Students Terminating 1966-1967
Status as of October 15, 1967


## ERRATASHEET

Please make the following changes and dispose of this errata sheet:

1. List of Tables, Page v - Table 17 should read "Types of training enrolled in by 12 th-grade enrollees who completed a vocationa1-technical program by service area and sex."
2. Page 25 - Table 17 should read "Types of training enrolled in by 12 th-grade enrollees who completed a vocationaltechnical program by service area and sex."

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## INTRODUCT ION

The Iowa State Department of Public Instruction, through the cooperation of the Vocational Education Branch, Guidance Services Section, and the local area school staffs, conducted a follow-up study of 17,000 vocational-technical students terminating enrollment in approved vocationaltechnical programs during the $1966-67$ school year. The students included in this follow-up study were those students terminating either by completion of an approved vocational-technical program or by withdrawal before completion from an approved vocational-technical program.

The study included secondary students (grades 9-12) and first- and second-year post-secondary students (area schools). The students were enrolled in 306 secondary schools and 15 post-secondary schools which had approved vocational-technical programs.

## LIMITAT IONS

Information regarding the vocational-technical students was submitted on an MRC Form (Number 1764) by the local and area school staffs. The local vocational education and guidance staffs were instructed to cooperatively record the required information. Numerous forms were returned with less than completed data. The information presented in the following tables is a summary of the data submitted by the local and area educational agencies.

Despite the fact that information was not available for all students terminating vocational-technical programs during the 1966 -67 school year, the data compiled on the respondents serves as a sample of the entire vocational-technical population in the State of Iowa.

The 12 th-grade vocational-technical program enrollees were represented by 7,681 individual reports of the 9,017 students identified as enrolled in vocational-technical programs. The 12 th-grade vocational-technical students identified in the follow-up study represented 85.18 per cent of the total identifiable 12th-grade vocational-technical enrollment.

First-year post-secondary vocational-technical program enrollees were represented in the follow-up study by 935 of the 1,880 identifiable enrollees. This return represented 49.73 per cent of the total identifiable enrollees in first-year post-secondary vocational-technical programs. Second-year post-secondary vocational-technical program enrollees were represented by 533 of the 1,075 enrollees, or 49.58 per cent.

The enrollees terminating vocational-technical programs at the 9 th-, 10th-, and 11th-grade levels were not tabulated at this time even though this data was collected and constituted part of the 17,000 students for which data is available.

WHEN EXAMINING THE TABLES, IT MUST BE UNDERSTOOD THAT THIS DATA DOES NOT REPRESENT ALL THE STUDENTS KNOWN TO HAVE BEEN ENROLLED IN APPROVED VOCAT IONAL-TECHNICAL PROGRAMS FOR THE 1966-67 SCHOOL YEAR. THIS DATA IS A REPRESENTATION OF THESE STUDENTS FOR WHICH LOCAL AND AREA SCHOOLS SUBMITTED USABLE QUESTIONNAIRES. SOME PROGRAMS IN SOME SERVICE AREAS MAY NOT BE PRESENTED IN THE SUMMARY DUE TO INCOMPLETE DATA AVAILABLE.

## METHOD

Using specifications provided by the Guidance Services Section of the State Department of Public Instruction, the Iowa Educational Information Center (IEIC), through the facilities of the Measurement Research Center (MRC),
developed the Op-Scan questionnaire used to collect information for this study (see Appendix A). Using the questionnaire as a mode1, the Guidance Services staff developed a detailed set of instructions for completing the questionnaire (see Appendix B). Vocational-technical student enrollment figures were obtained through the cooperation of the Vocational Eciucation Branch of the State Department of Public Instruction. Packages of materials, including questionnaires and instruction sheets, were put together for each school district with a vocational or a technical program. There were 306 such school districts. These packages were developed for all 15 area schools.

A series of 16 regional meetings was held with the intention of explaining the purpose of the study and to review the details involved in completing the questionnaires. These meetings were held between October 16, 1967 and November 1, 1967.

All materials were returned to the Guidance Services Section. They were then delivered to the Information Center, where MRC put all data on magnetic data processing tape. This tape was then delivered to the Guidance Services Section.

The Systems Branch of the State Department of Public Instruction, using specifications provided by the Guidance Services Section and the Research Coordinating Unit of the Department, developed tables from the tape.

## F IND INGS

Table 1 shows the distribution of vocational-technical education enrollees by service area, sex and grade level, who terminated approved
vocational-technical programs during Fiscal 1967. Termination refers to either completing a prescribed vocational-technical program or withdrawing from a program prior to its completion. It must be realized that the data in Table 1 does not represent all vocational-technical program enrollees, but only those students for which information was submitted by the local school districts.

Information was available for 9,14912 th-grade and first- and secondyear post-secondary vocational-technical program enrollees. The 12 th grade had the largest representation with 7,681 students. Home Economics (Useful) had the largest representation of any service area with 2,660 females and 40 males terminating enrol1ment during Fiscal 1967.

Table 1. Distribution of vocational-technical education enrollees who terminated vocational-technical programs during school year $1966-67$ by service area, grade leve1, and sex.

| Service Area and Sex |  | DISTRIBUTION OF VOCATIONAL-TECHNICAL ENROLLEES |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Completed |  |  | Not Comp1eted |  |  |  |
|  |  | Secondary | Post-Secondary |  | Secondary | Post-Secondary |  |  |
|  |  | 12th Grade | 1st Year | 2nd Year | 12th Grade | 1st Year | 2nd Year |  |
| Agriculture | M | 1,833 | 1 | -- | 124 | 1 | -- | 1,959 |
|  | F | 3 | -- | -- | 1 | -- | -- | 4 |
| Distributive | M | 354 | 7 | 35 | 24 | 36 | 11 | 467 |
| Education | F | 359 | 14 | 16 | 40 | 13 | 1 | 443 |
| Trade and | M | 1,108 | 79 | 86 | 152 | 33 | 10 | 1,468 |
| Industrial | F | 72 | 2 | 2 | 6 | 2 | -- | 84 |
| Health | M | 4 | 3 | 1 | 2 | 1 | -- | 11 |
|  | F | 33 | 277 | 44 | 4 | 18 | 3 | 379 |
| Office | M | 34 | 34 | 61 | 5 | -- | -- | 134 |
| Education | F | 622 | 170 | 54 | 32 | 1 | -- | 879 |
| Home Economics | M | 36 | -- | 1 | 3 | -- | -- | 40 |
| (Useful) | F | 2,413 | -- | -- | 247 | -- | -- | 2,660 |
| Home Economics | M | 1 | -- | -- | -- | -- | -- | 1 |
| (Gainful) | F | 19 | -- | -- | -- | -- | -- | 19 |
| Technical | M | 92 | 60 | 153 | 8 | 142 | 21 | 476 |
|  | F | 11 | 4 | 12 | 3 | -- | 1 | 31 |
| Other (not | M | 10 | 30 | 18 | 5 | -- | 1 | 64 |
| classified)* | F | 16 | 7 | 2 | 5 | -- | -- | 30 |
| Total |  | 7,020 | 688 | 485 | 661 | 247 | 48 | 9,149 |

* Other (not classified) will not be analyzed in the following tables.

The information in Table 2 shows the employment status of 12 th-grade vocational-technical enrollees and the relationship between program completion and non-completion. The greatest number of full-time employees were male students who completed a vocational agriculture program. The agriculture service area is represented by 817 students who completed a vocational-technical program and were employed full time. When evaluating the data presented in Table 2, Tables $8,14,17,20,23$, and 26 should be considered. The information in Table 2 may be misinterpreted if it is not considered in light of the other alternatives available to 12 th-grade students. The information in Table 8 indicates the reasons for unemployment of students who had been enrolled in vocational-technical programs. Table 14 presents the educational status of the 12 th-grade student. Table 25 presents their military status.

The information in Tables 3 and 4 indicates the employment status of first- and second-year post-secondary vocational-technical program enrollees who terminated vocational-technical programs.

Table 3 shows that Health Occupations had the most first-year postsecondary students who completed a vocational-technical program employed full-time with 230 females and three males employed full-time. The questionnaires that were returned for the survey showed that Office Education had 99 first-year post-secondary females who completed the prescribed program and were employed full-time.

Table 4 shows that 114 male second-year post-secondary technical students who completed a vocational-technical program were employed full-time.

It must be kept in mind that the first- and second-year post-secondary students who terminated a vocational-technical program also have several attentions or obligations before accepting full-time employment. Tables 9, $10,15,16,18,19,21,22,24,25,27$, and 28 show the status of many of the students who were not employed as of October 15, 1967.

As can be observed from the tables, some of the students went into military service or advanced educational programs. It is interesting to note on Tables 9 and 10 that only two first-year post-secondary and five second-year post-secondary enrollees who completed a vocational-technical program were not employed because of the lack of employable skills. This number represents a very small percentage of the total enrollees who completed the prescribed vocational-technical programs in 1966-67 (18.97 per cent).

Table 5 shows the employment status of 12 th-grade students who were enrolled in a vocational-technical program during the $1966-67$ school year who completed or did not complete the program and the relationship between area of preparation and occupation by service area and sex. It is evident from Table 5 that a much higher percentage of the 12 th-grade students who completed a vocational-technical program prior to termination were employed in the occupation for which they were trained in comparison to those who did not complete the program.

When examining Table 5, it appears that a high percentage of the vocational-technical program enrollees is not employed in occupations for which they were trained or in related occupations. However, it must be realized, as shown in subsequent tables, that many of these students are in post-secondary educational programs, military service, or preparing for military service prior to accepting full-time employment.

Table 2. Employment status of 12 th-grade students who terminated a vocational-technical program by service area and sex in fiscal year 1966-67.

| Service Area and Sex |  | EMPLOYMENT STATUS |  |  |  |  |  |  |  | Totals |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Ful } \\ & \text { (C) } \% \end{aligned}$ | $\begin{aligned} & \text { Time } \\ & (\mathrm{NC}) * \end{aligned}$ | Part-time | ime $(\mathrm{NC}) *$ | Unknown | wn $(\mathrm{NC}) *$ | Not Employed |  |  |  |  |
| Agriculture | M | 817 | 52 | 130 | 6 | 93 | 4 | 628 | 33 | 1,668 | 95 | 1,763 |
|  | F | 1 | -- | -- | -- | -- | -- | 2 | 1 | 3 | 1 | 4 |
| Distributive | M | 157 | 4 | 45 | 1 | 15 | 1 | 93 | 6 | 310 | 12 | 322 |
| Education | F | 159 | 8 | 33 | 1 | 14 | 8 | 124 | 12 | 330 | 29 | 359 |
| Trade and | M | 608 | 51 | 77 | 9 | 29 | 13 | 172 | 33 | 886 | 106 | 992 |
| Industrial | F | 33 | -- | 2 | -- | 5 | -- | 17 | 3 | 57 | 3 | 60 |
| Health | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | 4 | -- | 1 | -- | 1 | -- | 4 | -- | 10 | -- | 10 |
| Office | M | 12 | 1 | 3 | 1 | -- | -- | 10 | -- | 25 | 2 | 27 |
| Education | F | 334 | 10 | 26 | 2 | 18 | 2 | 174 | 7 | 552 | 21 | 573 |
| Home Economics | M | 9 | 2 | 3 | -- | 3 | -- | 9 | -- | 24 | 2 | 26 |
| (Useful) | F | 270 | 32 | 112 | 10 | 153 | 14 | 1,365 | 115 | 1,900 | 171 | 2,071 |
| Home Economics | M | - | -- | -- | -- | -- | -- | 1 | -- | 1 | -- | 1 |
| (Gainful) | F | 3 | -- | 4 | -- | -- | -- | 12 | -- | 19 | -- | 19 |
| Technical | M | 24 | 2 | 7 | 2 | 2 | -- | 24 | -- | 57 | 4 | 61 |
|  | F | 5 | 1 | -- | -- | -- | -- | 1 | 1 | 6 | 2 | 8 |
| Total |  | 2,436 | 163 | 443 | 32 | 333 | 42 | 2,636 | 211 | 5,848 | 448 | 6,296 |

C* Completed
NC* Not Completed

Table 3. Employment status of first-year post-secondary students who terminated a vocational-technical program by service area and sex.

| Service Area and Sex |  | EMPLOYMENT STATUS |  |  |  |  |  |  |  | Totals |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Ful1 Time } \\ \begin{array}{ll} \text { (C) } * & \text { (NC) } * \end{array} \end{gathered}$ |  | $\begin{array}{r} \mathrm{Pa} \\ (\mathrm{C}) * \end{array}$ | ime $(\mathrm{NC}) *$ | $\begin{gathered} \mathrm{Ur} \\ (\mathrm{C}) * \end{gathered}$ | wn $(\mathrm{NC}) *$ | Not Employed |  |  |  |  |
| Agriculture | M | -- | -- | -- | -- | -- | -- | 1 | -- | 1 | -- | 1 |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive Education | M | 4 | -- | -- | -- | -- | -- | 2 | -- | 6 | -- | 6 |
|  | F | 11 | -- | -- | -- | 1 | -- | 2 | -- | 14 | - | 14 |
| Trade and Industrial | M | 58 | -- | 1 | -- | 2 | -- | 16 | -- | 77 | -- | 77 |
|  | F | 1 | -- | -- | -- | -- | -- | -- | -- | 1 | -- | 1 |
| Health | M | 3 | -- | -- | -- | -- | -- | -- | -- | 3 | -- | 3 |
|  | F | 230 | -- | 10 | -- | 17 | -- | 12 | -- | 269 | -- | 269 |
| Office Education | M | 20 | -- | 1 | -- | 11 | -- | -- | -- | 32 | -- | 32 |
|  | F | 99 | -- | 2 | -- | 50 | -- | 13 | -- | 164 | -- | 164 |
| Home Economics (Usefu1) |  | - | -- | -- | -- | -- | -- | -- | -- | -- | - | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics (Gainfu1) |  | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  |  | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical | M | 48 | -- | -- | -- | 3 | -- | 2 | -- | 53 | -- | 53 |
|  | F | 3 | -- | -- | -- | -- | -- | 1 | -- | 4 | -- | 4 |
| Total |  | 477 | -- | 14 | -- | 84 | -- | 49 | -- | 624 | -- | 624 |

C* Completed
NC* Not Completed

Table 4. Employment status of second-year post-secondary students who terminated a vocational-technical program by service area and sex.

| Service Area and Sex |  | EMPLOYMENT STATUS |  |  |  |  |  |  |  | Totals |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Full <br> (C) $\%$ <br> (NC) |  | $\begin{array}{r} \mathrm{Pa} \\ (\mathrm{C}) * \end{array}$ | ime $(\mathrm{NC}) *$ | $\begin{array}{r} \mathrm{Ul} \\ (\mathrm{C}) * \end{array}$ | $(N C) *$ | Not Employed |  | $(\mathrm{C}) *$ | 1 s $(\mathrm{NC}) *$ |  |
| Agriculture | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive | M | 24 | 4 | 1 | -- | -- | 1 | 7 | 3 | 32 | 8 | 40 |
| Education | F | 10 | 1 | -- | -- | 1 | -- | 4 | -- | 15 | 1 | 16 |
| Trade and | M | 26 | 4 | -- | -- | -- | 3 | 5 | 1 | 31 | 8 | 39 |
| Industrial | F | 2 | -- | -- | -- | -- | -- | -- | -- | 2 | -- | 2 |
| Health | M | 1 | -- | -- | -- | -- | -- | -- | -- | 1 | -- | 1 |
|  | F | 17 | -- | -- | -- | 1 | 1 | -- | 1 | 18 | 2 | 20 |
| Office | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Education | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| (Useful) | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| (Gainfu1) | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical | M | 114 | 8 | -- | -- | 1 | 5 | 21 | 8 | 136 | 21 | 157 |
|  | F | -- | 1 | -- | -- | -- | -- | -- | -- | -- | 1 | 1 |
| Total |  | 194 | 18 | 1 | -- | 3 | 10 | 37 | 13 | 235 | 41 | 276 |
| C* Completed |  |  |  |  |  |  |  |  |  |  |  |  |
| Not Completed |  |  |  |  |  |  |  |  |  |  |  |  |

Table 5. Employment status of 12 th-grade students who terminated a vocational-technical program and the relationship between area of preparation and occupation, by service area and sex.

| Service Area and Sex | EMPLOYMENT STATUS |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Occupation For Which Trained (C)* (NC)* |  | Related Occupation For Which Trained (C) (NC)* |  | Not in Occupation Related To Area Trained (C) * (NC)* |  |  |
| Agriculture M | 454 | 13 | 232 | 13 | 261 | 32 | 1,005 |
| F | 1 | -- | -- | -- | -- | -- | 1 |
| Distributive M | 105 | 1 | 31 | 1 | 66 | 2 | 206 |
| Education F | 110 | 3 | 50 | 1 | 32 | 5 | 201 |
| Trade and M | 332 | 18 | 134 | 11 | 219 | 31 | 745 |
| Industrial F | 26 | -- | 2 | -- | 7 | -- | 35 |
| Health M | -- | -- | -- | -- | -- | -- | -- |
| F | 4 | -- | 1 | -- | -- | -- | 5 |
| Office M | 6 | -- | 3 | -- | 6 | 2 | 17 |
| Education F | 260 | 4 | 52 | 4 | 52 | 4 | 376 |
| Home Economics M | -- | -- | -- | -- | 12 | 2 | 14 |
| (Useful) F | 67 | -- | 172 | 9 | 134 | 31 | 413 |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | -- | -- | -- |
| Technical M | 7 | -- | 9 | 1 | 14 | 3 | 34 |
| F | 3 | -- | 22 | 1 | -- | -- | 26 |
| Total | 1,375 | 39 | 708 | 41 | 803 | 112 | 3,078 |

Table 6 reveals that 453 first-year post-secondary vocational-technical program enrollees who completed programs before termination were employed in the occupation for which they were trained. An examination of the subsequent tables shows that many of the persons not recorded in one of the three classifications are either enrolled in other training programs or completing their military obligation.

The information in Table 7 indicated that 166 of the second-year postsecondary students who completed a vocational-technical program were employed in occupations for which they were trained. Forty-five (45) of the persons who did not complete the vocational-technical program before termination were employed in occupations for which they were training.

Table 6. Employment status of first-year post-secondary students who terminated a vocational-technical program, and the relationship between area of preparation and occupation by service area and sex.

| Service Area and Sex |  | EMPLOYMENT STATUS |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Occupation <br> For Which <br> Trained <br> (C) * (NC)* |  | Related Occupation For Which Trained <br> (C) * <br> (NC) * |  | Not in Occupation Related To Area Trained <br> (C) * <br> (NC) * |  |  |
| Agriculture | M | -- | -- | -- | -- | 1 | -- | 1 |
|  | F | -- | -- | -- | -- | -- | -- | -- |
| Distributive Education | M | 4 | -- | -- | -- | -- | -- | 4 |
|  | F | 7 | 5 | -- | -- | 4 | -- | 16 |
| Trade and Industrial | M | 44 | 5 | 5 | 8 | 11 | 10 | 83 |
|  | F | 1 | -- | -- | 1 | -- | -- | 2 |
| Health | M | 3 | -- | -- | -- | -- | -- | 3 |
|  | F | 230 | -- | 17 | -- | 3 | -- | 250 |
| Office Education | M | 20 | -- | 1 | -- | -- | -- | 21 |
|  | F | 99 | -- | 8 | -- | 3 | -- | 110 |
| Home Economics (Useful) | M | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- |
| Home Economics (Gainful) | M | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- |
| Technical | M | 42 | 26 | 4 | 18 | 1 | 32 | 123 |
|  | F | 3 | -- | -- | -- | -- | -- | 3 |
| Total |  | 453 | 36 | 35 | 27 | 23 | 42 | 616 |

[^0]Table 7. Employment status of second-year post-secondary students who terminated a vocational-technical program, and relationship between area of preparation and occupation by service area and sex.

| Service Area and Sex | EMPLOYMENT STATUS |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Occupation For Which Trained <br> (C) $\% \quad(\mathrm{NC}) *$ |  | Related Occupation For Which Trained <br> (C) $\%$ <br> (NC) * |  | Not in Occupation Related To Area Trained <br> (C) * <br> (NC) * |  |  |
| Agriculture M | -- | -- | -- | -- | -- | -- | -- |
| F | -- | -- | -- | -- | -- | -- | -- |
| Distributive M | 19 | 2 | 6 | 2 | -- | -- | 29 |
| Education F | 10 | -- | -- | -- | 1 | 1 | 12 |
| Trade and M | 23 | 1 | 2 | 1 | 1 | 2 | 30 |
| Industrial F | 2 | -- | -- | -- | -- | -- | 2 |
| Health M | 1 | -- | -- | -- | -- | -- | 1 |
| F | 17 | -- | -- | -- | -- | -- | 17 |
| Office M | -- | -- | -- | -- | -- | -- | -- |
| Education F | -- | -- | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- |
| (Useful) F | -- | -- | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | -- | -- | -- |
| Technical | 94 | 3 | 13 | -- | 8 | 6 | 124 |
|  | -- | 1 | -- | -- | -- | -- | 1 |
| Total | 166 | 7 | 21 | 3 | 10 | 9 | 216 |

C* Completed
NC* Not Completed

Table 8. Reasons for unemployment of 12 th-grade vocational-technical program enrollees who terminated a vocational-technical program by service area and sex.

| Service Area and Sex |  | REASON FOR UNEMPLOYMENT |  |  |  |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Illness and Physical Disability (C) * (NC)* |  | Lack of Employment Skills$(\mathrm{C}) * \quad(\mathrm{NC}) *$ |  | Enroll in Educational Program$(\mathrm{C}) * \quad(\mathrm{NC}) *$ |  | ```On Active Military Service (C)* (NC)*``` |  | $\begin{gathered} \text { Marriage } \\ \begin{array}{ll} \text { (C) } \% & (N C) * \end{array} \end{gathered}$ |  | Lack of Desire to Be Employed (C) $*(N C) *$ |  |  |
| Agriculture | M | 3 | -- | 66 | -- | 544 | 18 | 75 | 11 | -- | -- | 6 | 2 | 725 |
|  | F | -- | -- | -- | -- | 2 | -- | -- | -- | -- | 1 | -- | -- | 3 |
| Distributive | M | -- | -- | -- | -- | 59 | 3 | 38 | 4 | -- | -- | 3 | -- | 107 |
| Education | F | -- | -- | 5 | -- | 62 | 1 | 3 | -- | 49 | 11 | 6 | 2 | 139 |
| Trade and Industrial | M | 2 | 1 | -- | 1 | 100 | 11 | 103 | 27 | 2 | -- | 66 | 2 | 315 |
|  | F | - | -- | 1 | -- | 9 | -- | -- | -- | 10 | 4 | 1 | -- | 25 |
| Health | M | -- | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | 1 |
|  | F | -- | -- | -- | -- | 3 | -- | -- | -- | 2 | -- | -- | -- | 5 |
| Office | M | -- | -- | -- | -- | 6 | -- | 2 | -- | -- | -- | -- | -- | 8 |
| Education | F | 3 | 1 | -- | -- | 109 | -- | 2 | -- | 51 | 8 | 6 | -- | 180 |
| Home Economics (Usefu1) | M | - | -- | 1 | -- | 1 | -- | 4 | -- | 1 | -- | 1 | - | 8 |
|  | F | 11 | 1 | 26 | 1 | 931 | 44 | 12 | -- | 349 | 65 | 6 | 7 | 1,453 |
| Home Economics (Gainfu1) | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | 11 | -- | -- | -- | 2 | -- | -- | -- | 13 |
| Technical | M | 1 | -- | -- | -- | 23 | -- | -- | -- | -- | -- | -- | -- | 24 |
|  | F | -- | -- | -- | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 2 |
| Total |  | 20 | 3 | 99 | 2 | 1,862 | 77 | 239 | 42 | 466 | 90 | 95 | 13 | 3,008 |
| C* Completed <br> NC* Not Completed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 9. Reasons for unemployment of first-year post-secondary vocational-technical program enrollees who terminated a vocational-technical program by service area and sex.

| Service Area and Sex |  | REASON FOR UNEMPLOYMENT |  |  |  |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Illness and Physical Disability (C)* (NC)* |  | ```Lack of Employment Ski11s (C)* (NC)*``` |  | Enroll in Educational Program$(\mathrm{C}) * \quad(\mathrm{NC}) *$ |  | On Active Military Service$(\mathrm{C}) * \quad(\mathrm{NC}) *$ |  | $\begin{aligned} & \text { Marriage } \\ & \begin{array}{ll} \text { (C)* } & \text { (NC) } \end{array} \end{aligned}$ |  | Lack of Desire to Be Employed$(\mathrm{C}) * \quad(\mathrm{NC}) *$ |  |  |
| Agriculture | M | -- | -- | -- | -- | -- | -- | -- | 1 | -- | -- | -- | -- | 1 |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive Education | M | -- | -- | - | -- | 2 | 2 | 5 | 1 | -- | -- | -- | -- | 10 |
|  | F | -- | -- | -- | -- | 2 | 2 | -- | -- | 3 | -- | -- | -- | 7 |
| Trade and | M | 1 | -- | -- | -- | -- | 3 | 10 | 13 | -- | -- | 1 | -- | 28 |
| Industrial | F | -- | -- | -- | -- | 1 | 1 | -- | -- | -- | -- | -- | -- | 2 |
| Health | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | -- | -- | 1 |
|  | F | 1 | -- | -- | -- | 4 | 5 | -- | -- | 2 | 8 | 2 | 2 | 24 |
| Office | M | -- | -- | -- | -- | 4 | -- | 3 | -- | -- | -- | -- | -- | 7 |
| Education | F | 2 | -- | -- | -- | 2 | -- | 1 | -- | 6 | -- | 5 | 1 | 17 |
| Home Economics (Useful) | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics (Gainfu1) | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical | M | -- | -- | 2 | -- | 27 | -- | 14 | 2 | -- | -- | -- | -- | 45 |
|  | F | -- | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | 1 |
| Tota 1 |  | 4 | -- | 2 | -- | 43 | 13 | 33 | 17 | 11 | 9 | 8 | 3 | 143 |

C* Completed
NC* Not Completed

Table 10. Reasons for unemployment of second-year post-secondary vocational-technical program enrollees who terminated a vocational-technical program by service area and sex.

| Service Area and Sex |  | REASON FOR UNEMPLOYMENT |  |  |  |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Illness and Physical Disability <br> (C) * (NC)* |  | Lack of Employment Skills$(\mathrm{C}) *(\mathrm{NC}) *$ |  | Enroll in Educational Program$(\mathrm{C}) *(\mathrm{NC}) *$ |  | On Active Military Service$(\mathrm{C}) * \quad(\mathrm{NC}) *$ |  | $\begin{aligned} & \text { Marriage } \\ & \begin{array}{ll} \text { (C) })^{*} & (\mathrm{NC})^{*} \end{array} \end{aligned}$ |  | Lack of <br> Desire to Be Employed <br> (C) $*(\mathrm{NC}) *$ |  |  |
| Agriculture | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive Education | M | -- | -- | -- | -- | 5 | 2 | 5 | 2 | -- | -- | -- | -- | 14 |
|  | F | -- | -- | -- | -- | 2 | 2 | -- | -- | 2 | -- | -- | -- | 6 |
| Trade and Industrial | M | -- | 1 | -- | -- | -- | 7 | 5 | 1 | -- | -- | -- | 1 | 15 |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Health | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 |
| Office <br> Education | M | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | 1 | 1 | -- | -- | 2 | -- | 1 | -- | 6 | -- | 5 | 16 |
| Home Economics <br> (Useful) | M | -- | -- | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | 1 |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics (Gainful) |  | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical | M | -- | -- | 1 | 3 | 6 | 5 | 19 | 4 | -- | -- | 1 | -- | 39 |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total |  | -- | 3 | 2 | 3 | 13 | 19 | 29 | 8 | 2 | 6 | 1 | 6 | 92 |

C* Completed
NC* Not Completed

Table 11. Relationship between self-employment and employed first- and second-year post-secondary vocational program enrollees who terminated prior to completion of a vocational-technical program by service area and sex.

| Service Area and Sex |  | EMP L O Y M ENT STATUS |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Self-Employed | $\frac{\text { First Year }}{\text { Employed }}$ | Other | Tota 1 | Self-Employed | Second Year Employed | Other | Total |
| Agriculture | M | -- | -- | 1 | 1 | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive Education | M | -- | 4 | 32 | 36 | 2 | 2 | 7 | 11 |
|  | F | -- | 11 | 2 | 13 | -- | 1 | -- | 1 |
| Trade and Industrial | M | 3 | -- | 33 | 36 | -- | 4 | 6 | 10 |
|  | F | -- | 1 | 1 | 2 | -- | -- | -- | -- |
| Health | M | -- | 1 | -- | 1 | -- | -- | -- | -- |
|  | F | -- | -- | 18 | 18 | -- | 1 | 2 | 3 |
| Office Education | M | -- | -- | -- | -- | -- | -- | -- | - |
|  | F | -- | -- | 1 | 1 | -- | -- | 1 | 1 |
| Home Economics (Usefu1) |  | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics (Gainful) |  | -- | -- | -- | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical | M | 2 | 45 | 95 | 142 | -- | 8 | 13 | 21 |
|  | F | -- | -- | - | -- | -- | 1 | -- | 1 |
| Total |  | 5 | 62 | 183 | 250 | 2 | 17 | 29 | 48 |

Table 12. Relationship between self-employment and employed first- and second-year post-secondary vocational enrollees who completed a vocational-technical program.

| Service Area and Sex | EMP L O Y M ENT STAT US |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Self-Employed | $\frac{\text { First Year }}{\text { Employed }}$ | Other | Total | Self-Employed | $\begin{aligned} & \text { Second Year } \\ & \text { Employed } \\ & \hline \end{aligned}$ | Other | Total |
| Agriculture M | -- | -- | 1 | 1 | -- | -- | -- | -- |
| F | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive M | -- | 4 | 3 | 7 | 2 | 24 | 10 | 36 |
| Education F | -- | 11 | 3 | 14 | -- | 10 | 3 | 13 |
| Trade and M | 3 | 54 | 22 | 79 | -- | 26 | 7 | 33 |
| Industrial F | -- | 1 | 1 | 2 | -- | 2 | -- | 2 |
| Health M | -- | 21 | 13 | 34 | -- | 1 | -- | 1 |
| F | -- | 100 | 70 | 170 | -- | 17 | 1 | 18 |
| Office M | 1 | 2 | -- | 3 | -- | -- | -- | -- |
| Education F | 6 | 241 | 40 | 287 | -- | -- | 1 | 1 |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- | -- |
| (Useful) F | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- | -- |
| (Gainfu1) F | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical M | 2 | 45 | 13 | 60 | -- | 112 | 30 | 142 |
| F | -- | 3 | 1 | 4 | -- | -- | -- | -- |
| Total | 12 | 482 | 167 | 661 | 2 | 192 | 52 | 246 |

Table 13. Relationship between self-employment and employed 12 th-grade vocational program enrollees who terminated prior to completion.

| Service Area and Sex |  | EMP L O Y M ENT STAT US |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Program Completed |  |  | Total | Program Not Completed |  |  |  |
|  |  | Self-Employed | Employed | Other |  | Self-Employed | Employed | Other | Total |
| Agriculture | M | 167 | 742 | 924 | 1,833 | 4 | 48 | 72 | 124 |
|  | F | -- | 1 | 2 | 3 | -- | -- | -- | -- |
| Distributive | M | -- | 198 | 156 | 354 | -- | 5 | 19 | 24 |
| Education | F | -- | 191 | 168 | 359 | -- | 9 | 31 | 40 |
| Trade and | M | 13 | 659 | 426 | 1,098 | -- | 57 | 95 | 152 |
| Industrial | F | -- | 36 | 36 | 72 | -- | -- | 6 | 6 |
| Health | M | -- | -- | 4 | 4 | -- | -- | 2 | 2 |
|  | F | 1 | 4 | 28 | 33 | -- | -- | 4 | 4 |
| Office | M | -- | 14 | 20 | 34 | -- | 2 | 3 | 5 |
| Education | F | -- | 357 | 268 | 625 | -- | 2 | 20 | 22 |
| Home Economics | M | -- | 10 | 26 | 36 | -- | 1 | 2 | 3 |
| (Useful) | F | -- | 928 | 2,180 | 3,108 | -- | 38 | 206 | 244 |
| Home Economics | M | -- | -- | 1 | 1 | -- | -- | -- | -- |
| (Gainful) | F | 1 | 7 | 12 | 20 | -- | -- | -- | -- |
| Technical | M | -- | 27 | 65 | 92 | -- | 4 | 4 | 8 |
|  | F | -- | 5 | 6 | 11 | -- | 1 | 2 | 3 |
| Total |  | 182 | 3,179 | 4,322 | 7,683 | 4 | 167 | 466 | 637 |

Table 14. Present educational status of 12 th-grade students who completed or did not complete a vocational-technical program.

| Service Area and Sex | E D U CAT I ONAL S TAT US |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Completed |  |  |  | Did Not Complete |  |  |  |
|  | Continuing Education Ful1 Time | Continuing Education Part-time | Not Enrolled in Educational Program | Total | Continuing Education Full Time | Continuing Education Part-time | Not Enro11ed in Educational Program | Total |
| Agriculture M | 768 | 68 | 796 | 1,632 | 35 | 4 | 53 | 92 |
| F | 2 | -- | 1 | 3 | -- | -- | 1 | 1 |
| Distributive M | 115 | 17 | 161 | 293 | 6 | -- | 7 | 13 |
| Education F | 98 | 8 | 165 | 271 | 3 | 2 | 14 | 19 |
| Trade and M | 203 | 58 | 557 | 818 | 16 | 5 | 66 | 87 |
| Industrial F | 17 | 1 | 37 | 55 | 1 | -- | 3 | 4 |
| Health M | 4 | -- | -- | 4 | -- | -- | -- | -- |
| F | 7 | 2 | 3 | 12 | -- | -- | -- | -- |
| Office M | 17 | 2 | 10 | 29 | 3 | -- | 1 | 4 |
| Education F | 159 | 17 | 316 | 492 | 8 | -- | 13 | 21 |
| Home Economics M | 2 | -- | 22 | 24 | -- | -- | 2 | 2 |
| (Useful) F | 1,268 | 71 | 1,174 | 2,513 | 65 | 11 | 99 | 175 |
| Home Economics M | 1 | -- | -- | 1 | -- | -- | -- | -- |
| (Gainful) F | 14 | -- | 5 | 19 | -- | -- | -- | -- |
| Technical M | 42 | 3 | 16 | 61 | 2 | 1 | 2 | 5 |
| F | 4 | 1 | 4 | 9 | -- | -- | 2 | 2 |
| Total | 2,721 | 248 | 3,267 | 6,236 | 139 | 23 | 263 | 425 |

Table 15. Present educational status of first-year post-secondary students who completed or did not complete a vocational-technical program.

| Service Area <br> and Sex | E D U C A T I O N A L S T A T U S |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Completed |  |  | Total | Did Not Complete |  |  | Total |
|  | Continuing Continuing  <br> Education Education in Educational <br> Full Time Part-time Program |  |  |  | Continuing Education Full Time | Continuing Education <br> Part-time | Not Enrolled in Educational Program |  |
| Agriculture M | -- | -- | 1 | 1 | -- | -- | -- | -- |
| F | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive M | 2 | -- | 4 | 6 | 3 | -- | 3 | 6 |
| Education F | 2 | -- | 11 | 13 | 2 | -- | 8 | 10 |
| Trade and M | 3 | -- | 73 | 76 | 6 | 1 | 30 | 37 |
| Industrial F | -- | -- | 1 | 1 | 1 | -- | 1 | 2 |
| Health M | -- | -- | 2 | 2 | -- | -- | -- | -- |
| F | 3 | 3 | 209 | 215 | 2 | 3 | 21 | 26 |
| Office M | 3 | 1 | 19 | 23 | 3 | 1 | 2 | 6 |
| Education F | 1 | 1 | 88 | 90 | 3 | -- | 22 | 25 |
| Home Economics M | -- | -- | -- | -- | 1 | -- | -- | 1 |
| (Useful) F | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | -- | -- | -- | -- |
| Technical M | -- | -- | 53 | 53 | 22 | 6 | 75 | 103 |
| F | -- | -- | 4 | 4 | -- | 1 | 10 | 11 |
| Total | 14 | 5 | 465 | 484 | 43 | 12 | 172 | 227 |

Table 16. Present educational status of second-year post-secondary students who completed or did not complete a vocational-technical program.

| Service Area and Sex | E D U C A T I ONA L S T A T U S |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Completed |  |  |  | Did Not Complete |  |  | Total |
|  | Continuing Education Full Time | Continuing Education Part-time | Not Enrolled in Educational Program | Total | Continuing Education Full Time | Continuing Education Part-time | Not Enrolled in Educational Program |  |
| Agriculture M | -- | -- | -- | -- | 1 | -- | -- | 1 |
| F | -- | -- | -- | -- | -- | -- | -- | -- |
| Distributive M | 6 | 2 | 9 | 17 | 3 | -- | 1 | 4 |
| Education F | 2 | -- | 10 | 12 | -- | -- | 1 | 1 |
| Trade and M | -- | -- | 27 | 27 | -- | -- | 5 | 5 |
| Industrial F | -- | -- | 2 | 2 | -- | -- | -- | -- |
| Health M | -- | -- | 1 | 1 | -- | -- | -- | -- |
| F | -- | -- | 18 | 18 | 1 | -- | 1 | 2 |
| Office M | -- | -- | -- | -- | -- | -- | -- | -- |
| Education F | -- | -- | -- | -- | -- | -- | -- | - |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- | -- |
| (Useful) F | -- | -- | -- | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | 6 | -- | -- | 6 |
| Technical M | 12 | 6 | 105 | 123 | 5 | -- | 11 | 16 |
| F | -- | -- | -- | -- | -- | -- | 1 | 1 |
| Total | 20 | 8 | 172 | 200 | 16 | -- | 20 | 36 |

Table 17. Types of training enrolled in by 12th-grade enrollees who terminated a vocational-technical program before completion by service area and sex.

| Service Area and Sex | TYPE TRA IN ING PROGRAM |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Extension of Original Cooperative or Preparatory Training Program | Related Vocational Training | Related <br> Technical <br> Training | Not Related to Original Vocational or Technical Training |  |
| Agriculture M | 154 | 255 | 135 | 27 | 571 |
| F | -- | -- | -- | -- | -- |
| Distributive M | 1 | -- | -- | 5 | 6 |
| Education F | 1 | 2 | -- | 1 | 4 |
| Trade and M | 5 | 3 | 3 | 9 | 20 |
| Industrial F | -- | -- | -- | 1 | 1 |
| Health M | -- | -- | -- | -- | -- |
| F | -- | -- | -- | -- | -- |
| Office M | 2 | -- | -- | 1 | 3 |
| Education F | 5 | 2 | 1 | -- | 8 |
| Home Economics M | -- | -- | -- | -- | -- |
| (Useful) F | 6 | 2 | 1 | 54 | 63 |
| Home Economics M | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | -- |
| Technical M | 3 | -- | -- | -- | 3 |
| F | -- | -- | -- | -- | -- |
| Total | 177 | 264 | 140 | 98 | 679 |

Table 20. Types of training enrolled in by 12 th-grade students who terminated a vocational-technical program before completion by service area and sex.

|  |  |  | TYPE TRAIN ING PROGRAM |
| :---: | :---: | :---: | :---: | :---: | :---: |

Table 21. Types of training enrolled in by first-year post-secondary students who terminated a vocational-technical program before completion by service area and sex.

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

Table 22. Types of training enrolled in by second-year post-secondary students who terminated a vocational-technical program before completion by service area and sex.

| Service Area and Sex | TYPE TRAINING PROGRAM |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Extension of Origina1 Cooperative or Preparatory Training Program | Related Vocational Training | Related <br> Technical <br> Training | Not Related to Original Vocational or Technical Training |  |
| Agriculture | -- | -- | -- | 1 | 1 |
|  | -- | -- | -- | -- | -- |
| Distributive M | -- | -- | 1 | 2 | 3 |
| Education F | -- | -- | -- | -- | -- |
| Trade and $M$ | -- | -- | -- | -- | -- |
| Industrial F | -- | -- | -- | -- | -- |
| Health | -- | -- | -- | -- | -- |
|  | -- | 1 | -- | -- | 1 |
| Office M | -- | -- | -- | -- | -- |
| Education F | -- | -- | -- | -- | -- |
| Home Economics (Useful) | -- | -- | -- | -- | -- |
|  | -- | -- | -- | -- | -- |
| Home Economics (Gainful) | -- | -- | -- | -- | -- |
|  | -- | -- | -- | -- | -- |
| Technical | 1 | 2 | -- | 2 | 5 |
|  | -- | -- | -- | -- | -- |
| Total | 1 | 3 | 1 | 5 | 10 |

Table 23. Military status of 12 th-grade vocational-technical students who completed a vocational program by service area and sex.

| Service Area and Sex |  | MIL ITARY STATUS |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Full Time Active Duty | Part-time <br> Active Duty <br> (Active Reserve, <br> National Guard) | Preparing <br> To Meet <br> Military <br> Obligation <br> (Active Duty) | Classified as No <br> Future Active Duty Obligation (Discharged, Inactive Reserve, Classified as 4-F, Female) |  |
| Agriculture | M | 103 | 6 | 141 | 52 | 302 |
|  | F | -- | 1 | -- | -- | 1 |
| Distributive | M | 51 | 2 | 162 | 15 | 230 |
| Education | F | 5 | -- | -- | 179 | 184 |
| Trade and | M | 152 | 14 | 634 | 28 | 828 |
| Industrial | F | -- | -- | 1 | 35 | 36 |
| Health | M | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | 8 | 8 |
| Office | M | 2 | -- | 13 | 2 | 17 |
| Education | F | 2 | 1 | -- | 396 | 399 |
| Home Economics (Useful) | M | 6 | -- | 12 | 6 | 24 |
|  | F | 19 | -- | -- | 2,309 | 2,328 |
| Home Economics (Gainful) | M | -- | -- | 1 | -- | 1 |
|  | F | -- | -- | -- | 19 | 19 |
| Technical | M | 1 | 1 | 35 | 4 | 41 |
|  | F | -- | -- | -- | 5 | 5 |
| Total |  | 341 | 25 | 999 | 3,058 | 4,423 |

Table 24. Military status of first-year post-secondary vocational-technical students who completed a vocational program by service area and sex.

| Service Area and Sex |  | MIL ITARY STATUS |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Full Time Active Duty | Part-time <br> Active Duty <br> (Active Reserve, <br> National Guard) | Preparing To Meet Military Ob1igation (Active Duty) | Classified as No <br> Future Active Duty <br> Obligation (Discharged, <br> Inactive Reserve, Classi- <br> fied as 4-F, Female) |  |
| Agriculture | M | 1 | -- | -- | -- | 1 |
|  | F | -- | -- | -- | -- | -- |
| Distributive Education | M | 1 | -- | 2 | 4 | 7 |
|  | F | -- | -- | -- | 14 | 14 |
| Trade and Industrial | M | 14 | 2 | 34 | 27 | 77 |
|  | F | -- | -- | -- | 1 | 1 |
| Health | M | -- | -- | 1 | 2 | 3 |
|  | F | -- | -- | -- | 233 | 233 |
| Office <br> Education | M | 1 | -- | 5 | 3 | 9 |
|  | F | - | -- | -- | 159 | 159 |
| Home Economics (Useful) |  | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- |
| Home Economics (Gainful) |  | -- | -- | -- | -- | -- |
|  | F | -- | -- | -- | -- | -- |
| Technical | M | 3 | -- | 5 | 45 | 53 |
|  | F | -- | -- | -- | 4 | 4 |
| Total |  | 20 | 2 | 47 | 492 | 561 |

Table 25. Military status of second-year post-secondary vocational-technical students who completed a vocational program by service area and sex.

| Service Area and Sex | MILITARY STATUS |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Full Time Active Duty | Part-time <br> Active Duty <br> (Active Reserve, <br> National Guard) | Preparing <br> To Meet <br> Military <br> Ob1igation <br> (Active Duty) | Classified as No Future Active Duty Obligation (Discharged, Inactive Reserve, Classified as 4-F, Female) |  |
| Agriculture M | -- | -- | -- | -- | -- |
| F | -- | -- | -- | -- | -- |
| Distributive M | 5 | -- | 24 | 5 | 34 |
| Education F | -- | -- | -- | 13 | 13 |
| Trade and M | 6 | 4 | 9 | -- | 19 |
| Industrial F | -- | -- | -- | 2 | 2 |
| Health M | -- | -- | -- | 1 | 1 |
| F | -- | -- | -- | 18 | 18 |
| Office M | -- | -- | -- | -- | -- |
| Education F | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- |
| (Useful) F | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | -- |
| Technical M | 23 | 1 | 62 | 34 | 120 |
| F | -- | -- | -- | -- | -- |
| Total | 34 | 5 | 95 | 73 | 207 |

Table 26. Military status of 12 th-grade vocational-technical students who terminated a vocational program before completion by service area and sex.

| Service Area and Sex | MIL ITARY STATUS |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Full Time Active Duty | Part-time <br> Active Duty <br> (Active Reserve, <br> Nationa1 Guard) | Preparing <br> To Meet Military Ob1igation (Active Duty) | Classified as No Future Active Duty Obligation (Discharged, Inactive Reserve, Classified as 4-F, Female) |  |
| Agriculture | 15 | 1 | 63 | 6 | 85 |
|  | -- | -- | -- | 1 | 1 |
| Distributive M | 5 | -- | 8 | -- | 13 |
| Education F | -- | -- | -- | 19 | 19 |
| Trade and M | 32 | 1 | 55 | 5 | 93 |
| Industrial F | -- | -- | 1 | 1 | 2 |
| Health | -- | -- | -- | -- | -- |
|  | -- | -- | -- | 1 | 1 |
| Office M | -- | -- | 3 | 1 | 4 |
| Education F | -- | -- | -- | 20 | 20 |
| Home Economics (Useful) | 1 | -- | 1 | -- | 2 |
|  | -- | -- | -- | 174 | 174 |
| Home Economics (Gainful) | -- | -- | -- | -- | -- |
|  | -- | -- | -- | -- | -- |
| Technical | -- | -- | 4 | 1 | 5 |
|  | -- | -- | -- | 2 | 2 |
| Total | 53 | 2 | 135 | 231 | 421 |

Table 27. Military status of first-year post-secondary vocational-technical students who terminated a vocational program before completion by service area and sex.

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

Table 28. Military status of second-year post-secondary vocational-technical students who terminated a vocational program before completion by service area and sex.

| Service Area and Sex | MIL ITARY STATUS |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Full Time Active Duty | Part-time <br> Active Duty (Active Reserve, National Guard) | Preparing <br> To Meet Military Obligation (Active Duty) | Classified as No <br> Future Active Duty Obligation (Discharged, Inactive Reserve, Classified as 4-F, Female) |  |
| Agriculture | -- | -- | 1 | -- | 1 |
|  | -- | -- | -- | -- | -- |
| Distributive M | 2 | 1 | 4 | 2 | 9 |
| Education F | -- | -- | -- | 1 | 1 |
| Trade and M | 1 | -- | -- | 1 | 2 |
| Industrial F | - - | -- | -- | -- | -- |
| Health | -- | -- | -- | -- | -- |
|  | -- | -- | -- | 2 | 2 |
| Office M | -- | -- | -- | -- | -- |
| Education F | -- | -- | -- | -- | -- |
| Home Economics <br> (Useful) | -- | -- | -- | -- | -- |
|  | -- | -- | -- | -- | -- |
| Home Economics M | -- | -- | -- | -- | -- |
| (Gainful) F | -- | -- | -- | -- | -- |
| Technical | 5 | -- | 10 | $3$ | 18 |
|  | -- | -- | -- | 1 | 1 |
| Total | 8 | 1 | 15 | 10 | 34 |

APPEND IX A

Questionnaire





 ENROLLMENT IN AN APPROVED VOCATIONAL EDUCATION PROGRAM. IF A STUDENT COMPLETE ONE (1) QUESTIONNAIRE FOR EACH STUDENT WHO HAS TERMINATED STATUS OF STUDENT AS OF OCTOBER 15, 1967

MARK ONLY THE ONE (1) MOST APPROPRIATE RESPONSE FOR EACH ITEM. ONE (1) RESPONSE EACH SHOULD BE MARKED FOR ITEM NUMBER 2, 6, AND 8. MARK ITEM NUMBERS 1, 3, 4, 5, AND 7 ONLY IF THE ITEM IS APPROPRIATE.


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APPEND IX B
Instructions For Completing Questionnaire
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Follow-up of Students Enrolled in Approved Vocational Education Programs in 1966-67 School Year

October 15, 1967

I N S T R U CTIONS

## Purpose:

To obtain follow-up information regarding the students enrolled in Vocational-Technical Education programs during the 1966-67 school year for:

1. Compliance with Annual Financial and Narrative Report for Vocational and Technical Report.
2. Provide follow-up information for local school system.
3. Provide follow-up information for the Iowa State Department of Public Instruction.

Population to be Served:

1. A11 public secondary school students terminating enrollment in an approved preparatory Vocational-Technical Education program during the $1966-67$ school year.
2. All public post-secondary students terminating enrollment in an approved preparatory Vocational-Technical Education program during the $1966-67$ school year.

## Definition of Terms:

1. Enro11ment:

For purposes of this survey, a student was enrolled in an approved preparatory Vocational-Technical Education program if he attended as an enrollee at least one regular class meeting of a course offered in an approved preparatory Vocational-Technical Education program.
2. Approved Preparatory Vocational-Technical Education Program:

That vocational or technical education course or combination of courses that: (a) has been approved by the State Board of Public Instruction; (b) has met the program requirements and provisions for reimbursement as established by the State Plan for Vocational Education; and (c) are designed to prepare an individual for employment in a
specific job or career area.
3. Termination of enrollment:
A. Termination due to completion of the approved preparatory Vocational-Technical Education program;
B. Termination due to withdrawal from approved preparatory Vocational-Technical Education program but retained status as a student at the institution; or
C. Termination due to withdrawal from the secondary or post-secondary institution.

## Responsibilities of Secondary School or Merged Area Personne 1:

A joint or cooperative activity involving the counseling and the vocational education staff.

1. Responsibility of the Vocational-Technical Education staff
A. Identification of students terminating enrollment in an approved preparatory Vocational-Technical Education program during the $1966-67$ school year.
B. Assign enrollee's name to questionnaire.
C. Check the appropriate responses regarding the VocationalTechnical Education program in which the student was enrolled during the 1966-67 school year. Complete one questionnaire for each program that each student was enrolled in during the $1966-67$ school year.
D. Indicate whether program was secondary or post-secondary.
E. Indicate date (month and year) that individual completed program.
F. Indicate program completion status.
G. Assist guidance counselor in responding to all followup items on the questionnaire.
2. Responsibility of guidance counselor
A. Coordinate follow-up in each building, educational district, or merged area institution.
B. Assign cardpac number to questionnaire if cardpac number is available.
C. Record date of birth for person not assigned cardpac number.
D. Assist in the actual follow-up of the student.

## Genera1 Information:

A11 questionnaires recording follow-up information on all students terminating enrollment in an approved preparatory Vocational-Technical Education program during the $1966-67$ school year should be completed and submitted to the Vocational Education Branch, State Department of Public Instruction.

1. The completed questionnaires must be returned in the same envelope that was submitted to you. The information for the identification of your school district and county appears on the return address label.
2. Affix postage to envelope.
3. A11 questionnaires must be completed and returned by November 15, 1967.

## Procedures:

Complete one questionnaire for each student who terminated enrollment in an approved preparatory Vocational-Technical Education course or program during the $1966-67$ school year. If a student was enrolled in more than one approved preparatory Vocational-Technical Education program, i.e., home economics and office education, complete one (1) questionnaire for that student for each course or program the student was enrolled in during the $1966-67$ school year.

Use a regular lead pencil to record all information on the questionnaire. When marking an oval to record response, shade oval completely.

## 1. STUDENT NAME

Print the last name of the student enrolled in the approved preparatory Vocational-Technical Education program in the row of boxes at the bottom of the name grid. Begin with the first box, and print one letter in each box. Skip one box and print the individual's first name. Now skip a box and print the individual's middle initial.

If any person's name is too long for the squares provided, print the last name in full and as much of his first name as possible.

Mark the ovals in the alphabet columns above the name. Begin with the first letter of the last name. Make a heavy mark right over the oval containing this letter. Make your mark large enough to fill the oval completely, but do not go into other ovals. Find the second letter of the name in the
second alphabet column, and fill in the oval. Do the same for each letter of the name. When you come to the blank space between the last name and first name, fill in the blank oval at the top of the column. Do the same for the blank between the first name and middle initial and for the unused column(s) at the end of the name. Be sure that you make a mark in every column of the name block, either a mark covering a letter or a mark in the blank oval at the top of the column. A1so check to make sure that only one oval is marked in each column. If you make a mistake, erase it carefully.
2. PUPIL CARDPAC NUMBER

It is recommended that one person be responsible for obtaining and recording the cardpac number for all students who have been identified at an attendance center, district, or merged area, as having terminated enrollment in an approved preparatory Vocational-Technical Education program. The counselor (principal if counselor is not employed) may be the most logical person to do this.
A. Secondary Students

The secondary student cardpac number can be obtained from the Card Deck No. 13 of the cardpac information that has been submitted to each local educational district that has participated in cardpac during the past school year. Card Deck No. 13 contains a card of identification for every student recorded as grade 12 during the 1966-67 school year.

If the student for which you are completing this questionnaire was classified other than grade 12 during the past year, the cardpac number can be obtained by a review of the cardpac deck which corresponds to his grade placement during the past year.
B. Post-secondary Students

Many students may not have been assigned a cardpac number or that cardpac number may not be available. If the cardpac number is available, please record. If the cardpac number is not available, disregard the "PUPIL CARDPAC NUMBER" section, but complete the "DATE OF BIRTH" section of the questionnaire.
3. SEX

Mark the appropriate response (M) if the student is a male, and (F) if the student is female.
4. DATE OF BIRTH

Complete only for those persons not assigned a cardpac number.
5. VOCATIONAL PROGRAM STUDENT ENROLLED

Indicate the specific program the person was enrolled in during the 1966-67 school year. Mark only one response on each questionnaire. If a person was enrolled in more than one approved preparatory program during the $1966-67$ school year, a separate questionnaire must be completed for the person for each program.
6. CLASSIFICATION OF STUDENT DURING THE 1966-67 SCHOOL YEAR

Mark the appropriate response to indicate the student's grade placement at the time the student terminated enrollment in the approved preparatory Vocational-Technical Education program.
7. TYPE OF PROGRAM STUDENT WAS ENROLLED IN DURING THE 1966-67 SCHOOL YEAR

Indicate by marking the appropriate response whether this student was enrolled in a "secondary" or "post-secondary" program at the time student terminated enrollment in the approved preparatory Vocational-Technical Education program.

Definitions:

Secondary - An approved preparatory Vocationa1Technical Education program administered by the local high school district.

Post-secondary - Vocational-Technical Education programs for persons who have completed or left high school and who are available for full-time study in preparation for entering the labor market. Criteria for determining programs eligible under this purpose are:

- The individual must be available for full-time study.
- The individual must have completed or left high school.
- The individual is not in the labor force on a ful1-time basis.

The program is administered by the area community college, area vocational-technical schools, public junior colleges, or public community colleges.
8. DATE TERMINATED PROGRAM

Mark the appropriate ovaled number(s) to indicate the month, day, and year that the student terminated enrol1ment
in the approved preparatory Vocational-Technical Education program. You need not record the specific day of termination if this date is not readily available. It is most important that you record the "month" and "year" in the appropriate columns.
9. PROGRAM COMPLET ION STATUS

Mark the appropriate response to indicate whether the person "completed" or "did not complete" the approved VocationalTechnical Education program at the time of termination of enrol1ment.

Also, mark the appropriate response ("yes" or "no") to indicate whether the student graduated from the institution he was enrolled in during the $1966-67$ school year.
10. (Reverse side of questionnaire)

STATUS OF STUDENT AS OF OCTOBER 15, 1967 - Item one through eight

Mark only the one (1) most appropriate response for each item. One (1) response each should be marked for item numbers 2, 6, and 8. Mark items numbered 1, 3, 4, 5, and 7, only if the item is appropriate.

INDICATE ACTIVITY AS OF OCTOBER 15, 1967 - Item number 9
Record the "present job" information if the person is employed either part- or full time.

Record the "educational program" information if the person is enrolled in an educational program, either on a part-time or full-time basis.


[^0]:    C* Completed
    NC* Not Completed

