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ABSTRACT

The Fall, 1974 South Carolina Statewide Testing Program was administered to nearly all of South Carolina's fourth and seventh grade students and a sample of ninth and eleventh grade students participated in the testing program. There were 49,068 fourth graders, about 98 percent, and 53,662 seventh graders, about 99 percent, tested. A representative sample of the State's ninth and eleventh grade students, approximately 11 percent, were tested. The results provide a picture of the performance of fourth and seventh grade public school students in the State. Additionally, the sample of ninth and eleventh grade public school students allows their test scores to be generalized to the ninth and eleventh grade public school students in South Carolina. The Comprehensive Tests of Basic Skills (CTBS), Form S, were employed to measure student's knowledge in the areas of reading, language, mathematics, reference skills, science, and social studies. The CTBS has been standardized on the basis of a sample of approximately 150,000 students drawn from across the nation. South Carolina student CTBS scores were compared to the national medians. The comparisons showed that South Carolina's fourth, seventh, ninth, and eleventh grade students consistently scored lower than the national median. (Author/BJG)

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### ABSTRACT

FALL, 1974 SOUTH CAROLINA  
STATEWIDE TESTING PROGRAM

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ABSTRACT

Fall, 1974 South Carolina  
Statewide Testing Program

Prepared by  
John M. Finch

## ABSTRACT

### Fall, 1974 South Carolina Statewide Testing Program

The Fall, 1974 South Carolina Statewide Testing Program was administered in October, 1974. Nearly all of South Carolina's fourth and seventh grade students and a sample of ninth and eleventh grade students participated in the testing program. There were 49,068 fourth graders, about 98 percent, and 53,662 seventh graders, about 99 percent, tested.

Approximately 11 percent of the State's ninth and eleventh grade students were tested. The sample was chosen in such a manner as to insure that they would represent a cross section of all South Carolina ninth and eleventh grade students. The students' schools were chosen for testing on the basis of type of community, enrollment, and racial composition. A representative sample, rather than all students, was selected from grades nine and eleven because of limited resources.

The results of the 1974 South Carolina Statewide Testing Program provide a picture of the performance of fourth and seventh grade public school students in the State. Additionally, the carefully chosen representative sample of ninth and eleventh grade public school students allows their test scores to be generalized to the ninth and eleventh grade public school students in South Carolina.

The Comprehensive Tests of Basic Skills (CTBS), Form S, were employed to measure students' knowledge in the areas of reading, language, mathematics, reference skills, science, and social studies. The CTBS has been standardized on the basis of a sample of approximately 150,000 students drawn from across the nation. All fifty states and the District of Columbia are represented in the sample. The districts selected for inclusion in the national sample were chosen in such a manner as to provide a cross section of district size. Additionally, the type of community served (rural, urban) was taken into account. The sample was drawn to reflect the racial composition of the student population.

South Carolina student CTBS scores were compared to the national medians. The comparisons showed that South Carolina's fourth, seventh, ninth, and eleventh grade students consistently scored lower than the national median.

#### DESCRIPTION OF THE TEST\*

The Comprehensive Tests of Basic Skills, Form S, are composed of ten separate subtests that combine to yield Total Reading, Total Language, Total Mathematics, Reference Skills, Science and Social Studies scores. The Total Reading, Total Language, and Total Mathematics scores are combined to produce a Total Battery score. The battery total score, containing the largest number of items, is the most reliable score and should be the score used unless there is a definite need for a more specific measure.

The reading area contains reading vocabulary and reading comprehension tests. The reading vocabulary test requires the student to select a synonym for a word or words.

\*Source 1974 CTB McGraw Hill Catalog

presented in context. The reading comprehension test requires the student to read passages, letters, poems, and articles and to answer questions measuring literal recall, identification of main ideas, ability to draw conclusions, and other reading skills.

The language area contains language mechanics, language expression, and spelling tests. The language mechanics test measures student skills in capitalization and in punctuation. The language expression test measures various aspects of effective expression such as standard English usage, diction, and skill in organization. The spelling test measures ability to recognize correctly and incorrectly spelled words in sentence context.

The mathematics area contains mathematics computation, concepts and application. The computation test contains items requiring addition, subtraction, division, and multiplication. The concept and applications test yields two scores that measure the ability to recognize or apply appropriate concepts or techniques and the ability to solve problems.

Detailed information regarding the makeup of the test can be obtained by referring to the Examiner's Manuals and the Test Coordinator's Manual which classifies test items by process and content categories.

## STUDENT PERFORMANCE ON THE CTBS BY GRADE

### Grade Four

The results for grade four indicate that the State median is 3.4 compared to the national median of 4.1. Forty-one percent of the students had a battery total that placed them in the lower national quarter. Only 28 percent of the students scored above the national median. Of the three major subtests, scores are highest for language, lowest for math with reading in the middle.

### Grade Seven

The grade seven results show that the State median is 6.0 compared to the national norm of 7.1. The State is off-level testing for grade seven students. Level 2 is designed to measure achievement for grades 4.5 through 6.9. Level 3 includes a range of 6.5 to 8.9. Level 3 was not used for grade seven, level 2 having been used instead. The lower level form is more appropriate for it more closely approximates the level of achievement of South Carolina students than does the level 3 test as the average student is achieving at a level somewhat below grade seven. Since raw scores are converted to scale scores which are comparable across all test levels, comparisons with national norms are valid. Thirty-seven percent of the students are obtaining battery total scores that put them in the lower national quarter. Thirty-five percent of the students are scoring above the national median for the battery total. Mathematics has the smallest percentage of students above the median.

### Grade Nine

The grade nine median score was 7.9 compared to a national median of 9.1. As with grade seven, the State is making use of off-level testing. Thirty-eight percent of the students' scores fell in the lower national quarter. Thirty-seven percent scored above the median. A larger percentage of the students do better in reading and language than in mathematics.

## Grade Eleven

Test performance for grade eleven resulted in a State median battery total of 10.1 compared to a national median of 11.1. Thirty-seven percent of the students received scores that placed them in the lower national quarter. There were also thirty-seven percent of the students obtaining test scores above the national median. The percentage of students scoring above the median for the three subtests is highest for language, lowest for mathematics, with reading in the middle.

Form S of the CTBS is an expanded form which includes additional tests on science, social studies, and reference skills. These test scores are not included in the computation of the battery total score. "Reference skills" refers to the ability to use a dictionary, skill in locating sources in a library, and knowledge of the various parts of books, such as the table of contents and the index. The results show that South Carolina students are doing much better on the additional tests than on the total battery. The percentage of students obtaining scores above the median for science, social studies, and reference skills are, respectively, 37, 36, and 36 for grade four and 45, 40, and 46 for grade seven. Grade nine and eleven test results indicate that students also do better at those levels on the additional tests than they do on the battery total.

## DISTRICT COMPARISONS

The test results for a large number of districts can be expected to vary extensively. The variation should not be attributed to one district doing "better" than another, for districts vary in many ways. A high scoring district may only be doing as well as expected given variables beyond the control of the school. Comparisons should be made with districts most like the one being compared. If a ranking system was used with unadjusted scores, the lowest scoring district has approximately 96 percent of its students obtaining scores below the national median. The highest scoring district has approximately 62 percent of its students obtaining scores above the national median.

## PERFORMANCE OF TITLE I STUDENTS

The 1974 South Carolina Statewide Testing Program also measured the performance of the State's Title I students in grades four and seven. The Title I students for whom scores are reported were identified on the basis of their participation in Title I reading and mathematics programs.

Selection of Title I schools is based on an economic factor of low income. The criterion for establishing Title I reading and math programs in qualifying schools involves having 35 percent or more of a school's students achieving in the bottom national quarter as measured by a standardized test. Title I students are selected to participate in reading and math on the basis of being the most educationally deprived, which means, by definition, students who score low on standardized tests. As might be expected of disadvantaged students, most scored considerably below the national norms. At the grade four level, 96

percent of the students obtained scores below the national median. For grade seven, 95 percent of the students are in the lower half of the national distribution. This is indicative of the fact that schools are consistent with federal law in their procedure for selecting students for participation

### APTITUDE MEASURES

The Short Form Test of Academic Aptitude (SFTAA), Level 2, was the test used to obtain intelligence quotients as an indicator of ability. The average test score for the nation's children on the SFTAA is 100. For South Carolina, in the fourth grade, the average was approximately 92. As might be expected, the Title I students' average IQ was lower than the State average, their average being 82.

### SPECIFIC OBJECTIVES FOR ELEVENTH GRADERS

Many specific objectives of the South Carolina State Department of Education are referenced to the performance of 16 year old students. In the past, the State Department of Education has grouped the sixteen year olds from grade seven, nine and eleven together and used their aggregate performance as representative of sixteen year olds. This was not satisfactory, for it was readily misinterpreted as being a measure for all sixteen year olds. Recently, the Executive Planning Council has determined that the specific objectives would be redefined in terms of eleventh graders. Since the objective specifics that 75 percent of the students will have a grade equivalent of 6.0 or above in reading and mathematics and the eleventh graders have exceeded this criterion, these objectives have been achieved for reading and mathematics. Not all the specific objectives have been measured, although we are making progress in that direction.

Approximately 84 percent of South Carolina's eleventh grade students are reading above the 6.0 level and 88 percent have a mathematics score above that point. The grade equivalent at the first quartile (or 25th percentile) is 7.3 for reading and 7.0 for mathematics. Caution should be used in interpreting grade equivalents. A score of 6.0 is the score a typical sixth grader would expect to get on this eleventh grade test. This is not the same as an eleventh grader taking a sixth grade test and getting the average sixth grade score. When a grade eleven student scores 6.0, it does not mean he belongs in the sixth grade. All that can be said is that he is near the low end of the eleventh grade distribution in terms of achievement

### STUDENT SURVEY AND ATTITUDE INVENTORY

The Student Survey and Attitude Inventory (SSAI) was administered to all seventh grade students and to a sample of ninth and eleventh grade students as a measure of self concept. It is currently being analyzed. Results will be published separately.

## SELECTED TABLES

The summary frequency reports for each grade for CTBS, all cases and Title I, as well as grade four SFTAA, follow.

Care should be taken in reading the tables. First, check the title. There are two tests: the Comprehensive Test of Basic Skills and the Short Form Test of Academic Aptitude. There are at least two populations used in reporting: All Cases and Title I. Thus, there are four frequency reports for grade four.

The greatest confusion has resulted from trying to distinguish State percentile and national percentile. Table I provides State percentiles. Using this table, one could determine the grade equivalent at the State median (50th percentile). The national median is the number labeled "grade" at the top of the table. (Results by national percentiles are in Table II.)

There are two means reported on Table I. The line called "means" is computed by averaging the grade equivalent scores and has been the basis for computing the mean in previous years. The second to the last line of Table I, which reads "GE of Mean SS," meaning grade equivalent of mean scale score, is computed by averaging the scale scores first and then converting to a grade equivalent. The scale score is a more precise score that is comparable across test levels. The use of the scale scores makes it possible to compute a more precise mean grade equivalent than was the case using the old method.

Table II is a continuation of the Table I report. It provides the number of students obtaining scores falling in each quarter of the national distribution. Percentages have been calculated and included to allow comparisons to be made. The national distribution, of course, has 25 percent in each quarter. The fact that South Carolina has a disproportionate share of students in the lower quarter is disturbing. However, the reader should remember that test scores are a function of many variables, a number of which are beyond the control of the school. This is not an attempt to justify low test scores but to put them into proper perspective. The State Department of Education and local school districts are striving to improve learning by means of a variety of programs.

Table III and IV are identical in format to Tables I and II but provide information for the Title I student population.

Table V provides the mental age, intelligence quotient, and grade percentile at various State percentile points for all students. The grade percentile, which is a score converted to a national percentile, may cause some confusion. For example, at the State median, the score is equated to the 30th national percentile.

Table VI is identical in format to Table V but is for the Title I population.

Tables VII, VIII, IX and X, which are identical in format to the first four tables, provide information for grade seven.

Tables XI and XII for grade nine and XIII and XIV for grade eleven are identical in format to Tables I and II.

SFTAA tables are available only for grade four, as it is the only grade at which the test is given.

Title I tables are provided only for grades four and seven because grade nine and eleven results were determined from a sample. These values are valid measures for grades nine and eleven as a whole but may not be representative of Title I students since the sample was drawn to be representative of all ninth and eleventh grades, not ninth and eleventh Title I students.



Detailed tables with further analysis that will include comparisons with test results from the previous year will be provided in the Statewide Testing Program, Fall, 1974 report which will be published later this year

TABLE I  
DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 2  
CTB BATCH NO. 7901

DISTRICT	SIZE	STATE GRADE 04.1										MATH APPLY	MATH TOTAL	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES		
		READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLY								
		9.1	9.9	9.9	9.9	9.8	9.9	9.9	9.8	9.8	8.7	9.0	9.9	9.9	9.9	9.9	9.9	9.9	
		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
		5.731	6.809	5.976	8.686	7.032	6.812	6.924	4.925	4.070	6.515	6.376	5.693	4.221	7.221	6.926	6.228	4.862	
		4.534	4.767	4.443	4.829	4.794	4.846	4.847	4.070	3.415	4.960	4.541	4.211	5.451	5.451	4.994	4.862	3.377	
		3.224	3.394	3.355	3.325	3.269	3.446	3.324	3.415	3.308	3.401	3.401	3.386	3.224	3.224	3.342	3.377	2.464	
		2.232	2.393	2.193	2.193	2.205	2.442	2.387	2.864	2.337	2.337	2.553	2.683	2.423	2.423	2.515	2.464	1.722	
		1.680	1.838	1.840	1.654	1.684	1.861	1.876	2.273	1.612	1.612	1.874	2.002	1.801	1.801	1.515	1.722	1.722	
		169371.7	184978.3	174860.1	193685.6	183691.7	187015.1	185984.5	168814.3	178240.5	178847.6	167958.9	168263.0	194984.9	185565.9	182773.6			
		907329.25	786716.97	1076884.72	937671.17	919083.73	647428.57	835320.07	815576.02	716173.63	1021902.95	936159.97	881497.02						
		728123.93																	
		1.643	2.006	1.756	2.475	2.207	1.985	2.056	1.051	1.892	1.738	1.300	1.545	2.173	2.129	1.956			
		3.54	3.86	3.66	4.05	3.83	3.91	3.90	3.52	3.73	3.76	3.54	3.60	4.08	3.87	3.82			
		3.4	3.5	3.4	3.4	3.3	3.4	3.3	3.4	3.4	3.5	3.4	3.3	3.6	3.5	3.5			

TOTAL NUMBER OF STUDENTS = 49068

TABLE 11

DISTRICT QUARTILE DISTRIBUTION SUMMARY FOR COMPREHENSIVE TESTS OF BASIC SKILLS ALL CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 3  
CTB BATCH NO. 7001

PREPARED BY TR/CGRAM HILL FOR DISTRICT CITY S. CAROLINA

DISTRICT SITE	READ VJCB	READ COMPR	READ TCTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI	MATH TOTAL	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES
15-59	6998	7033	6187	8854	6439	7882	6974	448	6591	7544	5364	5772	9173	8155	5899
16-50	8734	5461	9343	8024	6586	10127	10410	7784	8390	8161	7513	7327	8249	9605	9815
1-25	10356	11127	11425	10611	12529	11035	11464	13280	12129	12962	13867	14412	11130	10403	9476
21-25*	3258	2367	1970	2727	1703	3373	2826	3559	2158	2145	2475	2610	3026	2325	6115
1-15*	4150	2965	2991	2891	3649	3351	2962	3647	3891	4983	3052	2568	3374	4948	3243
6-10*	4220	4050	3774	3698	4193	3370	3173	3564	3610	2750	3764	2700	3383	2512	3225
1-19*	6034	4077	6014	5557	4609	4088	4338	6008	5134	4834	4329	3811	6056	4513	5048
1-24	4457	4253	4357	4054	4206	4654	5367	5652	5361	4240	71139	7646	3348	5425	3201
21-25*	14.4	14.7	12.9	18.5	12.4	16.5	14.6	9.3	13.8	15.0	11.3	12.4	19.2	17.0	15.9
16-50	14.2	19.8	19.5	18.9	17.9	21.2	22.2	19.2	17.5	17.1	15.8	15.7	17.3	20.1	20.5
1-24	44.7	42.3	43.7	40.4	42.5	39.3	39.1	46.8	42.1	39.8	43.7	41.0	40.2	41.2	43.8
21-25*	6.9	5.0	4.1	5.7	3.6	7.0	5.9	7.4	4.5	4.5	5.2	5.2	6.3	4.9	12.8
16-50	7.7	6.2	6.3	6.0	7.8	7.0	6.7	7.4	7.5	10.5	6.9	5.8	7.1	10.3	17.0
1-15*	8.7	12.3	7.9	6.5	8.8	8.5	9.1	12.5	10.7	10.3	7.9	8.2	7.1	5.2	6.7
16-10*	8.8	8.5	12.6	12.4	9.6	8.5	11.2	11.8	14.2	18.5	12.0	16.2	12.0	9.4	10.6
1-15*	12.6	10.4	12.8	19.8	13.0	9.7	11.2	11.8	14.2	18.5	12.0	16.2	12.0	11.3	15.7

NUMBER OF CASES

PERCENTAGES

\* DENOTES SURTOTALS OF 1-25 CATEGORY

TABLE III  
DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
FILE I CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 2  
CTB BATCH NO. 7001

DISTRICT	SIZE	READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI	MATH TOTAL	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES
STATE GRADE	04.1															
DISTRICT	11929	11922	11909	11915	11936	11922	11952	11951	11916	11842	11797	11511	11878	11946	11921	
HIGH SCORE	9.1	9.9	9.9	9.9	9.9	9.8	9.9	6.8	8.7	9.0	7.5	9.6	9.9	9.9	9.9	9.9
LOW SCORE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
PERCENTILES																
90	3.703	3.975	3.809	4.316	3.806	4.534	4.012	3.869	3.950	3.927	3.727	3.644	4.148	4.175	4.006	
75	2.913	3.135	3.042	3.271	3.009	3.437	3.130	2.912	3.005	3.277	3.252	3.170	3.246	3.145	3.206	
50	2.267	2.460	2.223	2.238	2.249	2.566	2.432	2.412	2.365	2.593	2.727	2.517	2.668	2.372	2.519	
25	1.750	2.096	1.892	1.700	1.851	2.010	1.991	2.398	1.779	1.933	2.078	1.885	2.062	1.781	1.993	
10	1.403	1.673	1.700	1.250	1.455	1.528	1.599	1.916	1.236	1.443	1.699	1.676	1.409	1.269	1.506	
SUMS	29567.4	32054.4	31936.2	30300.9	34320.7	31750.7	35201.7	30254.8	31925.2	32088.4	29953.6	33327.9	30944.7	31971.0		
SQUARES	84774.40	100842.26	88826.55	114666.66	93478.61	119582.67	111378.69	92341.04	98507.94	95608.64	86599.52	112451.89	98222.83	99550.02		
STANDARD DEVIATION	0.981	1.101	0.960	1.562	1.178	1.320	1.135	0.802	1.141	1.025	0.840	0.867	1.263	1.230	1.076	
MEANS	2.48	2.69	2.56	2.68	2.54	2.88	2.68	2.95	2.54	2.70	2.72	2.60	2.81	2.59	2.68	
GF OF MEAN (SGE)	2.3	2.5	2.4	2.4	2.3	2.7	2.5	3.0	2.4	2.6	2.7	2.6	2.7	2.4	2.6	

TOTAL NUMBER OF STUDENTS = 12276

TABLE IV  
DISTRICT QUANTILE DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
TITLE I, CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 3  
CTB BATCH NO. 7001

PREPARED BY CTB/MCGRAW HILL FOR  
DIST/CITY S. CAROLINA

STATE GRADE 04.1  
LEVEL FORM 1 3

DISTRICT SIZE	READ Vocab	READ Compr	READ Total	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMP	MATH CNCPT	MATH APPLI	MATH TOTAL	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES	NATIONAL PERCENTILES	NUMBER OF CASES		PERCENTAGES	
																	11929	11922	11909	11915
75-99	200	213	141	466	181	434	223	174	191	201	114	107	346	241	207	207	75-99	100	100	100
51-75	508	762	611	988	631	1339	978	711	844	670	483	384	833	1014	865	865	51-75	100	100	100
26-50	2012	2424	2104	2425	2459	2521	2567	2446	2490	2830	2317	2614	2833	2361	2306	2306	26-50	100	100	100
1-25	5119	8523	8963	8036	8665	7628	8134	8620	8591	8141	8683	8406	8066	8330	8543	8543	1-25	100	100	100
21-25*	1050	762	590	872	537	1112	963	980	619	736	705	758	1035	739	2179	2179	21-25*	100	100	100
16-20*	1413	1154	1058	1051	1337	1274	1324	1258	1367	1436	996	895	1328	1818	1315	1315	16-20*	100	100	100
11-15*	1729	2411	1706	1262	1772	1405	1383	1263	1462	1741	1437	1117	1432	1053	11359	11359	11-15*	100	100	100
6-10*	1922	1812	2706	2637	2052	1745	2027	2483	2407	2217	1898	1706	2725	2048	2221	2221	6-10*	100	100	100
1-5*	2085	2394	3054	2214	2972	2092	2647	2756	2736	2111	3647	3930	1546	2672	1469	1469	1-5*	100	100	100
75-99	1.7	1.8	1.2	3.9	1.5	3.6	1.9	1.5	1.6	1.7	1.0	9	2.9	2.0	1.7	1.7	75-99	100	100	100
51-75	5.0	6.4	5.1	8.3	5.3	11.2	7.9	5.9	5.4	5.7	4.1	3.3	7.0	8.5	7.3	7.3	51-75	100	100	100
26-50	16.9	20.3	18.4	20.4	20.6	21.1	21.7	20.5	20.9	23.9	21.3	22.7	22.9	19.8	19.8	19.8	26-50	100	100	100
1-25	76.4	71.5	75.3	67.4	72.6	64.0	68.6	72.1	72.1	68.7	73.6	73.0	67.9	69.7	71.7	71.7	1-25	100	100	100
21-25*	8.8	6.4	5.0	7.3	4.5	9.3	8.1	8.2	5.2	6.2	6.0	6.6	8.7	6.2	14.3	14.3	21-25*	100	100	100
16-20*	11.8	20.2	13.1	10.6	14.8	11.8	11.5	9.7	11.3	16.3	8.4	9.8	11.2	15.2	11.0	11.0	16-20*	100	100	100
11-15*	14.7	20.2	22.7	10.6	17.2	14.6	17.1	10.6	20.2	19.6	12.2	9.7	12.1	18.8	11.4	11.4	11-15*	100	100	100
6-10*	16.1	13.2	25.6	22.1	24.9	17.5	22.3	23.1	23.0	18.7	16.9	14.8	22.9	17.1	18.6	18.6	6-10*	100	100	100
1-5*	25.0	20.0	25.6	18.6	24.9	17.5	22.3	23.1	23.0	17.8	30.9	34.1	13.0	22.4	12.3	12.3	1-5*	100	100	100

\* DENOTES SUBTOTALS OF 1-25 CATEGORY

TABLE V

DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
SHORT FORM TEST OF ACADEMIC APTITUDE  
ALL CASES

REPORT DATE 12/20/74  
TEST DATE 10/74

PREPARED BY CTB/MCGRAW HILL FOR  
STATE/CITY S. CAROLINA

CTB BATCH 7001

LEVEL 2

STATE GRADE G4.1

DISTRICT SIZE OUT OF RANGE	CHRYV AGE	MENTAL AGE		INTELLIGENCE QUOTIENT		GRADE PERCENT		TOTAL	
		LANG	NON-LANG	LANG	NON-LANG	LANG	NON-LANG		
48937 27	48937 27	47834	47806	47499	47473	47447	47834	47806	47780

HIGH SCORE LOW SCORE	218 15 <th colspan="2">206 66</th> <th colspan="2">150 60</th> <th colspan="2">150 60</th> <th rowspan="2">99 1</th> <th rowspan="2">99 1</th>	206 66		150 60		150 60		99 1	99 1
		LANG	NON-LANG	LANG	NON-LANG	LANG	NON-LANG		
126.63 75 50 25 10	135.44 117.83 101.73 86.83 78.06	142.77 124.96 104.23 90.13 79.27	112.29 102.18 90.77 80.26 73.11	114.03 104.42 93.87 83.62 73.36	112.59 102.58 91.58 81.20 73.17	77.48 58.61 30.04 12.03 5.22	82.92 62.99 37.08 16.38 7.07	80.67 58.07 32.57 12.92 5.51	

SUMS SQUARES	5676020 660966426	4954454 538476178		4482279 434251307		4362251 411803367		1747040 100308008	1972051 118197865	1802906 104862176
		LANG	NON-LANG	LANG	NON-LANG	LANG	NON-LANG			
5676020 660966426	5676020 660966426	5148404 585516494	5008691 548161729	5008691 548161729	4362251 411803367	4362251 411803367	4362251 411803367	1747040 100308008	1972051 118197865	1802906 104862176

STANDARD DEVIATION	7.33 116.0	23.00 103.6		15.34 91.8		15.25 94.4		27.62 36.5	27.76 41.3	27.76 37.7
		LANG	NON-LANG	LANG	NON-LANG	LANG	NON-LANG			
7.33 116.0	23.00 103.6	25.49 107.7	21.99 104.8	15.34 91.8	15.25 94.4	15.25 94.4	15.25 94.4	27.62 36.5	27.76 41.3	27.76 37.7

TOTAL NUMBER OF STUDENTS = 49068

TABLE VI

DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
SHORT FORM TEST OF ACADEMIC APTITUDE  
TITLE I CASES

PREPARED BY	CTB/MCGRAM HILL FOR	STATE	GRADE	04.1	LEVEL	2	REPORT DATE	12/20/74
DIST/CITY	S. CAROLINA	STATE	GRADE	04.1	LEVEL	2	TEST DATE	10/74
		CHRON	AGE	12242	7	11939	11925	11918
DISTRICT SIZE	11939	11925	11918	11804	11792	11785	LANG	PERCENTILE
OUT OF RANGE	186	202	179	140	141	140	NON-LANG	TOTAL
HIGH SCORE	66	66	66	60	60	60	LANG	11918
LOW SCORE	218	202	179	140	141	140	NON-LANG	99
	67	66	66	60	60	60	TOTAL	99
PERCENTILES	108.32	119.36	110.13	96.18	102.43	96.78	LANG	41.36
90	98.02	104.99	100.06	88.19	94.14	89.60	NON-LANG	27.16
75	87.24	102.28	90.40	80.77	85.55	81.72	TOTAL	37.33
50	79.89	81.51	81.91	74.45	77.52	74.55	LANG	20.67
25	74.47	73.79	75.05	68.78	70.58	63.65	NON-LANG	20.50
10							TOTAL	3.40
							LANG	2.85
							NON-LANG	2.85
							TOTAL	43.06
SUMS	1060005	1124200	1079376	965370	1015651	971011	217139	311834
SUMS OF SQUARES	96609657	110045224	100129238	80378248	89267465	81466971	7385097	13613464
STANDARD DEVIATION	8.38	14.46	14.11	11.00	12.39	11.14	16.97	21.40
MEANS	117.2	86.8	94.3	81.8	86.1	82.4	18.2	26.1
TOTAL NUMBER OF STUDENTS =	12276							19.2

TABLE VII  
DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 2  
CTB BATCH NO. 7092

PREPARED BY	DISTRICT/CITY	STATE GRADE		LANG MECH		LANG EXPR		LANG SPELL		LANG TOTAL		MATH COMPU		MATH CNCPT		MATH APPLI		MATH TOTAL		BTRY TOTAL		REFER SKILLS		SCIENCE		SOCIAL STUDIES			
		07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2	07.1	07.2		
		52110	52112	52046	52097	52141	52083	51663	52146	52120	51917	51805	50413	51988	51871	51875													
		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9		
		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
		10.185	10.968	10.574	11.631	11.137	10.997	10.747	9.099	8.502	10.776	9.330	9.793	11.703	11.512	11.111													
		8.255	9.371	8.483	8.947	9.570	8.902	8.570	7.684	8.221	8.858	7.667	8.046	9.519	9.519	9.380													
		6.109	6.180	6.154	5.683	5.879	6.363	5.902	6.057	6.075	6.134	5.977	5.972	6.596	6.342	5.953													
		4.180	4.902	4.138	3.434	3.502	3.715	3.775	4.171	4.158	4.182	4.632	4.396	4.045	4.284	4.372													
		2.876	2.757	2.916	2.482	2.434	2.573	2.686	3.544	2.716	2.924	3.527	3.153	2.889	2.919	2.911													
		346361.7	335476.9	334284.4	336706.7	331733.0	325112.1	336174.1	321396.4	316368.2	358064.6	355169.1	343743.1																
		2788079.83	2747206.24	2666289.01	2256858.39	2251765.08	2290709.32	2918979.07	2981507.86	2741174.01																			
		2398505.16	2565768.57	2671853.96	2598691.88	2267622.61	2251765.08	2290709.32	2981507.86	2741174.01																			
		2.626	3.054	2.784	3.400	3.254	3.066	3.012	2.100	2.540	2.758	2.231	2.461	3.149	3.064	2.989													
		6.26	6.65	6.45	6.42	6.38	6.46	6.42	6.23	6.09	6.48	6.20	6.28	6.89	6.15	6.63													
		6.1	6.2	6.1	5.6	6.0	5.9	5.8	5.9	6.0	6.2	6.0	6.1	6.5	6.5	6.0													
		TOTAL NUMBER OF STUDENTS = 53662																											



TABLE VIII  
DISTRICT QUANTILE DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 3  
CTB BATCH NO. 7002

DISTRICT SIZE	STATE GRADE 07-1										LEVEL FORM	MATH APPLI	MATH TOTAL	BIRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES
	READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI							
76-99	8487	11488	8918	8413	9100	9064	8931	6090	6642	9891	5919	7732	11594	10102	9789		
51-75	10518	10792	10949	14485	11185	12828	11495	12310	13351	11463	9293	10207	12502	13323	11068		
26-50	13083	14012	14262	12702	14218	13558	13587	16757	13531	12150	16345	13589	12312	11525	14290		
1-25	20022	15820	17917	16497	17638	16633	17650	18989	18596	18413	19648	18888	15380	16911	16728		
21-25*	2448	2265	2475	3052	3754	3128	2858	3775	2966	3987	3415	3466	2473	4790	4243		
16-20*	3658	2170	2043	2634	1775	2718	2704	2429	2826	2114	3814	3329	2360	2241	2195		
11-15*	3649	3705	2992	4323	5051	2564	2963	4462	4903	4459	3636	3303	2204	2262	2231		
6-10*	4048	3607	4067	3537	3017	4163	3811	3937	3849	4057	4025	3575	4172	3724	4014		
1-5*	6169	3873	5442	2951	4041	4060	5314	4386	4052	3796	4758	5215	4461	3954	4045		
PERCENTAGES																	
76-99	16.3	22.0	17.1	16.1	17.5	17.4	17.3	7.8	12.7	19.1	11.4	15.3	22.3	19.5	18.9		
51-75	20.2	20.7	21.0	27.8	21.5	24.6	22.2	23.6	25.6	22.1	17.9	20.2	24.0	25.7	21.3		
26-50	25.1	26.9	27.4	31.7	33.8	26.0	26.3	32.1	26.0	23.4	32.7	27.5	23.7	22.2	21.5		
1-25	38.4	30.4	34.4	31.7	33.8	31.9	34.2	36.4	35.7	35.5	37.9	37.5	30.0	32.6	32.2		
21-25*	4.7	4.3	4.8	5.9	7.2	6.0	5.5	7.2	5.7	7.7	6.6	6.9	4.8	9.1	8.2		
16-20*	7.0	4.2	5.7	5.1	7.4	5.2	5.2	6.6	5.4	4.6	7.0	6.6	4.5	4.3	4.3		
11-15*	7.1	7.1	5.8	8.3	5.7	4.9	5.7	8.6	9.4	8.6	7.8	6.6	4.2	4.3	4.3		
6-10*	7.8	7.3	7.8	6.8	5.8	8.0	7.4	7.5	7.4	7.8	7.8	7.1	7.9	7.2	7.7		
1-5*	11.8	7.4	10.5	5.7	7.8	7.8	10.3	8.4	7.8	7.3	9.2	10.3	8.5	7.6	7.8		

\* DENOTES SUBTOTALS OF 1-25 CATEGORY

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 2  
CIB BATCH NO. 7002

TABLE 1  
DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
TITLE I CASES

DISTRICT SIZE	READ VOCAB		READ COMPK		READ TOTAL		LANG MECH		LANG EXPR		LANG SPELL		LANG TOTAL		MATH COMPU		MATH CNCPT		MATH APPLI		MATH TOTAL		8TRY TOTAL		REFER SKILLS		SCIENCE		SOCIAL STUDIES					
	8737	8737	8737	8737	8724	8724	8742	8742	8747	8747	8742	8742	8651	8758	8745	8679	8670	8409	8712	8691	8696	8409	8712	8691	8696	8712	8691	8696						
HIGH SCORE	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9					
LOW SCORE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
PERCENTILES	6.534	7.292	6.696	8.865	7.067	8.272	6.959	6.995	7.172	7.111	6.530	6.300	8.559	7.778	8.907	7.778	8.559	7.778	8.907	7.778	8.559	7.778	8.907	7.778	8.559	7.778	8.907	7.778	8.559	7.778	8.907			
90	5.174	5.431	5.420	5.650	4.646	5.804	5.229	5.734	5.605	5.785	2.902	2.519	5.792	5.787	5.320	2.902	5.792	5.787	5.320	2.902	5.792	5.787	5.320	2.902	5.792	5.787	5.320	2.902	5.792	5.787	5.320			
75	3.997	3.574	3.971	3.768	3.483	3.870	3.718	4.827	4.183	4.202	4.755	4.254	4.048	4.305	4.391	4.048	4.305	4.391	4.391	4.048	4.305	4.391	4.391	4.048	4.305	4.391	4.391	4.048	4.305	4.391	4.391			
50	2.903	2.874	2.986	2.539	2.589	2.777	2.757	3.671	3.081	3.285	3.483	3.225	2.934	3.277	3.265	3.225	2.934	3.277	3.265	2.934	3.277	3.265	2.934	3.277	3.265	2.934	3.277	3.265	2.934	3.277	3.265	2.934		
25	2.302	2.311	2.261	1.813	2.004	2.016	2.259	3.209	2.149	2.566	2.839	2.636	2.222	2.238	2.243	2.222	2.238	2.243	2.222	2.238	2.243	2.222	2.238	2.243	2.222	2.238	2.243	2.222	2.238	2.243	2.222	2.238	2.243	
10																																		
SUMS	37080.8	38492.7	37581.5	37856.0	34741.9	39860.7	36483.3	43193.6	38601.8	40071.7	40534.4	36723.1	40770.6	40900.6	39177.2	40770.6	40900.6	39177.2	40770.6	40900.6	39177.2	40770.6	40900.6	39177.2	40770.6	40900.6	39177.2	40770.6	40900.6	39177.2	40770.6	40900.6	39177.2	
SUMS OF SQUARES	205496.75	189500.39	218607.64	174031.03	232474.27	186166.35	233574.34	200669.52	217243.77	179123.59	209182.86	235394.18	231870.80	208212.02	208212.02	235394.18	231870.80	208212.02	235394.18	231870.80	208212.02	235394.18	231870.80	208212.02	235394.18	231870.80	208212.02	235394.18	231870.80	208212.02	235394.18	231870.80	208212.02	
STANDARD DEVIATION	1.729	2.027	1.779	2.501	2.050	2.409	1.933	1.532	1.861	1.927	1.506	1.493	2.263	2.129	1.910	2.263	2.129	1.910	2.263	2.129	1.910	2.263	2.129	1.910	2.263	2.129	1.910	2.263	2.129	1.910	2.263	2.129	1.910	
MEANS	4.24	4.41	4.31	4.33	3.97	4.56	4.22	4.93	4.41	4.62	4.68	4.37	4.68	4.71	4.51	4.68	4.71	4.51	4.68	4.71	4.51	4.68	4.71	4.51	4.68	4.71	4.51	4.68	4.71	4.51	4.68	4.71	4.51	
GRADE MEAN (SEE)	4.1	4.0	4.1	3.6	3.5	3.9	3.7	4.8	4.1	4.3	4.6	4.2	4.2	4.3	4.2	4.2	4.3	4.2	4.2	4.3	4.2	4.2	4.2	4.2	4.3	4.2	4.3	4.2	4.3	4.2	4.3	4.2	4.3	4.2
TOTAL NUMBER OF STUDENTS =	9046																																	

TABLE X  
DISTRICT QUANTILE DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
TITUS HILL CASES

REPORT DATE 12/20/74  
TEST DATE 10/74  
PAGE 3  
CTB BATCH NO. 7002

DISTRICT SIZE	S. CAROLINA		STATE		LEVEL FORM 2		MATH CNCP	MATH APPLY	MATH TOTAL	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES	
	8737	8737	8742	8747	8742	8651								8758
NATIONAL PERCENTILES	NUMBER OF CASES													
76-99	114	213	244	117	297	128	74	118	221	77	56	283	195	153
51-75	452	725	1292	607	1142	643	684	828	766	347	352	1060	997	634
26-50	1678	2551	4994	2297	2261	2238	2394	2200	2055	2290	1853	2342	2222	2591
1-25	6493	5248	993	5726	5042	5642	5606	5598	5607	5956	6148	5027	5277	5318
21-25*	562	618	760	993	748	702	835	723	980	794	847	655	1298	1234
16-20*	996	877	689	533	731	739	628	750	600	1022	966	685	649	922
11-15*	1114	1275	1284	1660	755	952	1357	1454	1396	1092	1068	679	706	707
6-10*	1424	1347	1206	1062	1347	1281	1280	1281	1341	1333	1284	1412	1236	1338
1-5*	2397	1390	1055	1478	1461	1568	1506	1390	1290	1715	1983	1596	1388	1417
PERCENTAGES														
76-99	1.3	2.4	2.8	1.3	3.4	1.5	.8	1.4	2.5	.9	.7	3.2	2.3	1.8
51-75	5.2	8.3	14.8	6.9	13.9	7.4	7.8	9.5	9.2	4.0	4.2	12.9	11.3	7.3
26-50	19.2	29.2	25.3	26.3	25.9	25.9	27.3	25.2	23.7	26.7	22.0	26.9	25.6	29.8
1-25	74.3	60.1	57.1	65.5	57.7	65.2	64.0	64.0	64.6	68.7	73.1	57.7	60.7	61.2
21-25*	6.4	7.1	8.7	11.4	8.6	8.1	9.5	8.3	11.3	9.2	10.1	7.5	14.9	14.2
16-20*	11.4	7.6	7.9	6.1	8.4	8.5	7.5	8.6	16.9	11.8	11.5	7.9	17.5	17.2
11-15*	12.5	14.0	14.7	19.1	8.6	11.0	15.5	16.6	16.1	12.6	11.7	7.8	8.1	8.1
6-10*	16.3	15.4	13.8	12.1	15.4	14.8	14.6	14.6	15.5	15.4	15.3	16.2	16.0	15.4
1-5*	27.4	15.9	12.1	16.9	16.7	22.7	17.2	15.9	14.9	19.0	23.6	18.3	16.0	16.3

\* DENOTES SUBTOTALS OF 1-25 CATEGORY

TABLE XI  
DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

DISTRICT	SIZE	STATE GRADE 09.1										LEVEL FORM	3	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES	
		READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI							MATH TOTAL
47030.5	46806.2	47038.3	46212.2	46558.2	48426.2	46201.4	47238.0	46448.6	48020.9	46514.4	44744.2	47580.0	46344.6	46818.2				
431715.05	437295.40	431922.57	445813.06	445005.68	466053.40	433166.58	425387.96	419417.56	447599.23	418074.38	402649.62	453792.36	431368.10	439464.50				
3.117	3.370	3.113	3.792	3.651	3.445	3.423	2.840	3.012	3.077	2.847	2.941	3.447	3.349	3.355				
7.95	7.91	7.97	7.80	7.86	8.17	7.89	8.00	7.88	8.16	7.97	7.91	8.06	7.89	7.98				
8.0	8.1	8.1	8.1	8.2	8.4	8.1	7.9	8.1	8.2	8.0	8.1	8.5	7.9	8.2				

TOTAL NUMBER OF STUDENTS = 6121

TABLE XII  
DISTRICT QUANTILE DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

REPORT DATE 12/18/74  
TEST DATE 10/74  
PAGE 3  
CTB BATCH NO. 7007

DISTRICT SIZE	STATE GRADE 09.1					LEVEL FORM 3					MATH TOTAL	MATH APPLI	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES	
	READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI							MATH TOTAL
76-99	1085	1219	1003	1127	1324	1234	1183	792	573	1014	796	897	1106	1042	1166*		
51-75	1252	1253	1319	1475	1215	1310	1228	1222	1221	1133	1098	1175	1452	1235	1295		
26-50	1401	1556	1485	1305	1580	1585	1593	1810	1377	1730	1882	1454	1500	1508	1518		
1-25	2281	1892	2098	2014	1822	1742	1851	2083	2325	2007	2059	2134	1842	2052	1891		
21-25*	289	396	292	385	199	214	369	360	283	540	308	362	309	444	460		
16-20*	308	283	281	339	380	353	255	400	660	276	369	390	327	245	274		
11-15*	479	275	380	334	306	364	283	565	322	251	334*	347	278	501	239		
6-10*	587	455	558	529	403	309	354	456	551	521	556	438	489	462	427		
1-5*	618	483	587	427	444	502	590	302	509	419	487	597	439	440	502		
PERCENTAGES																	
76-99	19.3	20.6	17.0	19.0	22.4	21.7	20.2	13.4	16.5	17.2	13.6	15.8	18.7	17.7	19.9		
51-75	21.0	21.6	22.3	24.9	20.5	22.8	21.0	20.7	20.7	19.3	16.8	20.8	24.6	21.0	22.1		
26-50	22.0	28.3	22.1	22.0	26.3	26.8	27.2	30.6	23.4	29.4	37.3	25.7	29.4	25.7	25.9		
1-25	38.5	32.0	35.5	34.0	30.8	29.4	31.6	35.3	39.4	34.1	35.3	37.7	31.2	35.6	32.2		
21-25*	4.9	6.7	4.9	6.5	3.4	3.6	6.3	6.1	4.8	9.2	5.3	6.4	5.2	7.6	7.8		
16-20*	5.2	4.8	4.8	5.7	8.4	6.0	4.4	6.8	11.2	4.3	6.8	6.9	5.5	8.5	4.9		
11-15*	8.1	4.6	5.4	5.6	6.7	6.1	4.8	9.6	5.3	4.9	5.8	6.1	4.7	8.5	3.9		
6-10*	9.4	7.7	9.9	8.9	6.8	5.2	6.0	7.7	9.3	8.9	9.9	7.7	8.3	7.9	7.3		
1-5*	10.4	8.2	9.9	7.2	7.5	8.5	10.1	5.1	8.6	7.1	8.3	10.5	7.4	7.5	8.6		

\* DENOTES SUBTOTALS OF 1-25 CATEGORY

TABLE VIII  
DISTRICT FREQUENCY DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

REPORT DATE 12/18/74  
TEST DATE 10/74  
PAGE 2

PREPARED BY CTB/MCGRAW HILL FOR  
DIST/CITY S: CAROLINA

STATE GRADE 11.1  
LEVEL FORM \$  
CTB BATCH NO. 7004

DISTRICT SIZE	READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI	MATH TOTAL	STRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES
4540	4545	4532	4554	4498	4550	4458	4456	4454	4435	4391	4282	4468	4459	4454	
13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

PERCENTILES

90	13.606	13.613	13.607	13.615	13.620	13.617	13.618	13.609	13.618	13.612	13.608	13.614	13.619	13.616	13.614
75	13.171	13.557	13.134	13.562	13.574	13.569	13.570	13.526	13.569	13.556	12.832	13.560	13.572	13.564	13.561
50	10.278	10.236	10.393	10.772	10.459	10.675	10.426	9.833	10.255	9.605	9.927	10.146	10.803	10.377	10.675
25	7.225	6.436	7.319	8.571	5.847	7.785	7.252	6.921	7.649	6.817	7.065	7.551	7.420	6.418	7.082
10	5.299	4.132	5.028	3.657	3.522	4.631	4.093	4.971	5.561	4.237	4.900	5.007	4.531	4.477	4.626

SUMS OF SQUARES

44719.9	43949.0	44690.4	44288.2	43132.8	45766.6	43889.6	43156.2	44578.4	41916.2	42262.7	42140.7	45161.9	43283.1	44114.9	
484909.35	481810.26	487195.4	501013.34	480556.72	512941.04	490176.78	466377.68	491874.82	448580.08	452894.99	458033.48	507800.13	476634.73	491428.29	

STANDARD DEVIATION

3.128	3.537	3.204	3.930	3.858	3.400	3.610	3.296	3.204	3.438	3.241	3.181	3.389	3.560	3.498	
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MEANS

9.85	9.67	9.86	9.73	9.59	10.06	9.85	9.68	10.01	9.45	9.62	9.84	10.11	9.71	9.90	
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GF OF MEAN SS (SCE)

10.3	10.3	10.4	10.7	10.4	10.6	10.6	9.7	10.1	9.8	9.8	10.1	10.7	10.4	10.7	
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TOTAL NUMBER OF STUDENTS = 4723

TABLE XIV  
DISTRICT QUARTILE DISTRIBUTION SUMMARY FOR  
COMPREHENSIVE TESTS OF BASIC SKILLS  
ALL CASES

REPORT DATE 12/18/74  
TEST DATE 10/74  
PAGE 3  
CTB BATCH NO. 7004

PREPARED BY CTB/MCGRAW HILL FOR  
DIST/CITY S. CAROLINA

STATE GRADE 11-1

LEVEL FORM S

DISTRICT SIZE	READ VOCAB	READ COMPR	READ TOTAL	LANG MECH	LANG EXPR	LANG SPELL	LANG TOTAL	MATH COMPU	MATH CNCPT	MATH APPLI	MATH TOTAL	BTRY TOTAL	REFER SKILLS	SCIENCE	SOCIAL STUDIES
883	958	844	876	1058	906	999	768	635	724	639	735	1040	985	982	
937	924	1004	1262	823	1189	933	899	1188	963	913	847	1043	926	981	
978	1013	1074	1068	965	1039	1066	1255	1128	925	1185	1102	1187	945	1064	
1742	1650	1710	1348	1652	1416	1460	1534	1503	1823	1654	1598	1198	1603	1427	
283	232	274	266	352	181	205	124	204	280	182	268	269	417	194	
282	261	271	247	171	288	271	260	228	346	249	199	269	221	375	
327	287	283	204	338	314	228	370	236	266	279	257	235	180	196	
313	306	400	301	488	368	480	420	413	466	340	319	384	510	451	
540	474	540	301	488	368	480	420	422	467	612	558	310	275	211	

PERCENTAGES

19-4	21-1	18-6	19-2	23-5	19-9	22-4	17-2	14-3	16-3	14-6	17-2	23-3	22-1	22-0	
20-6	20-3	22-2	27-5	18-5	26-1	20-9	20-2	26-3	21-7	20-8	19-9	23-3	20-8	22-9	
21-5	21-5	21-5	23-5	21-5	22-8	23-9	28-2	25-3	20-9	27-0	25-7	26-8	21-2	23-9	
38-4	36-3	37-7	29-6	36-7	31-1	32-8	34-4	33-7	41-1	37-7	37-3	26-8	35-9	32-0	
6-2	5-1	6-0	5-8	7-8	4-0	4-6	2-8	4-0	6-3	4-1	6-3	0	9-4	4-4	
7-1	5-7	4-7	4-5	3-8	6-3	5-1	8-3	5-3	7-0	5-5	4-6	6-0	5-0	8-4	
6-9	6-3	6-2	7-2	7-4	6-9	6-2	8-1	9-3	10-5	9-7	7-4	8-6	4-0	4-4	
11-9	10-4	11-9	6-6	10-8	8-1	10-8	9-4	9-5	10-5	13-9	13-0	6-9	16-2	10-1	

\* DENOTES SUBTOTALS OF 1-25 CATEGORY