

R E P O R T R E S U M E S

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CURRENT STATUS OF PSYCHOLOGICAL AND ACHIEVEMENT TESTING OF DEAF MINORS ENROLLED IN SPECIAL DAY CLASSES AT THE SECONDARY LEVEL (GRADES 7-12) FOR THE SCHOOL YEAR 1964-65.

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DESCRIPTORS- \*EXCEPTIONAL CHILD EDUCATION, \*AURALLY HANDICAPPED, \*TESTS, DEAF, HARD OF HEARING, SECONDARY SCHOOL STUDENTS, SPECIAL CLASSES, PSYCHOLOGICAL TESTS, INTELLIGENCE TESTS, ACHIEVEMENT TESTS, STATISTICAL SURVEYS, TESTING PROGRAMS, WECHSLER INTELLIGENCE SCALE FOR CHILDREN, CALIFORNIA PUBLIC SCHOOLS, CALIFORNIA ACHIEVEMENT TEST,

THE FOLLOWING CHARACTERISTICS OF 262 DEAF AND HARD OF HEARING STUDENTS (GRADES 7 TO 9) IN THE CALIFORNIA PUBLIC SCHOOLS ARE PRESENTED IN TABLE FORM-- (1) THE TEST USED TO SECURE AN INTELLIGENCE QUOTIENT AND THE NUMBER OF PUPILS TESTED, (2) THE YEAR THE IQ TEST WAS GIVEN AND THE NUMBER OF PUPILS TESTED, (3) ACHIEVEMENT TESTS USED AND THE NUMBER OF PUPILS TESTED, (4) THE YEARS IN WHICH THE ACHIEVEMENT TEST WAS GIVEN AND THE NUMBER OF PUPILS TESTED, (5) THE AGE AT WHICH THE WECHSLER INTELLIGENCE SCALE FOR CHILDREN (WISC) WAS GIVEN, (6) THE NUMBER OF YEARS IN SCHOOL OF THE WISC GROUP, (7) AVERAGE NUMBER OF MUNUTES WITH THE SPECIAL TEACHER OF THE WISC GROUP, (8) THE DISTRIBUTION OF IQ RANGE MEASURED BY THE PERFORMANCE SCALE (PS) OF THE WISC ON 72 PUPILS, (9) REPORTED SCORES IN VOCABULARY, PARAGRAPH COMPREHENSION, AND SPELLING ON THE CALIFORNIA ACHIEVEMENT TEST AND IQ SCORES AS MEASURED ON THE WISC-PS FOR PUPILS, (10) DISTRIBUTION BY AGE AND SEX OF INDIVIDUALS HAVING HEARING AIDS, AND (11) AGE DISTRIBUTION BY BIRTH YEAR OF WISC GROUP. A COPY OF THE QUESTIONNAIRE FORM IS INCLUDED. (RS)

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STATE OF CALIFORNIA  
DEPARTMENT OF EDUCATION

721 CAPITOL MALL, SACRAMENTO 95814

**TO:** County and District Superintendents of Schools Maintaining  
Special Day Classes or Schools for the Deaf and Severely Hard  
of Hearing, Directors of Special Education and Principals  
Having Administrative Responsibility for Such Programs

**FROM:** Gordon M. Hayes and Barry L. Griffing, Consultants in  
Education of the Deaf and Hard of Hearing

**SUBJECT:** Status of Psychological and Achievement Testing of Deaf  
Minors Enrolled in Special Day Classes at the Secondary  
Level (Grades 7-12) in California Public Schools for the  
1964-65 School Year.

The following information was extracted from information provided  
by district and county superintendents of schools providing special day  
classes and special day schools for deaf and for severely hard of hearing  
minors for the 1964-65 school year.

A copy of the form used to secure this information is attached.

Of the 2,813 deaf and severely hard of hearing minors enrolled  
in special day classes and special day schools, information on 262 minors  
at the secondary level (grades 7-12), identified by their teachers as  
deaf, was keypunched and data processed.

No attempt was made to analyze statistically the information  
secured, but rather to present to the statewide community the current  
status of psychological and achievement testing of deaf minors at the  
secondary level in California public schools.

Approved:

Charles W. Watson, Chief  
Bureau for Physically Exceptional Children

GMH:rk  
Attachment

ED017078

**U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE  
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**CURRENT STATUS OF PSYCHOLOGICAL AND ACHIEVEMENT TESTING  
OF DEAF MINORS ENROLLED IN SPECIAL DAY CLASSES  
AT THE SECONDARY LEVEL (GRADES 7-12)  
FOR THE SCHOOL YEAR 1964-65**

**Prepared by**

**Gordon M. Hayes and Barry L. Griffing  
Consultants in Education of the Deaf and Hard of Hearing**

Test Used to Secure an Intelligence Quotient  
And the Number of Pupils Tested

<u>Code Number</u>	<u>Name of Test</u>	<u>Number of Children Tested</u>
160	Columbia Mental Maturity Scale	1
152	Weschler Intelligence Scale for Children	4
151	Weschler Intelligence Scale for Children (Performance Only)	72
141	Weschler-Bellevue Intelligence Scale	4
130	Vineland Social Maturity Scale	1
121	Science Research Associates - Non-Verbal	3
110	Revised Beta Examination	3
102	Otis Test of Mental Ability - Intermediate	1
101	Otis Test of Mental Ability - Advanced	4
90	Ontario School Ability Examination	29
80	Nebraska Test of Learning Aptitude	8
70	Merrill-Palmer Scale of Mental Tests	2
60	Leiter International Performance Scale	26
51	Henmon-Nelson Tests of Mental Ability	7
40	Goodenough Draw-a-Man Test	5
30	California Test of Mental Maturity (Short Form)	38
20	Bender Visual Motor Gestalt Test	1
12	Arthur Point Scale of Performance Test II	1
10	Arthur Point Scale of Performance Test I	14
		<hr/>
		224
	No I.Q. Test Recorded	33
	No I.Q. Test Name Given	5
		<hr/>
	Total	262

Year I.Q. Test Given and Number of Pupils Tested

<u>Year</u>	<u>No. Tested</u>
1964	28
1963	64
1962	28
1961	28
1960	20
1959	12
1958	8
1957	11
1956	11
1955	6
1954	4
1953	2
1952	0
1951	1
1950	<u>1</u>
Number	224
No Test Given	32
No Code Number Given	<u>6</u>
Total	262

Achievement Tests Used  
And Number of Pupils Tested

<u>Code Number</u>	<u>Name of Test</u>	<u>Number of Children Tested</u>
90	Otis	1
80	Wide Range Achievement Test	11
73	Stanford Advanced	9
72	Stanford Achievement - Intermediate Form L	17
71	Stanford (Form not reported)	1
62	SRA (Form not reported)	2
61	SRA (A)	1
55	Metropolitan Achievement Tests (AM)	1
54	Metropolitan Achievement Tests Form R	6
53	Metropolitan Achievement Tests El Form B	4
40	Iowa	1
30	Gates	6
14	CAT-Advanced	5
13	California Achievement - Intermediate	85
12	California Achievement	52
11	California Achievement El Form CC	11
10	CTMM	2
		<hr/>
		215
	No Test	<hr/>
		47
	Total	<hr/>
		262

**Year in Which Achievement Tests Were Given**  
**By Year and Number of Pupils Tested**

Test Code Number	Year Given						No Date	Total
	1959	1960	1961	1962	1963	1964		
90					1			1
80						10	1	11
73					9			9
72				1	10	6		17
71						1		1
62					1	1		2
61					1			1
55					1			1
54				3	3			6
53					2	2		4
40					1			1
30					1	5		6
14					4	1		5
13				6	61	17	1	85
12	1		2	5	21	22	1	52
11				2	4	5		11
10					2			2
<b>Totals</b>	<b>1</b>		<b>2</b>	<b>17</b>	<b>122</b>	<b>70</b>	<b>3</b>	<b>215</b>
					<b>No Test Given</b>			<b>47</b>
					<b>Total</b>			<b>262</b>

Age at Which WISC Test (I.Q.) Given

	<u>Age</u>	<u>No.</u>
	5	1
	6	-
	7	-
	8	-
	9	5
	10	4
	11	10
Lowest age of WISC )--	12	10
Group as of school )		
year 1964-65 )	13	14
	14	13
	15	5
	16	5
	17	4
	18	<u>1</u>
	<b>Total</b>	<b>72</b>



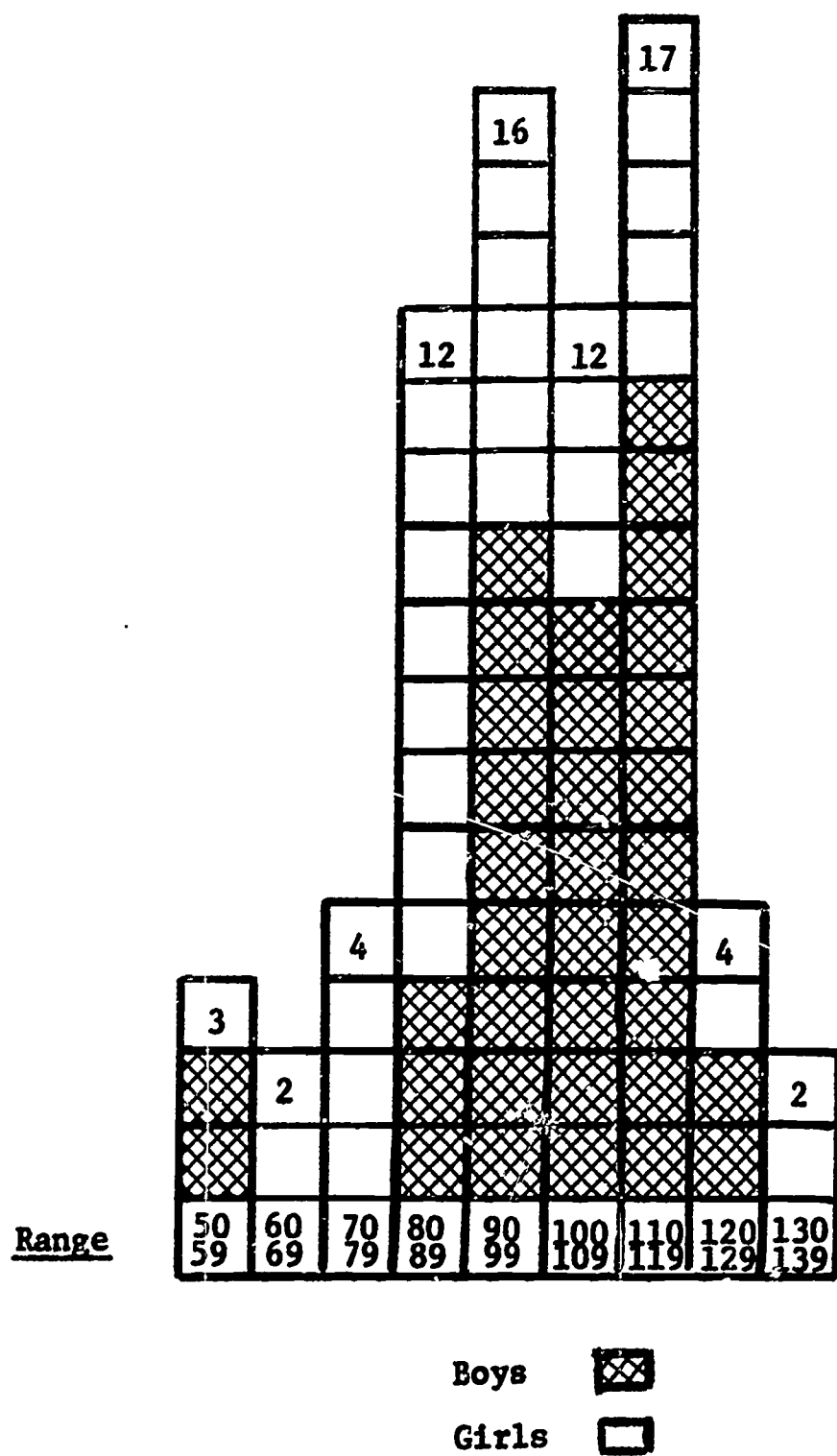
Number of Years in School of WISC Group

<u>No. Years</u>	<u>No. Students</u>
6	3
7	7
8	12
9	4
10	13
11	9
12	9
13	6
14	1
15	<u>1</u>
	65
Not Reported	<u>7</u>
Total	72

Average No. Minutes With Special Teacher  
Of WISC Group

300	-	1
260	-	1
240	-	3
235	-	2
210	-	13
200	-	35
182	-	1
180	-	13
150	-	1
120	-	1
115	-	<u>1</u>
Total		72

Distribution of 1. Range as Measured on the Performance Scale  
Of the WISC on 72 Deaf Secondary Students in Special Day Classes  
In California Public Schools 1964-65



**Reported Scores in Vocabulary, Paragraph Comprehension, and Spelling  
on the California Achievement Test and I.Q. Score as Measured  
on the Performance of the Weschsler Intelligence Scale  
for Children of 27 Deaf Students Enrolled in  
Special Day Classes at the Secondary Level  
for the School Year 1964-65**

<b>Age at Time of Achievement Test</b>	<b>Vocabulary</b>	<b>Paragraph Comprehension</b>	<b>Spelling</b>	<b>I.Q.</b>
18-6	6.0	7.0	8.2	107
17-7	7.1	9.5	10.6	94
17-4	5.8	6.1	9.4	106
18-6	6.8	7.7	8.0	94
17-10	6.8	9.6	8.8	124
17-9	5.7	6.7	8.3	108
17-9	11.0	11.0	10.0	136
17-4	4.0	5.6	6.5	80
17-2	6.6	10.5	8.6	90
16-9	4.5	6.4	6.3	83
16-3	6.5	4.9	5.1	57
16-2	6.0	7.4	5.4	118
16-1	5.2	5.8	5.3	90
16-0	7.7	7.5	9.6	111
15-9	4.4	5.7	6.7	117
15-6	4.1	5.3	4.0	115
15-4	6.9	9.6	7.9	113
15-3	5.8	6.4	6.3	122
15-1	6.3	7.1	7.5	94
15-0	5.8	4.8	5.1	92
14-11	6.0	7.1	6.5	118
14-9	4.8	6.6	3.8	101
14-8	6.9	6.9	*	100
14-2	6.4	8.4	7.9	132
13-10	6.5	7.2	*	87
12-6	6.1	6.2	8.8	89
11-9	6.0	5.6	7.4	87

\*No score reported

**Distribution by Age and Sex in Answer to Question**  
**Has Individual Hearing Aid**

Age as of 9-1-64	MALE			Total
	Yes	No	Blank	
20	2	1	-	3
19	-	-	-	-
18	12	2	-	14
17	11	11	-	22
16	6	6	-	12
15	17	7	1	23
14	18	6	1	25
13	14	1	1	16
12	7	4	-	11
11	5	1	-	6
	92	39	3	134

Age as of 9-1-64	FEMALE			Total
	Yes	No	Blank	
20	3	-	-	3
19	2	-	-	2
18	7	1	1	9
17	13	2	1	16
16	17	7	-	24
15	19	2	-	23
14	17	1	-	18
13	22	2	1	25
12	6	1	-	7
11	2	-	1	3
	108	16	4	128

Age as of 9-1-64	TOTAL			Total
	Yes	No	Blank	
20	5	1	-	6
19	2	-	-	2
18	19	3	1	23
17	24	13	1	38
16	23	13	-	36
15	36	9	1	46
14	35	7	1	43
13	36	3	2	41
12	13	5	-	18
11	7	1	1	9
	200	55	7	262

Age Distribution by Birth Year of WISC Group

<u>Birth Year</u>	<u>Number</u>	<u>Age As of 1964</u>
1945	8	19
1946	8	18
1947	12	17
1948	10	16
1949	14	15
1950	7	14
1951	9	13
1952	<u>4</u>	12
	72	

California State Department of Education, Division of Special Schools and Services, BUREAU OF SPECIAL EDUCATION, 721 Capitol Avenue, Sacramento 14.

NAME OF PUPIL \_\_\_\_\_ Name and Address of School \_\_\_\_\_

1. Date of Birth \_\_\_\_\_

1.1 Hearing Loss

	125	250	500	1000	2000	4000	8000
R							
L							

1.6 Average number of minutes spent daily with special teacher \_\_\_\_\_

2. This pupil is:  
Deaf \_\_\_\_\_  
Hard of Hearing \_\_\_\_\_

1.2 Date of Test \_\_\_\_\_

3. I.Q. \_\_\_\_\_  
M.A. \_\_\_\_\_

1.3 Has Individual Hearing Aid

1.3.1 ..... Yes \_\_\_\_\_  
1.3.2 ..... No \_\_\_\_\_

3.1 C.A. at time of test \_\_\_\_\_

1.4 Total Years in School \_\_\_\_\_

3.2 Name of Test given \_\_\_\_\_

1.5 Total Length of School Day in minutes \_\_\_\_\_

3.3 Part of Test given \_\_\_\_\_

3.4 Date Test given \_\_\_\_\_

SE-29

(over)

4. Academic Grade Level of:

4.1 Reading Series \_\_\_\_\_

4.2 Social Studies \_\_\_\_\_

4.2.1 History \_\_\_\_\_

4.2.2 Geography \_\_\_\_\_

6. Grade Level Achievement in:

6.1 Arithmetic \_\_\_\_\_

6.2 Computation \_\_\_\_\_

6.3 Problem Solving \_\_\_\_\_

6.4 Name of Test given \_\_\_\_\_

6.5 Date Test given \_\_\_\_\_

5. Grade Level Achievement in:

5.1 Vocabulary \_\_\_\_\_

5.2 Paragraph Comprehension \_\_\_\_\_

5.3 Spelling \_\_\_\_\_

5.4 Name of Test given \_\_\_\_\_

5.5 Date Test given \_\_\_\_\_

Name of Teacher \_\_\_\_\_ Date \_\_\_\_\_