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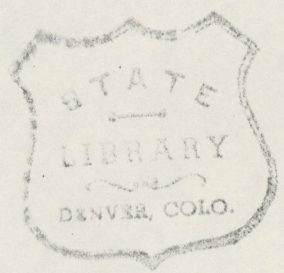
October, 1969

COLORADO PUBLIC SCHOOL DROPOUT DATA  
1968 - 69  
(Sixth Annual Report)

INTRODUCTION:

This report provides comparative dropout rate tables compiled from information submitted on Form CDE 2 by all public schools having students in grades 7-12 in Colorado. The Definitions and Interpretation of Dropout Rate Calculations are included to provide an explanation of the terms and rates reported.

Tables I through IV provide basis for comparing district rates with state, region, and size category data. Table V provides for comparing school rates with comparable grade levels statewide. Tables VI and VII provide longitudinal statewide data for 1963-64 to 1968-69. In Table VIII you will find comparable data for four years in Selected Title I and Non-Title I districts.





COLORADO DEPARTMENT OF EDUCATION  
DIVISION OF CURRICULUM SERVICES  
1601 East Colfax  
Denver, Colorado 80202

October, 1968

COLORADO PUBLIC SCHOOL DROPOUT DATA

(Sixth Annual Report)

INTRODUCTION

This report provides comparative dropout rates for public schools in Colorado for the years 1963-64 through 1967-68. The data are based on information submitted on Form CDE-2 by all public schools having students in grades 7-12 in Colorado. The following information is included in this report: (1) a table of dropout rates for each year; (2) a table of dropout rates by grade level; (3) a table of dropout rates by sex; and (4) a table of dropout rates by race. An explanation of the terms and rates reported is provided.

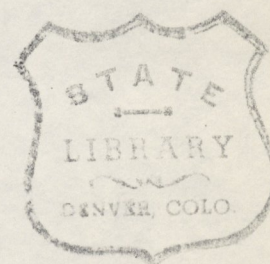
Table I through IV provide data for comparative dropout rates with state, national and city averages. Table V provides for comparing school rates with comparable grade levels statewide for 1967-68. Table VI provides comparative statewide data for 1967-68 to 1968-69. In Table VII you will find comparative rates for four years in selected cities and for 11 selected counties.

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## TABLE OF CONTENTS

	Page
Definitions Related to the Reporting of Dropout Statistics . . . . .	2
Interpretation of Dropout Rate Calculations . . . . .	3
Table I      Statewide Dropout Rates, 1968-69 . . . . .	5
Table II     Number of Dropouts by Grade and Sex, 1968-69 . . . . .	5
Table III    Dropout Rate by Size of District, 1968-69	
A. Number of Students, Dropouts, and Unknown . . . . .	6
B. Rate Data . . . . .	6
Table IV     Dropout Rate Data by Geographic Area, Grades 7-12, 1968-69. 7	7
Table V     Colorado Dropout Rates by Selected Grade Level Combinations, 1968-69 . . . . .	9
Table VI     Colorado Dropout Rates, 1963-64 - 1968-69 . . . . .	10
Table VII    Number and Percent of Dropouts by Sex, 1963-64 - 1968-69 . 10	10
Table VIII   Comparison of Dropout Rates of Title I and Non-Title I High Schools in Selected Districts, 1965-66 - 1968-69 . . . . .	11
Listing of Title I and Non-Title I Schools Included in Table VIII . . . .	12





DEFINITIONS RELATED TO THE REPORTING OF DROPOUT STATISTICS

1. MEMBERSHIP (M) is defined as the number of pupils belonging to a class or school. A student is counted as a member from the date he presents himself at the school and is placed on the current roll until he permanently leaves the class or school for one of the causes recognized as sufficient by the school system.
2. UNKNOWN (U) is a withdrawal for whom transfer or dropout status is unknown.
  - a. Unless there is evidence to the contrary, any withdrawals from 10-12 for whom no transcript is requested by another school should be considered a dropout.
  - b. Some pupils may withdraw too late in the school year (last month) for the school to receive a request for a transcript. In such cases the school personnel should use their judgment in identifying the pupil as a transfer or a dropout.
3. DROPOUT is a pupil who leaves a school, for any reason except death, before graduation (from grade 12) or completion of a program of studies without transferring to another school.

Some specific interpretations of this definition can serve as guides to consistent use of the definition:

- a. Pupils who do not attend any school after the summer vacation are counted as dropouts from the grade they would have entered had they returned to school.
- b. Pupils who withdraw after completion of Special Education or specialized training programs that culminate in less than twelve years of education are dropouts.
- c. Pupils who are committed to mental or correctional institutions that do not maintain educational programs are dropouts. If the institution does maintain an educational program, the pupil is a transfer.
- d. Pupils who have prolonged absence due to health reasons and who are not on the school's membership list at the end of the school year are dropouts.
- e. Pupils who transfer to educational programs recognized by the local district are not dropouts. This includes pupils who receive home or hospital instruction under the supervision of the school, those who enroll in private or parochial schools, and those who leave school for early admission to college.



- f. Pupils who leave school and enter programs that do not normally lead to a high school diploma are dropouts. This includes pupils who enter private vocational schools or the armed forces.
- g. Pupils who receive any form of certificate (such as an attendance certificate) or other formal recognition at the end of the 12th grade level are not dropouts.
- h. Pupils who are expelled or excluded from school, and who are not included in the school's membership at the end of the school year, are dropouts.

### INTERPRETATION OF DROPOUT RATE CALCULATIONS

#### GRADE HOLDING POWER (H)

The grade holding power is the proportion of pupils held in school at one grade level. It can be used to identify the grade levels of highest and lowest proportion of dropout.

#### PROJECTED DROPOUT RATE (PD)

The projected dropout rate indicates the cumulative effect of dropout that occurred in one year. It is comparable to the results of longitudinal dropout studies and also comparable to national statistics which indicate the percentage of pupils who drop out. It answers the question, "What proportion of our pupils would be dropouts under the current holding power conditions?"

A minimum projected dropout rate is calculated by considering all unknown withdrawals as transfers.

A maximum projected dropout rate is calculated by considering all unknown withdrawals as dropouts.

The true dropout rate is between these minimum and maximum rates.

(When no unknowns are reported for grades 10-12, an actual dropout rate for grades 10-12 can be calculated. If any unknowns are reported for grades 10-12, no actual rate will appear on Colorado Department of Education calculation reports.)

#### EDUCATIONAL POTENTIAL RATE (E)

Educational potential rate is the percentage of total potential years of education that would be accomplished by pupils from the end of one grade level to the end of some subsequent grade level, under the holding power conditions that exist during one school year.

As an example - one hundred pupils entering a three-year school have a



potential of 300 pupil-years of education. An educational potential rate of 90 percent indicates that 270 of the 300 pupil-years of education would be accomplished under existing holding power conditions.

This rate has its primary use in the evaluation of experimental programs designed to increase holding power. If pupils are held in school longer before they drop out, the educational potential rate will change even if the dropout rate does not change.

#### ANNUAL DROPOUT RATE (A)

The annual dropout rate is the percentage of the total membership of a school or school district that dropped out in one year. This rate is a useful research tool, but it is important to note that it does not indicate the cumulative effect of dropout and it is not comparable to national dropout rate figures.

This rate can be figured for special groups of students, such as "ungraded" and Special Education.

A comprehensive explanation of the calculations included formulas and work sheets for making the calculations is available from the Division of Guidance Services in the publication, "Definitions and Calculations for Dropout Studies."



TABLE I

STATE-WIDE DROPOUT RATES - GRADES 7-12  
1968-69

	Projected		Educational Potential Rate	Annual Dropout Rate
	Minimum - %	Maximum - %		
Male	25.8	--	90.3	4.6
Female	20.4	--	92.5	3.6
Special Ed.	--	--	--	10.5
TOTAL	23.2	24.4	91.4	4.1

TABLE II

NUMBER OF DROPOUTS BY GRADE AND SEX  
1968-69

	7	8	9	10	11	12	Special Ed.	Un- grad- ed	Total
Male	48	124	406	1443	1834	1405	123	3	5386
Female	37	69	273	1059	1313	1085	143	1	3980
TOTAL	85	193	679	2502	3147	2490	266	4	9366

	Holding Power by Grade					
	7	8	9	10	11	12
Male	.998	.994	.980	.927	.927	.914
Female	.998	.996	.986	.944	.925	.930
TOTAL	.998	.995	.983	.935	.912	.922



TABLE III

DROPOUT RATE DATA BY SIZE OF DISTRICT  
1968-69

## A. Number of Students, Dropouts, and Unknowns

	Size Category	No. of Students		
		End-of-Year Membership	No. of Dropouts	No. of Unknowns
Size 1	1 - 99	2,914	49	3
Size 2	100 - 299	8,077	139	13
Size 3	300 - 999	23,400	781	86
Size 4	1000 - 4999	61,281	2,178	211
Size 5	5000 and over	124,085	6,219	312
STATE TOTAL		219,757	9,366	625

## B. Rate Data

	Projected Minimum - %			Projected Maximum - %	Educational Potential Rate - %			Annual Dropout Rate - %		
	M	F	T	T	M	F	T	M	F	T
Size 1	11.1	8.6	9.8	10.4	96.0	95.9	96.0	1.8	1.4	1.7
Size 2	10.0	10.0	10.0	10.8	95.8	95.8	95.8	1.7	1.7	1.7
Size 3	19.5	17.6	18.7	20.3	91.6	92.3	91.8	3.4	3.0	3.2
Size 4	21.5	18.4	20.1	21.5	91.3	93.4	92.3	3.8	3.1	3.4
Size 5	30.2	22.6	26.5	27.5	89.1	91.9	90.5	5.5	4.0	4.8
STATE TOTAL	25.8	20.4	23.2	24.4	90.3	92.5	91.4	4.6	3.6	4.1



TABLE IV

DROPOUT RATE DATA BY GEOGRAPHIC AREA - GRADES 7-12  
1968-69

Area (Counties)	No. of Students			Projected Minimum - %			Projected Maximum - %	Educational Potential Rate - %			Annual Dropout Rate - %		
	End-of-Year Membership	No. of Dropouts	No. of Unknowns	Projected Minimum - %			Projected Maximum - %	Educational Potential Rate - %			Annual Dropout Rate - %		
				M	F	T	T	M	F	T	M	F	T
1. NORTHERN (Boulder, Larimer, Weld)	28,081	930	25	20.0	16.4	18.3	18.6	91.8	94.0	92.9	3.6	2.8	3.2
2. DENVER METROPOLITAN (Adams, Arapahoe, Clear Creek, Denver, Douglas, Gilpin, Jefferson)	106,545	5,636	438	32.1	23.8	28.1	29.7	88.3	91.5	89.9	5.8	4.2	5.0
3. COLORADO SPRINGS - PUEBLO METROPOLITAN (El Paso, Pueblo, Teller)	35,312	1,271	15	22.1	18.1	20.2	20.3	91.8	93.5	92.6	3.8	3.1	3.5
4. ARKANSAS VALLEY (Baca, Bent, Crowley, Kiowa, Otero, Prowers)	6,607	209	6	20.3	14.6	17.8	18.2	90.9	93.4	92.0	3.1	2.5	3.1
5. SOUTHERN (Custer, Fremont, Huerfano, Las Animas)	4,500	169	14	20.1	20.1	20.2	21.7	92.3	91.4	91.8	3.6	3.7	3.6
6. SAN LUIS VALLEY (Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache)	4,652	194	19	22.2	23.6	22.9	24.3	89.3	89.3	89.3	3.9	4.1	4.0
7. NORTHEASTERN (Logan, Morgan, Phillips, Sedgwick, Washington, Yuma)	7,600	138	17	9.5	10.9	10.3	11.2	96.0	95.9	96.0	1.6	2.0	1.8



TABLE IV - Continued

Area (Counties)	No. of Students End-of-Year Membership	No. of Dropouts	No. of Unknowns	Projected Minimum - %			Projected Maximum - %	Educational Potential Rate - %			Annual Dropout Rate - %		
				M	F	T	T	M	F	T	M	F	T
8. EASTERN (Cheyenne, Elbert, Kit Carson, Lincoln)	2,213	27	0	6.9	7.4	7.1	7.1	97.7	97.6	97.7	1.1	1.3	1.2
9. SAN JUAN BASIN (Archuleta, Dolores, La Plata, Montezuma)	4,692	150	11	13.1	22.1	17.6	18.7	93.6	90.6	92.1	2.2	4.0	3.1
10. WESTERN (Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Juan, San Miguel)	11,532	422	51	20.8	18.7	19.8	21.6	91.8	93.0	92.4	3.8	3.3	3.5
11. COLORADO RIVER VALLEY (Chaffee, Eagle, Garfield, Lake, Park, Pitkin, Summit)	5,158	169	26	21.2	15.3	18.1	20.5	91.6	92.9	92.4	3.6	2.7	3.2
12. NORTHWESTERN (Grand, Jackson, Moffat, Rio Blanco, Routt)	2,865	51	3	11.9	9.2	10.5	10.9	95.8	97.0	96.4	1.9	1.6	1.7
TOTALS	219,757	9,366	625	25.8	20.4	23.2	24.4	90.3	92.5	91.4	4.6	3.6	4.1



TABLE V

COLORADO DROPOUT RATES BY SELECTED GRADE LEVEL COMBINATIONS  
1968-69

Grade Combinations	Enrollment	No. of Dropouts	Minimum Projected Dropout Rate - %	Annual Dropout Rate - %
Grades 7-8	(M) 40,540	172	0.8	0.4
	(F) 39,203	106	0.6	0.3
	(T) 79,743	278	0.7	0.3
Grades 7-9	(M) 60,350	578	2.8	1.0
	(F) 58,546	379	2.0	0.6
	(T) 118,896	957	2.4	0.8
Grades 9-12	(M) 69,807	5,088	25.2	7.3
	(F) 67,877	3,730	19.9	5.5
	(T) 137,684	8,818	22.7	6.4
Grades 10-12	(M) 49,997	4,682	23.7	9.4
	(F) 48,534	3,457	18.8	7.1
	(T) 98,531	8,139	21.5	8.3
Grades 7-12	*(M) 111,711	5,386	25.8	4.6
	*(F) 108,046	3,980	20.4	3.6
	*(T) 219,757	9,366	23.2	4.1

(\* ) Includes Secondary Level Special Education Students and Ungraded Secondary Level Students



TABLE VI

COLORADO DROPOUT RATES  
1963-64 - 1968-69

Year	Grade Holding Power						*Projected Dropout Rate-%	Educational Potential Rate-%	Annual Dropout Rate-%
	7	8	9	10	11	12			
1963-64	.995	.990	.970	.934	.927	.931	23.0	90.4	4.0
1964-65	.995	.990	.974	.934	.923	.935	22.7	90.6	4.0
1965-66	.997	.992	.978	.932	.922	.929	22.8	90.9	4.0
1966-67	.997	.993	.980	.936	.918	.928	22.6	91.2	4.0
1967-68	.997	.995	.983	.935	.917	.924	22.8	91.4	4.0
1968-69	.998	.995	.983	.935	.912	.922	23.2	91.4	4.1

\*All figures in this table are minimum (unknowns are not included).

TABLE VII

NUMBER AND PERCENT OF DROPOUTS BY SEX  
1963-64 - 1968-69

Year	Male		Female		Total	
	No.	%	No.	%	No.	%
1963-64	4,574	59.2	3,149	40.8	7,723	100.0
1964-65	4,778	59.3	3,275	40.7	8,053	100.0
1965-66	4,879	59.5	3,324	40.5	8,203	100.0
1966-67	5,005	59.7	3,385	40.3	8,390	100.0
1967-68	5,099	57.7	3,741	42.3	8,840	100.0
1968-69	5,386	57.5	3,980	42.5	9,366	100.0

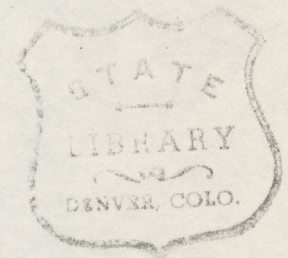




TABLE VIII

A COMPARISON OF DROPOUT RATES OF TITLE I AND NON-TITLE I HIGH  
SCHOOLS (10-12) IN SELECTED DISTRICTS AND STATE RATES (10-12)  
1965-66 - 1968-69

PROJECTED DROPOUT RATE (Percent)		Title I (selected)	Non-Title I (selected)	State
(M)	1965-66	36.4	21.1	22.9
	1966-67	35.6	21.7	23.1
	1967-68	35.0	22.1	24.0
	1968-69	38.4	26.4	23.7
(F)	1965-66	27.3	13.1	17.3
	1966-67	26.6	12.9	17.2
	1967-68	26.7	16.5	18.3
	1968-69	30.8	15.5	18.8
(T)	1965-66	32.0	17.3	20.2
	1966-67	31.3	17.6	20.3
	1967-68	31.0	19.5	20.8
	1968-69	34.7	21.2	21.4
EDUCATIONAL POTENTIAL RATE				
(Percent)				
(M)	1965-66	73.5	86.5	84.1
	1966-67	74.8	86.0	83.8
	1967-68	76.4	86.3	84.1
	1968-69	76.5	85.1	84.2
(F)	1965-66	81.2	91.6	88.5
	1966-67	81.8	92.1	88.7
	1967-68	82.1	90.0	88.0
	1968-69	80.4	90.4	87.6
(T)	1965-66	77.2	88.9	86.3
	1966-67	78.2	88.9	86.4
	1967-68	79.2	88.1	86.1
	1968-69	78.3	88.1	85.8
ANNUAL DROPOUT RATE				
(Percent)				
(M)	1965-66	14.1	7.5	8.3
	1966-67	13.7	7.8	8.4
	1967-68	12.6	6.9	9.0
	1968-69	12.7	7.9	9.4
(F)	1965-66	10.0	4.6	6.1
	1966-67	9.8	4.5	6.0
	1967-68	9.5	4.9	6.9
	1968-69	10.5	4.9	7.1
(T)	1965-66	12.1	6.1	7.3
	1966-67	11.8	6.2	7.3
	1967-68	11.1	6.0	8.0
	1968-69	11.6	6.4	8.3



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