

T H E S I S

**A STUDY OF STUDENT PROGRESS
IN THE FORT WORTH VOCATIONAL SCHOOL
TO DETERMINE A BASIS
FOR ENTRANCE**

**Submitted by
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**In partial fulfillment of the requirements
for the Degree of Master of Science
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I HEREBY RECOMMEND THAT THE THESIS PREPARED UNDER MY
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CHAPTER I

INTRODUCTION

Background of the Problem.- Progressive educators all over the country are realizing more and more that the education of today should fit more into life as it exists outside the class room. This calls for a broader program of training, based upon functioning, usable knowledge. This also means that training on the high school level is going to have to be more specific if we expect to turn out students who can fit into some phase of the world's work as, at least, semi-skilled workers.

To be able to do a creditable job of training people in some specific line, some consideration has to be given to each individual who expresses a desire for such training as to his ability to master the subject, his chances for success in the given field, and many other things that have to be looked at from the standpoint of the individual.

Since the passage of the Smith-Hughes Act in 1917 many day trade schools have been organized and conducted under the provisions of this act. The act states that those entering such schools shall be at least fourteen years of age and be able to "profit by the instruction" given. Many superintendents and

teachers in systems where such schools have been organized have looked upon the vocational school as a "dumping ground" for problem cases; based upon the theory, probably, that these children could learn to do things with their hands, although they were misfits in the academic schools.

The Fort Worth Vocational School was organized in February, 1925, under the provisions of the Smith-Hughes Act as a two year trade school. Two of the provisions of that law are, "no person under fourteen years of age shall be admitted," and those entering must be able to "profit by the instruction." This last provision makes an ungraded setup, unlike the rest of the school system. As a result the entering ages of boys have varied from fourteen years on up through twenty-one years of age, and the grade completed from the fifth grade* on up to and including high school graduates.

The writer has been faced with the situation referred to, to some degree, in the Fort Worth Vocational School, of which he is the director. During his eight years as Director of Vocational Education he has kept records on the students who have attended this school. Being familiar with this situation from

*Texas has the eleven-year plan of secondary education instead of the twelve as is the case in most of the other states.

its beginning, he feels it to be for the future good of the vocational program in Fort Worth to make an extended investigation, based upon seven hundred twelve students whose records are complete, in order to determine certain optimum standards for entrance. By setting up such standards it is felt that pupils accepted in the school in the future would be of such a type that a greater percentage would be able to profit by the instruction given. It is hoped that the findings of this investigation may be used as a guide for principals and teachers in the Fort Worth Public Schools who advise with pupils concerning their transferring to the Vocational School.

From the writer's many contacts in Fort Collins, during five summers since 1928, with persons engaged in vocational work from many parts of the United States, he knows that there are many others who have been faced with the same problem. It is hoped that this study may act as a guide or serve in some way for future investigations of the same problem in other parts of the country where like setups exist.

Problem.- To determine the effect of certain factors relating to entrance upon the probable success or failure of the vocational school student in Fort Worth, Texas.

Divisions of Problem.- To determine for the school as a whole and for each trade the relation of:

(A) Age at entrance and grade completed at entrance upon accomplishment in the Vocational School as measured in terms of:

- (a) retention in school
- (b) promotion in school
- (c) graduation

(B) Previous promotions and failures upon:

- (a) age at entrance
- (b) grade completed at entrance
- (c) retention in school
- (d) graduation

Source of Data and Procedure.- Over a period of seven years complete records of 712 former students were available. For the present investigation only cases where the data were complete have been included. The data obtainable from the permanent record card which was decided to be most valuable from the standpoint of making comparisons are as follows: (1) Age at entrance, (2) Grade completed at entrance, (3) Trade entered, (4) Promotions or failures from other schools, (5) Promotions and failures by terms in the Vocational School, (6) Term dropped, (7) Graduation. It was thought best to make comparisons of these factors from two standpoints, (1) Age at entrance, and (2) Grade

completed at entrance.

Under these two main headings, two setups were made; and from these setups a set of tables was worked out that would show the distribution for the total enrollment as well as for each of the five trades taught; namely, automobile mechanics, machine shop practice, electricity, mill-cabinet making, and printing.

With so many tables to be filled in with figures, and to be able to check the figures for correctness, it was necessary to devise some mechanical means of recording this information. As a result a card form was worked out which is illustrated on the following page. For the purpose of greater accuracy the card is arranged to carry a number as well as give the student's name.

In working out the tables from the standpoint of age the cards were arranged by colors, and then rearranged for the other information desired; and from the standpoint of grade completed, the cards were arranged by the notches on the left end. When the cards were arranged according to notches a groove was formed. Thus if any card was out of place it would show up as it would not have a notch in the groove. Thus the task of filling in the tables became merely a job of arranging the cards and accounting for each individual number.

To give an example, Table 81, in the appendix shows the age and grade distribution of total enrollment, The cards were first separated according to age, or colors, beginning with the fourteen year olds, and running in consecutive order. Each age group was

TRADE

PROMOTIONS AND FAILURES BY TERMS.

ENTERED AS FAILURE

ENTERED AS PROMOTION

GRADE COMPLETED

17

GRADUATED

TERM DROPPED

STUDENT NO SCHOOL NO

Card used in Tabulating Data

then taken separately and separated according to the grade completed, and put back together with the lowest grade in front, with the other grades completed in consecutive order. Then all boys fourteen years of age who had completed less than the sixth grade were together, the same being true with all other combinations

To get the number for each division all that was necessary was to count the cards for that particular group.

CHAPTER II

A COMPARISON OF STUDENTS ENROLLED IN THE FORT WORTH VOCATIONAL SCHOOL AS TO THEIR PROGRESS IN RELATION TO THEIR AGES AT ENTRANCE.

The present chapter presents a discussion of the relation of ages at entrance to certain specific factors related to success or failure in the Vocational School. This relation will be given not only for the school as a whole but also for each of the trades for which preparation is given.

Age Distribution of Total Enrollment.— The following table (Table I) shows the distribution of the 712 boys of the present investigation in relation to the ages at which they entered the Vocational School. As may be seen from the table the largest number of the boys were either 15 or 16 years old, with the number of 14 year old boys slightly smaller. The average age at entrance was 15.6 years and almost 80 percent of the boys were either 14, 15, or 16 years old.

Table I - Age Distribution of Total Enrollment.

AGE	14	15	16	17	18	Over 18	Total
NUMBER ENROLLED	175	211	198	83	37	18	712
PERCENT	24.3	30.0	25.0	11.6	5.3	2.7	

Age Distribution of Total Enrollment Showing Promotions and Failures.- The following table (Table II) shows the distribution of the total promotions and failures in relation to the ages at which the boys entered the Vocational School. As may be seen the percentage of promotions for the 14 year old boys averaged 80 percent, while the percentage runs higher for each older group up to 96 percent for the 18 year old boys; for boys over 18 years old it dropped to 92 percent.

Table II - Age Distribution of Total Enrollment Showing Promotions and Failures in the Vocational School.

AGE	14		15		16		17		18		Over 18	
PROMOTIONS OR FAILURES	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	270	67	375	65	365	50	164	26	80	3	33	3
PERCENT OF GROUP	80	20	85	15	88	12	86	14	96	4	92	8

Age Distribution of Those Entering as Failures Showing Promotions and Failures.- The following table (Table III) shows the distribution in relation to the ages at which they entered of the total promotions and failures of those entering as failures. The percentage of promotions for the 14 year old boys entering as failures averaged 68 percent. The percentage of promotions gradually increases up to 76 percent for the 17 year old boys, increases sharply to 90 percent for the 18 year old boys and then drops back to 73 percent

for the small number of boys over 18 years old.

Table III - Age Distribution of Total Enrollment of Those Entering as Failures Showing Promotions and Failures in the Vocational School.

AGE	14		15		16		17		18		Over 18	
PROMOTIONS OR FAILURES	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	60	28	92	36	103	31	58	18	28	3	8	3
PERCENT OF GROUP	68	32	72	28	77	23	76	24	90	10	73	27

Age Distribution of Those Entering as Promotions Showing Promotions and Failures.- The following table (Table IV) shows the distribution in relation to the ages at which they entered of the total promotions and failures of those entering as promotions. The percentage of promotions for the 14 year old boys entering as promotions averaged 84 percent. The percentage of promotions gradually increases for each successive age up to 100 percent for the 18 and over 18 year old boys.

Table IV - Age Distribution of Total Enrollment of Those Entering as Promotions Showing Promotions and Failures in the Vocational School.

AGE	14		15		16		17		18		Over 18	
PROMOTIONS OR FAILURES	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	210	39	283	29	262	19	106	8	52	-	25	-
PERCENT OF GROUP	84	16	91	8	93	7	93	7	100	-	100	-

Age Distribution Showing Promotion Percentages for Total Enrollment, Failures, and Promotions.- The

following table (Table V) shows the percentage of promotions for the total enrollment compared to the percentage of promotions of those entering as failures, and to the percentage of those entering as promotions in relation to the ages at which they entered. The percentage of promotions for the total enrollment averaged 80 percent for the 14 year old boys, while it was 68 percent for those boys who entered as failures, and 84 percent for the 14 year old boys who entered as promotions. The percentage of promotions increases for the 15, 16, 17, and 18 year old boys not only for the total enrollment, but for those entering as failures and those entering as promotions. The increases reach their highest point for the 18 year old boys where the promotions reach 96 percent for the total enrollment, 90 percent for those entering as failures, and 100 percent for those entering as promotions. For those boys who were over 18 years of age at the time of entering school the percentages are somewhat lower, with an average of 92 percent for the total enrollment; those entering as failures fell down to 73 percent promotions, while those entering as promotions averaged 100 percent promotions.

Table V - Age Distribution of Promotion Percentages for Total Enrollment Compared with Those Entering as Failures and Those Entering as Promotions.

AGES	14	15	16	17	18	Over 18
PERCENT PROMOTED OF TOTAL ENROLLMENT	80	85	88	86	96	92
PERCENT PROMOTED ENTERED AS FAILURES	68	72	77	76	90	73
PERCENT PROMOTED ENTERED AS PROMOTIONS	84	91	93	93	100	100

Age Distribution of Drop-outs.- The following table (Table VI) shows the distribution of the total drop-outs compared to the total enrolled in relation to the ages at which they entered. It may be seen that 82 percent of the total drop-outs are boys 14, 15, and 16 years old. The percentage of drop-outs for boys entering at the age of 14 years is 76 percent; the percentage gradually decreases for the 15, 16, 17, and 18 year old boys to 62 percent, while 72 percent of the boys over 18 years old drop out. The average for boys of all ages dropping out before completing the courses is 72 percent.

Table VI - Age Distribution of Drop-outs.

AGE	14	15	16	17	18	Over 18	Total
NUMBER ENTERED	175	211	188	83	37	18	712
NUMBER DROPPED	133	154	132	56	23	13	511
PERCENT OF TOTAL ENROLLMENT	26	30	26	11	4.5	2.5	100
PERCENT DROPPED	76	73	70	67	62	72	72

Age Distribution of Drop-outs Entering as Failures.-

The Following table (Table VII) shows the distribution in relation to the ages at which they entered of those drop-outs entering as failures compared to the total enrolled as failures. It may be seen that the percentage of drop-outs for those entering as failures for the 14 year old boys is 90 percent. This percentage gradually decreases for each successive age to 64 percent for the 18 year old boys. The percentage of drop-outs for the 18 year old boys is 75 percent, although only four enrolled in this group. The average percent of boys dropping out before completing the courses as compared to the total entering as failures was 84 percent.

Table VII - Age Distribution of Drop-outs Entering as Failures.

AGE	14	15	16	17	18	Over 18	Total
TOTAL ENTERED AS FAILURES	60	79	77	37	14	4	271
TOTAL DROPPED	54	68	66	28	9	3	228
PERCENT DROPPED	90	86	86	76	64	75	84

Age Distribution of Drop-outs Entering as Promotions.-

The following table (Table VIII) shows the distribution in relation to the ages at which they entered of those drop-outs entering as promotions compared to the total enrolled as promotions. It may be seen that the percentage of drop-outs for those entered as promotions is 68 percent for the 14 year old boys. The percentage for

the 15, 16, 17, and 18 year old boys gradually decreases for each successive age to 61 percent only to increase abruptly to 71 percent for the boys over 18 years of age. The average percent of boys dropping out before completing the courses as compared to the total entering as promotions was 64 percent.

Table VIII - Age Distribution of Drop-outs Entering as Promotions.

AGE	14	15	16	17	18	Over 18	Total
TOTAL ENTERED AS PROMOTIONS	115	132	111	46	23	14	441
TOTAL DROPPED	79	86	66	28	14	10	283
PERCENT DROPPED	68	66	60	61	61	71	64

Age Distribution Drop-out Percentages for Total Enrollment, Failures, and Promotions.- The following table (Table IX) shows in relation to the ages at which they entered the percentage of drop-outs for the total enrollment compared to the percentage of drop-outs entering as failures, and to the percentage of drop-outs entering as promotions. The percentage of dropouts for the total enrollment averaged 76 percent for the 14 year old boys; it was 90 percent for those boys entering as failures and 68 percent for those boys entering as promotions. The percent of dropouts gradually decreases for the boys 15, 16, 17, and 18 years of age for total enrollment, those entering as failures and those entering as promotions. For the 18 year old

boys it amounts to 62 percent for the total enrollment, 64 percent for those entering as failures and 61 percent for those entering as promotions. The percentage of dropouts for those boys over 18 years old is 72 percent for the total enrollment, 75 percent for the dropouts entering as failures and 61 percent for the dropouts entering as promotions. The average percent of dropouts for the total enrollment for all ages is 72 percent; the percent of dropouts for those entering as failures is 84 percent, and for those entering as promotions is 64 percent.

Table IX - Age Distribution Drop-out Percentages for Total Enrollment Compared with Those Dropouts Entering as Failures and Those Dropouts Entering as Promotions.

AGE	14	15	16	17	18	Over 18	Total
PERCENT DROP-OUTS OF TOTAL ENROLLMENT	76	73	70	67	62	72	72
PERCENT DROP-OUTS ENT. AS FAILURES	90	86	86	76	64	75	84
PERCENT DROP-OUTS ENT. AS PROMOTIONS	68	66	60	61	61	71	64

Age Distribution of Drop-outs Showing Promotions and Failures.- The following table (Table X) shows the distribution of total drop-outs showing total promotions and failures in relation to the ages at which they entered the Vocational School. It may be noted that for those boys who were 14 years of age at time of entrance and who dropped out that 63 percent were promotions for the terms in school. The corresponding percentages are

larger for the older boys, but the increase is not on a uniform basis. For the boys dropping out who were 18 years of age at time of entrance the percent who entered school as promotions reaches 89. The 17 year old boys made an average of 70 percent and the boys over 18 years of age averaged 80 percent.

Table X - Age Distribution of Total Drop-outs Showing Promotions and Failures in the Vocational School.

AGE	14		15		16		17		18		Over 18	
PROMOTIONS OR FAILURES	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	96	57	135	56	130	46	55	24	20	3	11	3
PERCENT OF GROUP	63	37	71	29	74	26	70	30	89	11	80	20

Age Distribution of Drop-outs Entering as Failures Showing Promotions and Failures.- The following table (Table XI) shows the distribution in relation to the ages at which they entered of the drop-outs entering as failures showing their promotions and failures while in the Vocational School. It may be noted that of those boys 14 years of age who entered as failures only 54 percent were promoted in the Vocational School.

The corresponding percentages for most of the older boys was somewhat greater reaching 65 percent for boys 16 years of age. It was, however, only 40 percent for the small group of boys 18 years of age or older.

Table XI - Age Distribution of Drop-outs Entering as Failures Showing Promotions and Failures in the Vocational School.

AGE	14		15		16		17		18		Over 18	
PROMOTIONS OR FAILURES	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	30	25	46	33	57	30	22	15	5	3	2	3
PERCENT OF GROUP	54	56	58	42	65	35	60	40	62	38	40	60

Age Distribution of Drop-outs Entering as Promotions Showing Promotions and Failures.- The following table (Table XII) shows the distribution in relation to the ages at which they entered of the drop-outs entering as promotions showing their promotions and failures while in the Vocational School. Those boys 14 years of age who entered as promotions and later dropped out of school averaged 67 percent for promotions while in the Vocational School. The 15, 16, and 17 year old boys averaged 80 percent for promotions for each group, while the 18 and over 18 year old boys averaged 100 percent for each group.

Table XII - Age Distribution of Drop-outs Entering as Promotions Showing Promotions and Failures in the Vocational School.

AGE	14		15		16		17		18		Over 18	
PROMOTIONS OF FAILURES	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	66	32	89	23	74	16	33	9	15	-	9	-
PERCENT OF GROUP	67	33	80	20	80	20	80	20	100	-	100	-

Age Distribution of Total Drop-out Percentages as Compared to Percentages of Those Drop-outs Entering as Failures and Those Entering as Promotions.- The following table (Table XIII) shows the distribution in relation to the ages at which they entered of the total number who dropped out of school before completing their courses, so as to show the percentages of those receiving promotions while in the Vocational School, both for those entering the school as failures and for those entering the school as promotions. It may be seen that those boys dropping out who entered at 14 years of age had a promotion average of 63 percent for the total enrollment, while drop-outs entering as failures had a promotion average of 56 percent, and those entering as promotions had a promotion average of 67 percent. The percent of promotions increases for the total dropouts up to and including 18 year old boys; the percentages for those boys entering as promotions increases to 100 percent. The promotions in the Vocational School for those entering as failures increases to 65 percent for those boys 16 years of age at time of entrance and then decreases for boys older than 16 years.

Table XIII - Age Distribution of Total Drop-out Percentages of Promotions Compared to Those Entering as Failures and to Those Entering as Promotions.

AGE	14	15	16	17	18	Over 18	Total
PERCENT PROMOTED TOTAL DROP-OUTS	63	71	74	70	89	80	70
PERCENT PROMOTED DROP-OUTS ENT. AS FAILURES	56	58	65	60	62	40	60
PERCENT PROMOTED DROP-OUTS ENT. AS PROMOTIONS	67	80	80	80	100	100	80

Age Distribution of Graduates.- The following table (Table XIV) shows the distribution of the total graduates in relation to the ages at which they entered the Vocational School. It may be seen that for boys who were 14 years old at time of entrance 42 out of 175 graduated, giving a total of 24 percent. This percentage of graduates increases for the 15, 16, 17, and 18 year old boys, reaching a total of 40 percent for the boys 18 years old at time of entrance. Above the 18 year old group the average drops back to 28 percent.

Table XIV - Age Distribution of Graduates.

AGE	14	15	16	17	18	Over 18	Total
TOTAL ENTERED	175	211	188	83	37	18	712
TOTAL GRADUATED	42	57	56	27	14	5	201
PERCENT GRADUATED	24	27	30	33	40	28	28

Age Distribution of Graduates Entering as Failures.-

The following table (Table XV) shows the distribution in relation to the ages at which they entered of graduates who entered the Vocational School as failures. It may be seen that for those boys who were 14 years old at time of entrance only 6 who entered as failures graduated out of an entering total of 175. This gives an average of 3.4 percent. The average for boys 15, 16, 17, and 18 years old increases up to 11 percent for the 18 year old group; and decreases for the group over 18 years old to 5.5 percent. Only 43 of a total enrollment of 712 who entered as failures graduated from the Vocational School, a total of 5 percent.

Table XV - Age Distribution of Graduates Entering as Failures.

AGE	14	15	16	17	18	Over 18	Total
TOTAL ENTERED	175	211	188	83	37	18	712
TOTAL GRADUATED	6	11	11	9	5	1	43
PERCENT GRADUATED	3.4	5.2	5.8	11	13	5.5	6

Age Distribution of Graduates Entering as Promotions.- The following table (Table XVI) shows the distribution in relation to the ages at which they entered the Vocational School of graduates entering as promotions. It may be seen that for the boys 14 years old at time of entrance 36 of a total enrollment of 175 graduated, giving an average of 21 percent. The average for boys above 14 years old runs up to 25

percent for the 18 year old group. For the total enrollment the percentage of those entering as promotions who graduated is 22 percent.

Table XVI - Age Distribution of Graduates Entering as Promotions.

AGE	14	15	16	17	18	Over 18	Total
TOTAL ENTERED	175	211	188	83	37	18	712
TOTAL GRADUATED	36	46	45	18	9	4	158
PERCENT GRADUATED	21	22	24	22	25	22	22

Age Distribution of Percentages Graduating for Total Enrollment of Those Entering as Failures and Those Entering as Promotions.- The following table (Table XVII) shows the distribution in relation to the ages at which they entered the Vocational School of the percentages of graduates for the total enrollment as compared to the percentages of graduates entering as failures and the percentages of graduates entering as promotions. It may be seen that those boys who were 14 years old at time of entrance had an average of 24 percent graduating in terms of the total enrollment, while those entering as failures had an average of 3.4 percent and those entering as promotions had an average of 21 percent. The percent of graduates increases for each successive age up to and including those boys 18 years of age at time of entrance. There is a drop for those boys over 18 years of age. The average number graduating for all groups in terms of the total enrollment

is 28 percent, while the total for those entering as failures is 6 percent compared to 22 percent for the total of those entering as promotions.

Table XVII - Age Distribution Percentages of Graduates for Total Enrollment Compared to the Percentages of Those Entering as Failures and Those Entering as Promotions.

AGES	14	15	16	17	18	Over 18	Total
TOTAL ENROLLMENT PERCENT GRADUAT.	24	27	30	33	40	28	28
ENT. AS FAILURES PERCENT GRAD.	3.4	5.2	5.8	11	13	5.5	5
ENT. AS PROM. PERCENT GRAD.	21	22	24	22	25	22	22

Age Distribution Summary of Enrollment by Trades.-

The following table (Table XVII) shows the distribution summary of the 712 boys in relation to the trades at which they entered the Vocational School. The Vocational School gives trade training in five trades. The following section gives in a compact form the facts in regard to the total enrollment in each trade relation to the number who dropped out before completing the course. It gives also the relative number of those in each trade who entered as failures or promotions and who later failed, dropped out or graduated from the Vocational School.

A total of 148 enrolled in automobile mechanics. Of this group 87 entered as promotions; 62 entered as failures, and 113, 75 percent, dropped out before completing the work. Of the 113 who dropped out, 65 entered

as promotions and 48 entered as failures.

A total of 164 entered in the machinist's trade. Of this group 100 entered as promotions; 64 entered as failures, and 111, 67 percent, dropped out before completing the work. Of the 111 who dropped out, 54 entered as promotions and 57 entered as failures.

A total of 127 enrolled in the electric trade. Of this group 87 entered as promotions; 40 entered as failures, and 91, 71 percent, dropped out before completing the work. Of the 91 who dropped out, 58 entered as promotions and 33 entered as failures.

A total of 119 enrolled in the mill-cabinet makers trade. Of this group 69 entered as promotions; 50 entered as failures, and 89, 74 percent, dropped out before completing the work. Of the 89 who dropped out, 46 entered as promotions and 43 entered as failures.

Table XVIII- Age Distribution Summary of Enrollment by Trades.

	AUTOMOBILE MECHANICS	MACHINISTS	ELECTRICIANS	MILL-CABINET MAKERS	PRINTERS
NUMBER ENTERING AS FAILURES	62	64	40	50	55
NUMBER ENTERING AS PROMOTIONS	87	100	87	69	98
TOTAL ENTERING TRADE COURSE	149	164	127	119	153
NO. DROP-OUTS ENT. AS FAILURES	49	57	33	43	46
NO. DROP-OUTS ENT. AS PROMOTIONS	64	54	58	46	61
TOTAL DROP-OUTS	113	111	91	89	107
NUMBER GRADUATES ENT. AS FAILURES	13	7	7	7	9
NUMBER GRADUATES ENT. AS PROMOTIONS	23	46	29	23	37
TOTAL GRADUATING	36	53	36	30	46

A total of 153 enrolled in the printing trade. Of this group 97 entered as promotions; 56 entered as failures, and 107, 70 percent, dropped out before completing the work. Of the 107 who dropped out, 60 entered as promotions and 47 entered as failures.

Age Distribution Summary of Total Enrollment.--

The following table (Table XIX) shows the distribution summary of the 712 boys in relation to the ages at which they entered the Vocational School.

It may be seen in the "total" column that of the 712 enrolled 38 percent entered as failures and 62 per-

as promotions. Of the 271 entering as failures 84 percent dropped out; of the 441 entering as promotions 64 percent dropped out. It is a significant fact that 20 percent more dropped out who entered as failures than those who entered as promotions for the total enrollment.

Table XIX - Age Distribution Summary of Total Enrollment.

	AGE AT ENTRANCE												Total	
	14		15		16		17		18		Over 18			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
NUMBER ENTERED AS FAILURES	60	34	79	37	77	41	37	44	14	38	4	22	271	38
NUMBER ENTERED AS PROMOTIONS	115	66	132	63	111	59	46	56	23	62	14	78	441	62
TOTAL ENTERED	175		211		188		83		37		18		712	
NUMBER DROP-OUTS ENT. AS FAILURES	54	90	68	86	66	86	28	76	9	64	3	75	228	84
NUMBER DROP-OUTS ENT. AS PROMOTIONS	79	68	86	66	66	60	28	61	14	61	10	71	283	64
TOTAL DROPPED	133	76	154	73	132	70	56	67	23	62	13	72	511	72
TOTAL GRADUATES ENT. AS FAILURES	6	3	11	5	11	5	9	11	5	13	1	5	43	6
TOTAL GRADUATES ENT. AS PROMOTIONS	36	21	46	22	45	24	18	22	9	25	4	22	158	22
TOTAL GRADUATED	42	24	57	27	56	30	27	33	14	40	5	28	201	28

A total of 201 graduated from the total enrollment, a total of 28 percent. Of this 28 percent graduating 6 percent entered as failures and 22 percent entered as promotions. This gives a ratio of nearly four to one in favor of those entering as promotions over those entering as failures.

Under the column for those boys 14 years of age at time of entrance, it may be seen that a total of 175 enrolled. Of this number 34 percent entered as failures and 66 percent entered as promotions. A total of 76 percent of the total enrolled dropped. Of the total of 60 entering as failures, 90 percent dropped. Of the total of 115 entering as promotions, 68 percent dropped; thus it may be seen that 22 percent more dropped out who entered as failures than those who entered as promotions.

A total of 42 graduated who were 14 years of age at time of entrance, a total of 24 percent. Of this 24 percent graduating 3.4 percent entered as failures and 21 percent entered as promotions. This gives a ratio of about six to one in favor of those entering as promotions over those entering as failures.

Under the column for those boys 15 years of age at time of entrance it may be seen that a total of 211 enrolled. Of this number 37 percent enrolled as failures and 63 percent as promotions. A total of 73 percent of the total enrolled dropped. Of the total

of 79 entering as failures 86 percent dropped. Of the total of 132 entering as promotions 66 percent dropped; thus it may be seen that 20 percent more dropped out who entered as failures than those who entered as promotions.

A total of 57 graduated who were 15 years old at time of entrance, a total of 27 percent. Of this 27 percent graduating, 5.2 percent entered as failures and 24 percent entered as promotions. This gives a ratio of four to one in favor of those entering as promotions over those entering as failures.

Under the column for those boys 16 years of age at time of entrance it may be seen that a total of 188 enrolled. Of this number 41 percent enrolled as failures and 59 percent enrolled as promotions. A total of 70 percent of the total enrolled dropped. Of the total of 77 entering as failures 86 percent dropped. Of the total of 111 entering as promotions 60 percent dropped; thus it may be seen that 26 percent more dropped out who entered as failures than those who entered as promotions.

A total of 56 graduated who were 16 years old at time of entrance, a total of 30 percent. Of this 30 percent graduating, 5.8 entered as failures and 24 percent entered as promotions. This gives a ratio of four to one in favor of those entering as promotions over those entering as failures.

A survey of the table shows that for the boys 17 years of age at time of entrance there is a better

showing on all the factors studied, although the number to enroll in this group is less than half of any of the younger groups.

Boys 18 years of age at time of entrance make an even better showing than the 17 year old group, but the number enrolled is too few to give reliable data.

Boys over 18 years of age are still fewer in number.

The conclusion drawn from the study of the different factors in relation to age is that boys should be 16 years old at time of entrance to the Vocational School because of the large number dropping out and failing below this age. Special consideration should be given those boys who come as promotions with better than average grades. It has been brought out in this chapter that the ratio is more than four to one for graduates entering as promotions over those entering as failures. An average of 20 to 26 percent more dropped out who entered as failures than those who entered as promotions.

It has also been shown that there is a minimum difference of 16 percent in promotions in the Vocational School in favor of those entering as promotions over those entering as failures.

CHAPTER III

A COMPARISON OF STUDENTS ENROLLED IN THE FORT WORTH VOCATIONAL SCHOOL AS TO THEIR PROGRESS IN RELATION TO THEIR GRADES COMPLETED AT ENTRANCE.

The present chapter presents a discussion of the relation of grades completed at entrance to certain specific factors related to success or failure in the Vocational School. This relation will be given not only for the school as a whole but also for each of the trades for which preparation is given.

Grade Completed Distribution of Total Enrollment.-

The following table (Table XX) shows the distribution of the 712 boys of the present investigation in relation to the grades completed at which they entered the Vocational School. As may be seen from the table the largest number of boys had completed the sixth and seventh grades. The number completing less than the sixth and eighth grades is about half the number of those completing the sixth and seventh grades. The average grade completed at entrance was 6.7, and 92 percent of the boys entering the Vocational School had completed less than the ninth grade.*

*Texas schools have the 11 grade plan, whereas many states have the 12 grade plan.

Table XX - Grade Completed Distribution of Total Enrollment.

GRADE COMPLETED	Under 6	6	7	8	9	10	11 .	Total
NUMBER ENROLLED	116	195	241	101	36	16	7	712
PERCENT	16	27	34	14	5	2	1	

Grade Completed Distribution of Total Enrollment Showing Promotions and Failures.- The following table (Table XXI) shows the distribution in relation to the grades completed at which they entered of the total promotions and failures while in the Vocational School. As may be seen the promotions for those boys completing less than the sixth grade averaged 56 percent; this increased to 76 percent for the boys completing the sixth grade; the average rose to 92 to 100 percent for those completing more than the sixth grade.

Table XXI - Grade Completed Distribution of Total Enrollment Showing Promotions and Failures in the Vocational School.

GRADE COMPLETED	Under 6		6		7		8		9		10		11	
PROMOTIONS OR FAILURES	P	F	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER ENROLLED	97	75	274	86	505	44	265	10	103	5	33	2	8	-
PERCENT OF GROUP	56	44	76	24	92	8	96	4	95	5	95	5	100	-

Grade Completed Distribution of Those Entering as Failures Showing Promotions and Failures.- The following table (Table XXII) shows the distribution,

in relation to the grades completed at which they entered, of the total promotions and failures while in the Vocational School of those entering the school as failures. The percentage of promotions for those under the sixth grade entering as failures averaged 47 percent, while for those boys completing the sixth grade the average increased to 62 percent. For those boys completing the seventh, eighth and ninth grades the average rose to 83, 91 and 91 percent, respectively. Only one entered as a failure having completed the tenth grade, and none having completed the eleventh grade.

Table XXII - Grade Completed Distribution of Total Enrollment of Those Entering as Failures Showing Promotions and Failures in the Vocational School.

GRADE COMPLETED	Under 6		6		7		8		9		10		11	
	P	F	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	34	38	67	49	150	30	78	8	22	2	-	1	-	-
PERCENT OF GROUP	47	53	62	38	83	17	91	9	91	1	-	100	-	-

Grade Completed Distribution of Those Entering as Promotions Showing Promotions and Failures.- The following table (Table XXIII) shows the distribution in relation to the grades completed at which they entered, of the total promotions and failures while in the Vocational School of those entering as promotions.

The percentage of promotions for those under the sixth grade entering as promotions averaged 68 percent, while for those completing the sixth grade the average was 82 percent. Those completing the seventh through the eleventh grade averaged from 96 to 100 percent promotions.

Table XXIII - Grade Completed Distribution of Total Enrollment of Those Entering as Promotions Showing Promotions and Failures in the Vocational School.

GRADE COMPLETED	Under 6		6		7		8		9		10		11	
PROMOTION OR FAILURE	P	F	P	F	P	F	P	F	P	F	P	F	P	F
NUMBER INVOLVED	65	30	207	46	355	13	187	2	81	3	33	1	10	-
PERCENT OF GROUP	68	32	82	18	96	4	98	2	96	4	97	3	100	-

Grade Completed Distribution Showing Promotion Percentages for Total Enrollment, Failures and Promotions.- The following table (Table XXIV) shows the distribution in relation to the grades completed at which they entered of the percentage of promotions for the total enrollment compared to the percentage of promotions while in the Vocational School of those entering the school as failures and to the percentage of promotions of those entering as promotions. The percentage of promotions for the total enrollment averaged 56 percent for the boys completing less than the sixth grade, while it was 47 percent for those boys

who entered as failures, and 68 percent for those boys who entered as promotions. The percentage of promotions increases for the boys completing the sixth, seventh, eighth and ninth grades for the total enrollment, for those entering as failures and for those entering as promotions. The groups completing the tenth and eleventh grades are too small for their percentages to be significant.

Table XXIV - Grade Completed Distribution Promotions Percentages for Total Enrollment Compared with Those Entering as Failures and Those Entering as Promotions.

GRADE COMPLETED	Under 6	6	7	8	9	10	11
PERCENT PROMOTED OF TOTAL ENROLLMENT	56	76	92	96	95	95	100
PERCENT PROMOTED ENTERED AS FAILURES	47	62	83	91	91	-	-
PERCENT PROMOTED ENTERED AS PROMOTIONS	68	82	96	98	96	97	100

Grade Completed Distribution of Drop-outs.- The following table (Table XXV) shows the distribution of in relation to the grades completed at which they entered of the total drop-outs compared to the total enrolled. It may be seen that 77 percent of the total dropouts are boys who have completed less than the sixth, or who have completed the sixth and seventh grades. The percentage of drop-outs for boys completing less than the sixth grade is 94 percent, and for those completing the sixth and seventh grades is

80 percent and 68 percent respectively. For those completing the eighth, ninth, and tenth grades the number is approximately 50 percent. Very few entered who had completed the eleventh grade most of whom dropped out. The average drop-out for the total enrollment is 72 percent.

Table XXV - Grade Completed Distribution of Drop-outs.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
NUMBER ENTERED	116	195	241	101	36	16	7	712
NUMBER DROPPED	107	156	164	55	15	9	5	511
PERCENT OF TOTAL ENROLLMENT	16	27	34	14	5	2	1	-
PERCENT DROPPED	94	80	68	54	42	56	70	72

Grade Distribution of Drop-outs Entering as Failures.- The following table (Table XXVI) shows the distribution in relation to the grades completed at which they entered of those dropping out of the Vocational School before completing the courses and who/as failures compared to the total number who entered as failures. It may be seen that the percentage of drop-outs for those entering as failures for the boys completing less than the sixth grade is 96 percent. This percentage decreases from 89 to 55 percent for those boys completing the sixth grade through to those completing the ninth grade. Only two entered as failures who had completed the tenth grade; and both dropped out. None

entered as failures who had completed the eleventh grade. The number dropping out compared to the total enrollment of those entering as failures was 84 percent.

Table XXVI - Grade Completed Distribution of Drop-outs Entering as Failures.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
TOTAL ENTERED AS FAILURES	56	73	101	30	9	2	-	271
TOTAL DROPPED	54	65	85	17	5	2	-	228
PERCENT DROPPED	96	89	84	57	55	100	-	84

Grade Completed Distribution of Drop-outs Entering as Promotions.- The following table (Table XXVII) shows the distribution in relation to the grades completed at which they entered of those drop-outs entering as promotions compared to the total enrolled as promotions. It may be seen that the percentage of drop-outs for those who entered as promotions is 88 percent for the boys completing less than the sixth grade. This percentage of drop-outs gradually decreases for each successive grade completed until it reaches 37 percent for those completing the ninth grade. The enrollment of those completing the tenth and eleventh grades is too small for their results to be significant. The total number dropping out for all grades of those entering as promotions is 64 percent.

Table XXVII - Grade Completed Distribution of Drop-outs Entering as Promotions.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
TOTAL ENTERED AS PROMOTIONS	69	122	140	71	27	14	7	441
TOTAL DROPPED	53	91	79	38	10	7	5	283
PERCENT DROPPED	88	74	56	53	37	50	71	64

Grade Completed Distribution of Drop-out Percentages as Related to Total Enrollment, Failures and Promotions.- The following table (Table XXVIII) shows the percentage of drop-outs for the total enrollment compared to the percentage of drop-outs entering as failures, and to the percentage of drop-outs entering as promotions in relation to the grades completed at which they entered. The percentage of drop-outs for the total enrollment averaged 92 percent for those boys completing less than the sixth grade, while the group entering as failures averaged 96 percent, and those entering as failures averaged 88 percent. The percentage of drop-outs completing the sixth, seventh, eighth and ninth grades gradually decreases to 42 percent for the total enrollment, 55 percent for those entering as failures, and 37 percent for those entering as promotions. The total for all drop-outs is 72 percent, 84 percent for those entering as failures and 64 percent for those entering as promotions.

Table XXVIII - Grade Completed Distribution Drop-out Percentages for Total Enrollment Compared with Those Dropouts Entering as Failures and Those Drop-outs Entering as Promotions.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	T
PERCENT DROP-OUTS OF TOTAL ENROLLMENT	92	80	68	54	42	56	70	72
PERCENT DROP-OUTS ENTERED AS FAILURES	96	89	84	57	55	100	-	84
PERCENT DROP-OUTS ENTERED AS PROMOTIONS	88	74	56	53	37	50	71	64

Grade Completed Distribution of Drop-outs Showing Promotions and Failures.- The following table (Table XXIX) shows the distribution of total drop-outs showing total promotions and failures in relation to the grades completed at which they entered the Vocational School. It may be noted that for those boys who dropped out and of those completing less than the sixth grade at time of entrance that 48 percent were promoted for the terms in the Vocational School. Similarly for those completing the sixth grade at time of entrance 61 percent were promoted. Those drop-outs completing the eighth and ninth grades made an average of 82 and 90 percent in promotions respectively. For the higher grades the percent of promotions drops with the single exception of those completing the eleventh grade, only two of whom were enrolled.

Table XXIX - Grade Completed Distribution of Total Drop-outs Showing Promotions and Failures in the Vocational School.

GRADE COMPLETED	Under 6		6		7		8		9		10		11	
PROMOTION OR FAILURE	P.	F.	P.	F.	P.	F.	P.	F.	P.	F.	P.	F.	P.	F.
NUMBER INVOLVED	59	64	110	70	181	40	73	8	18	5	5	2	2	-
PERCENT OF GROUP	48	52	61	39	82	18	90	10	68	22	70	30	100	-

Grade Completed Distribution of Drop-outs Entering as Failures Showing Promotions and Failures.- The following table (Table XXX) shows the distribution of drop-outs entering as failures showing promotions and failures in relation to the grades completed at which they entered the Vocational School. It may be noted that those boys completing less than the sixth grade and entering as failures averaged 40 percent for promotions, and those completing the sixth averaged 49 percent. The averages for those boys completing the seventh, eighth and ninth grades were 73, 78 and 75 percent promotions respectively.

Table XXX - Grade Completed Distribution of Drop-outs Entering as Failures Showing Promotions and Failures in the Vocational School.

GRADE COMPLETED	Under 6		6		7		8		9		10		11	
PROMOTIONS OR FAILURES	P.	F.	P.	F.	P.	F.	P.	F.	P.	F.	P.	F.	P.	F.
NUMBER INVOLVED	24	38	31	33	79	29	22	6	6	2	-	1	-	-
PERCENT OF GROUP	40	60	49	51	73	27	78	22	75	25	-	100	-	-

Grade Completed Distribution of Drop-outs Entering as Promotions Showing Promotions and Failures.- The following table (Table XXXI) shows the distribution in relation to the grades completed at which they entered the Vocational School of drop-outs entering as promotions in relation to their promotions and failures. It may be noted that those boys completing less than the sixth grade averaged 57 percent for promotions, while those completing the sixth grade averaged 68 percent. Those drop-outs entering as promotions having completed the seventh, eighth and ninth grades made averages of 90, 98 and 80 percent respectively. The number having completed the tenth and eleventh grades was quite small.

Table XXXI - Grade Completed Distribution of Drop-outs Entering as Promotions Showing Promotions and Failures in the Vocational School.

GRADE COMPLETED PROMOTION OR FAILURE	Under 6		6		7		8		9		10		11	
	P	F	P	F	P	F	P	F	P	F	P	F	P	F.
NUMBER INVOLVED	35	26	79	37	102	11	51	2	12	3	5	1	2	-
PERCENT OF GROUP	57	43	68	32	90	10	98	2	80	20	83	17	100	-

Grade Completed Distribution of Total Drop-outs Percentages as Compared to Percentages of Those Drop-outs Entering as Failures and Those Entering as Promotions.- The following table (Table XXXII) shows the distribution in relation to the grades completed at the

time they entered the Vocational School of the total drop-outs percentages of promotions compared to the percentages of promotions of those drop-outs entering as failures and to the percentages of promotions of those drop-outs entering as promotions. It may be seen that boys dropping out who had completed less than the sixth grade had a promotion average of 48 percent for the total enrollment, while drop-outs entering as failures had a promotion average of 40 percent, and those entering as promotions had a promotions average of 57 percent. The average for all drop-outs for promotions increases up through the eighth grade not only for the total enrollment but for those entering as failures and those entering as promotions. The percentages fall for those entering who had completed more than the eighth grade, but the enrollment is too small to be representative.

Table XXXII - Grade Completed Distribution of Total Drop-out Percentages of Promotions Compared to Those Entering as Failures and to Those Entering as Promotions.

GRADE COMPLETED	Under							T
	6	6	7	8	9	10	11	
PERCENT PROMOTED TOTAL DROP-OUTS	48	61	82	90	78	70	100	70
PERCENT PROMOTED DROP-OUTS ENT. FAIL.	40	49	73	78	75	-	-	67
PERCENT PROMOTED DROP-OUTS ENT. PROM.	57	68	90	98	80	83	100	78

Grade Completed Distribution of Graduates.- The following table (Table XXXIII) shows the distribution of the total graduates in relation to the grades completed at which they entered the Vocational School. It may be seen that for boys graduating who had completed less than the sixth grade at time of entrance that of the 116 entered only 9 graduated, a total of 8 percent; and of the 195 entered who had completed the sixth grade 39 graduated, a total of 19 percent. The total graduates who had completed the seventh, eighth and ninth grades, runs 32, 45 and 60 percent respectively. The percentage for those completing the tenth and eleventh grades drops to 44 and 30 percent respectively. For the total enrollment of 712, 201 graduated, a total of 28 percent.

Table XXXIII - Grade Completed Distribution of Graduates.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
TOTAL ENTERED	116	195	241	101	36	16	7	712
TOTAL GRADUATED	9	39	77	46	21	7	2	201
PERCENT GRADUATED	8	19	32	45	60	44	30	28

Grade Completed Distribution of Graduates Entering as Failures.- The following table (Table XXXIV) shows the distribution of graduates entering as failures in relation to the grades completed at which they

entered the Vocational School. It may be seen that for those boys entering as failures who completed less than the sixth grade, only 2 graduated of the 116 enrolled, an average of 2 percent. The percentages for those completing the sixth and seventh grades had a total of 4 and 6 percent respectively. The highest percentage, that of 13 percent, was for those who had completed the eighth grade at time of entrance. Only 6 percent graduated of the 72 enrolled who entered as failures.

Table XXXIV - Grade Completed Distribution of Graduates Entering as Failures.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
TOTAL ENTERED	116	195	241	101	36	16	7	712
TOTAL GRADUATED	2	8	16	13	4	-	-	43
PERCENT GRADUATED	2	4	6	13	11	-	-	6

Grade Completed Distribution of Graduates who Entered as Promotions.- The following table (Table XXXV) shows the distribution of graduates entering as promotions in relation to the grades completed at which they entered the Vocational School. It may be seen that for the boys completing less than the sixth grade 7 of a total enrollment of 116 graduated, giving an average of 6 percent. The average for those completing the grades up through the ninth grade runs to 47 percent graduating. Those completing the tenth

grade have an average of 45 percent graduating. The average number graduating out of the total who entered the school as promotions was 22 percent.

Table XXXV - Grade Completed Distribution of Graduates Entering as Promotions.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
TOTAL ENTERED	116	195	241	101	36	16	7	712
TOTAL GRADUATED	7	31	61	33	17	7	2	158
PERCENT GRADUATED	6	16	25	33	47	45	30	22

Grade Completed Distribution Percentages Graduating for Total Enrollment, Entering as Failures, Entering as Promotions.- The following table (Table XXXVI) shows in relation to the grades completed at which they entered the Vocational School the distribution percentages graduated for the total enrollment as compared to the percentages of graduates who entered the school as failures and to the percentages of graduates who entered as promotions. It may be seen that those boys who had completed less than the sixth grade upon entering had a total of 8 percent to graduate out of the total enrollment; while of that same number ^{those} entering as failures had a total of 2 percent, and those entering as promotions had a total of 6 percent. The percent of graduates increases for each successive grade completed up to and including the ninth grade,

except for the single situation of those entering as failures for the ninth grade who dropped slightly in percent. Those entering as promotions in the tenth and eleventh grade groups had a rather high percent of graduates, while those entered as failures failed to graduate any. Of the 28 percent of the total enrollment who graduated, 6 percent entered as failures, and 22 percent entered as promotions.

Table XXXVI - Grade Completed Distribution Percentages of Graduates for Total Enrollment Compared to the Percentages of Those Entering as Failures and Those Entering as Promotions.

GRADE COMPLETED	Under 6	6	7	8	9	10	11	Total
TOTAL ENROLLMENT PERCENT GRADUATED	8	19	32	45	60	44	30	28
ENT. AS FAILURES PERCENT GRADUATED	2	4	6	13	11	-	-	6
ENT. AS PROMOTIONS PERCENT GRADUATED	6	16	25	33	47	45	30	22

Trade Summary Parallels Total Enrollment Summary.-

Near the end of Chapter II a summing up of the totals for the factors dealt with for the total enrollment was given for each of the trades taught in the Vocational School. For the purposes of the present section the data for each trade were not broken down so as to show the facts for the different ages at time of entrance and grade completed at time of entrance because it was found that each of the trades showed about the same

thing as is shown for the school as a whole.

Grade Completed Distribution Summary of Total Enrollment.- The following table (Table XXXVII) shows the distribution summary of the 712 boys in relation to the grades completed at which they entered the Vocational School.

It may be seen in the "total" column that of the 712 enrolled, 38 percent entered as failures, and 62 percent as promotions. Of the total number entering 72 percent dropped before graduating. Of the 271 entering as failures 84 percent dropped. Of the 441 entering as promotions 64 percent dropped. It is a significant fact that 20 percent more dropped out who entered as failures than those who entered as promotions for the total enrollment.

A total of 201 graduated from the total enrollment, a total of 28 percent. Of this 28 percent graduating 6 percent entered as failures and 22 percent entered as promotions. This gives a ratio of nearly four to one in favor of those entering as promotions over those entering as failures.

Under the column for those boys completing less than the sixth grade at time of entrance it may be seen that a total of 116 enrolled. Of this number 48 percent entered as failures and 52 percent as promotions. A total of 94 percent of the total enrolled

Table XXXVII - Grade Completed Distribution Summary of Total Enrollment.

	GRADE COMPLETED AT ENTRANCE														Total	
	Under 6		6		7		8		9		10		11			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No..	%
NUMBER ENTERED AS FAILURES	56	48	73	37	101	42	30	30	9	25	2	12	-	-	271	38
NUMBER ENTERED AS PROMOTIONS	60	52	122	63	140	58	71	70	27	75	14	88	7	100	441	72
TOTAL ENTERED	116	-	195	-	241	-	101	-	36	-	16	-	7	-	712	-
NUMBER DROP-OUTS ENT. AS FAILURES	54	96	65	89	85	84	17	57	5	55	2	100	-	-	228	84
NUMBER DROP-OUTS ENT. AS PROMOTIONS	53	88	91	74	79	56	38	53	10	37	7	50	5	71	283	64
TOTAL DROPPED	107	97	156	80	164	68	55	54	15	42	9	56	5	71	511	72
NUMBER GRADUATES ENT. AS FAILURES	2	2	8	4	16	6	13	13	3	11	-	-	-	-	43	6
NUMBER GRADUATES ENT. AS PROMOTIONS	7	6	31	16	61	25	33	33	17	47	7	45	2	30	158	22
TOTAL GRADUATED	9	8	39	19	77	32	46	45	21	60	7	44	2	30	201	28

dropped. Of the total of 56 entering as failures 96 percent dropped. Of the total of 60 entering as promotions 88 percent dropped; thus it may be seen that 8 percent more dropped out who entered as failures than those who entered as promotions.

A total of 8 percent graduated who had completed less than the sixth grade. Of this 8 percent graduating 2 percent entered as failures and 6 percent as promotions. This gives a ratio of more than three to one in favor of those entering as promotions over those entering as failures.

Under the column for those boys completing the sixth grade at time of entrance it may be seen that a total of 195 enrolled. Of this number 37 percent enrolled as failures and 63 percent as promotions. A total of 80 percent of the total enrolled dropped. Of the total of 73 entering as failures 89 percent dropped. Of the total of 122 entering as promotions 74 dropped; thus it may be seen that 15 percent more dropped out who entered as failures than those who entered as promotions.

A total of 39 graduated who had completed the sixth grade at time of entrance, a total of 19 percent. Of this 19 percent graduating, 4 percent entered as failures and 16 percent entered as promotions. This gives a ratio of four to one in favor of those entering as

promotions over those entering as failures.

Under the column for those boys who had completed the seventh grade at time of entrance it may be seen that a total of 241 enrolled. Of this number 42 percent enrolled as failures and 58 percent enrolled as promotions. A total of 68 percent of those enrolled dropped. Of the total of 101 entering as failures 84 percent dropped. Of the total of 140 entering as promotions 56 percent dropped; thus it may be seen that 28 percent more dropped out who entered as failures than those who entered as promotions.

A total of 77 graduated who had completed the seventh grade at time of entrance, a total of 32 percent. Of this 32 percent graduating, 6 percent entered as failures and 25 percent entered as promotions. This gives a ratio of about four to one in favor of those entering as promotions over those entering as failures.

A survey of the table shows that for the boys who had completed the eighth grade at time of entrance there is a better showing in all the factors studied, although the number to enroll in this group is less than half of those groups who had completed the sixth and seventh grades.

Boys enrolled who had completed the ninth and tenth grades make an even better showing but the

number enrolled is too few to give reliable data.

Only seven had completed the eleventh grade.

The conclusion drawn from the study of the different factors in relation to the grades completed at time of entrance is that boys should have completed the seventh grade at time of entrance to the Vocational School because of the large number dropping out and failing below this grade. Special consideration should be given those boys who come with better than average grades. It has been brought out in this chapter that the ratio is more than four to one for graduates entering as promotions over those entering as failures. An average of 8 to 28 percent more dropped out who entered as failures than those who entered as promotions.

It has also been shown that there is a maximum difference of 21 percent in promotions in the Vocational School in favor of those entering as promotions over those entering as failures.

CHAPTER IV

GENERAL SUMMARY AND CONCLUSION

General Summary.- From the day the Fort Worth Vocational School was opened as a day trade school many boys enrolled who were not qualified to take the work. Many of these boys had been failures in the Vocational School by principals and teachers in the academic schools on the theory that if they could not master the academic subjects they could learn a trade.

The Smith-Hughes Act, under which the school is operated, sets up the requirement that boys coming under such training must be 14 years of age or older. With 14 thus set as a minimum entering age there was a wide divergence in the actual ages of those who did enter. There were boys who had completed only the fifth grade; there were others who were high school graduates. The Smith-Hughes Act also sets up the requirement that those entering must be able to "profit by the instruction." As the Vocational authorities had no means of determining which ones could profit by the instruction many boys entered only to find they could not accomplish the work and dropped out. Others remained only to fail for one or more times and then drop out.

There may be presumed to be some measurable relation between the entering age and successful ac-

complishment of vocational school work as indicated by graduation. There may also be presumed to be some relation between previous success or failure in school and success or failure in the Vocational School.

The objective of the present study has been to diagnose the situation in order to determine the optimum basis for entrance to the Vocational School based upon certain factors such as those of age at entrance and previous school success or failure that have to do with the success or failure of those boys who enter the school.

It is expected that one outcome of the present study shall be that better guidance may be given to prospective students by the principals and teachers in the Fort Worth Public Schools, that they may know what the chances for success in the Vocational School are for those boys who come to them for advice, and for those whom they voluntarily advise concerning transferring to the Vocational School.

The average age at entrance was 15.6 years and the average grade completed at entrance was 6.7 for the total enrollment of 712 boys. A total of 92 percent of the boys were either 14, 15, 16 or 17 years old and 92 percent had completed less than the ninth grade at the time they entered the Vocational School. For this reason no consideration will be given in this summary to those boys, 18 and over 18 years old, or those who

had completed the ninth, tenth, and eleventh grades.

Summing up for the total enrollment based upon age at entrance and grade completed at entrance it is found that of the 712 boys enrolled 38 percent entered as failures, 62 percent as promotions. A total of 511 dropped before graduating, an average of 72 percent. Of the 271 entering as failures, 84 percent dropped. Of the 441 entering as promotions 64 percent dropped; thus it may be seen that 20 percent more dropped out who entered as failures than those who entered as promotions, for the total enrollment.

A total of 201 graduated from the total of 712 enrolled, an average of 28 percent. Of this 28 percent graduating 6 percent entered as failures and 22 percent entered as promotions, a ratio of about four to one in favor of those entering as promotions.

It has been shown that 80 percent of the total enrollment of the 14 year old group were promoted, while only 56 percent of the total enrollment who had completed less than the sixth grade were promoted in the Vocational School. A total of 76 percent of the 14 year old group and 94 percent of those completing less than the sixth grade dropped. An average of 63 and 48 percent dropped were promoted, with an average of 24 and 8 percent graduating.

Of those 14 year old boys and those completing less than the sixth grade who entered as failures,

68 and 47 percent, respectively, were promoted in the Vocational School. An average of 90 and 96 percent, respectively, dropped from each group. The average of promotions for those dropped in each respective group was 56 and 40 percent, while the percent to graduate was 3.4 and 2 percent.

Those boys 14 years old and those completing less than the sixth grade who entered as promotions made averages of promotions of 84 and 68 percent, respectively, in the Vocational School. An average of 68 and 88 percent, respectively, dropped from each group. The average of promotions for those dropped in each respective group was 67 and 57 percent, while the percent of graduation was 20 and 6 percent, respectively.

It is revealed by the investigation of the group 14 years old and the group completing less than the sixth grade that for each respective group there is a difference of 16 and 21 percent, respectively, in promotions in the Vocational School in favor of those entering as promotions over those entering as failures. For each group the percentage of drop-outs is 22 and 8 percent more for those entering as failures than those entering as promotions. Those entering as promotions who drop out have a greater percentage of promotions in the Vocational School by the averages of 11 and 17 percent than those entering as failures, and the ratio of graduation is 5 to 1 and 3 to 1, respectively, in

favor of those entering as promotions over those entering as failures.

It has been shown that 85 percent of the total enrollment of the 15 year old group were promoted, while only 76 percent of the total enrollment who had completed the sixth grade were promoted in the Vocational School. A total of 73 percent of the 15 year old group and 80 percent of those completing the sixth grade dropped. An average of 71 and 61 percent dropped were promoted with an average of 27 and 19 percent graduating.

Of those 15 year old boys and those completing the sixth grade who entered as failures, 72 and 73 percent, respectively, were promoted in the Vocational School. An average of 86 and 89 percent, respectively, dropped from each respective group. The average of promotions for those dropped in each respective group was 58 and 49 percent, while the percent to graduate was 5.2 and 4 percent.

Those boys 15 years old and those completing the sixth grade who entered as promotions, made averages of promotions of 91 and 82 percent, respectively, in the Vocational School. An average of 66 and 74 percent, respectively, dropped from each group. The average of promotions for those dropped in each respective group was 80 and 68 percent, while the percent to graduate was 22 and 16 percent, respectively.

It is revealed by the investigation of the group 15 years old and the group completing the sixth grade that for each respective group there is a difference of 19 and 9 percent, respectively, in promotions in the Vocational School in favor of those entering as promotions over those entering as failures. For each group the percentage of drop-outs is 20 and 15 percent more for those entering as failures than those entering as promotions. Those entering as promotions who drop out have a greater percent of promotions in the Vocational School by the averages of 22 and 19 percent than those entering as failures, and the ratio of graduation is 4 to 1 and 4 to 1, respectively, in favor of those entering as promotions over those entering as failures.

It has been shown that 88 percent of the total enrollment of the 16 year old group were promoted, while 92 percent of the total enrollment who had completed the seventh grade were promoted in the Vocational School. A total of 70 percent of the 16 year old group and 68 percent of those completing the seventh grade dropped. An average of 74 and 82 percent dropped were promoted; with an average of 30 and 32 percent graduating.

Of those 16 year old boys and those completing the seventh grade who entered as failures, 77 and 83 percent, respectively, were promoted in the Vocational School. An average of 86 and 84 percent, respectively, dropped

from each respective group. The average of promotions for those dropped in each respective group was 65 and 73 percent, while the percent to graduate was 5.8 and 6 percent.

Those 16 years old and those completing the seventh grade who entered as promotions made averages of promotions of 93 and 96 percent, respectively, in the Vocational School. An average of 60 and 56 percent, respectively, dropped from each group. The average of promotions for those dropped in each respective group was 80 and 90 percent, while the percent to graduate was 24 and 25 percent, respectively.

It is revealed by the investigation of the group 16 years old and the group completing the seventh grade that for each respective group there is a difference of 16 and 13 percent, respectively, in promotions in the Vocational School in favor of those entering as promotions over those entering as failures. For each group the percentage of drop-outs is 26 and 28 percent more for those entering as failures than for those entering as promotions. Those entering as promotions who drop out have a greater percent of promotions in the Vocational School by the averages of 15 and 17 percent than those entering as failures, and the ratio of graduation is 4 to 1 and 4 to 1, respectively, in favor of those entering as promotions over those entering as failures.

It has been shown that 86 percent of the total enrollment of the 17 year old group were promoted, while 96 percent of the total enrollment who had completed the eighth grade were promoted in the Vocational School. A total of 67 percent of the 17 year old group and 54 percent of those completing the eighth grade dropped. An average of 70 and 90 percent dropped were promoted; with an average of 33 percent and 45 percent graduating.

Of those 17 year old boys and those completing the eighth grade who entered as failures, 76 and 91 percent, respectively, were promoted in the Vocational School. An average of 76 and 57 percent, respectively, dropped from each respective group. The average promotions for those dropped in each respective group was 60 and 78 percent, while the percent to graduate was 11 and 13 percent.

Those 17 year old boys and those completing the eighth grade who entered as promotions made averages of promotions of 93 and 98 percent, respectively, in the Vocational School. An average of 61 and 53 percent, respectively, dropped from each group. The average of promotions for those dropped in each respective group was 80 and 78 percent, while the percent to graduate was 22 and 33 percent, respectively.

It is revealed by the investigation of the group 17 years old and the group completing the eighth grade that for each respective group there is a difference

of 17 and 7 percent, respectively, in promotions in the Vocational School in favor of those entering as promotions over those entering as failures. For each group the percentage of drop-outs is 15 and 4 percent more for those entering as failures than those entering as promotions. Those entering as promotions who drop out have a greater percent of promotions in the Vocational School by the averages of 20 and 0 percent than those entering as failures, and the ratio of graduation is 2 to 1 and 2.5 to 1, respectively, in favor of those entering as promotions over those entering as failures.

From the statistics just given for those boys who entered the Vocational School at the ages of 14, 15, 16 or 17 years old and those having completed less than the sixth, the sixth, seventh, or eighth grades the number graduating is so low, the number dropping out so high, and the failures so many, that it would seem that the minimum grade completed for entrance should be the seventh grade, or that the minimum age should be 16 years except for those boys who enter as promotions whose cards show better than just passing grades.

Conclusion.- The writer believes that the findings of this study will be invaluable to him and to the instructors in the Vocational School in the selection of students who apply for entrance. The assumption may be made that the general situation as represented by the present study will hold for the future. The present

study should, therefore, give to each of us a better knowledge of what can be expected from future groups.

It is believed further that the findings will be of material assistance to principals and teachers in the academic schools who have the responsibility for guidance of those desiring to transfer to the Vocational School.

From the data given the following general conclusions may be drawn:

1. That the minimum entrance age should be 16 years,
 - (a) unless the boy comes as a promotion and his card shows better than just passing grades,
 - (b) unless the boy although entering as a failure should have completed at least the seventh grade.
2. That completion of the seventh grade should be required,
 - (a) unless the boy comes as a promotion and his card shows better than just passing grades,
 - (b) unless the boy although entering as a failure should be at least 16 years of age.

Just because these minimum requirements are reached would not guarantee that all boys so qualified would succeed.

Some of the boys who came to the Vocational School brought cards that entitled them to enter as promotions; although their grades were barely passing. They failed in the Vocational School. Others came whose cards showed them to be failures, while they made good in the

Vocational School. These boys had the ability to learn and found something to interest them.

Limitations of the Present Study.- This study was limited because there was no direct way to measure ability to master the work. In the absence of a better measuring stick their ability to make good was measured by what they did while in school; by whether they failed or passed in the work, by whether they dropped out or graduated. A better measuring stick would be desirable.

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APPENDIX

Table 1 - Age Distribution Showing Promotions and Failures of Total Enrollment.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	92	32	69	18	51	9	42	7	11	1	5	-	42
15	124	36	102	14	69	8	60	6	18	1	4	-	57
16	120	24	98	9	71	11	61	3	15	2	-	1	56
17	54	11	41	4	34	6	31	5	4	-	-	-	27
18	26	2	19	1	17	-	14	-	4	-	-	-	14
Over 18	13	1	9	1	6	-	5	1	-	-	-	-	5
Total	429	106	338	47	248	34	213	22	52	4	9	1	201

Table 2 - Age Distribution showing Promotions and Failures of Automobile Mechanics.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	12	6	6	3	4	1	4	1	-	-	-	-	4
15	25	12	20	7	14	3	12	3	5	1	2	-	11
16	31	8	25	5	15	3	11	-	2	-	-	-	9
17	16	1	12	2	9	3	9	1	2	-	-	-	8
18	7	-	4	1	4	-	4	-	2	-	-	-	4
Over 18	2	-	2	-	-	-	-	-	-	-	-	-	-
Total	93	27	69	18	46	10	40	5	11	1	2	-	36

Table 3 - Age Distribution Showing Promotions and Failures of Machinists.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	24	6	17	2	17	3	13	2	2	-	1	-	11
15	34	10	32	3	22	1	22	-	5	-	1	-	20
16	22	5	19	2	15	2	13	1	-	2	-	-	13
17	12	1	6	-	5	1	5	-	-	-	-	-	5
18	6	-	5	-	4	-	4	-	2	-	-	-	4
Over 18	1	1	-	-	-	-	-	-	-	-	-	-	-
Total	99	23	79	7	63	7	57	3	9	2	2	-	53

Table 4 - Age Distribution Showing Promotions and Failures of Electricians.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	15	6	10	3	4	2	4	1	1	1	1	-	3
15	25	5	19	2	12	-	11	-	-	-	-	-	11
16	18	2	15	-	12	3	13	-	6	-	-	-	12
17	11	3	11	1	9	2	6	4	-	-	-	-	5
18	6	1	6	-	6	-	6	-	-	-	-	-	5
Over 18	3	-	2	-	-	-	-	-	-	-	-	-	-
Total	78	17	63	6	43	7	39	5	7	1	1	-	36

Table 5 - Age Distribution Showing Promotions and Failures of Mill-cabinet Makers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	22	7	20	4	13	-	12	-	3	-	-	-	12
15	11	5	7	2	5	-	3	1	1	-	1	-	4
16	17	4	14	-	13	-	11	-	2	-	-	-	9
17	8	-	7	-	5	-	5	-	-	-	-	-	4
18	2	-	2	-	2	-	1	-	-	-	-	-	1
Over 18	2	-	-	1	1	-	-	1	-	-	-	-	-
Total	62	16	50	7	39	-	32	2	6	-	1	-	30

Table 6 - Age Distribution Showing Promotions and Failures of Printers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	19	7	16	6	13	3	9	3	5	-	3	-	12
15	29	4	24	-	16	4	12	2	7	-	-	-	11
16	32	5	25	2	16	3	13	2	5	-	-	1	13
17	7	6	5	1	6	-	6	-	2	-	-	-	5
18	5	1	2	-	1	-	-	-	-	-	-	-	-
Over 18	5	1	5	-	5	-	5	-	-	-	-	-	5
Total	97	23	77	9	57	10	45	7	19	-	3	1	46

Table 7 - Age Distribution of Those Entering As Failures
Showing Promotions and Failures of Total Enrollment.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	26	15	15	8	8	4	7	-	2	1	2	-	5
15	36	20	22	8	16	5	13	2	6	1	1	-	12
16	38	18	29	7	18	6	13	-	5	-	-	-	11
17	22	5	13	3	10	6	10	4	3	-	-	-	9
18	8	2	6	1	6	-	5	-	3	-	-	-	5
Over 18	3	1	2	1	2	-	1	1	-	-	-	-	1
Total	133	61	87	28	60	21	49	7	19	2	3	-	43

Table 8 - Age Distribution of Those Entering As Failures Showing Promotions and Failures of Automobile Mechanics.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	2	3	-	1	-	-	-	-	-	-	-	-	-
15	6	7	5	4	4	3	4	2	2	1	1	-	3
16	10	6	8	4	5	1	3	-	1	-	-	-	3
17	8	-	6	1	3	3	5	1	2	-	-	-	5
18	4	-	2	1	2	-	2	-	2	-	-	-	2
Over 18	1	-	1	-	-	-	-	-	-	-	-	-	-
Total	31	16	22	11	14	7	14	3	7	1	1	-	13

Table 9 - Age Distribution of Those Entering As Failures
Showing Promotions and Failures of Machinists.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	5	5	2	-	2	3	2	-	1	-	1	-	1
15	10	5	5	1	3	-	3	-	1	-	-	-	3
16	5	4	3	2	1	1	-	-	-	-	-	-	-
17	6	1	3	-	2	1	2	-	-	-	-	-	2
18	1	-	1	-	1	-	1	-	1	-	-	-	1
Over 18	-	1	-	-	-	-	-	-	-	-	-	-	-
Total	26	16	13	3	8	5	7	-	3	-	1	-	7

Table 10 - Age Distribution of Those Entering As Failures
Showing Promotions and Failures of Electricians.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	7	3	3	3	1	1	1	-	-	1	1	-	1
15	3	4	1	2	1	-	1	-	-	-	-	-	1
16	7	1	6	-	3	3	4	-	2	-	-	-	3
17	3	-	2	1	2	2	-	3	-	-	-	-	-
18	2	1	2	-	2	-	-	-	-	-	-	-	2
Over 18	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	22	9	14	6	9	6	8	3	2	1	1	-	7

Table 11 - Age Distribution of Those Entering As Failures
Showing Promotions and Failures of Mill-cabinet
Makers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	8	4	9	2	4	-	3	-	1	-	-	-	3
15	5	2	2	1	2	-	1	-	-	-	-	-	1
16	4	3	5	-	5	-	3	-	1	-	-	-	2
17	2	-	1	-	1	-	1	-	-	-	-	-	1
18	1	-	1	-	1	-	-	-	-	-	-	-	-
Over 18	1	-	-	1	1	-	-	1	-	-	-	-	-
Total	21	9	18	4	14	-	8	1	2	-	-	-	7

Table 12 - Age Distribution of Those Entering As Failures
Showing Promotions and Failures of Printers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	4	-	1	2	1	-	1	-	-	-	-	-	1
15	12	2	9	-	6	2	4	-	3	-	-	-	3
16	12	4	7	1	4	1	3	-	1	-	-	-	3
17	3	4	1	1	2	-	2	-	1	-	-	-	1
18	-	1	-	-	-	-	-	-	-	-	-	-	-
Over 18	1	-	1	-	1	-	1	-	-	-	-	-	1
Total	32	11	19	4	14	3	11	-	5	-	-	-	9

Table 13 - Age Distribution of Those Entering As Promotions Showing Promotions and Failures of Total Enrollment.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	66	17	54	10	43	5	35	7	9	-	3	-	36
15	88	16	80	6	53	3	47	4	12	-	3	-	46
16	82	6	69	2	53	5	48	3	10	2	-	1	45
17	32	6	28	1	24	-	21	1	1	-	-	-	18
18	18	-	13	-	11	-	9	-	1	-	-	-	9
Over 18	10	-	7	-	4	-	4	-	-	-	-	-	4
Total	296	45	251	19	188	13	164	15	33	2	6	1	158

Table 14 - Age Distribution of Those Entering As Promotions Showing Promotions and Failures of Automobile Mechanics.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	10	3	6	2	4	1	4	1	-	-	-	-	4
15	19	5	15	3	10	-	8	1	3	-	1	-	8
16	21	2	17	1	10	2	8	-	1	-	-	-	6
17	8	1	6	1	6	-	4	-	-	-	-	-	3
18	3	-	2	-	2	-	2	-	-	-	-	-	2
Over 18	1	-	1	-	-	-	-	-	-	-	-	-	-
Total	62	11	47	7	32	3	26	2	4	-	1	-	23

Table 15 - Age Distribution of Those Entering as Promotions
Showing Promotions and Failures of Machinists.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	19	1	15	2	15	-	11	2	1	-	-	-	10
15	24	5	27	2	19	1	19	-	4	-	1	-	17
16	17	1	16	-	14	1	13	1	-	2	-	-	13
17	6	-	3	-	3	-	3	-	-	-	-	-	3
18	5	-	4	-	3	-	3	-	1	-	-	-	3
Over 18	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	72	7	65	4	54	2	49	3	6	2	1	-	46

**Table 16 - Age Distribution of Those Entering as Promotions
Showing Promotions and Failures of Electricians.**

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	8	3	7	-	3	1	3	1	1	-	-	-	2
15	22	1	18	-	11	-	10	-	-	-	-	-	10
16	11	1	9	-	9	-	9	-	4	-	-	-	9
17	8	3	9	-	7	-	6	1	-	-	-	-	5
18	4	-	4	-	4	-	3	-	-	-	-	-	3
Over 18	3	-	2	-	-	-	-	-	-	-	-	-	-
Total	46	8	49	-	34	1	31	2	5	-	-	-	29

Table 17 - Age Distribution of Those Entering as Promotions Showing Promotions and Failures of Mill-cabinet Makers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	14	3	11	2	9	-	9	-	2	-	-	-	9
15	6	3	5	1	3	-	2	1	1	-	1	-	3
16	13	1	9	-	8	-	8	-	1	-	-	-	7
17	6	-	6	-	4	-	4	-	-	-	-	-	3
18	1	-	1	-	1	-	1	-	-	-	-	-	1
Over 18	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	41	7	32	3	25	-	24	1	4	-	1	-	23

Table 18 - Age Distribution of Those Entering as Promotions
Showing Promotions and Failures of Printers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
14	15	7	15	4	12	3	8	3	5	-	3	-	11
15	17	2	15	-	10	2	8	2	4	-	-	-	8
16	20	1	18	1	12	2	10	2	4	-	-	1	10
17	4	2	4	-	4	-	4	-	1	-	-	-	4
18	5	-	2	-	1	-	-	-	-	-	-	-	-
Over 18	4	-	4	-	4	-	4	-	-	-	-	-	4
Total	⁶⁵ 64	12	58	5	43	7	34	7	14	-	3	1	37

Table 19 - Age Distribution of Total Dropouts Showing Term Dropped.

AGE AT ENTRANCE	TERM DROPPED					
	First	Second	Third	Fourth	Fifth	Sixth
14	51	35	33	9	5	1
15	51	46	37	11	7	2
16	44	37	25	18	4	4
17	18	20	6	4	6	2
18	9	8	3	3	-	-
Over 18	4	4	4	-	1	-
Total	177	149	108	45	23	9

Table 20 - Age Distribution Showing Promotions and Failures of Total Dropouts.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	53	30	28	19	11	4	3	4	1	-	-	-
15	71	32	45	12	13	7	5	4	1	1	-	-
16	65	23	42	10	16	9	5	2	2	2	-	1
17	27	11	14	4	9	3	4	4	1	1	-	1
18	12	2	5	1	3	-	-	-	-	-	-	-
Over 18	7	1	3	1	1	-	-	1	-	-	-	-
Total	235	99	137	47	54	22	17	15	5	4	-	2

Table 21 - Age Distribution Showing Promotions and Failures of Dropouts of Automobile Mechanics.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	8	6	2	3	-	1	-	1	-	-	-	-
15	16	11	9	6	3	3	2	2	-	1	-	-
16	22	8	16	6	5	3	2	-	-	-	-	-
17	8	1	4	2	3	1	1	-	-	-	-	-
18	3	-	-	1	-	-	-	-	-	-	-	-
Over 18	1	-	1	-	-	-	-	-	-	-	-	-
Total	58	26	32	18	11	8	5	3	-	1	-	-

Table 22 - Age Distribution Showing Promotions and Failures of Dropouts of Machinists.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	14	5	7	4	6	-	2	2	-	-	-	-
15	14	10	12	2	3	-	2	-	-	-	-	-
16	9	5	6	2	2	2	-	1	-	1	-	-
17	7	1	1	-	1	-	-	-	-	-	-	-
18	2	-	1	-	-	-	-	-	-	-	-	-
Over 18	1	1	-	-	-	-	-	-	-	-	-	-
Total	47	22	27	8	12	2	4	3	-	1	-	-

Table 23 - Age Distribution Showing Promotions and Failures of Dropouts of Electricians.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	12	7	6	3	1	2	1	1	1	-	-	-
15	14	5	8	2	1	-	-	-	-	-	-	-
16	7	1	3	-	-	3	1	-	1	-	-	-
17	6	3	6	1	4	1	1	4	1	1	-	1
18	1	1	1	-	1	-	-	-	-	-	-	-
Over 18	3	-	2	-	-	-	-	-	-	-	-	-
Total	43	17	26	6	7	6	3	5	3	1	-	1

Table 24 - Age Distribution Showing Promotions and Failures of Dropouts of Mill-cabinet Makers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	10	7	8	4	1	-	-	-	-	-	-	-
15	8	4	3	2	1	-	-	-	-	-	-	-
16	8	4	5	-	4	-	2	-	1	-	-	-
17	4	-	3	-	1	-	1	-	-	-	-	-
18	1	-	1	-	1	-	-	-	-	-	-	-
Over 18	2	-	-	1	1	-	-	1	-	-	-	-
Total	33	15	20	7	9	-	3	1	1	-	-	-

Table 25 - Age Distribution Showing Promotions and Failures of Dropouts of Printers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	9	5	5	5	3	1	-	-	-	-	-	-
15	19	2	13	-	5	4	1	2	1	-	-	-
16	19	5	12	2	5	1	-	1	-	1	-	1
17	2	6	-	1	1	-	1	-	-	-	-	-
18	5	1	2	-	1	-	-	-	-	-	-	-
Over 18	-	-	-	-	-	-	-	-	-	-	-	-
Total	54	19	32	8	15	6	2	2	1	1	-	1

Table 26 - Age Distribution of Those Entering as Failures Showing Promotions and Failures of Total Dropouts.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	20	14	9	10	1	1	-	-	-	-	-	-
15	26	18	12	7	5	5	2	2	1	1	-	-
16	27	18	18	8	8	4	2	-	2	-	-	-
17	13	5	4	3	3	3	1	3	1	-	-	1
18	3	2	1	1	1	-	-	-	-	-	-	-
Over 18	1	1	-	1	1	-	-	1	-	-	-	-
Total	90	58	44	30	19	13	5	6	4	1	-	1

Table 27 - Age Distribution of Those Entering as Failures Showing Promotions and Failures of Automobile Mechanics.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	2	3	-	1	-	-	-	-	-	-	-	-
15	5	5	3	3	1	3	1	2	-	1	-	-
16	7	6	5	5	1	1	-	-	-	-	-	-
17	3	-	1	1	-	1	-	-	-	-	-	-
18	2	-	-	1	-	-	-	-	-	-	-	-
Over 18	-	-	-	-	-	-	-	-	-	-	-	-
Total	19	14	9	11	2	5	1	2	-	1	-	-

Table 28 - Age Distribution of Those Entering
as Failures Showing Promotions and
Failures of Dropouts of Machinists.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	4	4	1	2	-	-	-	-	-	-	-	-
15	6	5	2	1	-	-	-	-	-	-	-	-
16	5	4	3	2	1	1	-	-	-	-	-	-
17	4	1	1	-	1	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
Over 18	-	1	-	-	-	-	-	-	-	-	-	-
Total	19	15	7	5	2	1	-	-	-	-	-	-

Table 29 - Age Distribution of Those Entering as Failures Showing Promotions and Failures of Dropouts of Electricians.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	6	3	2	3	-	1	-	-	-	-	-	-
15	2	4	-	2	-	-	-	-	-	-	-	-
16	4	1	3	-	-	3	1	-	1	-	-	-
17	3	-	2	1	2	1	-	3	1	-	-	1
18	-	1	-	-	-	-	-	-	-	-	-	-
Over 18	-	-	-	-	-	-	-	-	-	-	-	-
Total	15	9	7	6	2	5	1	3	2	-	-	1

Table 30 - Age Distribution of Those Entering as Failures Showing Promotions and Failures of Dropouts of Mill-cabinet Makers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	5	4	6	2	1	-	-	-	-	-	-	-
15	4	2	1	1	1	-	-	-	-	-	-	-
16	2	3	3	-	3	-	1	-	1	-	-	-
17	1	-	-	-	-	-	-	-	-	-	-	-
18	1	-	1	-	1	-	-	-	-	-	-	-
Over 18	1	-	-	1	1	-	-	1	-	-	-	-
Total	14	9	11	4	7	-	1	1	1	-	-	-

Table 31 - Age Distribution of Those Entering as Failures Showing Promotions and Failures of Dropouts of Printers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	3	-	-	2	-	-	-	-	-	-	-	-
15	9	2	6	-	3	2	1	-	1	-	-	-
16	9	4	4	1	2	-	-	-	-	-	-	-
17	2	4	-	1	1	-	1	-	-	-	-	-
18	-	1	-	-	-	-	-	-	-	-	-	-
Over 18	-	-	-	-	-	-	-	-	-	-	-	-
Total	23	11	10	4	6	2	2	-	1	-	-	-

Table 32 - Age Distribution of Those Entering as Promotions Showing Promotions and Failures of Total Dropouts.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	33	16	19	9	10	3	3	4	1	-	-	-
15	45	14	33	5	8	2	3	2	-	-	-	-
16	38	5	24	2	9	4	3	2	-	2	-	1
17	14	6	10	1	6	-	3	1	-	1	-	-
18	9	-	4	-	2	-	-	-	-	-	-	-
Over 18	6	-	3	-	-	-	-	-	-	-	-	-
Total	145	41	93	17	35	9	12	9	1	3	-	1

Table 33 - Age Distribution of Those Entering
as Promotions Showing Promotions
and Failures of Dropouts of Auto-
mobile Mechanics.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	6	3	2	2	-	1	-	1	-	-	-	-
15	11	6	6	3	2	-	1	-	-	-	-	-
16	15	2	11	1	4	2	2	-	-	-	-	-
17	5	1	3	1	3	-	1	-	-	-	-	-
18	1	-	-	-	-	-	-	-	-	-	-	-
Over 18	1	-	1	-	-	-	-	-	-	-	-	-
Total	39	12	23	7	9	3	4	1	-	-	-	-

Table 34 - Age Distribution of Those Entering
as Promotions Showing Promotions
and Failures of Dropouts of Machin-
ists.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	10	1	6	2	6	-	2	2	-	-	-	-
15	8	5	10	1	3	-	2	-	-	-	-	-
16	4	1	3	-	1	1	-	1	-	1	-	-
17	3	-	-	-	-	-	-	-	-	-	-	-
18	2	-	1	-	-	-	-	-	-	-	-	-
Over 18	1	-	-	-	-	-	-	-	-	-	-	-
Total	28	7	20	3	10	1	4	3	-	1	-	-

Table 35 - Age Distribution of Those Entering as Promotions Showing Promotions and Failures of Dropouts of Electricians.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	6	4	4	-	1	1	1	1	1	-	-	-
15	12	1	8	-	1	-	-	-	-	-	-	-
16	3	-	-	-	-	-	-	-	-	-	-	-
17	3	3	4	-	2	-	1	1	-	1	-	-
18	1	-	1	-	1	-	-	-	-	-	-	-
Over 18	3	-	2	-	-	-	-	-	-	-	-	-
Total	28	8	19	-	5	1	2	2	1	1	-	-

Table 36 - Age Distribution of Those Entering as promotions Showing Promotions and Failures of Dropouts of Mill-cabinet Makers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	5	3	2	2	-	-	-	-	-	-	-	-
15	4	2	2	1	-	-	-	-	-	-	-	-
16	6	1	2	-	1	-	1	-	-	-	-	-
17	3	-	3	-	1	-	1	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
Over 18	1	-	-	-	-	-	-	-	-	-	-	-
Total	19	6	9	3	2	-	2	-	-	-	-	-

Table 37 - Age Distribution of Those Entering as Promotions Showing Promotions and Failures of Dropouts of Printers.

AGE AT ENTRANCE	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
14	6	5	5	3	3	1	-	-	-	-	-	-
15	10	-	7	-	2	2	-	2	-	-	-	-
16	10	1	8	1	3	1	-	1	-	1	-	1
17	-	2	-	-	-	-	-	-	-	-	-	-
18	5	-	2	-	1	-	-	-	-	-	-	-
Over 18	-	-	-	-	-	-	-	-	-	-	-	-
Total	31	8	22	4	9	4	-	3	-	1	-	1

Table 38 - Age Distribution of Graduates by Trades.

TRADE	AGE AT ENTRANCE						
	14	15	16	17	18	Over 18	Total
Automobile Mechanics	4	11	9	8	4	-	36
Machinists	11	20	13	5	4	-	53
Electrical	3	11	12	5	5	-	36
Mill and Cabinet	12	4	9	4	1	-	30
Printing	12	11	13	5	-	5	46
Total	42	57	56	27	14	5	201

Table 39 - Age Distribution of Those Entering as Fail-
ures of Graduates by Trades.

TRADE	AGE AT ENTRANCE						
	14	15	16	17	18	Over 18	Total
Automobile Mechanics	-	3	3	5	2	-	13
Machinists	1	3	-	2	1	-	7
Electrical	1	1	3	-	2	-	7
Mill and Cabinet	3	1	2	1	-	-	7
Printing	1	3	3	1	-	1	9
Total	6	11	11	9	5	1	43

Table 40 - Age Distribution of Those Entering as Promotions of Graduates by Trades.

TRADE	AGE AT ENTRANCE						
	14	15	16	17	18	Over 18	Total
Automobile Mechanics	4	8	6	3	2	-	23
Machinists	10	17	13	3	3	-	46
Electrical	2	10	9	5	3	-	29
Mill and Cabinet	9	3	7	3	1	-	23
Printing	11	8	10	4	-	4	37
Total	36	46	45	18	9	4	158

Table 41 - Grade Distribution Showing Promotions and Failures of Total Enrollment.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	35	37	29	17	16	7	10	5	5	2	4	-	9
Sixth	97	40	69	20	48	13	41	10	14	2	5	1	39
Seventh	164	20	135	7	100	10	84	6	22	-	-	1	77
Eighth	88	3	68	3	53	3	47	1	9	-	-	-	46
Ninth	30	4	27	-	22	1	22	-	2	-	-	-	21
Tenth	11	2	8	-	7	-	7	-	-	-	-	-	7
Eleventh	4	-	2	-	2	-	2	-	-	-	-	-	2
Total	429	106	338	47	248	34	213	22	52	4	9	1	201

Table 42 - Grade Distribution Showing Promotions and Failures of Automobile Mechanics.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	10	10	7	7	4	3	4	1	2	1	2	-	3
Sixth	14	8	10	5	6	4	5	3	2	-	-	-	5
Seventh	34	8	24	4	16	2	13	1	4	-	-	-	10
Eighth	23	1	19	2	13	-	11	-	3	-	-	-	11
Ninth	11	-	9	-	7	1	7	-	-	-	-	-	7
Tenth	1	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	93	27	69	18	46	10	40	5	11	1	2	-	36

Table 43 - Grade Distribution Showing Promotions and Failures of Machinists.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	10	9	9	2	5	2	3	2	-	1	-	-	2
Sixth	19	10	15	4	11	3	12	1	3	1	2	-	10
Seventh	43	3	37	-	29	1	25	-	3	-	-	-	24
Eighth	16	1	11	1	11	1	10	-	2	-	-	-	10
Ninth	8	-	6	-	6	-	6	-	1	-	-	-	6
Tenth	2	-	1	-	1	-	1	-	-	-	-	-	1
Eleventh	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	99	23	79	7	63	7	57	3	9	2	2	-	53

Table 44 - Grade Distribution Showing Promotions and Failures of Electricians.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	3	5	2	2	1	1	1	-	-	-	-	-	1
Sixth	17	4	12	2	5	2	4	1	1	1	1	-	4
Seventh	31	5	26	2	20	3	18	3	6	-	-	-	17
Eighth	17	-	14	-	11	1	10	1	-	-	-	-	9
Ninth	4	2	5	-	3	-	3	-	-	-	-	-	2
Tenth	3	1	2	-	1	-	1	-	-	-	-	-	1
Eleventh	3	-	2	-	2	-	2	-	-	-	-	-	2
Total	78	17	63	6	43	7	39	5	7	1	-	-	36

Table 45 - Grade Distribution Showing Promotions and Failures of Mill-cabinet Makers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	10	7	9	3	4	-	1	1	2	-	1	-	2
Sixth	19	8	14	3	13	-	12	-	2	-	-	-	10
Seventh	21	1	18	1	15	-	12	1	2	-	-	-	11
Eighth	7	-	4	-	3	-	3	-	-	-	-	-	3
Ninth	3	-	3	-	2	-	2	-	-	-	-	-	2
Tenth	2	-	2	-	2	-	2	-	-	-	-	-	2
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	62	16	50	7	39	-	32	2	6	-	1	-	30

Table 46 - Grade Distribution Showing Promotions and Failures of Printers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	2	6	2	3	2	1	1	1	1	-	1	-	1
Sixth	28	10	18	6	13	4	8	5	6	-	2	1	10
Seventh	35	3	30	-	20	4	16	1	7	-	-	-	15
Eighth	25	1	20	-	15	1	13	-	4	-	-	-	13
Ninth	4	2	4	-	4	-	4	-	1	-	-	-	4
Tenth	3	1	3	-	3	-	3	-	-	-	-	-	3
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	97	23	77	9	57	10	45	7	19	-	3	1	46

Table 47 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Total Enrollment.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	12	23	11	9	5	4	3	1	2	1	1	-	2
Sixth	25	22	16	10	11	6	10	1	3	1	2	-	8
Seventh	60	13	36	6	27	7	18	4	9	-	-	-	16
Eighth	28	1	18	3	13	3	14	1	5	-	-	-	13
Ninth	8	1	6	-	4	1	4	-	-	-	-	-	4
Tenth	-	1	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	133	61	87	28	60	21	49	7	19	2	3	-	43

Table 48 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Automobile Mechanics.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	1	7	1	5	1	2	2	1	1	1	1	-	1
Sixth	3	3	3	1	1	2	2	1	1	-	-	-	2
Seventh	14	6	8	3	6	2	4	1	3	-	-	-	4
Eighth	8	-	6	2	4	-	4	-	2	-	-	-	4
Ninth	5	-	4	-	2	1	2	-	-	-	-	-	2
Tenth	-	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	31	16	22	11	14	7	14	3	7	1	1	-	13

Table 49 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Machinists.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	5	7	3	1	1	1	-	-	-	-	-	-	-
Sixth	4	6	3	1	2	2	3	-	1	-	1	-	2
Seventh	11	2	5	-	3	1	2	-	1	-	-	-	2
Eighth	6	1	3	1	3	1	3	-	1	-	-	-	3
Ninth	1	-	-	-	-	-	-	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	27	16	14	3	9	5	8	-	3	-	1	-	7

Table 50 - Grade Distribution of Those Entering as
Failures Showing Promotions and Failures
of Electricians.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	-	2	-	2	-	1	-	-	-	-	-	-	-
Sixth	4	4	3	2	1	1	1	-	-	1	1	-	1
Seventh	13	2	7	2	5	3	4	2	2	-	-	-	4
Eighth	5	-	4	-	3	1	3	1	-	-	-	-	2
Ninth	-	-	-	-	-	-	-	-	-	-	-	-	-
Tenth	-	1	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	22	9	14	6	9	6	8	3	2	1	1	-	7

Table 51 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Mill-cabinet Makers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	5	4	6	1	3	-	1	-	1	-	-	-	1
Sixth	4	4	4	2	3	-	2	-	-	-	-	-	2
Seventh	10	1	7	1	7	-	4	1	1	-	-	-	3
Eighth	1	-	-	-	-	-	-	-	-	-	-	-	-
Ninth	1	-	1	-	1	-	1	-	-	-	-	-	1
Tenth	-	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	21	9	18	4	14	-	8	1	2	-	-	-	7

Table 52 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Printers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	1	3	1	-	-	-	-	-	-	-	-	-	-
Sixth	10	5	3	4	4	1	2	-	1	-	-	-	1
Seventh	12	2	9	-	6	1	4	-	2	-	-	-	3
Eighth	8	-	5	-	3	1	4	-	2	-	-	-	4
Ninth	1	1	1	-	1	-	1	-	-	-	-	-	1
Tenth	-	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	32	11	19	4	14	3	11	-	5	-	-	-	9

Table 53 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Total Enrollment.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	23	14	18	8	11	3	7	4	3	1	3	-	7
Sixth	72	18	53	10	37	7	31	9	11	1	3	1	31
Seventh	104	7	99	1	73	3	66	2	13	-	-	-	61
Eighth	60	2	50	-	40	-	33	-	4	-	-	-	33
Ninth	22	3	21	-	18	-	18	-	2	-	-	-	17
Tenth	11	1	8	-	7	-	7	-	-	-	-	-	7
Eleventh	4	-	2	-	2	-	2	-	-	-	-	-	2
Total	296	45	251	19	188	13	164	15	33	2	6	1	158

Table 54 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Automobile Mechanics.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	9	3	6	2	3	1	2	-	1	-	1	-	2
Sixth	11	5	7	4	5	2	3	2	1	-	-	-	3
Seventh	20	2	16	1	10	-	9	-	1	-	-	-	6
Eighth	15	1	13	-	9	-	7	-	1	-	-	-	7
Ninth	6	-	5	-	5	-	5	-	-	-	-	-	5
Tenth	1	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	62	11	47	7	32	3	26	2	4	-	1	-	23

Table 55 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Machinists.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	5	2	6	1	4	1	3	2	-	1	-	-	2
Sixth	15	4	12	3	9	1	9	1	2	1	1	-	8
Seventh	32	1	32	-	26	-	23	-	2	-	-	-	22
Eighth	10	-	8	-	8	-	7	-	1	-	-	-	7
Ninth	7	-	6	-	6	-	6	-	1	-	-	-	6
Tenth	2	-	1	-	1	-	1	-	-	-	-	-	1
Eleventh	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	72	7	65	4	54	2	49	3	6	2	1	-	46

Table 56 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Electricians.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	3	3	2	-	1	-	1	-	-	-	-	-	1
Sixth	13	-	9	-	4	1	3	1	1	-	-	-	3
Seventh	18	3	19	-	15	-	14	1	4	-	-	-	13
Eighth	12	-	10	-	8	-	7	-	-	-	-	-	7
Ninth	4	2	5	-	3	-	3	-	-	-	-	-	2
Tenth	3	-	2	-	1	-	1	-	-	-	-	-	1
Eleventh	3	-	2	-	2	-	2	-	-	-	-	-	2
Total	56	8	49	-	34	1	31	2	5	-	-	-	29

Table 57 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Mill-cabinet Makers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	5	3	3	2	1	-	-	1	1	-	1	-	1
Sixth	15	4	10	1	10	-	10	-	2	-	-	-	8
Seventh	11	-	11	-	8	-	8	-	1	-	-	-	8
Eighth	6	-	4	-	3	-	3	-	-	-	-	-	3
Ninth	2	-	2	-	1	-	1	-	-	-	-	-	1
Tenth	2	-	2	-	2	-	2	-	-	-	-	-	2
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	41	7	32	3	25	-	24	1	4	-	1	-	23

Table 58 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Printers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS												GRADU- ATED
	First		Second		Third		Fourth		Fifth		Sixth		
	P	F	P	F	P	F	P	F	P	F	P	F	
Under Sixth	1	3	1	3	2	1	1	1	1	-	1	-	1
Sixth	18	5	15	2	9	3	6	5	5	-	2	1	9
Seventh	23	1	21	-	14	3	12	1	5	-	-	-	12
Eighth	17	1	15	-	12	-	9	-	2	-	-	-	9
Ninth	3	1	3	-	3	-	3	-	1	-	-	-	3
Tenth	3	1	3	-	3	-	3	-	-	-	-	-	3
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	65	12	58	5	43	7	34	7	14	-	3	1	37

Table 59 - Grade Distribution Showing Term Dropped.

GRADE COMPLETED	TERM DROPPED					
	First	Second	Third	Fourth	Fifth	Sixth
Under Sixth	44	25	27	7	4	2
Sixth	59	49	27	10	9	2
Seventh	55	44	33	19	10	3
Eighth	11	19	16	7	1	1
Ninth	2	7	4	1	-	1
Tenth	4	4	1	-	-	-
Eleventh	3	2	-	-	-	-
Total	177	149	108	45	23	9

Table 60 - Grade Distribution Showing Promotions and Failures of Total Dropouts.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	29	34	21	18	7	6	2	4	-	2	-	-
Sixth	59	39	30	18	14	7	6	4	1	1	-	1
Seventh	90	18	57	8	24	7	7	6	3	-	-	1
Eighth	41	3	22	3	8	1	1	1	1	-	-	-
Ninth	10	3	6	-	1	1	1	-	-	1	-	-
Tenth	4	2	1	-	-	-	-	-	-	-	-	-
Eleventh	2	-	-	-	-	-	-	-	-	-	-	-
Total	234	99	137	47	54	22	17	15	5	4	-	2

Table 61 - Grade Distribution Showing Promotions and failures of Dropouts of Automobile Mechanics.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	8	9	5	6	1	3	1	1	-	1	-	-
Sixth	9	9	4	5	2	3	1	1	-	-	-	-
Seventh	24	7	13	5	6	1	3	1	-	-	-	-
Eighth	12	1	8	2	2	-	-	-	-	-	-	-
Ninth	4	-	2	-	-	1	-	-	-	-	-	-
Tenth	1	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	58	26	32	18	11	8	5	3	-	1	-	-

Table 62 - Grade Distribution Showing Promotions and Failures of Dropouts of Machinists.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	8	9	7	5	3	1	1	2	-	1	-	-
Sixth	10	9	6	2	3	1	2	1	-	-	-	-
Seventh	20	3	13	-	5	-	1	-	-	-	-	-
Eighth	5	1	1	1	1	-	-	-	-	-	-	-
Ninth	2	-	-	-	-	-	-	-	-	-	-	-
Tenth	1	-	-	-	-	-	-	-	-	-	-	-
Eleventh	1	-	-	-	-	-	-	-	-	-	-	-
Total	47	22	27	8	12	2	4	3	-	1	-	-

Table 63 - Grade Distribution Showing Promotions and Failures of Dropouts of Electricians.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	2	5	1	1	-	-	-	-	-	-	-	-
Sixth	13	5	7	3	1	2	-	1	1	-	-	-
Seventh	15	4	9	2	3	3	1	3	1	-	-	1
Eighth	8	-	5	-	2	1	1	1	1	-	-	-
Ninth	2	2	3	-	1	-	1	-	-	1	-	-
Tenth	2	1	1	-	-	-	-	-	-	-	-	-
Eleventh	1	-	-	-	-	-	-	-	-	-	-	-
Total	43	17	26	6	7	6	3	5	3	1	-	1

Table 64 - Grade Distribution Showing Promotions and Failures of Dropouts of Mill-cabinet Makers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	9	6	6	4	2	-	-	-	-	-	-	-
Sixth	9	8	5	2	3	-	2	-	-	-	-	-
Seventh	10	1	7	1	4	-	1	1	1	1	-	-
Eighth	4	-	1	-	-	-	-	-	-	-	-	-
Ninth	1	-	1	-	-	-	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	33	15	20	7	9	-	3	1	1	-	-	-

Table 65 - Grade Distribution Showing Promotions and Failures of Dropouts of Printers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	2	5	2	2	1	2	-	1	-	-	-	-
Sixth	18	8	8	6	5	1	1	1	-	1	-	1
Seventh	21	3	15	-	6	3	1	1	1	-	-	-
Eighth	12	1	7	-	3	-	-	-	-	-	-	-
Ninth	1	1	-	-	-	-	-	-	-	-	-	-
Tenth	-	1	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	54	19	32	8	15	6	2	3	1	1	-	1

Table 66 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Total Dropouts.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	11	22	9	11	3	3	1	1	-	1	-	-
Sixth	17	21	9	9	4	3	1	-	-	-	-	-
Seventh	44	12	19	7	11	5	2	4	3	-	-	1
Eighth	14	1	5	3	1	1	1	1	1	-	-	-
Ninth	4	1	2	-	-	1	-	-	-	-	-	-
Tenth	-	1	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	90	58	44	30	19	13	5	6	4	1	-	1

Table 67 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Dropouts of Automobile Mechanics.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	1	6	1	4	-	2	1	1	-	1	-	-
Sixth	1	3	1	1	-	1	-	-	-	-	-	-
Seventh	10	5	3	4	2	1	-	1	-	-	-	-
Eighth	4	-	2	2	-	-	-	-	-	-	-	-
Ninth	3	-	2	-	-	1	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	19	14	9	11	2	5	1	2	-	1	-	-

Table 68 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Dropouts of Machinists.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	5	7	3	4	1	-	-	-	-	-	-	-
Sixth	2	5	1	-	-	1	-	-	-	-	-	-
Seventh	9	2	3	-	1	-	-	-	-	-	-	-
Eighth	2	1	-	1	-	-	-	-	-	-	-	-
Ninth	1	-	-	-	-	-	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	19	15	7	5	2	1	-	-	-	-	-	-

Table 69 - Grade Distribution of Those Entering
as Failures Showing Promotions and
Failures of Dropouts of Electricians.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	-	2	-	1	-	-	-	-	-	-	-	-
Sixth	3	4	2	3	-	1	-	-	-	-	-	-
Seventh	9	2	3	2	1	3	-	2	1	-	-	1
Eighth	3	-	2	-	1	1	1	1	1	-	-	-
Ninth	-	-	-	-	-	-	-	-	-	-	-	-
Tenth	-	1	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	15	9	7	6	2	5	1	3	2	-	-	1

Table 70 - Grade Distribution of Those Entering as Failures Showing Promotions and Failures of Dropouts of Mill-cabinet Makers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	4	4	4	2	2	-	-	-	-	-	-	-
Sixth	2	4	3	1	1	-	-	-	-	-	-	-
Seventh	7	1	4	1	4	-	1	1	1	-	-	-
Eighth	1	-	-	-	-	-	-	-	-	-	-	-
Ninth	-	-	-	-	-	-	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	9	11	4	7	-	1	1	1	-	-	-

Table 71 - Grade Distribution of Those Entering
as Failures Showing Promotions and
Failures of Dropouts of Printers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	1	3	1	-	-	1	-	-	-	-	-	-
Sixth	9	5	2	4	3	-	1	-	-	-	-	-
Seventh	9	2	6	-	3	1	1	-	1	-	-	-
Eighth	4	-	1	-	-	-	-	-	-	-	-	-
Ninth	-	1	-	-	-	-	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	23	11	10	4	6	2	2	-	1	-	-	-

Table 72 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Total Dropouts.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	18	12	12	7	4	3	1	3	-	1	-	-
Sixth	42	18	21	9	10	4	5	4	1	1	-	1
Seventh	46	6	38	1	13	2	5	2	-	-	-	-
Eighth	27	2	17	-	7	-	-	-	-	-	-	-
Ninth	6	2	4	-	1	-	1	-	-	1	-	-
Tenth	4	1	1	-	-	-	-	-	-	-	-	-
Eleventh	2	-	-	-	-	-	-	-	-	-	-	-
Total	145	41	93	17	35	9	12	9	1	3	-	1

Table 73 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Dropouts of Automobile Mechanics.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	7	3	4	2	1	1	-	-	-	-	-	-
Sixth	8	6	3	4	2	2	1	1	-	-	-	-
Seventh	14	2	10	1	4	-	3	-	-	-	-	-
Eighth	8	1	6	-	2	-	-	-	-	-	-	-
Ninth	1	-	-	-	-	-	-	-	-	-	-	-
Tenth	1	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	39	12	23	7	9	3	4	1	-	-	-	-

Table 74 - Grade Distribution of Those Entering
as Promotions Showing Promotions and
Failures of Dropouts of Machinists.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	3	2	4	1	2	1	1	2	-	1	-	-
Sixth	8	4	5	2	3	-	2	1	-	-	-	-
Seventh	11	1	10	-	4	-	1	-	-	-	-	-
Eighth	3	-	1	-	1	-	-	-	-	-	-	-
Ninth	1	-	-	-	-	-	-	-	-	-	-	-
Tenth	1	-	-	-	-	-	-	-	-	-	-	-
Eleventh	1	-	-	-	-	-	-	-	-	-	-	-
Total	28	7	20	3	10	1	4	3	-	1	-	-

Table 75 - Grade Distribution of Those Entering
as Promotions Showing Promotions and
Failures of Dropouts of Electricians.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	2	3	1	-	-	-	-	-	-	-	-	-
Sixth	10	1	5	-	1	1	-	1	1	-	-	-
Seventh	6	2	6	-	2	-	1	1	-	-	-	-
Eighth	5	-	3	-	1	-	-	-	-	-	-	-
Ninth	2	2	3	-	1	-	1	-	-	1	-	-
Tenth	2	-	1	-	-	-	-	-	-	-	-	-
Eleventh	1	-	-	-	-	-	-	-	-	-	-	-
Total	28	8	19	-	5	1	2	2	1	1	-	-

Table 76 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Dropouts of Mill-Cabinet Makers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	5	2	2	2	-	-	-	-	-	-	-	-
Sixth	7	4	2	1	2	-	2	-	-	-	-	-
Seventh	3	-	3	-	-	-	-	-	-	-	-	-
Eighth	3	-	1	-	-	-	-	-	-	-	-	-
Ninth	1	-	1	-	-	-	-	-	-	-	-	-
Tenth	-	-	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	19	6	9	3	2	-	2	-	-	-	-	-

Table 77 - Grade Distribution of Those Entering as Promotions Showing Promotions and Failures of Dropouts of Printers.

GRADE COMPLETED	PROMOTIONS AND FAILURES BY TERMS											
	First		Second		Third		Fourth		Fifth		Sixth	
	P	F	P	F	P	F	P	F	P	F	P	F
Under Sixth	1	2	1	2	1	1	-	1	-	-	-	-
Sixth	9	3	6	2	2	1	-	1	-	1	-	1
Seventh	12	1	9	-	3	2	-	1	-	-	-	-
Eighth	8	1	6	-	3	-	-	-	-	-	-	-
Ninth	1	-	-	-	-	-	-	-	-	-	-	-
Tenth	-	1	-	-	-	-	-	-	-	-	-	-
Eleventh	-	-	-	-	-	-	-	-	-	-	-	-
Total	31	8	22	4	9	4	-	3	-	1	-	1

Table 78 - Grade Distribution of Graduates by Trades.

TRADE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
Automobile Mechanics	3	5	10	11	7	-	-	36
Machinists	2	10	24	10	6	1	-	53
Electrical	1	4	17	9	2	1	2	36
Mill and Cabinet	2	10	11	3	2	2	-	30
Printing	1	10	15	13	4	3	-	46
Total	9	39	77	46	21	7	2	201

Table 79 - Grade Distribution of Those Entering as Failures of Graduates by Trades.

TRADE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
Automobile Mechanics	1	2	4	4	2	-	-	13
Machinists	-	2	2	3	-	-	-	7
Electrical	-	1	4	2	-	-	-	7
Mill and Cabinet	1	2	3	-	1	-	-	7
Printing	-	1	3	4	1	-	-	9
Total	2	8	16	13	4	-	-	43

Table 80 - Grade Distribution of Those Entering as Promotions of Graduates by Trades.

TRADE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
Automobile Mechanics	2	3	6	7	5	-	-	23
Machinists	2	8	22	7	6	1	-	46
Electrical	1	3	13	7	2	1	2	29
Mill and Cabinet	1	8	8	3	1	2	-	23
Printing	1	9	12	9	3	3	-	37
Total	7	31	61	33	17	7	2	158

Table 81 - Age and Grade Distribution of Total Enrollment.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	44	75	48	8	-	-	-	175
15	40	63	77	27	4	-	-	211
16	24	44	69	36	12	2	1	188
17	6	8	31	19	13	5	1	83
18	2	3	12	8	4	4	2	37
Over 18	-	2	4	3	2	4	3	18
Total	116	195	241	101	36	16	7	712

Table 82 - Age and Grade Distribution of Automobile Mechanics.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	3	9	8	4	-	-	-	24
15	12	12	17	6	-	-	-	47
16	10	7	17	11	3	-	-	48
17	2	2	7	3	6	-	-	20
18	-	1	3	1	1	1	-	7
Over 18	-	-	2	-	1	-	-	3
Total	27	31	54	25	11	1	-	149

Table 83 - Age and Grade Distribution of Machinists.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	10	16	15	2	-	-	-	43
15	12	20	22	3	1	-	-	58
16	7	8	10	7	3	1	1	37
17	1	-	7	4	3	-	-	15
18	-	-	3	2	2	1	-	8
Over 18	-	1	-	-	-	1	1	3
Total	30	45	57	18	9	3	2	164

Table 84 - Age and Grade Distribution of Electricians.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	6	14	6	-	-	-	-	26
15	2	12	15	8	-	-	-	37
16	2	5	13	7	2	1	-	30
17	1	-	9	5	3	1	1	20
18	1	2	2	2	-	2	2	11
Over 18	-	-	-	-	1	1	1	3
Total	12	33	45	22	6	5	4	127

Table 85 - Age and Grade Distribution of Mill-Cabinet Makers.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	21	18	10	-	-	-	-	49
15	8	11	4	2	1	-	-	26
16	4	7	11	1	2	-	-	25
17	1	2	3	4	-	1	-	11
18	1	-	3	-	-	1	-	5
Over 18	-	-	1	1	-	-	1	3
Total	35	38	32	8	3	2	1	119

Table 86 - Age and Grade Distribution of Printers.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	4	18	9	2	-	-	-	33
15	6	8	19	8	2	-	-	43
16	1	17	18	10	2	-	-	48
17	1	4	5	3	1	3	-	17
18	-	-	1	8	2	-	-	11
Over 18	-	1	1	2	-	2	-	6
Total	12	48	53	33	7	5	-	158

Table 87 - Age and Grade Distribution Showing Dropouts
of Total Enrollment.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	42	57	31	3	-	-	-	133
15	35	54	54	11	-	-	-	154
16	22	37	45	22	3	2	1	132
17	6	5	22	12	8	2	1	56
18	2	2	8	6	2	3	-	23
Over 18	-	1	4	1	2	2	3	13
Total	107	156	164	55	15	9	5	511

Table 88 - Age and Grade Distribution Showing Dropouts of Automobile Mechanics.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	3	9	7	1	-	-	-	20
15	10	11	13	2	-	-	-	36
16	9	5	16	8	1	-	-	39
17	2	1	5	2	2	-	-	12
18	-	-	1	1	-	1	-	3
Over 18	-	-	2	-	1	-	-	3
Total	24	26	44	14	4	1	-	113

Table 89 - Age and Grade Distribution Showing Dropouts of Machinists.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	10	12	9	1	-	-	-	32
15	11	15	11	1	-	-	-	38
16	6	7	6	3	-	1	1	24
17	1	-	4	2	3	-	-	10
18	-	-	3	1	-	-	-	4
Over 18	-	1	-	-	-	1	1	3
Total	28	35	33	8	3	2	2	111

Table 90 - Age and Grade Distribution Showing Dropouts of Electricians.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	6	11	6	-	-	-	-	23
15	1	11	10	4	-	-	-	26
16	2	5	5	5	-	1	-	18
17	1	-	7	3	3	-	1	15
18	1	2	-	1	-	2	-	6
Over 18	-	-	-	-	1	1	1	3
Total	11	29	28	13	4	4	2	91

Table 91 - Age and Grade Distribution Showing Dropouts
of Mill-Cabinet Makers.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	20	12	5	-	-	-	-	37
15	7	11	4	-	-	-	-	22
16	4	4	6	1	1	-	-	16
17	1	1	2	3	-	-	-	7
18	1	-	3	-	-	-	-	4
Over 18	-	-	1	1	-	-	1	3
Total	33	28	21	5	1	-	1	89

Table 92 - Age and Grade Distribution Showing Dropouts of Printers.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							Total
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	
14	3	13	4	1	-	-	-	21
15	6	6	16	4	-	-	-	32
16	1	16	12	5	1	-	-	35
17	1	3	4	2	-	2	-	12
18	-	-	1	3	2	-	-	6
Over 18	-	-	1	-	-	-	-	1
Total	11	38	38	15	3	2	-	107

Table 93 - Age and Grade Completed Distribution of Total Enrollment of Graduates.

AGE AT ENTRANCE	GRADE COMPLETED AT ENTRANCE							
	Under Sixth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Total
14	2	18	17	5	-	-	-	42
15	5	9	23	16	4	-	-	57
16	2	6	25	14	9	-	-	56
17	-	3	9	7	5	3	-	27
18	-	1	4	2	3	2	2	14
Over 18	-	1	-	2	-	2	-	5
Total	9	38	78	46	21	7	2	201

STUDENT NUMBER	STUDENT NAMES		LAST SCHOOL ATTENDED	GRADE COMPLETED IN LAST SCHOOL ATTENDED	TRADE CLASS ENTERED	AGE AT TIME OF ENTRANCE	ENTERED AS PROMOTION OR FAILURE FROM LAST SCHOOL ATTENDED	PROMOTION OR FAILURES						TERM DROPPED	GRADUATED
	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
1	Adams	John Paul	5H6	A14	P	PF								3	
2	Adkins	Ben	5L6	W16	F	FPP								4	
3	Alford	Carroll	4OH7	A17	F	PPFP									*
4	Alford	Ernie	12H7	A15	P	P								2	
5	Alford	Pat	21H6	P15	F	F								2	
6	Allen	Edwin	21L7	E16	P									1	
7	Allen	G. L.	2H6	M15	P	PPPP									*
8	Allen	Ivan	45H10	E17	P	PPPP									*
9	Almond	Victor	4OL8	A15	P	PPPP									*
10	Alsup	R. B.	4OH7	W17	P	PF								3	
11	Ames	Leon	21L8	E16	P	PPPPF									*
12	Angle	Leslie	99H7	M15	P	PF								3	
13	Anglin	Alfred	4OH7	M16	P	PPPP									*
14	Ardayne	Jim	21L8	M16	F									1	
15	Armstrong	Jack	12H7	A16	P									1	
16	Armstrong	Marvin	21H5	M15	F	FF								3	
17	Arseneau	Albert	21L7	P14	F	FF								3	
18	Applewhite	Fred	4OH6	M16	F	F								2	
19	Ashbrook	Aaron	47H8	A15	P	PPPPP									*
20	Ashmore	Clyde	99H7	W16	P									1	
21	Aston	Carroll	45H7	E16	P	PPPP									*
22	Atherton	Lewis	45H7	M15	P	PPPP									*
23	Atherton	Wm.	4OH8	M16	P	PPPP									*
24	Atwood	Jasper	12H5	A15	P									1	
25	Auerbach	Lee Paul	23L5	W15	F	PF								3	
26	Austin	David	1OL8	E16	P									1	
27	Austin	Stuart	41H11	E18	P	PPPP									*
28	Bailey	Clyde	21H8	E16	F									1	
29	Bailey	Terry	41H9	A17	F	P								2	
30	Baker	Edwin	45H8	M16	F	P								2	
31	Baker	Elvin	9910	W18	P	PPPP									*
32	Baker	J. B.	4OL8	A16	F	PF								3	
33	Baker	Louis	4OH7	W14	F									1	
34	Baldwin	Geo.	2H7	A20	P	PP								3	
35	Barnes	Billy	46L8	M15	P	FPPPP									*
36	Barnett	Hubert	4OH8	P17	P	PPPP									

[illegible]

STUDENT NUMBER	STUDENT NAMES		LAST SCHOOL ATTENDED	GRADE COMPLETED IN LAST SCHOOL ATTENDED	TRADE CLASS ENTERED	AGE AT TIME OF ENTRANCE	ENTERED AS PROMOTION OR FAILURE FROM LAST SCHOOL ATTENDED	PROMOTION OR FAILURES						TERM DROPPED	GRADUATED
	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
73	Bruton,	Harry	16H8	A16	F		P	P	P	P	P				*
74	Bryant,	W. H.	46L7	W14	P	F								2	
75	Bullard,	Clyde	45H6	P16	F	F								3	
76	Bullard,	Floyd	45L7	A17	F		P	P	P	P	P				*
77	Burger,	James	99L5	W14	F		P	P	P	P				4	
78	Burke,	Leslie	11H7	E15	P		P	P	P	P					*
79	Burton,	Roscoe	18H6	E14	P									1	
80	Butcher,	Fritz	99H5	M16	F									1	
81	Butler,	Melvin	5H6	W15	F									1	
82	Buzbee,	J. T.	99H7	M14	P									1	
83	Byrnes,	Joe	2H5	M16	P		F	P	P	P	P	P	P	6	
84	Cabluck,	Harry	42H8	A14	P		P	P	P	P					*
85	Cagle,	Clarence	42H7	P16	F									1	
86	Cain,	Floyd	40L8	P15	P		P	P	P	P	P				*
87	Caldwell,	Leslie	44H9	M16	P		P	P	P	P					*
88	Cannon,	Orville	41H9	M17	F		P							2	
89	Carlisle,	Weston	21H8	E16	P									1	
90	Carson,	William	9L6	M14	P									1	
91	Cartwright,	Donald	44H6	W15	F									1	
92	Cartwright,	Herman	40H8	E18	P									1	
93	Carver,	John	44H8	M16	P		P	P	P	P					*
94	Cashion,	Tom	48H7	A18	P		P	P	P	P					*
95	Cassaday,	John	47H6	M15	F									1	
96	Cates,	Howard	21L6	E14	F		F	F						3	
97	Chapin,	Claude	21H8	M17	P		P							2	
98	Clanton,	J. B.	18H5	P15	F		P	P	F					4	
99	Clark,	Coy	32H5	W14	P		F	F						3	
100	Clark,	Edgar	40H6	M15	F									1	
101	Clark,	Harry	40L8	P16	P		P							2	
102	Claunch,	Jack	99L6	P17	F		F							2	
103	Clendening,	David	2L7	M15	P		P	P	P	P					*
104	Coker,	Augustus	99H5	E16	P									1	
105	Collier,	Chas.	40L9	P15	P		P	P	P	P	P				*
106	Collier,	Will	41H9	P15	P		F	P	P	P	P				*
107	Collins,	Lewis	43H7	W16	F		P	P	P	P					*
108	Collins,	Louis	27L6	M16	F		F							2	

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	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
109	Colton,	C. C. Jr.	46H11	M16			P							1	
110	Collup,	Randle	41H10	E18			F	F						2	
111	Combs,	Svinson	5L7	A15			P	P	P	P	P	P		*	
112	Commander,	Leonard	31H5	E15			P	P	P	P	P			*	
113	Cone,	Adrienne	40H8	E15			P	P	P	P	P			*	
114	Cone,	Ray	40H7	E16			F							1	
115	Conway,	Ross	40H7	P17			F							1	
116	Cook,	Louis	40L7	M15			P	P	P	P	P	P		*	
117	Cooke,	Prentice	46H7	A15			F	P	P	P	P			*	
118	Corpany,	Grover	21L7	A14			P	P						2	
119	Cosatt,	Floyd	10L8	P17			F	F						2	
120	Courtney,	Emmet	6L7	M14			P							1	
121	Covington,	Thad	40L8	W15			P	P						3	
122	Cowell,	Leonard	8H4	A15			F	F	F	F	F			3	
123	Cox,	Jack	99H7	E17			P	P	P	P	F			3	
124	Cox,	Roy	28H5	W14			F	P	P					3	
125	Crain,	Clyde	10L7	A16			P	P	P					3	
126	Criss,	Houston	6L6	W15			P	P	P					3	
127	Cromwell,	Alton	40L8	E17			P							1	
128	Crowder,	Willis	34L7	M16			P	P	P					4	
129	Crutcher,	Elmer	21H6	M16			P							1	
130	Cunningham,	Chester	47H8	M14			P							1	
131	Daily,	James	44L7	W15			P	P						2	
132	Daily,	Philip	44L8	M16			F	P						2	
133	Damato,	Frank	47H6	M15			P	F						2	
134	Dashner,	Curtis	40H8	P16			P	F	P	P				4	
135	Davis,	Floyd	45L5	A15			F	F						3	
136	Davis,	J. C.	30L6	E14			P	F						2	
137	Deats,	Geo.	18H6	W14			P							1	
138	DeLaMar,	Guy	6H7	P17			P	P	P	P	P			*	
139	Deweese,	Harry	21H7	M14			P	P						3	
140	Dillon,	Wayne	40H8	E16			F	P	P	P	P			*	
141	Dodson,	Harry	40H8	M17			P	P	P	P	P			*	
142	Doggett,	J. C.	21L7	W15			F							1	
143	Doggett,	Winston	21H6	W14			F	P	P					3	
144	Donley,	Maurice	41H9	E19			P	P						3	

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	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
145	Doty, Glenn		23L6	P14	P		P	P	P	P	P	P		*	
146	Doty, Harold		21L7	P16	F		P	P	P	P				4	
147	Drennan, Cecil		42H8	W17	P		P							1	
148	Duckett, Stewart		17L7	P14	P		P	P						2	
149	Duffield, Geo.		40L8	M16	P		P	P	P	P	P			*	
150	Dunagan, Claude		27H6	P16	P		P							1	
151	Dunivan, Garld		44L8	E16	F		P	P	P	P	P			*	
152	Dworkin, Louis		9L6	M14	F		P	P						3	
153	Easterwood, Leon		47H5	M16	F									1	
154	Eastham, G. P.		2L7	P23	P		P	P	P	P	P			*	
155	Echols, Tillman		99H7	M16	P		P	P	P	P	P			*	
156	Edwards, Efton		44H7	M14	P		P	P	P	P				4	
157	Elam, Truitt		30H6	P16	P		P	P						3	
158	Elkins, Ray		21L8	W15	F									1	
159	Elliot, Arthur		9L5	W16	P		F							2	
160	Elliot, James F.		30H4	A14	F		F							2	
161	Elliot, Wm. R.		44H5	M15	P									1	
162	Elms, Joseph		21L8	M17	F		P							2	
163	Emery, Thomas		41H11	E19	P		P							2	
164	Estes, Durwood		40L8	A17	P		P	P	P	P	P			*	
165	Estes, Lester		44L8	M15	F		P							2	
166	Estill, Fayette		10H6	M14	F		F	F	F	F	P	P		*	
167	Evans, Edward		21L7	W15	P									1	
168	Evarts, J. E.		21H7	W14	F									1	
169	Faulk, Mosby		99H8	P15	P		P							2	
170	Fay, Richard		99H9	E16	P		P	P	P	P	P			*	
171	Ferry, Oscar		99L8	A17	P		P	P	P	P				4	
172	First, Darwin		99H9	P18	F		F							2	
173	Fitzgerald, John		99L8	A19	P									1	
174	Fitzgerald, Ralph		99L8	P19	P									1	
175	Fletcher, Harvey		48H9	A18	P		P	P	P	P	P			*	
176	Flory, Wm.		13L7	M14	P		P	P	P	P	P			*	
177	Ford, Billy Pat		40L7	A14	P									1	
178	Foster, Gerald		40H7	E14	P		P	P						3	
179	Foster, John		40L8	M15	F		P							2	
180	Foster, Jonathan		9L6	E14	P		F							2	

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	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
181	Foster,	Lonnie	44L8	M15	P		P	P	P	P	P				*
182	Francis,	Lee	34L6	M15	F		P	P						3	
183	Freeman,	Jim	23L6	A14	P		F							2	
184	Freeman,	Rex	40L8	M15	P		P	P	P	P	P				*
185	Freeman,	Worth	5H7	M16	P		P	P	P	P	P				*
186	Freeze,	Jerome	9L6	E14	P								1		
187	French,	Marvin	44L7	E15	P		P	P					2		
188	French,	Maurice	40L9	A16	P		P	P	P				4		
189	Frey,	Eugene	40L7	P14	P		P	P	P	P	P				*
190	Fridge,	Carvin	13H7	W16	P								1		
191	Fuller,	Clarence	40H7	W14	P		P	P					3		
192	Fulps,	Norman	10H6	A15	F		F						2		
193	Gafford,	Claude	20L6	A15	P		P						2		
194	Gary,	Glenn	40H6	P16	F								1		
195	Gary,	Reginald	40H7	A17	F								1		
196	Gates,	Eugene	40H6	P14	P		F						2		
197	Gayle,	E. B.	40H7	A15	P		F						2		
198	George,	Sammie	99H7	A17	P		P	P	P	P	P		5		
199	Gibbons,	J. P.	21H7	P15	F		P	P	P				4		
200	Gibbons,	Tom	99H8	E15	P		P						2		
201	Gifford,	Ben	17H7	P16	P		P	P	P	P	P	P	1		
202	Gifford,	Harold	9H6	M15	P								1		
203	Gill,	Hurley	2L7	W14	P								1		
204	Gilley,	Lynn	13H7	P14	P								1		
205	Givens,	Roy	2H6	E16	P		P	P					2		
206	Glassie,	Charlie	46H7	A16	F		P	P	P				4		
207	Glassie,	Horace	31L6	E15	P		P	P					3		
208	Glenn,	Mouzon	47H7	P17	P		F						2		
209	Glenn,	Wyman	13H7	W15	F		P						2		
210	Godbey,	Carl	41H9	W16	P		P	P	P	P					*
211	Goddard,	Dick	40H8	W16	P		P						2		
212	Gonzalez,	Henry	2H5	A15	F		F						2		
213	Gordon,	Edward	2H7	W14	P		P	P	P	P					*
214	Gordon,	Garland	99H11	E17	P								1		
215	Goss,	Bobbie	13H6	P14	P		F						2		
216	Grace,	Louis	40H9	A20	F		P	P					3		

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	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
253	Harbison,	Billy	20H5	E14	F	FF								3	
254	Harrell,	John	44H5	W14	F									1	
255	Harris,	Clifford	13L7	P16	F	P								2	
256	Harris,	Howard	45H6	A16	P	PPPP								*	
257	Harris,	Jack	21L8	M16	F	PP								3	
258	Harrison,	Martin	99L8	P16	P	PPPP								*	
259	Harrison,	Robert	46H8	P16	F	F								2	
260	Hart,	Raymond	21L8	M16	P	PPPP								*	
261	Hart,	Woodrow	20H6	W14	P	PPPPPP								*	
262	Harvey,	Ted	6L6	M17	P									1	
263	Hatler,	Lynn	40H8	E16	F	PPPPPP								6	
264	Haygood,	Geo. A.	99L6	M14	F	F								2	
265	Haverkorn,	Gervase	18H6	M15	P	PPPPPP								*	
266	Healy,	Kenneth	99H8	P14	P	PPPP								*	
267	Heath,	John	15L5	A15	P	FF								3	
268	Helbing,	Elmer	47H6	A15	F	PP								3	
269	Hennessey,	Delbert	26H6	A15	P	FF								3	
270	Henry,	Jack	40H8	E15	P	PPP								4	
271	Henry,	Lynwood	40H8	A17	P	PPP								4	
272	Henry,	R. J.	43H9	P17	P	PPPP								*	
273	Hester,	Vernon	2L5	A15	F									1	
274	Hill,	Clark	30L7	W14	P	PPPP								*	
275	Hill,	Harold	47H7	P16	P	PPPPPP								*	
276	Hill,	Kenneth	40H7	A16	F	PPP								4	
277	Hill,	Woodrow	40H7	E16	P	PPPPPP								*	
278	Hinson,	Raymond	14H6	W17	P	PPPP								*	
279	Hittson,	Hamilton	45H7	M15	P	PPPP								*	
280	Hodges,	J. C.	43L9	A14	P	PPPP								*	
281	Hogue,	John D.	44L7	E14	P	PPPP								*	
282	Hogue,	Leo	13L7	M16	P	PPPP								*	
283	Holtz,	Frank	2L7	M15	P	PPPP								5	
284	Holtz,	Jesse	40L8	M14	P	PPPP								*	
285	Hopkins,	Joe	40H7	A14	P	PP								3	
286	Horn,	Jack	6L5	W14	P									1	
287	Hostetter,	Rodgers	43L10	M17	P	P								2	
288	Howard,	Travis	43L9	E17	F									1	

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	SURNAME	GIVEN NAME						1st TERM	2nd TERM	3rd TERM	4th TERM	5th TERM	6th TERM		
X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
289	Howard	Vernon	13H7	P16	P	F								2	
290	Howeth	Archie	21L8	A15	P	F	P	P	P	P	P				*
291	Hubert	Frank	41H9	A17	F	F	P	P	P	P	P				*
292	Huff	Wm.	10H7	E15	F	F								2	
293	Hughes	Houston	9H6	W17	P	P	P	P	P	P	P			3	
294	Humphries	Olvin	40H6	M14	F									1	
295	Hunt	Phillip	21H7	P15	P	P	P	P	F					4	
296	Hunter	Joe	43L8	W17	F	P	P	P	P	P					*
297	Hurst	Joe	47L8	P16	F									1	
298	Ivie	Lewis	43H7	W14	F	P	P	P	P	P					*
299	Jackson	Roy	42L8	M15	P	P	P	P	P	P					*
300	Jaynes	Woodrow	24L7	W15	P									1	
301	Jenkins	Hangel	34H7	M14	P	P	P							3	
302	Jennine	Geo.	99H5	M15	F									1	
303	Jenkins	J. C.	40H7	M15	F	F								2	
304	Jennings	Frank	44L8	M15	P	P	P	P	P	P					*
305	Jensen	Chris	40H7	E15	F	F								2	
306	Jensen	Jack	30H6	M14	F									1	
307	Jeter	Oran	27H6	P15	P									1	
308	Johnnie	Eddie	47L8	P18	P	P								2	
309	Johnnie	Lee	26L6	A16	P	P	P	P	F					4	
310	Johnston	Bedford	44L6	W14	F									1	
311	Johnson	Billy	40L8	M17	P	P	P	P	P	P					*
312	Johnson	Hilton	17L4	M16	F	F	F							3	
313	Johnson	Homer	42H9	A16	P	P	P	P	P	P					*
314	Johnson	Jesse	44H7	P15	P									1	
315	Johnson	Pete	99H9	E17	P	F								2	
316	Johnson	Ted	48H6	P15	P									1	
317	Jones	Thomas	9H6	M15	P	P	P	P	P	P					*
318	Jones	Henry	13H7	P16	P	P	P	P	P	P	P				*
319	Justice	Earl	47L7	W14	P	F								2	
320	Kane	John	41L9	E17	P									1	
321	Keene	S. E.	40H8	P15	P	P								2	
322	Kelley	Murray	17L7	A14	P	P								2	
323	Kelsey	Eugene	40L8	A17	F	P	F							3	
324	Kelsey	John	40L7	A18	F	P	P	P	P	P	P				*

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X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
325	Kenderdine	Robert	40L8	E16	F										1
326	Kerr	Robert	40H7	F16	F			F							2
327	Ketzler	Creed	13H6	M14	F										1
328	Kilgore	Leslie	43L8	E16	F			F	F	F					4
329	Kimbriel	Marvin	21H6	W16	F			F							2
330	Kirsch	Ralph	42H8	E17	P			P	P	P	P				*
331	Klopner	Richard	5H5	W14	P			P							1
332	Knifong	Jack	40L9	M15	P			P	P	P					4
333	Knight	Sid	41H10	M18	P			P	P	P	P				*
334	Kohler	A. Will	34H7	F16	P			P							1
335	Kunkell	Richard	21H6	F14	P			P	F	F					2
336	Kyle	Clyde	10H6	M14	F			F	F						2
337	Lacy	Charley	99H7	A15	P			P	F	F					3
338	Lamb	J. C.	45L8	E15	P										1
339	Lambert	Paul	40L7	F14	P										1
340	Lane	Arthur Lee	32L5	W18	F										1
341	Lang	Edward	28L6	E14	P			P	P						2
342	Langdon	Louis	21H6	M15	F										1
343	Langford	Chas.	40L10	M16	P			P	P	P	P				*
344	Langston	Willie	40H7	F14	F			F	F						2
345	Langston	Wm.	40L7	E15	F			F							1
346	Lankford	J. D.	47L8	W14	F			F	F						3
347	Latimer	Leon	47L8	M18	P			P	P						3
348	Lauman	Donnel	16H6	A17	F										1
349	Lauterbach	Clyde	40H9	A17	P			P	P	P	P				*
350	Lavender	J. W.	21L8	A15	F										1
351	Laverty	Eugene	42L9	F15	F			P	P	P	P	P			*
352	Leak	Elliott	30H6	M15	P			P	P						3
353	Leath	Curtis	40L7	A16	F			F	F	F					4
354	Lee	Kerrigan	23H6	F14	P			F	F						3
355	Lee	Robert E.	21L7	E14	F			F	F						3
356	Legate	R. L.	40L8	M15	P			P	P	P	P	P			*
357	Leguerrier	Lloyd	9L6	W15	P										1
358	Lehew	Albert	21H7	E15	F			F	F						3
359	Lewis	Horace	11H6	A14	P			F							2
360	Lightfoot	Donald	40H8	M16	P			P	P	P	P				*

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X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
361	Lindsey	Alvis	26H7	F16	P	PP								3	
362	Lindsey	Joe	11H5	W14	F									1	
363	Lomax	Ray	48L8	W18	P									1	
364	Lowery	Bill	40H7	E14	P	PPPP								3	
365	Lowery	Robert	45H6	A14	P	FFFF								3	
366	Lucius	Wm.	44L6	W16	P									1	
367	Luedtke	Edwin	10H7	E16	P	PPPPPP									*
368	Luedtke	Erwin	10H7	E17	P	PPPP									*
369	Lundbert	Robert	10L8	F15	F	F								2	
370	Lunetta	Pep	43H7	W15	F	F								2	
371	Lupton	Walter	10L6	E16	P									1	
372	Lusby	Rowan	40L8	M15	F	PP								3	
373	Lykins	Joe	40H7	F15	F	PPP								4	
374	McCarroll	Loy	11H7	F15	P	PPPP									*
375	McClanahan	Benton	40H8	M15	F	PPPP									*
376	McCormack	Leon	99L7	E16	P									1	
377	McCoy	Chas.	40H8	F15	F	PPPP									*
378	McCracken	Floyd	99H8	W15	P	PPPP									*
379	McCurdy	Arden	21L7	W14	F	PP								3	
380	McDougall	Fred	44L6	W17	F									1	
381	McDowell	Elwyn	10H7	E16	P	PPPPPP									*
382	McDowell	Leo	40L9	W17	F	P								2	
383	McDowell	Taylor	40H7	E17	P									1	
384	McDuffie	Harold	43L9	M16	P									1	
385	McFadden	Oscar	99H8	F16	P	PP								3	
386	McFrancis	Robt.	41L9	A16	F	PPPP									*
387	McGee	H. B.	43H7	E17	P	PPPP									*
388	McGuire	Clifford	10L8	M17	P	P								2	
389	McLean	John E.	99H10	P17	F									1	
390	McMichael	Clyde	21H6	M16	F	PPF								4	
391	McMurray	Gyle	21H7	F14	F	P								2	
392	McNeeley	David	40H8	A14	P	PP								3	
393	Mace	Thomas	45L7	M15	P	F								2	
394	Maddox	W. H.	40L8	E17	F	PPPPPP								7	
395	Magill	Elvin C.	11H6	W15	F									1	
396	Mahan	Charley	99H9	M18	P	PPPPPP									*

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								7	8	9	10	11	12		13
X		I	2	3	4	5	6	7	8	9	10	11	12	13	14
505	Powell,	Jack	99H6	W16	P	F									2
506	Powell,	Robert	40L8	A16	F										1
507	Prater,	Claude	46H7	A15	P										1
508	Prato,	Orville	44H6	M15	F	F									2
509	Preston,	Glen	99H5	M15	F										1
510	Price,	Arico	30L5	W14	F	FF									3
511	Price,	Donald	21H5	W14	F										1
512	Price,	Iris	9L5	W14	F										1
513	Pringle,	Raymond	10L8	E15	F										1
514	Pritchett,	Hamilton	13L7	M14	P	P									2
515	Pruden,	Frank	41	9	F15	F	P								2
516	Puckett,	Utley	9L6	M15	P	PPPP									5
517	Pye,	Harmon	40H8	F20	P	PPPP									*
518	Ransom,	Lyle	42L8	M16	P	PP									3
519	Ratcliff,	Howard	13L6	W14	P										1
520	Ratcliff,	Joe	42H7	A16	F										1
521	Reams,	Murrell	40L8	E14	F	P									2
522	Reeder,	Burk	43H7	A16	P	PPPP									4
523	Reeder,	Miles	40L9	A16	P	PP									3
524	Redmond,	M. J.	21H6	F14	F	PF									3
525	Reinhardt,	Leonard	40L7	E14	F	PPPPFF									*
526	Rice,	Vernon	47H6	A15	F										1
527	Richardson,	H. T.	21H6	M15	F										1
528	Richardson,	Jack	99H10	M16	P	P									2
529	Richardson,	Robert	20H6	M14	P	PPPP									*
530	Richardson,	Russell	13L6	A16	P	PP									3
531	Riddell,	Harry	40L9	M18	F	PPPPP									*
532	Riggins,	Ernest	28H6	E15	P	P									2
533	Ring,	John	21L7	F16	F	P									2
534	Roberson,	John	9H5	W15	P	PPPPFP									*
535	Roberts,	Ernest	5H5	M14	F	FF									3
536	Robinson,	Jack	40L7	W14	P	PPPP									*
537	Rodgers,	Billy	40H9	W16	P	PP									3
538	Rodriguez,	Pedro	5H6	A14	P										1
539	Rogers,	Wm.	43L8	E15	P	PPPP									*
540	Rothrock,	Geo.	42H9	M18	P	PPPP									*

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X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
613	Straughon,	Roy	14H6	M16	F									1	
614	Strickland,	Richard	13H7	P14	P			PPPP							*
615	Stroder,	Oran	44H7	M17	F			FPT						4	
616	Strong,	Calvin	9H5	M14	F			P						2	
617	Stroud,	Fred	46H7	A14	F			F						2	
618	Sullivan,	Chas.	40H7	W17	F			F						1	
619	Sutton,	Robert	40L7	E15	F			FF						3	
620	Swinney,	Cleatus	21H7	P15	P			P						1	
621	Taber,	Johnnie	40H7	P15	F			PP						3	
622	Taff,	George	40L8	W16	P			PPPP							*
623	Talley,	Norman	21H7	P15	P									1	
624	Talley,	Travis	99H7	P16	P			PPP						4	
625	Taylor,	Fred	40H7	E18	F			PPPP							*
626	Tenison,	J. D.	99H7	E14	P			PP						3	
627	Tenison,	Chas.	99H8	A16	P			PPPP							*
628	Terhune,	Harry	99H7	A16	P			PPPP						5	
629	Terrell,	Paul	40H7	A18	F			PPPPP							*
630	Thomas,	Darwin	99L6	W14	P			PP						3	
631	Thomas,	Edwin	16H6	M16	P			P						2	
632	Thomas,	Evell	2L6	W15	P									1	
633	Thomas,	Frank	2H6	A15	P			FPPP						5	
634	Thomas,	Norris	40H6	E14	F			P						2	
635	Thornton,	Curtis	43L8	A15	P									1	
636	Tidwell,	Albert	9H5	M14	F									1	
637	Tidwell,	Leroy	10L8	M15	P									1	
638	Tiechman,	Rudolph	42H8	A16	F			PP						3	
639	Tilford,	Henry	40L8	M15	P			PPPP							*
640	Toal,	Edison	45L8	M14	P			PPPP							*
641	Tong,	Jeff	99H6	A16	P			PPP						4	
642	Torres,	Ezekiel	99H5	A16	P			PPPP							*
643	Towson,	Greer	28H6	A14	F									1	
644	Trejo,	Abundie	2H6	A16	P			PFF						4	
645	Trejo,	Rito	40H7	A17	P			F						2	
646	Truitt,	Paul	5L7	W14	P			PPPPP							*
647	Tucker,	J. M.	40H7	M15	F			P						2	
648	Turbeville,	Morgan	47H7	A16	F			F						2	

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X	1		2	3	4	5	6	7	8	9	10	11	12	13	14
649	Turley, Fred		40L8	P14	P		P	P	P	P	P	P	P		*
650	Turner, Oscar		40H8	M14	P		P	P	P	P	P				*
651	Vandiver, Raymond		40L8	P15	P		P	P	P					3	
652	Vasquez, Frank		2L6	W14	P		P	P						3	
653	Vasquez, Robert		14L5	W14	F		P	P						3	
654	Veatch, J. T.		12H6	P15	P		P	P						3	
655	Verner, Jack		9L6	M15	P		P	P						3	
656	Vick, Johnnie		2L6	M14	P									1	
657	Vogt, Virgil		47H7	M14	P		P	P	P	P					*
658	Waggoner, Joseph		46H9	A16	P		P	P	P	P					*
659	Wakefield, Robert		12L7	P15	P		P	P	P	P					*
660	Walker, Sam		2H6	P14	P		P							1	
661	Wallace, Aubrey		9L6	P14	P		P	P	P					4	
662	Walls, Jacob		40H8	A14	P		P	P	P	P					*
663	Ward, Steve		21H8	P16	F		P	P						3	
664	Warncke, Ralph		99L11	W17	P		P	P	P	P					*
665	Warnick, Archie		30H5	W14	P		P							1	
666	Warren, Ardis		42L9	P18	P		P							2	
667	Watkins, Hogan		43H9	E16	P		P	P	P	P					*
668	Watkins, M. D.		21H8	P16	P		P	P	P	P					*
669	Watson, Floyd		99H7	P15	P		P	P	P	P				3	
670	Weatherby, Max		2H6	M15	P		P	P						3	
671	Weatherford, David		40L8	W14	F									1	
672	Weir, Edgar Lee		13H7	P15	P		P	P						3	
673	Williams, Roy		43H9	M17	P		P							1	
674	West, Andrew		2L7	W14	P		P							2	
675	West, Floyd		42H8	A18	F		P	P						3	
676	West, Jim		42H10	A18	P		P	P						2	
677	West, J. T.		12H5	A16	F		P	P						3	
678	Westmoreland, Kenneth		33L6	E18	P		P							1	
679	Whalin, Paschal		5H6	W14	P		P							1	
680	White, James		40L8	E16	F		P	P	P					4	
681	White, J. D.		41L9	M17	F		P	P	P	P					*
682	White, Woodrow		44H7	M15	F		P							2	
683	Whitehurst, Louis		28H6	E15	P		P	P						3	
684	Whitsel, James		40L7	W15	F		P	P	P					4	

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