001170 07 SCH2 PICTURE 999.
 001180 03 SCH-NAME PICTURE X(25).
 001190 03 FILLER PICTURE X(47).
 001200
 001210 FD HSP-FILE
 001220 LABEL RECORDS ARE OMITTED
 001230 RECORD CONTAINS 115 CHARACTERS
 001240 BLOCK CONTAINS 0 CHARACTERS
 001250 DATA RECORD IS HSP-RECORD.
 001260 01 HSP-RECORD.
 001270 03 H-SCODE PICTURE 9(7).
 001280 03 HSP-DATA.
 001290 05 HSP-ENT OCCURS 27 TIMES PICTURE 9(4).
 001300
 001310 FD MPRINT
 001320 LABEL RECORDS ARE STANDARD
 001330 RECORD CONTAINS 133 CHARACTERS
 001340 BLOCK CONTAINS 0 CHARACTERS
 001350 DATA RECORD IS M-LINE.
 001360 01 M-LINE PICTURE X(133).
 001370
 001380
 001390 WORKING-STORAGE SECTION.
 001400
 001410 77 I PICTURE 999.
 001420 77 J PICTURE 999.
 001430 77 K PICTURE 999.
 001440 77 C0 PICTURE X VALUE IS '+'.
 001450 77 C1 PICTURE X VALUE IS ' '.
 001460 77 C2 PICTURE X VALUE IS '0'.
 001470 77 C3 PICTURE X VALUE IS '-'.
 001480 77 CP PICTURE X VALUE IS '1'.
 001490 77 CX PICTURE X.
 001500 77 DMAX PICTURE 999 VALUE IS 137.
 001510 77 SMAX PICTURE 999 VALUE IS 400.
 001520 77 DN1 PICTURE X(15).
 001530 77 DN2 PICTURE X(15).

001540 77 LIST PICTURE 99.
 001550 88 SNAME-ONLY VALUE IS 1, 2, 5, 7, 8.
 001560 77 BOOK-FLAG PICTURE 9.
 001570 77 EJ PICTURE 9.
 001580 77 LOC PICTURE 999.
 001590 77 X PICTURE X VALUE IS 'X'.
 001600 77 DASH PICTURE X VALUE IS '-'.
 001610 77 ALL-SCH-LAB PICTURE X(11) VALUE IS 'ALL SCHOOLS'.
 001620 77 DIV PICTURE 999.
 001630 77 D-START PICTURE 999.
 001640 77 D-STOP PICTURE 999.
 001650 77 THIS-DIV-NAME PICTURE X(15).
 001660 77 LINE-COUNT PICTURE 99.
 001670 77 FLAG-INDEX PICTURE 99.
 001680 77 NO-SCHOOLS PICTURE 999.
 001690 77 NUM-SCH PICTURE 999.
 001700 77 LAST-J PICTURE 999.
 001710 77 THIS-DIV PICTURE 999.
 001720 77 LAST-DIV PICTURE 999.
 001730 77 LAST-S-CODE PICTURE 9(7).
 001740 77 P-FLAG PICTURE 9.
 001750 77 ZSIM PICTURE 9(6).
 001760 77 ZDR PICTURE 9(6).
 001770 77 BLANK-LIST PICTURE X(28) VALUE IS
 001780 'NO SCHOOLS ON THIS LIST'.
 001790
 001800 01 DATE-IN.
 001810 03 Y-I PICTURE 99.
 001820 03 M-I PICTURE 99.
 001830 03 D-I PICTURE 99.
 001840
 001850 01 TEACHER-TOT.
 001860 03 T-TOT OCCURS 4 TIMES PICTURE 99.
 001870
 001880 01 SCH-PROG-MASK PICTURE 9999.
 001890 01 S-P-M REDEFINES SCH-PROG-MASK.
 001900 03 SPM OCCURS 4 TIMES PICTURE 9.
 001910
 001920 01 SCH-PROGS.
 001930 03 FILLER PICTURE 9(4) VALUE IS 1000.
 001940 03 FILLER PICTURE 9(4) VALUE IS 1100.
 001950 03 FILLER PICTURE 9(4) VALUE IS 1010.
 001960 03 FILLER PICTURE 9(4) VALUE IS 1001.
 001970 03 FILLER PICTURE 9(4) VALUE IS 1101.
 001980 03 FILLER PICTURE 9(4) VALUE IS 1011.
 001990 03 FILLER PICTURE 9(4) VALUE IS 1110.
 002000 03 FILLER PICTURE 9(4) VALUE IS 1111.
 002010 03 FILLER PICTURE 9(4) VALUE IS 0110.
 002020 03 FILLER PICTURE 9(4) VALUE IS 0100.
 002030 01 SCH-P REDEFINES SCH-PROGS.
 002040 03 SCH-P-M OCCURS 10 TIMES PICTURE 9(4).

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|--------|----|----------------------|---------|-------|----------|-----------------|-------|--|
| 002050 | | | | | | | | |
| 002060 | 01 | DIVISION-NAME-TABLE. | | | | | | |
| 002070 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'ACCOMACK | 001'. | |
| 002080 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'ALBEMARLE | 002'. | |
| 002090 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'ALLEGHANY | 003'. | |
| 002100 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'AMELIA | 004'. | |
| 002110 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'AMHERST | 005'. | |
| 002120 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'APPOMATTOX | 006'. | |
| 002130 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'ARLINGTON | 007'. | |
| 002140 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'AUGUSTA | 008'. | |
| 002150 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BATH | 009'. | |
| 002160 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BEDFORD | 010'. | |
| 002170 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BLAND | 011'. | |
| 002180 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BOTETOURT | 012'. | |
| 002190 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BRUNSWICK | 013'. | |
| 002200 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BUCHANAN | 014'. | |
| 002210 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'BUCKINGHAM | 015'. | |
| 002220 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CAMPBELL | 016'. | |
| 002230 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CAROLINE | 017'. | |
| 002240 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CARROLL | 018'. | |
| 002250 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CHARLES CITY | 019'. | |
| 002260 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CHARLOTTE | 020'. | |
| 002270 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CHESTERFIELD | 021'. | |
| 002280 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CLARKE | 022'. | |
| 002290 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CRAIG | 023'. | |
| 002300 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CULPEPER | 024'. | |
| 002310 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'CUMBERLAND | 025'. | |
| 002320 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'DICKENSON | 026'. | |
| 002330 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'DINWIDDIE | 027'. | |
| 002340 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'ESSEX | 028'. | |
| 002350 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'FAIRFAX | 029'. | |
| 002360 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'FAUQUIER | 030'. | |
| 002370 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'FLOYD | 031'. | |
| 002380 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'FLUVANNA | 032'. | |
| 002390 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'FRANKLIN | 033'. | |
| 002400 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'FREDERICK | 034'. | |
| 002410 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'GILES | 035'. | |
| 002420 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'GLOUCESTER | 036'. | |
| 002430 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'GOOCHLAND | 037'. | |
| 002440 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'GRAYSON | 038'. | |
| 002450 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'GREENE | 039'. | |
| 002460 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'GREENSVILLE | 040'. | |
| 002470 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'HALIFAX | 041'. | |
| 002480 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'HANOVER | 042'. | |
| 002490 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'HENRICO | 043'. | |
| 002500 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'HENRY | 044'. | |
| 002510 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'HIGHLAND | 045'. | |
| 002520 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'ISLE OF WIGHT | 046'. | |
| 002530 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'KING AND QUEEN | 048'. | |
| 002540 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'KING GEORGE | 049'. | |
| 002550 | 03 | FILLER | PICTURE | X(21) | VALUE IS | 'KING WILLIAM | 050'. | |

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|--------|----|--------|---------|-------|-------|----|------------------|-------|
| 002560 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'LANCASTER | 051'. |
| 002570 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'LEE | 052'. |
| 002580 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'LOUDOUN | 053'. |
| 002590 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'LOUISA | 054'. |
| 002600 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'LUNENBURG | 055'. |
| 002610 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'MADISON | 056'. |
| 002620 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'MATHEWS | 057'. |
| 002630 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'MECKLENBURG | 058'. |
| 002640 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'MIDDLESEX | 059'. |
| 002650 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'MONTGOMERY | 060'. |
| 002660 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'NELSON | 062'. |
| 002670 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'NEW KENT | 063'. |
| 002680 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'NORTHHAMPTON | 065'. |
| 002690 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'NORTHUMBERLAND | 066'. |
| 002700 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'NOTTOWAY | 067'. |
| 002710 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'ORANGE | 068'. |
| 002720 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PAGE | 069'. |
| 002730 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PATRICK | 070'. |
| 002740 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PITTSYLVANIA | 071'. |
| 002750 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'POWHATAN | 072'. |
| 002760 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PRINCE EDWARD | 073'. |
| 002770 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PRINCE GEORGE | 074'. |
| 002780 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PRINCE WILLIAM | 075'. |
| 002790 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'PULASKI | 077'. |
| 002800 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'RAPPAHANNOCK | 078'. |
| 002810 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'RICHMOND | 079'. |
| 002820 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'ROANOKE | 080'. |
| 002830 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'ROCKBRIDGE | 081'. |
| 002840 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'ROCKINGHAM | 082'. |
| 002850 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'RUSSELL | 083'. |
| 002860 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SCOTT | 084'. |
| 002870 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SHENANDOAH | 085'. |
| 002880 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SMYTH | 086'. |
| 002890 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SOUTHAMPTON | 087'. |
| 002900 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SPOTSYLVANIA | 088'. |
| 002910 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'STAFFORD | 089'. |
| 002920 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SURRY | 090'. |
| 002930 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'SUSSEX | 091'. |
| 002940 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'TAZEWELL | 092'. |
| 002950 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'WARREN | 093'. |
| 002960 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'WASHINGTON | 094'. |
| 002970 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'WESTMORELAND | 095'. |
| 002980 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'WISE | 096'. |
| 002990 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'WYTHE | 097'. |
| 003000 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'YORK | 098'. |
| 003010 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'ALEXANDRIA | 101'. |
| 003020 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'BRISTOL | 102'. |
| 003030 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'BUENA VISTA | 103'. |
| 003040 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'CHARLOTTESVILLE | 104'. |
| 003050 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'CLIFTON FORGE | 105'. |
| 003060 | 03 | FILLER | PICTURE | X(21) | VALUE | IS | 'COLONIAL HGTS. | 106'. |

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|--------|----|---------------|--------------------------------|----------|----------------------|-------|
| 003070 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'COVINGTON | 107'. |
| 003080 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'DANVILLE | 108'. |
| 003090 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'FALLS CHURCH | 109'. |
| 003100 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'FREDERICKSBURG | 110'. |
| 003110 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'GALAX | 111'. |
| 003120 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'HAMPTON | 112'. |
| 003130 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'HARRISONBURG | 113'. |
| 003140 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'HOPEWELL | 114'. |
| 003150 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'LYNCHBURG | 115'. |
| 003160 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'MARTINSVILLE | 116'. |
| 003170 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'NEWPORT NEWS | 117'. |
| 003180 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'NORFOLK | 118'. |
| 003190 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'NORTON | 119'. |
| 003200 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'PETERSBURG | 120'. |
| 003210 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'PORTSMOUTH | 121'. |
| 003220 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'RADFORD | 122'. |
| 003230 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'RICHMOND | 123'. |
| 003240 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'ROANOKE | 124'. |
| 003250 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'STAUNTON | 126'. |
| 003260 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'SUFFOLK | 127'. |
| 003270 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'VA. BEACH | 128'. |
| 003280 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'WAYNESBORO | 130'. |
| 003290 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'WILLIAMSBURG | 131'. |
| 003300 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'WINCHESTER | 132'. |
| 003310 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'SOUTH BOSTON | 133'. |
| 003320 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'FRANKLIN CITY | 135'. |
| 003330 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'CHESAPEAKE CITY | 136'. |
| 003340 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'LEXINGTON | 137'. |
| 003350 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'POQUOSON | 142'. |
| 003360 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'MANASSAS CITY | 143'. |
| 003370 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'MANASSAS PARK | 144'. |
| 003380 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'CAPE CHARLES | 201'. |
| 003390 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'COLONIAL BEACH | 202'. |
| 003400 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'FRIES | 203'. |
| 003410 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'WEST POINT | 207'. |
| 003420 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'RICHMOND RC DI0301' | |
| 003430 | 03 | FILLER | PICTURE X(21) | VALUE IS | 'ARLINGTON RC DI302' | |
| 003440 | 01 | DNT | REDEFINES DIVISION-NAME-TABLE. | | | |
| 003450 | 03 | DIV-ENT | OCCURS 137 TIMES. | | | |
| 003460 | 05 | DIV-NAME | PICTURE X(15). | | | |
| 003470 | 05 | DIV-START | PICTURE 999. | | | |
| 003480 | 05 | DIV-STOP | PICTURE 999. | | | |
| 003490 | | | | | | |
| 003500 | 01 | SCH-CODE-MAP. | | | | |
| 003510 | 03 | MSR | OCCURS 400 TIMES | | | |
| 003520 | | | ASCENDING KEY IS EXT-CODE | | | |
| 003530 | | | INDEXED BY SINDX. | | | |
| 003540 | 05 | EXT-CODE | PICTURE 9(7). | | | |
| 003550 | 05 | INT-CODE | PICTURE 999. | | | |
| 003560 | | | | | | |
| 003570 | 01 | SCHOOL-NAMES. | | | | |

003580 03 SNAME OCCURS 400 TIMES PICTURE X(35).
 003590
 003600 01 SCHOOL-FLAGS.
 003610 03 FILLER OCCURS 400 TIMES.
 003620 05 S-FLAG OCCURS 12 TIMES PICTURE 9.
 003630
 003640 01 ADULT-OSY-TABLE.
 003650 03 FILLER OCCURS 400 TIMES.
 003660 05 A-OSY-DIP OCCURS 3 TIMES PICTURE 9(4).
 003670
 003680 01 S-B-CONVC-TABLE.
 003690 03 S-B-TOT OCCURS 400 TIMES PICTURE 9(4).
 003700
 003710 01 LIST-HEAD-TABLE.
 003720 03 FILLER PICTURE X(33) VALUE IS
 003730 ' SCHOOLS CONDUCTING DRIVER EDUC'.
 003740 03 FILLER PICTURE X(33) VALUE IS
 003750 'ATION PROGRAMS USING SIMULATION '.
 003760 03 FILLER PICTURE X(33) VALUE IS
 003770 ' SCHOOLS USING THE ETV SERI'.
 003780 03 FILLER PICTURE X(33) VALUE IS
 003790 'ES OF SPORTSMANLIKE DRIVING '.
 003800 03 FILLER PICTURE X(33) VALUE IS
 003810 ' SCHOOLS OFFERING ADULT COURSES '.
 003820 03 FILLER PICTURE X(33) VALUE IS
 003830 'OR A DRIVER IMPROVEMENT PROGRAM '.
 003840 03 FILLER PICTURE X(33) VALUE IS
 003850 ' SCHOOLS OFFERING DRIVER EDUCA'.
 003860 03 FILLER PICTURE X(33) VALUE IS
 003870 'TION AT THE NINTH GRADE LEVEL '.
 003880 03 FILLER PICTURE X(33) VALUE IS
 003890 ' SCHOOLS NOT USING FORM S-7'.
 003900 03 FILLER PICTURE X(33) VALUE IS
 003910 ' WHEN SECURING AUTOMOBILES '.
 003920 03 FILLER PICTURE X(33) VALUE IS
 003930 ' SCHOOLS NOT OFFERING A SUMM'.
 003940 03 FILLER PICTURE X(33) VALUE IS
 003950 'ER DRIVER EDUCATION PROGRAM '.
 003960 03 FILLER PICTURE X(33) VALUE IS
 003970 ' SCHOOLS NOT CONDUCTING THE LEAR'.
 003980 03 FILLER PICTURE X(33) VALUE IS
 003990 'NERS PERMIT EXAM ON SCHOOL SITE '.
 004000 03 FILLER PICTURE X(33) VALUE IS
 004010 ' SCHOOLS NOT USING A TEXT'.
 004020 03 FILLER PICTURE X(33) VALUE IS
 004030 'BOOK IN DRIVER EDUCATION '.
 004040 03 FILLER PICTURE X(33) VALUE IS
 004050 ' SCHOOLS USING THE DRIVER EDUCAT'.
 004060 03 FILLER PICTURE X(33) VALUE IS
 004070 'ION SERVICES SEAT BELT CONVINCER '.
 004080 03 FILLER PICTURE X(33) VALUE IS

004090 ' SCHOOLS USING VA. DEPT. OF TRANS'.
 004100 03 FILLER PICTURE X(33) VALUE IS
 004110 'P. SAFETY EQUIPMENT OR PERSONNEL'.
 004120 01 L-H-T REDEFINES LIST-HEAD-TABLE.
 004130 03 L-HEAD OCCURS 10 TIMES PICTURE X(66).
 004140
 004150 01 SEMESTER-LABELS.
 004160 03 FILLER PICTURE X(4) VALUE IS '1ST'.
 004170 03 FILLER PICTURE X(4) VALUE IS '2ND'.
 004180 03 FILLER PICTURE X(4) VALUE IS 'BOTH'.
 004190 01 S-L REDEFINES SEMESTER-LABELS.
 004200 03 SEM-LAB OCCURS 3 TIMES PICTURE X(4).
 004210
 004220 01 PAGE-HEAD.
 004230 03 FILLER PICTURE X(12) VALUE IS
 004240 ' C803 - '.
 004250 03 M-0 PICTURE Z9.
 004260 03 FILLER PICTURE X VALUE IS '/'.
 004270 03 D-0 PICTURE 99.
 004280 03 FILLER PICTURE X VALUE IS '/'.
 004290 03 Y-0 PICTURE 99.
 004300 03 FILLER PICTURE X(45) VALUE IS
 004310 ' EXCEPTION REPORT FOR PUBLIC SCHOOLS'.
 004320 03 SCH-YR-OUT PICTURE X(7).
 004330
 004340 01 TITLE.
 004350 03 FILLER PICTURE X(5) VALUE IS SPACES.
 004360 03 TL PICTURE X(67).
 004370
 004380 01 HEADING1 PICTURE X(72).
 004390
 004400 01 HEADING2 PICTURE X(72).
 004410
 004420 01 ULINE PICTURE X(72).
 004430
 004440 01 HEAD-1.
 004450 03 FILLER PICTURE X(14) VALUE IS SPACES.
 004460 03 FILLER PICTURE X(24) VALUE IS 'DIVISION'.
 004470 03 FILLER PICTURE X(6) VALUE IS 'SCHOOL'.
 004480
 004490 01 ULINE1.
 004500 03 FILLER PICTURE X(14) VALUE IS SPACES.
 004510 03 FILLER PICTURE X(24) VALUE IS
 004520 '-----'.
 004530 03 FILLER PICTURE X(25) VALUE IS
 004540 '-----'.
 004550
 004560 01 HEAD-3-2.
 004570 03 FILLER PICTURE X(21) VALUE IS
 004580 ' DIVISION'.
 004590 03 FILLER PICTURE X(26) VALUE IS 'SCHOOL'.

004600 03 FILLER PICTURE X(24) VALUE IS
 004610 'ADULTS YOUTH IMPROVEMENT'.
 004620
 004630 01 ULINE3.
 004640 03 FILLER PICTURE X(21) VALUE IS
 004650 '_____.
 004660 03 FILLER PICTURE X(26) VALUE IS
 004670 '_____.
 004680 03 FILLER PICTURE X(24) VALUE IS
 004690 '_____.
 004700
 004710 01 HEAD-3-1.
 004720 03 FILLER PICTURE X(60) VALUE IS SPACES.
 004730 03 FILLER PICTURE X(6) VALUE IS 'DRIVER'.
 004740 01 HEAD-4.
 004750 03 FILLER PICTURE X(10) VALUE IS SPACES.
 004760 03 FILLER PICTURE X(20) VALUE IS 'DIVISION'.
 004770 03 FILLER PICTURE X(30) VALUE IS 'SCHOOL'.
 004780 03 FILLER PICTURE X(8) VALUE IS 'SEMESTER'.
 004790
 004800 01 ULINE4.
 004810 03 FILLER PICTURE X(10) VALUE IS SPACES.
 004820 03 FILLER PICTURE X(20) VALUE IS
 004830 '_____.
 004840 03 FILLER PICTURE X(30) VALUE IS
 004850 '_____.
 004860 03 FILLER PICTURE X(8) VALUE IS '_____.
 004870
 004880 01 HEAD-6.
 004890 03 FILLER PICTURE X(24) VALUE IS
 004900 ' DIVISION '.
 004910 03 FILLER PICTURE X(29) VALUE IS 'SCHOOL'.
 004920 03 FILLER PICTURE X(20) VALUE IS
 004930 'CLASSROOM IN-CAR'.
 004940
 004950 01 ULINE6.
 004960 03 FILLER PICTURE X(24) VALUE IS
 004970 '_____.
 004980 03 FILLER PICTURE X(29) VALUE IS
 004990 '_____.
 005000 03 FILLER PICTURE X(20) VALUE IS
 005010 '_____.
 005020
 005030 01 HEAD-9.
 005040 03 FILLER PICTURE X(10) VALUE IS SPACES.
 005050 03 FILLER PICTURE X(20) VALUE IS 'DIVISION'.
 005060 03 FILLER PICTURE X(30) VALUE IS 'SCHOOL'.
 005070 03 FILLER PICTURE X(6) VALUE IS 'NUMBER'.
 005080
 005090 01 ULINE9.
 005100 03 FILLER PICTURE X(30) VALUE IS

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005110      '
005120      03 FILLER          PICTURE X(30) VALUE IS
005130      '
005140      03 FILLER          PICTURE X(6)  VALUE IS '-----'.
005150
005160 01 HEAD-10-1.
005170      03 FILLER          PICTURE X(37) VALUE IS
005180      '      DIVISION ' .
005190      03 FILLER          PICTURE X(33) VALUE IS
005200      'PSYCHO-PHYSICAL SEAT BELT  FILM' .
005210
005220 01 HEAD-10-2.
005230      03 FILLER          PICTURE X(37) VALUE IS
005240      '      SCHOOL ' .
005250      03 FILLER          PICTURE X(35) VALUE IS
005260      'TESTING DEVICES CONVINCER  LIBRARY' .
005270
005280 01 ULINE10.
005290      03 FILLER          PICTURE X(37) VALUE IS
005300      '
005310      03 FILLER          PICTURE X(35) VALUE IS
005320      '-----' .
005330
005340 01 LINE-OUT.
005350      03 FILLER          PICTURE X(14) VALUE IS SPACES.
005360      03 DIV-OUT        PICTURE X(24) .
005370      03 SCH-OUT        PICTURE X(34) .
005380
005390 01 LINE3 REDEFINES LINE-OUT.
005400      03 FILLER          PICTURE X(5) .
005410      03 DIV-OUT-3      PICTURE X(16) .
005420      03 SCH-OUT-3     PICTURE X(26) .
005430      03 ADULTS        PICTURE Z,ZZ9B .
005440      03 OSY            PICTURE Z,ZZ9B(4) .
005450      03 D-IMP          PICTURE Z,ZZ9B(5) .
005460
005470 01 LINE4 REDEFINES LINE-OUT.
005480      03 FILLER          PICTURE X(10) .
005490      03 DIV-OUT-4      PICTURE X(20) .
005500      03 SCH-OUT-4     PICTURE X(32) .
005510      03 SEM-OUT        PICTURE X(10) .
005520
005530 01 LINE6 REDEFINES LINE-OUT.
005540      03 FILLER          PICTURE X(5) .
005550      03 DIV-OUT-6      PICTURE X(19) .
005560      03 SCH-OUT-6     PICTURE X(33) .
005570      03 CLASS-X        PICTURE X(11) .
005580      03 IN-CAR-X      PICTURE X(4) .
005590
005600 01 LINE9 REDEFINES LINE-OUT.
005610      03 FILLER          PICTURE X(10) .

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|--------|----|----------------------------|-------------------------------|
| 005620 | 03 | DIV-OUT-9 | PICTURE X(20). |
| 005630 | 03 | SCH-OUT-9 | PICTURE X(29). |
| 005640 | 03 | NUM-9 | PICTURE ZZ,ZZ9B(7). |
| 005650 | | | |
| 005660 | 01 | LINE10 REDEFINES LINE-OUT. | |
| 005670 | 03 | FILLER | PICTURE X(10). |
| 005680 | 03 | SCH-OUT-10 | PICTURE X(34). |
| 005690 | 03 | PSY-PHY-X | PICTURE X(14). |
| 005700 | 03 | SBC-X | PICTURE X(10). |
| 005710 | 03 | FLIB-X | PICTURE X(4). |
| 005720 | | | |
| 005730 | 01 | DIV-LINE. | |
| 005740 | 03 | FILLER | PICTURE X(5) VALUE IS SPACES. |
| 005750 | 03 | DIV-OUT-10 | PICTURE X(15). |
| 005760 | | | |


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005770 PROCEDURE DIVISION.
005780 START-HERE.
005790     OPEN INPUT D-CARD-FILE.
005800     READ D-CARD-FILE AT END
005810             DISPLAY ' NO DATE CARD'
005820             CLOSE D-CARD-FILE
005830             GO TO END-JOB.
005840     MOVE SCH-YEAR TO SCH-YR-OUT.
005850     CLOSE D-CARD-FILE.
005860
005870     ACCEPT DATE-IN FROM DATE.
005880     MOVE M-I TO M-O.
005890     MOVE D-I TO D-O.
005900     MOVE Y-I TO Y-O.
005910
005920     OPEN INPUT SCHOOL-FILE.
005930
005940     SET SINDX TO 1.
005950     ADD 1 SMAX GIVING J.
005960     MOVE 1 TO I.
005970     INIT-LOOP.
005980     MOVE 9999999 TO EXT-CODE (SINDX).
005990     MOVE SMAX TO INT-CODE (SINDX).
006000     ADD 1 TO I.
006010     IF I IS LESS THAN J
006020         SET SINDX UP BY 1
006030         GO TO INIT-LOOP.
006040
006050     MOVE ZEROS TO SCHOOL-FLAGS LAST-S-CODE
006060             ADULT-OSY-TABLE S-B-CONVC-TABLE.
006070     SET SINDX TO 1.
006080     MOVE DIV-START OF DIV-ENT (1) TO THIS-DIV.
006090     MOVE 1 TO I J LAST-J DIV-START OF DIV-ENT (1).
006100
006110     READ-SCH-FILE.
006120
006130     READ SCHOOL-FILE AT END GO TO END-SCH-FILE.
006140
006150     IF SCH-TYP IS NOT EQUAL TO 2 OR
006160         SCH1 IS GREATER THAN 3
006170         GO TO READ-SCH-FILE.
006180
006190     IF SCH-CODE IS NOT GREATER THAN LAST-S-CODE
006200         DISPLAY ' '
006210         DISPLAY ' ***SCHOOL FILE NOT SORTED '
006220         DISPLAY ' CORRECT AND RERUN '
006230         CLOSE SCHOOL-FILE
006240         GO TO END-JOB.
006250
006260     MOVE SCH-CODE TO LAST-S-CODE.
006270

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006280 CHECK-DIV.
006290
006300     IF DIVISION-CODE IS EQUAL TO THIS-DIV
006310     PERFORM ENTER-SCH
006320     GO TO READ-SCH-FILE.
006330
006340     IF J IS EQUAL TO 1 GO TO NO-SCHOOLS-DIV.
006350
006360 NEW-DIVISION.
006370
006380     MOVE LAST-J TO DIV-STOP OF DIV-ENT (I).
006390     ADD 1 TO I.
006400
006410     IF I IS GREATER THAN DMAX
006420     DISPLAY ' '
006430     DISPLAY ' *** DIVISION CODE ' DIVISION-CODE
006440     DISPLAY '     ON DRIVER ED. FILE IS INVALID '
006450     DISPLAY ' CORRECT AND RERUN.'
006460     CLOSE SCHOOL-FILE
006470     GO TO END-JOB.
006480
006490     MOVE DIV-START OF DIV-ENT (I) TO THIS-DIV.
006500     MOVE J TO DIV-START OF DIV-ENT (I).
006510
006520     IF DIVISION-CODE IS EQUAL TO THIS-DIV
006530     PERFORM ENTER-SCH
006540     GO TO READ-SCH-FILE.
006550
006560 NO-SCHOOLS-DIV.
006570     DISPLAY ' '
006580     DISPLAY ' *** NO SCHOOLS ON DRIVER ED. FILE FOR '
006590     DISPLAY '     DIVISION ' THIS-DIV ' - '
006600     DIV-NAME OF DIV-ENT (I).
006610
006620     MOVE J TO LAST-J.
006630     ADD 1 TO J.
006640     GO TO NEW-DIVISION.
006650
006660 ENTER-SCH.
006670     MOVE SCH-CODE TO EXT-CODE (SINDX).
006680     MOVE J TO INT-CODE (SINDX) LAST-J.
006690     MOVE SCH-NAME TO SNAME (J).
006700     ADD 1 TO J.
006710
006720     IF J IS GREATER THAN SMAX
006730     DISPLAY ' '
006740     DISPLAY ' *** SCHOOL DATA TABLE OVERFLOW '
006750     DISPLAY '     CORRECT AND RERUN '
006760     CLOSE SCHOOL-FILE
006770     GO TO END-JOB.
006780
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006790     SET SINDX UP BY 1.
006800
006810 END-JOB.
006820     STOP RUN.
006830
006840 END-SCH-FILE.
006850     CLOSE SCHOOL-FILE.
006860
006870     MOVE LAST-J TO DIV-STOP OF DIV-ENT (I).
006880     MOVE I TO LAST-DIV.
006890     IF I IS LESS THAN DMAX
006900         ADD 1 TO I
006910         MOVE DIV-NAME OF DIV-ENT (I) TO DN1
006920         MOVE DIV-NAME OF DIV-ENT (DMAX) TO DN2
006930         DISPLAY ' DIVISIONS ' DN1 ' THROUGH DN2 '
006940         DISPLAY ' ARE NOT REPRESENTED ON THE D.E. FILE ' .
006950
006960     OPEN INPUT DE-FILE.
006970     OPEN OUTPUT HSP-FILE SCH-TYP-FILE.
006980
006990 READ-DE-FILE.
007000     READ DE-FILE AT END GO TO END-DE.
007010     IF SCHOOL-CODE IS EQUAL TO 9999999 GO TO INVALID-CODE.
007020
007030     PERFORM FILL-HSP-TABLE THROUGH F-H-T-X.
007040     PERFORM FILL-ST-REC THROUGH FSRX.
007050
007060     IF DE-PROG IS NOT EQUAL TO 1 GO TO READ-DE-FILE.
007070     IF PRIVATE-SCHOOL GO TO READ-DE-FILE.
007080
007090     SEARCH ALL MSR AT END GO TO INVALID-CODE
007100         WHEN EXT-CODE (SINDX) = SCHOOL-CODE
007110         MOVE INT-CODE (SINDX) TO I.
007120
007130*
007140* I NOW POINTS TO THE RECORD IN THE SCHOOL-DATA TABLE FOR THIS
007150* SCHOOL. SET FLAGS IN THAT RECORD TO INDICATE WHICH LISTS
007160* THIS SCHOOL APPEARS ON
007170*
007180
007190* SIMULATION LIST
007200
007210     IF SPM (4) IS EQUAL TO 1
007220         MOVE 1 TO S-FLAG (I, 1).
007230
007240* SPORTSMANLIKE DRIVING LIST
007250     IF BOOK (1) IS EQUAL TO 1
007260         MOVE 1 TO S-FLAG (I, 2).
007270
007280* ADULT, OUT-OF-SCHOOL YOUTH DRIVER IMPROVEMENT LIST
007290
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007300     IF COURSE-ADULTS-OSY IS EQUAL TO 1 OR
007310     DRIV-IMPROVE-PROG IS EQUAL TO 1
007320         MOVE 1 TO S-FLAG (I, 3)
007330         ADD NUM-ADULTS TO A-OSY-DIP (I, 1)
007340         ADD NUM-OSY     TO A-OSY-DIP (I, 2)
007350         ADD DIP-STUDS  TO A-OSY-DIP (I, 3).
007360
007370* D. E. AT NINTH GRADE LIST
007380
007390     MOVE 0 TO J.
007400     IF GRADE-SEM (1) IS EQUAL TO 1  ADD 1 TO J.
007410     IF GRADE-SEM (2) IS EQUAL TO 1  ADD 2 TO J.
007420     IF J IS GREATER THAN 0
007430         MOVE J TO S-FLAG (I, 4).
007440
007450* NOT USING FORM S-7
007460
007470     IF CONTRACT IS NOT EQUAL TO 1
007480         MOVE 1 TO S-FLAG (I, 5).
007490
007500* NOT OFFERING SUMMER PROGRAM LIST
007510
007520     IF D-CODE IS EQUAL TO 075
007530         DISPLAY ' '
007540         DISPLAY ' S-FLAG (' I ', 6) = ' S-FLAG (I, 6).
007550     IF SCHEDULE (11) IS NOT EQUAL TO 1
007560         ADD 1 TO S-FLAG (I, 6).
007570     IF SCHEDULE (12) IS NOT EQUAL TO 1
007580         ADD 2 TO S-FLAG (I, 6).
007590
007600     GO TO READ-DE-FILE.
007610* NOT CONDUCTING LEARNERS PERMIT EXAM LIST
007620
007630     IF EXAM IS NOT EQUAL TO 1
007640         MOVE 1 TO S-FLAG (I, 7).
007650
007660* NOT USING A TEXTBOOK
007670
007680     MOVE 1 TO J BOOK-FLAG.
007690 BOOK-LOOP.
007700     IF BOOK (J) IS EQUAL TO 1  MOVE 0 TO BOOK-FLAG.
007710     ADD 1 TO J.
007720     IF J IS LESS THAN 12  GO TO BOOK-LOOP.
007730     IF BOOK-FLAG IS EQUAL TO 1
007740         MOVE 1 TO S-FLAG (I, 8).
007750
007760* D.E. SEAT BELT CONVINCER LIST
007770
007780     IF SPECIAL-EQUIP (2) IS EQUAL TO 1
007790         MOVE 1 TO S-FLAG (I, 9)
007800         ADD CONV-STUDS TO S-B-TOT (I).
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007810
007820* V DTS EQUIPMENT OR PERSONNEL LIST
007830
007840     IF SPECIAL-EQUIP (1) IS EQUAL TO 1
007850             MOVE 1 TO S-FLAG (I, 10).
007860     IF SPECIAL-EQUIP (3) IS EQUAL TO 1
007870             MOVE 1 TO S-FLAG (I, 11).
007880     IF SPECIAL-EQUIP (4) IS EQUAL TO 1
007890             MOVE 1 TO S-FLAG (I, 12).
007900
007910     GO TO READ-DE-FILE.
007920
007930 INVALID-CODE.
007940     DISPLAY ' '.
007950     DISPLAY ' SCHOOL CODE ' SCHOOL-CODE ' NOT ON D. E. FILE.'
007960     DISPLAY ' CORRECT AND RERUN.'
007970     GO TO READ-DE-FILE.
007980
007990
008000 END-DE.
008010     CLOSE DE-FILE.
008020
008030     OPEN OUTPUT PRINT MPRINT.
008040
008050*
008060*     PRINT SCHOOL LISTS
008070*
008080
008090
008100*     SCHOOLS USING SIMULATION LIST
008110
008120             MOVE 1 TO LIST FLAG-INDEX.
008130             MOVE SPACES TO HEADING1.
008140             MOVE HEAD-1 TO HEADING2.
008150             MOVE ULINE1 TO ULINE.
008160             PERFORM PRINT-LIST THROUGH P-L-X.
008170
008180*     SCHOOLS USING SPORTSMANLIKE DRIVING LIST
008190
008200             MOVE 2 TO LIST FLAG-INDEX.
008210             PERFORM PRINT-LIST THROUGH P-L-X.
008220
008230*     LIST OF SCHOOLS OFFERING ADULT, OUT-OF-SCHOOL YOUTH,
008240*     OR DRIVER IMPROVEMENT PROGRAM
008250
008260             MOVE 3 TO LIST FLAG-INDEX.
008270             MOVE HEAD-3-1 TO HEADING1.
008280             MOVE HEAD-3-2 TO HEADING2.
008290             MOVE ULINE3 TO ULINE.
008300             PERFORM PRINT-LIST THROUGH P-L-X.
008310
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008320* LIST OF SCHOOLS OFFERING D.E. AT NINTH GRADE LEVEL
 008330
 008340 MOVE 4 TO LIST FLAG-INDEX.
 008350 MOVE SPACES TO HEADING1.
 008360 MOVE HEAD-4 TO HEADING2.
 008370 MOVE ULINE4 TO ULINE.
 008380 PERFORM PRINT-LIST THROUGH P-L-X.
 008390
 008400* LIST OF SCHOOLS NOT USING FORM S-7
 008410
 008420 MOVE 5 TO LIST FLAG-INDEX.
 008430 MOVE HEAD-1 TO HEADING2.
 008440 MOVE ULINE1 TO ULINE.
 008450 PERFORM PRINT-LIST THROUGH P-L-X.
 008460
 008470* LIST OF SCHOOLS NOT OFFERING SUMMER D.E. PROGRAM
 008480
 008490 MOVE 6 TO LIST FLAG-INDEX.
 008500 MOVE SPACES TO HEADING1.
 008510 MOVE HEAD-6 TO HEADING2.
 008520 MOVE ULINE6 TO ULINE.
 008530 PERFORM PRINT-LIST THROUGH P-L-X.
 008540
 008550* LIST OF SHCOOLS NOT CONDUCTING LEARNERS PERMIT
 008560* EXAM ON SCHOOL SITE
 008570
 008580 MOVE 7 TO LIST FLAG-INDEX.
 008590 MOVE SPACES TO HEADING1.
 008600 MOVE HEAD-1 TO HEADING2.
 008610 MOVE ULINE1 TO ULINE.
 008620 PERFORM PRINT-LIST THROUGH P-L-X.
 008630
 008640* LIST OF SCHOOLS NOT USING A D. E. TEXTBOOK
 008650
 008660 MOVE 8 TO LIST FLAG-INDEX.
 008670 PERFORM PRINT-LIST THROUGH P-L-X.
 008680
 008690* LIST OF SCHOOLS USING D.E. SERVICES SEAT BELT CONVINCER
 008700
 008710 MOVE 9 TO LIST FLAG-INDEX.
 008720 MOVE SPACES TO HEADING1.
 008730 MOVE HEAD-9 TO HEADING2.
 008740 MOVE ULINE9 TO ULINE.
 008750 PERFORM PRINT-LIST THROUGH P-L-X.
 008760
 008770* LIST OF SCHOOLS USING V.D.T.S PERSONNEL OR EQUIPMENT
 008780
 008790 MOVE 10 TO LIST FLAG-INDEX.
 008800 MOVE HEAD-10-1 TO HEADING1.
 008810 MOVE HEAD-10-2 TO HEADING2.
 008820 MOVE ULINE10 TO ULINE.

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008830     PERFORM PRINT-LIST THROUGH P-L-X.
008840
008850     CLOSE HSP-FILE SCH-TYP-FILE MPRINT PRINT.
008860     STOP RUN.
008870
008880 PRINT-LIST.
008890     MOVE 0 TO P-FLAG.
008900     MOVE 1 TO DIV.
008910     MOVE L-HEAD (LIST) TO TL.
008920     PERFORM PRINT-NEW-PAGE.
008930
008940
008950 DIV-LOOP.
008960*
008970* CHECK TO SEE IF ANY SCHOOLS FROM THIS DIVISION GO ON THE LIST
008980* AND IF ALL SCHOOLS GO ON THE LIST
008990*
009000     MOVE 0 TO NO-SCHOOLS.
009010     MOVE DIV-START OF DIV-ENT (DIV) TO D-START.
009020     MOVE DIV-STOP OF DIV-ENT (DIV) TO D-STOP.
009030
009040     SUBTRACT D-START FROM D-STOP GIVING NUM-SCH.
009050     ADD 1 TO NUM-SCH.
009060
009070     MOVE DIV-NAME OF DIV-ENT (DIV) TO THIS-DIV-NAME.
009080     MOVE 2 TO EJ.
009090
009100     ADD LINE-COUNT NUM-SCH 2 GIVING J.
009110     IF J IS GREATER THAN 58     PERFORM PRINT-NEW-PAGE.
009120
009130     IF LIST IS EQUAL TO 10
009140         PERFORM LIST-10 THROUGH L-10-X
009150         GO TO NEXT-DIV.
009160
009170     MOVE D-START TO K.
009180     IF NOT SNAME-ONLY     GO TO SCHOOL-LOOP.
009190
009200 CHECK-LOOP.
009210     IF S-FLAG (K, FLAG-INDEX) IS NOT EQUAL TO 0
009220         ADD 1 TO NO-SCHOOLS.
009230     ADD 1 TO K.
009240     IF K IS NOT GREATER THAN D-STOP
009250         GO TO CHECK-LOOP.
009260
009270     IF NO-SCHOOLS IS EQUAL TO 0     GO TO NEXT-DIV.
009280
009290     IF NO-SCHOOLS IS EQUAL TO NUM-SCH
009300         PERFORM PRINT-ALL-SCHOOLS
009310         GO TO NEXT-DIV.
009320
009330     MOVE D-START TO K.
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009340
009350 SCHOOL-LOOP.
009360     IF S-FLAG (K, FLAG-INDEX) IS EQUAL TO 0
009370         GO TO NEXT-SCHOOL.
009380
009390     MOVE SPACES TO LINE-OUT.
009400     IF SNAME-ONLY PERFORM PRINT-SNAME-ONLY
009410         GO TO NEXT-SCHOOL.
009420
009430     IF LIST IS EQUAL TO 3     PERFORM PRINT-3
009440         GO TO NEXT-SCHOOL.
009450
009460     IF LIST IS EQUAL TO 4     PERFORM PRINT-4
009470         GO TO NEXT-SCHOOL.
009480
009490     IF LIST IS EQUAL TO 6     PERFORM PRINT-6
009500         GO TO NEXT-SCHOOL.
009510
009520     IF LIST IS EQUAL TO 9     PERFORM PRINT-9.
009530
009540
009550 NEXT-SCHOOL.
009560     ADD 1 TO K.
009570     IF K IS NOT GREATER THAN D-STOP
009580         GO TO SCHOOL-LOOP.
009590
009600 NEXT-DIV.
009610     ADD 1 TO DIV.
009620     IF DIV IS NOT GREATER THAN LAST-DIV GO TO DIV-LOOP.
009630     IF P-FLAG IS NOT EQUAL TO 0 GO TO P-L-X.
009640
009650     MOVE SPACES TO LINE-OUT.
009660     IF SNAME-ONLY MOVE BLANK-LIST TO SCH-OUT.
009670     IF LIST IS EQUAL TO 3 MOVE BLANK-LIST TO SCH-OUT-3.
009680     IF LIST IS EQUAL TO 4 MOVE BLANK-LIST TO SCH-OUT-4.
009690     IF LIST IS EQUAL TO 6 MOVE BLANK-LIST TO SCH-OUT-6.
009700     IF LIST IS EQUAL TO 10 MOVE BLANK-LIST TO SCH-OUT-10.
009710     IF LIST IS EQUAL TO 9 MOVE BLANK-LIST TO SCH-OUT-9.
009720     WRITE P-LINE FROM LINE-OUT AFTER ADVANCING 2 LINES.
009730*    WRITE TO MICROFICHE FILE
009740     WRITE M-LINE FROM LINE-OUT AFTER POSITIONING C2 LINES.
009750     GO TO P-L-X.
009760
009770 PRINT-NEW-PAGE.
009780     WRITE P-LINE FROM PAGE-HEAD AFTER ADVANCING NEW-PAGE.
009790     WRITE P-LINE FROM TITLE     AFTER ADVANCING 2 LINES.
009800     WRITE P-LINE FROM HEADING1  AFTER ADVANCING 2 LINES.
009810     WRITE P-LINE FROM HEADING2  AFTER ADVANCING 1 LINES.
009820     WRITE P-LINE FROM ULINE     AFTER ADVANCING 0 LINES.
009830*    WRITE TO MICROFICHE FILE
009840     WRITE M-LINE FROM PAGE-HEAD AFTER POSITIONING CP LINES.
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009850 WRITE M-LINE FROM TITLE AFTER POSITIONING C2 LINES.
 009860 WRITE M-LINE FROM HEADING1 AFTER POSITIONING C2 LINES.
 009870 WRITE M-LINE FROM HEADING2 AFTER POSITIONING C1 LINES.
 009880 WRITE M-LINE FROM ULINE AFTER POSITIONING C0 LINES.
 009890
 009900 MOVE 5 TO LINE-COUNT.
 009910 MOVE DIV-NAME OF DIV-ENT (DIV) TO THIS-DIV-NAME.
 009920 MOVE 2 TO EJ.
 009930
 009940 PRINT-A-LINE.
 009950 IF LINE-COUNT IS GREATER THAN 58
 009960 PERFORM PRINT-NEW-PAGE.
 009970 WRITE P-LINE FROM LINE-OUT AFTER ADVANCING EJ LINES.
 009980* WRITE TO MICROFICHE FILE
 009990 MOVE C1 TO CX.
 010000 IF EJ IS EQUAL TO 2 MOVE C2 TO CX.
 010010 IF EJ IS EQUAL TO 0 MOVE C0 TO CX.
 010020 WRITE M-LINE FROM LINE-OUT AFTER POSITIONING CX LINES.
 010030
 010040 ADD EJ TO LINE-COUNT.
 010050 MOVE 1 TO EJ P-FLAG.
 010060 MOVE SPACES TO THIS-DIV-NAME.
 010070
 010080 PRINT-SNAME-ONLY.
 010090 MOVE THIS-DIV-NAME TO DIV-OUT.
 010100 MOVE SNAME (K) TO SCH-OUT.
 010110 PERFORM PRINT-A-LINE.
 010120
 010130 PRINT-ALL-SCHOOLS.
 010140 MOVE THIS-DIV-NAME TO DIV-OUT.
 010150 MOVE ALL-SCH-LAB TO SCH-OUT.
 010160 PERFORM PRINT-A-LINE.
 010170
 010180 PRINT-3.
 010190 MOVE THIS-DIV-NAME TO DIV-OUT-3.
 010200 MOVE SNAME (K) TO SCH-OUT-3.
 010210 MOVE A-OSY-DIP (K, 1) TO ADULTS.
 010220 MOVE A-OSY-DIP (K, 2) TO OSY.
 010230 MOVE A-OSY-DIP (K, 3) TO D-IMP.
 010240 PERFORM PRINT-A-LINE.
 010250
 010260 PRINT-4.
 010270 MOVE THIS-DIV-NAME TO DIV-OUT-4.
 010280 MOVE SNAME (K) TO SCH-OUT-4.
 010290 MOVE S-FLAG (K, FLAG-INDEX) TO J.
 010300 MOVE SEM-LAB (J) TO SEM-OUT.
 010310 PERFORM PRINT-A-LINE.
 010320
 010330 PRINT-6.
 010340 MOVE THIS-DIV-NAME TO DIV-OUT-6.
 010350 MOVE SNAME (K) TO SCH-OUT-6.

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010360     MOVE DASH TO CLASS-X IN-CAR-X.
010370     MOVE S-FLAG (K, FLAG-INDEX) TO J.
010380     IF SNAME (K) IS EQUAL TO 'OSBOURN PARK HIGH '
010390         DISPLAY ' K = ' K ' FLAG-INDEX = ' FLAG-INDEX
010400         DISPLAY ' S-FLAG, J = ' S-FLAG (K, FLAG-INDEX) ' ' J.
010410     IF J IS EQUAL TO 1 MOVE X TO CLASS-X.
010420     IF J IS EQUAL TO 2 MOVE X TO IN-CAR-X.
010430     IF J IS EQUAL TO 3 MOVE X TO CLASS-X IN-CAR-X.
010440     PERFORM PRINT-A-LINE.
010450
010460     PRINT-9.
010470     MOVE THIS-DIV-NAME TO DIV-OUT-9.
010480     MOVE SNAME (K) TO SCH-OUT-9.
010490     MOVE S-B-TOT (K) TO NUM-9.
010500     PERFORM PRINT-A-LINE.
010510
010520     LIST-10.
010530*
010540*     LIST 10 MUST USE S-FLAG (10, 11, AND 12)
010550*
010560     MOVE SPACES TO LINE-OUT.
010570     MOVE THIS-DIV-NAME TO DIV-OUT-10.
010580     MOVE D-START TO K.
010590
010600     SCH-LOOP-10.
010610     MOVE DASH TO PSY-PHY-X SBC-X FLIB-X.
010620     MOVE 0 TO J.
010630
010640     IF S-FLAG (K, 10) IS EQUAL TO 1
010650         MOVE X TO PSY-PHY-X
010660         MOVE 1 TO J.
010670
010680     IF S-FLAG (K, 11) IS EQUAL TO 1
010690         MOVE X TO SBC-X
010700         MOVE 1 TO J.
010710
010720     IF S-FLAG (K, 12) IS EQUAL TO 1
010730         MOVE X TO FLIB-X
010740         MOVE 1 TO J.
010750
010760     IF J IS EQUAL TO 0 GO TO NEXT-SCHOOL-10.
010770     MOVE 1 TO P-FLAG.
010780
010790     IF DIV-OUT-10 IS NOT EQUAL TO SPACES
010800         WRITE P-LINE FROM DIV-LINE AFTER ADVANCING 2 LINES
010810         ADD 2 TO LINE-COUNT
010820         MOVE SPACES TO DIV-LINE.
010830
010840     MOVE SNAME (K) TO SCH-OUT-10.
010850     WRITE P-LINE FROM LINE-OUT AFTER ADVANCING 1 LINES.
010860*     WRITE TO MICROFICHE FILE

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010870 WRITE M-LINE FROM LINE-OUT AFTER POSITIONING C1 LINES.
010880
010890 ADD 1 TO LINE-COUNT.
010900 MOVE SPACES TO LINE-OUT.
010910
010920 NEXT-SCHOOL-10.
010930 ADD 1 TO K.
010940 IF K IS NOT GREATER THAN D-STOP
010950 GO TO SCH-LOOP-10.
010960
010970 L-10-X.
010980 EXIT.
010990
011000 P-L-X.
011010 EXIT.
011020
011030 FILL-HSP-TABLE.
011040 MOVE ZEROES TO HSP-RECORD.
011050 MOVE SCHOOL-CODE TO H-SCODE.
011060
011070 MOVE 1 TO HSP-ENT (1).
011080 IF DE-PROG IS NOT EQUAL TO 1 GO TO WRITE-HSP.
011090 MOVE 1 TO HSP-ENT (2).
011100 IF COURSE-ADULTS-OSY IS EQUAL TO 1 MOVE 1 TO
011110 HSP-ENT (3)
011120 HSP-ENT (4).
011130
011140 MOVE ZEROS TO TEACHER-TOT SCH-PROG-MASK.
011150 MOVE 1 TO I.
011160
011170 T-LOOP.
011180 IF TEACHERS (I) IS NOT EQUAL TO ZEROS
011190 ADD 1 TO HSP-ENT (5).
011200
011210 ADD PROG-TYPE (I, 1) TO T-TOT (1).
011220 ADD PROG-TYPE (I, 2) TO T-TOT (2).
011230 ADD PROG-TYPE (I, 3) TO T-TOT (3).
011240 ADD PROG-TYPE (I, 4) TO T-TOT (4).
011250
011260 ADD 1 TO I.
011270 IF I IS LESS THAN 11 GO TO T-LOOP.
011280
011290 IF T-TOT (1) IS GREATER THAN 0 MOVE 1 TO SPM (1).
011300 IF T-TOT (2) IS GREATER THAN 0 MOVE 1 TO SPM (2).
011310 IF T-TOT (3) IS GREATER THAN 0 MOVE 1 TO SPM (3).
011320 IF T-TOT (4) IS GREATER THAN 0 MOVE 1 TO SPM (4).
011330
011340 MOVE 1 TO I.
011350 MOVE 0 TO K.
011360
011370 M-LOOP.
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011380     IF SCH-PROG-MASK IS EQUAL TO SCH-P-M (I)
011390             MOVE I TO K
011400             MOVE 12 TO I.
011410
011420     ADD 1 TO I.
011430     IF I IS LESS THAN 11  GO TO M-LOOP.
011440
011450     ADD 5 TO K.
011460     IF K IS GREATER THAN 14  MOVE 14 TO K.
011470     IF K IS GREATER THAN 5
011480             MOVE 1 TO HSP-ENT (K).
011490
011500     ADD ENROLL-10 TO HSP-ENT (15).
011510     ADD STUD-COMP (1) STUD-COMP (2) STUD-COMP (3)
011520             STUD-COMP (4) STUD-COMP (5) STUD-COMP (6)
011530             TO HSP-ENT (16) HSP-ENT (22).
011540     ADD STUD-COMP (1) STUD-COMP (2) TO HSP-ENT (17).
011550     ADD STUD-COMP (3) STUD-COMP (4) TO HSP-ENT (18).
011560     ADD STUD-COMP (5) STUD-COMP (6) TO HSP-ENT (19).
011570     ADD STUD-COMP (9) STUD-COMP (10) TO HSP-ENT (20).
011580     ADD STUD-COMP (7) STUD-COMP (8) TO HSP-ENT (21).
011590     ADD NUM-OSY TO HSP-ENT (23).
011600     ADD NUM-ADULTS TO HSP-ENT (24).
011610     IF IN-DE IS EQUAL TO 1  MOVE 1 TO HSP-ENT (25).
011620     IF SEP-COURSE IS EQUAL TO 1  MOVE 1 TO HSP-ENT (26).
011630     ADD MCYCL-STUDS TO HSP-ENT (27).
011640
011650     WRITE-HSP.
011660             WRITE HSP-RECORD.
011670
011680     F-H-T-X.
011690             EXIT.
011700
011710     FILL-ST-REC.
011720             MOVE SCHOOL-CODE TO ST-CODE.
011730             MOVE ST-YEAR TO ST-YR.
011740             ADD STUD-COMP (1) STUD-COMP (2) GIVING ST-NUM.
011750             MOVE 0 TO ST-TYPE ZSIM ZDR.
011760             IF ST-NUM IS LESS THAN 1  GO TO WRITE-ST-REC.
011770             MOVE 1 TO ST-TYPE.
011780
011790             ADD STUD-COMP (7) STUD-COMP (8) GIVING ZDR.
011800             ADD STUD-COMP (9) STUD-COMP (10) GIVING ZSIM.
011810             IF ZSIM IS GREATER THAN 0  MOVE 2 TO ST-TYPE.
011820             IF ZDR IS GREATER THAN 0  MOVE 3 TO ST-TYPE.
011830             IF ZSIM IS GREATER THAN 0 AND ZDR IS GREATER THAN 0
011840                 MOVE 4 TO ST-TYPE.
011850     WRITE-ST-REC.
011860             WRITE ST-REC.
011870     FSRX.
011880             EXIT.
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011890
011900*****
011910***** END OF DOEC803 *****

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