HD 6274 .N6 N48 1968

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

# 1968 Vocational Education Student Follow-up

3-1020

STATE OF IOWA • DEPARTMENT OF PUBLIC INSTRUCTION

II. Vocational sch. graduates

## ERRATA SHEET

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

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## State of Iowa DEPARTMENT OF PUBLIC INSTRUCTION Des Moines, Iowa 50319

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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.

### LIMITATIONS

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 12th-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 12th-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 9th-, 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 VOCATIONAL-TECHNICAL PROGRAMS FOR THE 1966-67 SCHOOL YEAR. THIS DATA IS A REPRESENTATION OF THESE STUDENTS FOR WHICH LOCAL AND AREA SCHOOLS SUB-MITTED <u>USABLE</u> 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),

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developed the Op-Scan questionnaire used to collect information for this study (see Appendix A). Using the questionnaire as a model, 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 Education 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

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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 <u>does not</u> represent all vocational-technical program enrollees, but only those students for which information was submitted by the local school districts.

Information was available for 9,149 12th-grade and first- and secondyear post-secondary vocational-technical program enrollees. The 12th 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 enrollment during Fiscal 1967.

			DISTRIBUTI	ON OF VOCATI	ONAL-TECHNICAL I	ENROLLEES		
			ompleted		No	ot Completed	-	
Service Area			Post-Se		Secondary		econdary	
and Sex		12th Grade	lst Year	2nd Year	12th Grade	lst Year	2nd Year	Total
Agriculture	М	1,833	1		124	1		1,959
0	F	3			1			4
Distributive	М	354	7	35	24	36	11	467
Education	F	359	14	16	40	13	1	443
Trade and	М	1,108	79	86	152	33	10	1,468
Industrial	F	72	2	2	6	2		84
Health	М	4	3	1	2	1		11
	F	33	277	44	4	18	3	379
Office	М	34	34	61	5			134
Education	F	622	170	54	32	1		879
Home Economics	М	36		1	3			40
(Useful)	F	2,413			247			2,660
Home Economics	М	1						1
(Gainful)	F	19						19
[echnical	М	92	60	153	8	142	21	476
	F	11	4	12	3		1	31
Other (not	М	10	30	18	5		1	64
classified)*	F	16	7	2	5			30
Total		7,020	688	485	661	247	48	9,149

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

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

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The information in Table 2 shows the employment status of 12th-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 12th-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 12th-grade student. Table 25 presents their military status.

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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).

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Table 5 shows the employment status of 12th-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 12th-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.

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					EMPL	OYMENT S	TATUS					
Service Area		Full	Time	Part	-time	Unk	nown	Not En	ployed	] т	otals	
and Sex		(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	Total
Agriculture	М	817	52	130	6	93	4	628	33	1,668	95	1,763
0	F	1						2	1	3	1	4
Distributive	М	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	М	608	51	77	9	29	13	172	33	886	106	992
Industrial	F	33		2		5		17	3	57	3	60
Health	М											
	F	4		1		1		4		10		10
Office	М	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	М	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

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

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C\* Completed

NC\* Not Completed

-9-

					EMPL	OYMENT S	TATUS					2
Service Area		Ful1	Time	Part	-time	Unk	nown	Not Em	ployed	То	tals	
and Sex		(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	Total
Acriculture	М							1		1		1
Agriculture	м F							L				
	г											
Distributive	M	4						2		6		6
Education	F	11				1		2		14		14
Trade and	М	58		1		2		16		77		77
				-								
Industrial	F	1						77		1		1
Health	М	3								3		3
	F	230	17	10		17		12		269		269
Office	М	20		1		11				32		32
Education	F	99		2		50		13		164		164
Home Economics	s M											
(Useful)	F											
Home Economics	5 M											
(Gainful)	F											
Technical	М	48				3		2		53		53
	F	3						. 1		4		4
Total		477		14		84		49		624		624

F.

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

C\* Completed

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NC\* Not Completed

					EMPL	OYMENT S	TATUS					
Service Area		Ful1	Time	Part	-time		nown	Not Em	ployed	То	tals	82° - X
and Sex		(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	Total
Agriculture	Μ											
	F											
Distributive	М	24	4	1			1	7	3	32	8	40
Education	F	10	1			1		4		15	1	16
Trade and	М	26	4				3	5	1	31	8	39
Industrial	F	20	+							2		2
Industriar	T	2										_
Health	M	1								1		1
	F	17				1	1		1	18	2	20
Office	М											
Education	F										·	
Home Economics	м											
(Useful)	F											
Home Economics	м								·	2		
(Gainful)	F											
(Gainiai)	1											
Technical	М	114	8			1	5	21	8	136	21	157
	F		1								1	1
Total		194	18	1		3	10	37	13	235	41	276

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

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C\* Completed NC\* Not Completed

-11-

				EMPL	OYMENT STA	ATUS			
		Occupa			Occupa-		Not in		
		For Wh			r Which		tion Re		
Service Area		Train		Trai				Trained	
and Sex	+	(C)*	(NC)*	 (C)*	(NC)*		(C)*	(NC)*	Total
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
	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							== , ;	7
	M	7		9	1		14	3	34
the second s	F	3		 22	1				26
Total		1,375	39	708	41		803	112	3,078

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

NC\* Not Completed

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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.

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				EMPLO	DYMENT STAT	TUS		er		
		Occupa			Occupa-		Not in		1 × 4	
		For Wh		tion For			tion Re			
Service Area		Train		Train				Trained		
and Sex		(C)*	(NC)*	(C)*	(NC)*		(C)*	(NC)*	Total	
Agriculture	M						1		1	
	F						^			
Distributive	M	4							4	
Education	F	7	5				4	x	16	
Trade and	M	44	5	5	8		11	10	83	۰. پ
Industrial	F	1			1				2	
Health	M	3						·	3	
	F	230		17	·		3		250	
Office	M	20		1					21	
Education	F	99		8			3		110	
Home Economics	M									
(Useful)	F								· · · · · ·	
Home Economics	M			\					14 - 11 11	
(Gainful)	F						, <u>-</u> -			
Technical	M	42	26	4	18		1	32	123	
	F	3							3	
Total		453	36	35	27		23	42	616	

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.

NC\* Not Completed

-14-

	1		2 		EMPI	LOYMENT ST	ATUS			
a		Occupa For Wh	ich	a = 7	tion Fo	l Occupa- or Which		tion Re		
Service Area and Sex		Train (C)*	ed (NC)*		Trai (C)*	ined (NC)*		To Area (C)*	a Trained (NC)*	Total
Agriculture	M									
ngricure	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									1 1 2 2
Education	F									
Home Economics	M									
(Useful)	F									
Home Economics	M									
(Gainful)	F		· · - ·							
Technical	M	94	3		13			8	6	124
	F		1							1
Total		166	7		21	3		10	9	216

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.

NC\* Not Completed

- 15 -

					REA		R UNEMP	LOYMEN	Т					1
Service Area and Sex		Phys	ess and ical ility (NC)*	Lack Emplo Ski (C)*	yment	Educa	11 in tional gram (NC)*	On A Mili Serv (C)*	-	Mar (C)*	riage (NC)*	Desi	k of re to ployed (NC)*	Total
			(110)	(0)	(110)	(0)	(110)	(0)	(110)	(0)	(110)		(1.0)	
Agriculture	М	3		66		544	18	75	11			6	2	725
	F					2					1			3
Distributive	М					59	3	38	4			3		107
Education	F			5		62	1	3		49	11	6	2	139
Trade and	М	2	1		1	100	11	103	27	2	,	66	2	315
Industrial	F			1		. 9				10	4	1		25
Health	М					1								1
	F					3				2			18	5
Office	М					6		2						8
Education	F	3	1			109		2		51	8	6		180
Home Economics	М		'	1		1		4		1		1		8
(Useful)	F	11	1	26	1	931	44	12		349	65	6	7	1,453
Home Economics	М													
(Gainful)	F					11				2				13
Technical	М	1				23								24
	F					1					1			2
Total		20	3	99	2	1,862	77	239	42	466	90	95	13	3,008

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

NC\* Not Completed

-16-

						SON FO	R UNEMP	LOYMEN	T					
			ess and ical	Lack Emplo	of yment		ll in tional		ctive tary				k of re to	
Service Area			ility	Ski			gram	Serv	-	Mar	riage		ployed	
and Sex	-	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	Total
Agriculture	М								1					
Agriculture	F													
Distributive	М					2	2	5	1					10
Education	F					2	2			3				
Trade and	м	1					3	10	13			1		28
Industrial	F					1	1							
Health	м										1			
	F	1				4	5			2	8	2	2	24
Office	м					4		3						7
Education	F	2				2		1		6		5	1	17
Home Economics	М												1	
(Useful)	F									y				
Home Economics	M													
(Gainful)	F													
Technical	M			2		27		14	2					45
	F					1	'							1
Total		4		2		43	13	33	17	11	9	8	3	143

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.

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C\* Completed

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NC\* Not Completed

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					REA	SON FO	R UNEMP	LOYMEN	Т					
		Illne	ss and	Lack			11 in		ctive				k of	12.1
			ical	Emplo			tional		tary				re to	
Service Area			ility	Ski			gram	Serv			riage		ployed	
and Sex		(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	(C)*	(NC)*	Total
Agriculture	М								- 2					
	F													
Distributive	Μ					5	2	5	2					14
Education	F				÷.,	2	2			2				6
Trade and	М		1				7	5	1				1	15
Industrial	F					,			77.					
Health	М													
	F		1											1
Office	M													
Education	F		1	1			2		1		6		5	16
Home Economics	Μ						1							1
(Useful)	F							-15	77				77	
Home Economics	М													
(Gainful)	F													
Technical	М			1	3	6	5	19	4			1		39
	F													
Total			3	2	3	13	19	29	8	2	6	1	6	92

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.

C\* Completed

NC\* Not Completed

-18-

					YMENI	STATUS			
Service Area and Sex		Self-Employed	First Year Employed	Other	Total	Self-Employed	Second Year Employed	Other	Total
Agriculture	М			1	1	1993년 <u>1</u> 993년 1			
ingriculture	F	136 - C	<b></b>			de la trada de la composición de la com	1		
Distributive	М		4	32	36	2	2	7	11
Education	F		11	2	13		1		1
Trade and	М	3		33	36		4	6	10
Industrial	F		1	1	2				
Health	М		1		1				
	F			18	18		1	2	3
Office	М		14 (N				1997 <u>- 19</u> 97 - 1997	1.14	
Education	F			1	1			1	1
Home Economics	М						집 그의 것		
(Useful)	F			177					
Home Economics	М		-1- <sup>1</sup> ,1				i de la composición d		
(Gainful)	F								
Technical	М	2	45	95	142		8	13	21
	F						1		1
Total		5	62	183	250	2	17	29	48

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.

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- 1. 8			F	мрточ	ZMENT	E STATUS			
Service Area			First Year	<u>.</u>			Second Year		
and Sex		Self-Employed	Employed	Other	Total	Self-Employed	Employed	Other	Total
Agriculture	М		) 	1	1			<u></u>	-21
	F		8 4 4 <b>6 1</b> 1 1 1 1		a an an <del>T</del> ata an	e e Sa <del>pi</del> ne ha b	an a sector in the particular is	- d <b></b>	ne statistica statis
Distributive	М		4	3	7	2	24	10	36
Education	F		11	3	14		10	3	13
Trade and	М	3	54	22	79		26	7	33
Industrial	F		1	1	2		2		2
Health	М		21	13	34		1		1
	F		100	70	170		17	1	18
Office	М	1	2		3				
Education	F	6	241	40	287			1	1
Home Economics	М								
(Useful)	F								
Home Economics	М					'		- (d),-	
(Gainful)	F		3					· · · · ·	
Technical	Μ	2	45	13	60		112	30	142
-	F		3	1	4				
Total		12	482	167	661	2	192	52	246

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

-20-

			E	MPLO	YMENŢ			)	
Service Area		Pro	gram Comple	eted		Progr	am Not Compl	eted	
and Sex		Self-Employed	Employed	Other	Total	Self-Employed	Employed	Other	Total
A and and tuma	М	167	742	924	1,833	4	48	72	124
Agriculture	M F	107	142	924	1,000		40	72	
	1		1	-					
Distributive	М		198	156	354		5	19	24
Education	F		191	168	359		9	31	40
	_		650	101	1			0.5	150
Trade and	Μ	13	659	426	1,098		57	95	152
Industrial	F		36	36	72			6	6
Health	М			4	4			2	2
	F	1	4	28	33			4	4
Office	М		14	20	34		2	3	5
Education	F		357	268	625		2	20	22
Home Economics	м		10	26	36	10	1	2	3
(Useful)	F		928	2,180	3,108		38	206	244
(000101)	-			-,200	.,				
Home Economics	M			1	1				
(Gainful)	F	1	7	12	20				
m 1 1	М		27	65	92	1 × 1	4	1.	
Technical	M F		27	6	92		4	4	8
	r			0	11	,	L	L	
Total		182	3,179	4,322	7,683	4	167	466	637

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

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				EDUCATI	ONAL	STATUS			
			Comp 1				Did Not C		
		Continuing	Continuing	Not Enrolled	ie c di i	Continuing	Continuing	Not Enrolled	1.1.1
Service Area		Education	Education	in Educational		Education	Education	in Educational	1
and Sex		Full Time	Part-time	Program	Total	Full Time	Part-time	Program	Total
Agriculture	M	768	68	796	1,632	35	4	53	92
	F	2		1	3			1	
Distributive	M	115	17	161	293	6		7	13
Education	F	98	8	165	271	3	2	14	19
Irade and	M	203	58	557	818	16	5	66	87
Industrial	F	17	1	37	55	1		3	4
Health	M	4		- 2	4				
	F	7	2	3	12				
Office	M	17	2	10	29	3		1	2
Education	F	159	17	316	492	8		13	21
Home Economic	s M	2		22	24			2	2
(Useful)	F	1,268	71	1,174	2,513	65	11	99	175
Home Economic	s M	1			1				
(Gainful)	F	14		5	19				
Technical	М	42	3	16	61	2	1	2	
	F	4	1	4	9			2	2
Total		2,721	248	3,267	6,236	139	23	263	425

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Table 14.	Present educational	status of	12th-grade	students	who	completed	or	did	not	complete	а
	vocational-technica	1 program.									

-22-

				EDUCATI	ONAL	STATUS			-
			Comp1			r Kas	Did Not C		1
		Continuing	Continuing	Not Enrolled		Continuing	Continuing	Not Enrolled	
Service Area		Education	Education	in Educational		Education	Education	in Educational	1
and Sex		Full Time	Part-time	Program	Total	Full Time	Part-time	Program	Tota
Agriculture	M			1	1				
name in nan wêre	F								
Distributive	M	2		4	6	3		3	6
Education	F	2	,	11	13	2		8	10
Trade and	М	3		73	76	6	1	30	37
Industrial	F			1	1	1		1	2
lealth	M			2	2				
	F	3	3	209	215	2	3	21	26
ffice	M	3	1	19	23	3	1	2	6
Education	F	1	1	88	90	3		22	25
lome Economics	M					1			1
(Useful)	F								
ome Economics	M								
(Gainful)	F								
echnical	M	200 C	nati <del>re</del> pell	53	53	22	6	75	103
	F	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		4	4	1.202222	1	10	11
Total		14	5	465	484	43	12	172	227

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

				EDUCATI	ONAL	STATUS			+
			Comp1	eted	-4.		Did Not C	omplete	1.5
		Continuing	Continuing	Not Enrolled		Continuing	Continuing	Not Enrolled	-
Service Area	. 1	Education	Education	in Educational	177 1 1	Education	Education	in Educational	100
and Sex		Full Time	Part-time	Program	Total	Full Time	Part-time	Program	Total
Vandau Ituma	M					1			1
Agriculture	F					1			1
	r								
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				
lealth	м			1	1				
nealth	F			18	18	1		1	2
Office	M								
Education	F								
Home Economics	M								
(Useful)	F								
lome Economics	м								
(Gainful)	F					6			6
(/						Ŭ			Ĭ
Cechnical	M	12	6	105	123	5	1-1 3 <b>-1</b> 7571	11	16
	F						Real Production	1	1
Total		20	8	172	200	16		20	36

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

-24-

			TYPE T	RA IN ING PROGRAM		
Service Area and Sex		Extension of Ori- ginal Cooperative or Preparatory Training Program	Related Vocational Training	Related Technical Training	Not Related to Original Voca- tional or Tech- nical Training	Total
Agriculture	M F	154	255	135	27	571
Distributive Education	M F	1 1	2		5 1	6 4
Trade and Industrial	M F	5	3	3	9 1	20 1
Health	M F					
Office Education	M F	2 5	2		1	3 8
Home Economics (Useful)	M F	6	2	1	<b></b> 54	63
Home Economics (Gainful)	M F				,.	
[echnical	M F	3				3
Total		177	264	140	98	679

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

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			TYPE T	RAINING PROGRAM		
Service Area		Extension of Ori- ginal Cooperative or Preparatory	Related Vocational	Related Technical	Not Related to Original Voca- tional or Tech-	
and Sex		Training Program	Training	Training	nical Training	Total
Agriculture	M F	10	3	2	27	42
	1					
Distributive Education	M F	1 1	2		5 1	6 4
Trade and Industrial	M F	5	3	3	9 1	20 1
Health	M F					
Office	M	2			1	3
Education	F	5	2	1		8
Home Economics (Useful)	M F	 6	2	1	<b></b> 54	63
Home Economics (Gainful)	M F					
Technical	r M F	3				3
Total		33	12	7	98	150

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

-28-

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			TYPE T	RA IN ING PROGRAM		
	1	Extension of Ori-			Not Related to	
		ginal Cooperative	Related	Related	Original Voca-	
Service Area		or Preparatory	Vocational	Technical	tional or Tech-	
and Sex	~ 1	Training Program	Training	Training	nical Training	Total
Agriculture	м					
	F					
Distributive	M				3	3
Education	F			1	1	2
Trade and	M			2	5	7
Industrial	F	1				1
Health	M					
	F		5			5
Office	M	1			3	4
Education	F		2		1	3
Home Economics	М			1		1
(Useful)	F					
Home Economics	M					
(Gainful)	F					
Technical	M	6	2	3	19	30
	F				1	1
Total		8	9	7	33	57

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.

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		TYPE TRAINING PROGRAM					
Service Area		Extension of Ori- ginal Cooperative or Preparatory	Related Vocational	Related Technical	Not Related to Original Voca- tional or Tech-		
and Sex		Training Program	Training	Training	nical Training	Total	
Agriculture	M				1	1	
	F						
Distributive	M			1	2	. 3	
Education	F		,				
Trade and	M						
Industrial	F					"	
Health	M						
	F		1			1	
0.551							
Office Education	M F						
Home Economics	м			-			
(Useful)	F						
Home Economics	s M						
(Gainful)	F						
Technical	M F	1	2		2	5	
Total		1	3	1	5	10	

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.

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

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

-31-

			1	MILITARY STATUS		
Service Area and Sex		· · · · · · · · · · · · · · · · · · ·	Part-time Active Duty	Preparing To Meet Military	Classified as No Future Active Duty Obligation (Discharged, Inactive Reserve, Classi- fied as 4-F, Female)	Total
		Full Time Active Duty	(Active Buty (Active Reserve, National Guard)	Obligation (Active Duty)		
Agriculture	Μ	1				1
	F				1 <del>-</del> (	
Distributive	М	1		2	4	7
Education	F				14	14
Trade and	Μ	14	2	34	27	77
Industrial	F				1	1
Health	М			1	2	3
	F			'	233	233
Office	М	1		5	3	9
Education	F				159	159
Home Economics	м					
(Useful)	F					
(0-0)	-					
Home Economics	Μ				'	
(Gainful)	F					
Technical	М	3		5	45	53
and the same of the same state	F				4	4
Total		20	2	47	492	561

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

-32-

		1	Ν	ILITARY STATUS		1.457
Service Area and Sex		Full Time	Part-time Active Duty (Active Reserve, National Guard)	Preparing To Meet Military Obligation (Active Duty)	Classified as No Future Active Duty Obligation (Discharged, Inactive Reserve, Classi- fied as 4-F, Female)	Total
医脱溃疡 计问题						1.1.1.1
Agriculture	Μ					
	F					
Distributive	М	5		24	5	34
Education	F				13	13
Trade and	М	6	4	9		19
Industrial	F			s <del>e</del> n bran	2	2
Health	М				1	1
	F				18	18
						1.1
Office	М	1				
Education	F					
Home Economics	М		-,-			
(Useful)	F					- T-
Home Economics	М					
(Gainful)	F		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	i the second	n de la seu e <del>u</del> las séculos de las seus	77. <del>-</del> -
Technical	М	23	1	62	34	120
	F					
Total		34	5	95	73	207

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

-33-

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		MILITARY STATUS					
Service Area and Sex		Part-time Active Duty Full Time (Active Reserve, Active Duty National Guard)		Preparing To Meet Military Obligation (Active Duty)	Classified as No Future Active Duty Obligation (Discharged, Inactive Reserve, Classi- fied as 4-F, Female)	Total	
Agriculture	M F	15	1	63	6 1	85 1	
Distributive Education	M F	5	1	8	19	13 19	
Trade and Industrial	M F	32	1	55 1	5 1	93 2	
Health	M F					 1	
Office Education	M F			3	1 20	4 20	
Home Economics (Useful)	s M F	1		1	174	2 174	
Home Economics (Gainful)	s M F		an <del>ar</del> an an Saorthachta Chr	и. Постания на селоти и селоти и Постания на селоти и с	the state <del>I</del> some or the	=	
Technical	M F			4	1 2	5 2	
Total		53	2	135	231	421	

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

-34-

		MILITARY STATUS					
Service Area and Sex	× ul	Full Time Active Duty	Part-time Active Duty (Active Reserve, National Guard)	Preparing To Meet Military Obligation (Active Duty)	Classified as No Future Active Duty Obligation (Discharged, Inactive Reserve, Classi- fied as 4-F, Female)	Total	
Agriculture	М						
	F						
Distributive	М	6		6	4	16	
Education	M F	6		0	12	10	
Education	F				12	12	
Frade and	М	10	1	15	10	36	
Industrial	F	10		15	2	2	
Industrial	г				2	2	
lealth	М						
	F			<del></del>	27	27	
Office	M	3			1	4	
Education	F	1			46	47	
Home Economics	м						
(Useful)	F						
(000101)	1						
Home Economics	М						
(Gainful)	F						
echnical	М	18	3	42	45	108	
	F				12	12	
Total		38	4	63	159	264	

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

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				MILITARY STATUS			
Service Area and Sex			Part-time	Preparing To Meet	Classified as No Future Active Duty	Total	
		Full Time Active Duty	Active Duty (Active Reserve, National Guard)	Military Obligation (Active Duty)	Obligation (Discharged, Inactive Reserve, Classi- fied as 4-F, Female)		
Agriculture	М			1		1	
0	F						
Distributive	М	2	1	4	2	9	
Education	F				1	1	
Trade and	М	1			1	2	
Industrial	F						
Health	М			'			
	F			<u> </u>	2	2	
Office	М						
Education	F						
Home Economic:	s M						
(Useful)	F						
Home Economic:	зM						
(Gainful)	F					1.1	
Technical	M F	5		10	3 1	18 1	
Total		8	1	15	10	34	

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

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APPEND IX A

Questionnaire

# VOCATIONAL EDUCATION STUDENT FOLLOW-UP

0       0	Pupil Card Pac Number	SEX	(for pe	ATE OF BIRTH ersons not assigned rd Pac number) Day Yr.	VOCATIONAL PROGRAM STUDENT ENROLLED (MARK ONLY ONE)
	0       0       0       0         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       2       2       2         3       3       3       3         4       4       4       4         5       5       5       5         6       6       6       6         7       7       7       7         8       8       8       8         9       9       9       9	O M O ₽	010	0     0     0       1     1     1       2     2     2       3     3     3       4     4       5     5       6     6       7     7       8     8       9     9	<ul> <li>Agriculture</li> <li>Distributive Education</li> <li>Trade and Industry</li> <li>Health</li> <li>Office Education</li> <li>Home Economics</li> <li>Technical</li> </ul>
N       N	CLASSIFICATION OF STUDENT DURING 1966-67 SCHOOL YEAR Secondary	PI STU EI	YPE OF ROGRAM DENT WAS NROLLED DURING 1966-67 IOOL YEAR	DATE TERMINATED PROGRAM Mo. Day Yr.	PROGRAM COMPLETION STATUS
I       I	9th Grade 10th Grade 11th Grade 12th Grade	) Seco	ondary	0       0       0       0       0       0         1       1       1       1       1       1         2       2       2       2       2         3       3       3       3       3	Completed the approved vocational or technical program Did not complete the approved vocational or technical
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Post — Secondary () 1st year () 2nd year	O Post	econdary		Did student officially graduate from the institution during the 1966-67 school year?
		ă.		9 9 9 9 8 8 8 8	U Yes U No

COMPLETE ONE (1) QUESTIONNAIRE FOR EACH STUDENT WHO HAS TERMINATED ENROLLMENT IN AN APPROVED VOCATIONAL EDUCATION PROGRAM. IF A STUDENT HAS ENROLLED IN MORE THAN ONE APPROVED VOC. ED. PROGRAM, COMPLETE A SEPARATE QUESTIONNAIRE FOR THIS STUDENT FOR EACH APPROVED PROGRAM.

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## 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.

			1.	2. EMPLOYMENT STATUS:		<sup>3.</sup> IF PERSON IS EMPLOYED, HE <sup>1</sup>	<ol> <li>IF PERSON IS UNEMPLOYED, HE IS UNEMPLOYED DUE TO:</li> </ol>	5. NATURE OF EMPLOYMENT (if employed or seeking employment):		
	Location	Area of Study	Deceased	<ul> <li>Full time (40 hrs. or more per week)</li> <li>Part time</li> <li>Employment status unknown</li> <li>Not employed</li> </ul>		) Is self employed ) Works for an employer	<ul> <li>HIness</li> <li>Physical disability</li> <li>The lack of employable skills</li> <li>Enrollment in an educational program</li> <li>On active military duty</li> <li>Marriage</li> <li>The lack of desire to be employed.</li> </ul>	<ul> <li>In occupation for which trained</li> <li>In related occupation for which trained</li> <li>Not in occupation related to area trained</li> </ul>		
OCTOBER 15, 1967:		Institution	6. EDUCATION	IAL STATUS:	7.	TYPE OF EDU TRAINING EN		8. ARMED FORCES STATUS		
ъ	Employer	AM: Name of	Continuing educatio	on full	Extension of original cooperative or preparatory training program			Full time active duty		
TIVITY AS			Continuing educatio	on part	Related vocational training			Part time active duty (active reserve, national guard)		
ATE AC	SENI	DCALIONAL	Not enrolled in educational program			d technical training		Preparing to meet active duty obligation		
INDIC		EDU			Not related to original vocational or technical training			Classified as no future active duty obligation (discharged, inactive reserve, classified as 4-F, female)		
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## APPEND IX B

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Instructions For Completing Questionnaire

### Follow-up of Students Enrolled in Approved Vocational Education Programs in 1966-67 School Year

October 15, 1967

#### INSTRUCTIONS

#### 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. All 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. Enrollment:

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 <u>completion</u> of the approved preparatory Vocational-Technical Education program;
  - B. Termination due to <u>withdrawal</u> from approved preparatory Vocational-Technical Education program but retained status as a student at the institution; or
  - C. Termination due to <u>withdrawal</u> from the secondary or post-secondary institution.

#### Responsibilities of Secondary School or Merged Area Personnel:

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 Vocational-Technical Education program in which the student was enrolled during the 1966-67 school year. Complete <u>one</u> questionnaire for <u>each</u> 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.

#### General Information:

All 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. All questionnaires must be completed and returned by November 15, 1967.

#### Procedures:

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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 <u>approved preparatory Vocational-Technical Education pro-</u><u>gram</u>, 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 <u>last</u> 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 <u>first</u> 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. Also 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.

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#### 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 Vocational-Technical 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 full-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 enrollment

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. 6

9. PROGRAM COMPLETION STATUS

Mark the appropriate response to indicate whether the person "completed" or "did not complete" the approved Vocational-Technical Education program at the time of termination of enrollment.

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 <u>only</u> the <u>one</u> (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.

