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ABSTRACT

This report concerns the 796,474 eleventh grade students from 17,757 public and private high schools who took the National Merit Scholarship Qualifying Test (NMSQT) in February 1967, the thirteenth annual administration of the NMSQT. The schools in which the NMSQT is given enroll about 95 percent of all eleventh grade students in the United States. About 28 percent of all eleventh graders participate in the NMSQT program. Participating schools provide information each year such as type of school support: public, independent, or parochial. Participating students also provide such information about themselves as first college choice, career field plans, high school grade point average, and eligibility status regarding the National Achievement Scholarship Program for Negroes. Table 1 shows Summary Data for 1967 NMSQT participants by sex. Table 2 is a summary of 1967 student participation and performance by state. Table 3 shows summary data for 1967 NMSQT participants by decile range of selection score. Table 4 shows summary data for 1967 NMSQT participants by first choice college type. Table 5 shows summary data for male 1967 NMSQT participants by career choice. Table 6 shows summary data for female 1967 NMSQT participants by career choice. Table 7 shows percentages of achievement and merit participants indicating career choices in the broad career fields listed. (JM)

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Characteristics and Performance of NMSQT Participants

Donivan J. Watley

NATIONAL MERIT SCHOLARSHIP CORPORATION

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NATIONAL MERIT SCHOLARSHIP CORPORATION

Edward C. Smith, President

Donivan J. Watley, Director of Research

The National Merit Scholarship Corporation was founded in 1955 for the purpose of annually identifying and honoring the nation's most talented youth. Merit Scholarships, which are awarded on a competitive basis, provide financial assistance that Scholars use to attend the colleges of their choice.

The NMSC research program was established in 1957 to conduct scholarly research related to the source, identification and development of intellectual talent. NMSC Research Reports are one means of communicating the research program's results to interested individuals.

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CHARACTERISTICS AND PERFORMANCE OF NMSQT PARTICIPANTS

Donivan J. Watley

One purpose of this research report series is to provide information about students who participate in the annual talent search conducted by the National Merit Scholarship Corporation. This report concerns the 796,474 11th grade students from 17,757 public and private high schools who took the National Merit Scholarship Qualifying Test (NMSQT) in February, 1967, the 13th annual administration of the NMSQT. The schools in which the NMSQT is given enroll about 95% of all 11th grade students in the United States.

PROCEDURE

Participation in the NMSQT program is voluntary for students in most high schools. Nichols (1969) estimated that about 28% of all 11th graders participate. However, a very high proportion of the most academically able students take the NMSQT.

Participating schools in the NMSQT program provide information each year such as type of school support (public, independent, or parochial). Participating students also provide information about themselves. In 1967 each student was asked to indicate, among other things, his first college choice, his career field plans, his high school grade average, and whether he was eligible for and wished to compete in the National Achievement Scholarship Program for Negroes. These are the particular items that have relevance for this report. This report provides additional data to those presented by Nichols (1966) for the 1965 NMSQT participants.

SUMMARY OF RESULTS

Summary data for the 1967 NMSQT participants are listed by sex in Table 1.

Table 1

Summary Data for 1967 NMSQT Participants by Sex

NMSQT Participants	N	% of Total	% Ach. evement Participants	% with NMSQT Scores Above 134	Mean NMSQT Score	% with HS Grade Averages of B+ to A	Type of School Support*		
							Public	Indep.	Paroch.
Male	391,838	49.2	3.6	7.4	102.0	25.8	71.4	11.6	15.0
Female	404,636	50.8	5.2	5.0	99.6	35.1	74.1	10.0	13.6
Total	796,474	100.0	4.4	6.2	100.8	30.5	72.8	10.8	14.3

* The percentages listed for type of school support do not add up to 100% because a small percentage of schools in each state did not provide this information.

Approximately an equal number of males and females took the NMSQT. Although more males than females obtained NMSQT selection scores of 135 or higher, about 9% more females earned high school grade averages of B+ to A. (An NMSQT selection score of 135 fell at the 93rd percentile for 1967 college-bound participants.)

Table 2 gives summary data for the participants by state. Almost twice as many students are tested in New York as in any other single state. It is interesting to compare the mean NMSQT selection scores for states with the proportions of students who have high school grade averages of B+ or better. Connecticut, for example, had a mean selection score of 108, but only about 20% of its participants had grade averages of at least B+. In contrast 50% of the Utah participants had grade averages that high.

Table 3 shows how the males and females performed on the NMSQT. Although the males slightly outperformed the females, these results indicate that proportionally more females than males get high grade averages at every level of the NMSQT selection score range. Table 3 also shows a decreasing proportion of parochial school students falling in the various ranges as one moves from lower to higher NMSQT selection scores. The exact reason for this is difficult to determine. It could be that public and independent school students perform better on a test like the NMSQT than parochial students do, but it might be that the poorer test performers in public and independent schools are less likely to take the NMSQT than the low scorers in parochial schools.

Based on their first choice college preferences, the types of colleges selected by the NMSQT participants are listed in Table 4. No large sex differences were found regarding the types of colleges they wanted to attend. As expected, the average NMSQT selection score was highest for students planning to enter four-year private colleges. Besides those students not planning to attend college, the average selection score was lowest for those choosing two-year public colleges.

Tables 5 and 6 give information about the NMSQT participants' career choices. These two tables, one for each sex, reveal that the 11th graders taking the NMSQT had a wide variety of choices in mind, although many were undecided at the time.

Table 7 lists the percentages of Achievement and Merit students who indicated career choices in these broad career fields. A particularly interesting difference between the Achievement and Merit students of each sex is the percentages reporting indecision about their career choices.

Table 2

Summary of 1967 Student Participation and Performance by State

State	Number of Participants	% of Total	% Male	% Achievement	% with Scores Above 134	Mean NMSQT Selection Score	% with HS Grade Averages of B+ to A	Type of School Support*		
								Public	Indep.	Paroch.
Alabama	10,933	1.4	45.5	17.4	2.6	88.9	31.4	88.6	3.1	6.8
Alaska	911	0.1	47.7	1.6	4.4	98.3	24.4	93.2	-	5.9
Arizona	5,153	0.6	49.1	1.5	6.5	99.2	43.4	84.2	8.4	7.1
Arkansas	6,025	0.8	49.4	7.6	3.0	92.2	34.5	93.8	3.0	1.7
California	46,691	5.9	49.7	2.3	8.9	106.2	36.9	68.3	9.5	21.0
Colorado	7,705	1.0	47.3	1.6	7.1	103.2	36.9	82.4	7.0	7.9
Connecticut	12,882	1.6	47.4	1.5	9.7	108.0	20.3	58.7	19.8	19.5
Delaware	2,956	0.4	51.8	4.5	6.9	102.2	22.4	70.1	20.4	9.5
District of Columbia	2,504	0.3	51 9	33.7	8.5	101.0	17.5	42.3	41.8	15.8
Florida	17,171	2.2	47.9	7.2	5.2	99.0	34.4	81.1	6.6	10.2
Georgia	12,658	1.6	49.2	13.9	4.5	92.8	35.0	85.9	8.2	3.9
Hawaii	3,050	0.4	45.7	0.2	5.6	103.3	18.8	57.5	30.3	12.1
Idaho	3,553	0.4	47.8	0.3	4.2	98.9	40.7	92.6	0.7	4.4
Illinois	52,363	6.6	50.8	5.0	6.3	101.4	27.6	66.0	14.2	18.6
Indiana	20,980	2.6	50.4	3.2	4.6	99.0	32.0	80.3	4.3	15.1
Iowa	11,303	1.4	48.5	0.3	9.1	109.1	39.4	80.1	2.0	17.6
Kansas	11,738	1.5	48.7	1.5	4.5	97.6	31.6	86.9	2.3	8.8
Kentucky	12,669	1.6	49.6	3.4	2.8	91.0	31.5	72.2	11.6	16.0
Louisiana	12,791	1.6	46.3	9.9	2.8	91.9	31.7	60.5	16.4	22.3
Maine	5,115	0.6	48.8	0.5	4.3	98.9	20.3	75.5	16.5	7.1
Maryland	14,089	1.8	49.6	5.4	9.8	105.9	24.7	60.5	24.0	11.7
Massachusetts	25,785	3.2	49.0	1.6	9.0	105.4	17.7	59.0	20.4	19.5
Michigan	45,279	5.7	48.0	3.6	3.4	95.3	24.3	73.5	7.4	17.2
Minnesota	14,148	1.8	46.9	0.4	7.8	108.1	42.1	72.8	9.2	13.0
Mississippi	7,636	1.0	44.4	17.1	2.0	85.3	34.9	90.5	2.2	5.1
Missouri	16,447	2.1	49.0	3.8	6.5	102.4	30.5	66.1	17.0	16.2
Montana	4,407	0.6	47.7	0.4	5.2	101.4	29.7	87.1	3.0	9.3
Nebraska	10,232	1.3	48.5	0.7	3.9	97.1	35.0	81.6	3.4	14.2
Nevada	1,364	0.2	48.0	1.5	3.8	98.0	36.5	91.7	-	8.0
New Hampshire	3,662	0.5	53.1	0.7	9.6	104.9	19.5	62.9	23.3	11.6
New Jersey	30,008	3.8	51.5	2.8	8.1	104.9	26.7	64.4	13.1	21.4
New Mexico	3,236	0.4	49.5	0.6	4.7	100.0	35.6	84.2	7.6	7.2
New York	99,263	12.5	51.2	2.6	8.0	104.7	22.0	61.7	14.3	18.5
North Carolina	15,741	2.0	44.9	18.4	3.5	92.0	37.6	94.6	3.0	1.9
North Dakota	3,034	0.4	45.1	-	4.4	98.2	39.0	80.6	1.2	17.9
Ohio	40,900	5.1	50.8	3.2	6.6	103.5	34.0	74.4	6.2	16.6
Oklahoma	8,665	1.1	48.1	2.9	4.2	96.7	40.3	85.0	4.0	5.2
Oregon	7,261	0.9	48.7	0.6	6.2	103.2	41.4	79.9	7.0	6.5
Pennsylvania	53,156	6.7	49.8	3.6	6.4	102.6	28.7	70.8	8.4	19.9
Rhode Island	3,370	0.4	46.4	1.1	7.0	106.0	19.8	69.4	[illegible]	16.0
South Carolina	10,340	1.3	46.5	19.5	2.9	86.5	28.1	91.9	2.3	2.2
South Dakota	2,573	0.3	45.2	0.3	6.0	106.1	45.6	85.4	5.2	7.9
Tennessee	12,316	1.6	48.0	8.3	3.8	94.1	38.0	84.7	10.5	4.0
Texas	33,048	4.2	49.3	6.0	5.2	97.7	40.5	77.0	15.3	4.3
Utah	4,446	0.6	47.6	0.4	3.4	95.1	50.3	93.3	2.2	4.5
Vermont	2,189	0.3	48.4	0.3	5.7	101.9	19.3	69.3	14.9	15.1
Virginia	13,927	1.8	47.8	10.6	7.6	103.5	39.9	82.4	11.8	5.1
Washington	15,725	2.0	48.5	1.4	5.3	99.6	31.3	86.0	6.6	6.1
West Virginia	6,022	0.8	47.7	2.4	3.3	95.2	34.6	87.7	1.6	10.5
Wisconsin	20,409	2.6	48.2	1.3	5.6	102.0	34.8	74.6	10.8	12.8
Wyoming	2,079	0.3	49.2	0.4	5.0	97.7	32.5	92.9	0.9	1.2
Puerto Rico	1,850	0.2	42.3	0.6	1.0	76.9	55.0	44.5	10.7	40.0
Foreign	4,636	0.6	50.3	2.4	7.9	102.9	24.4	47.1	46.4	4.2
Total	796,474		49.2	4.4	6.2	100.8	30.5	72.8	10.8	14.3

* The percentages listed for type of school support do not add up to 100% because a small percentage of schools in each state did not provide this information.

Table 3

Summary Data for 1967 NMSQT Participants
by Decile Range of Selection Score

NMSQT Selection Score Range	N	% of Total	% with HS Grade Averages of B+ to A	Type of School Support*		
				Public	Indep.	Paroch.
MALES						
005 - 070	40,044	5.0	2.8	71.7	8.0	18.2
071 - 081	37,975	4.8	4.9	68.2	9.8	19.8
082 - 090	41,988	5.3	8.0	68.5	11.0	18.5
091 - 096	33,532	4.2	11.9	69.6	11.1	17.3
097 - 102	36,558	4.6	16.4	70.5	11.6	16.0
103 - 108	38,500	4.8	22.2	71.2	12.0	15.1
109 - 114	37,923	4.8	29.2	72.3	11.9	13.9
115 - 121	40,475	5.1	37.6	73.1	12.4	12.6
122 - 130	41,540	5.2	49.0	73.2	13.3	11.5
131 - 170	42,949	5.4	68.8	74.6	14.6	8.6
Incomplete	354	..	14.1	77.1	9.9	11.3
FEMALES						
005 - 070	42,760	5.4	7.0	74.7	7.7	15.2
071 - 081	43,200	5.4	11.4	71.4	9.3	17.0
082 - 090	49,828	6.3	17.6	72.7	9.6	15.4
091 - 096	39,275	4.9	24.0	73.4	9.9	14.7
097 - 102	41,331	5.2	30.0	73.8	10.1	13.9
103 - 108	40,876	5.1	37.5	74.4	9.9	13.4
109 - 114	39,063	4.9	45.2	74.5	10.4	12.9
115 - 121	39,321	4.9	53.7	74.9	10.8	12.0
122 - 130	37,193	4.7	64.5	75.8	11.1	10.9
131 - 170	31,485	4.0	80.1	76.7	11.8	8.9
Incomplete	304	-	22.4	73.7	10.5	14.5
TOTAL						
005 - 070	82,804	10.4	4.9	73.2	7.8	16.6
071 - 081	81,175	10.2	8.4	69.9	9.5	18.3
082 - 090	91,816	11.5	13.2	70.8	10.2	16.8
091 - 096	72,807	9.1	18.4	71.7	10.5	15.9
097 - 102	77,889	9.8	23.6	72.2	10.8	14.8
103 - 108	79,376	10.0	30.1	72.9	10.9	14.2
109 - 114	76,986	9.7	37.3	73.4	11.2	13.4
115 - 121	79,796	10.0	45.5	74.0	11.6	12.3
122 - 130	78,733	9.9	56.3	74.4	12.3	11.2
131 - 170	74,434	9.4	73.6	75.5	13.4	8.7
Incomplete	658	0.1	17.9	75.5	10.2	12.8

* The percentages listed for type of school support do not add up to 100% because a small percentage of schools in each state did not provide this information.

Table 4

Summary Data for 1967 NMSQT Participants

by First Choice College Type

First Choice College Type	N	% of each sex and Total	% Achievement	% with Scores Above 134	Mean Selection NMSQT Score	% with HS Grade Averages of B+ to A	Type of School Support*		
							Public	Indep.	Paroch.
MALE									
4-yr Public	168,175	42.9	3.7	4.9	101.3	27.1	78.6	7.1	12.4
4-yr Private	105,659	27.0	3.8	14.0	109.8	34.3	59.7	18.0	20.3
2-yr Public	12,672	3.2	2.6	1.2	87.7	10.6	74.5	5.8	17.3
2-yr Private	2,198	0.6	2.5	2.5	89.4	15.6	71.4	10.7	16.1
Not Listed**	7,892	2.0	2.7	2.4	91.2	15.4	65.9	10.1	22.8
Undecided	76,019	19.4	2.8	6.8	101.0	19.1	73.3	13.4	11.3
None	5,559	1.4	2.3	0.4	70.1	2.0	73.3	5.7	19.3
Blank	13,664	3.5	5.5	3.0	90.7	13.6	61.6	16.0	18.0
FEMALE									
4-yr Public	167,561	41.4	5.5	3.6	100.0	38.1	80.6	6.4	10.7
4-yr Private	101,164	25.0	6.7	9.5	106.3	43.9	65.8	14.8	16.8
2-yr Public	16,353	4.0	3.9	0.7	87.9	19.8	72.2	8.5	17.2
2-yr Private	4,788	1.2	2.9	0.9	90.5	26.0	75.9	13.4	8.7
Not Listed**	16,178	4.0	3.2	1.4	90.0	23.4	68.9	10.1	19.3
Undecided	75,841	18.7	3.6	5.2	100.0	28.9	74.9	11.4	11.5
None	11,164	2.8	1.3	0.2	76.4	8.9	57.4	12.0	28.7
Blank	11,587	2.9	9.1	1.9	88.8	20.2	73.3	7.6	16.2
TOTAL									
4-yr Public	335,736	42.2	4.6	4.3	100.7	32.6	79.6	7.0	11.6
4-yr Private	206,823	26.0	5.2	11.8	108.1	39.0	62.7	16.4	18.6
2-yr Public	29,025	3.6	3.3	0.9	87.8	15.8	73.2	7.3	17.3
2-yr Private	6,986	0.9	2.8	1.4	90.1	22.7	74.5	12.6	11.0
Not Listed**	24,070	3.0	3.0	1.7	90.4	20.8	67.9	10.1	20.5
Undecided	151,860	19.1	3.2	6.0	100.5	24.0	74.1	12.4	11.4
None	16,723	2.1	1.6	0.2	74.3	6.6	62.7	9.9	25.6
Blank	25,251	3.2	7.2	2.5	89.8	16.6	67.0	12.1	17.2

* The percentages listed for type of school support do not add up to 100% because a small percentage of schools in each state did not provide this information.

** Colleges named but could not be categorized by type.

Table 5

Summary Data for Male 1967 NMSQT Participants by Career Choice

Career Choice	N	% of Total	% Achievement	% with Scores Above 134	Mean NMSQT Selection Score	% with HS Grade Averages of B+ to A	Type of School Support*		
							Public	Indep.	Paroch.
ACCOUNTANT	9,196	2.4	3.8	1.8	93.9	17.1	62.5	11.3	24.4
ACTOR	947	0.2	4.2	6.2	101.6	18.3	66.3	17.5	16.0
ACTUARY	326	0.1	1.8	20.6	118.0	53.7	77.9	12.0	8.0
ADVERTISER	1,324	0.3	2.9	3.9	99.3	11.5	56.0	19.6	22.3
ANTHROPOLOGIST	393	0.1	3.8	12.2	104.6	23.4	70.0	14.5	13.2
ARCHAELOGIST	951	0.2	1.1	7.4	104.4	20.6	74.8	11.7	12.0
ARCHITECT	9,560	2.4	3.8	4.0	98.6	20.0	75.7	10.2	12.9
ARTIST-FINE	1,562	0.4	6.1	3.4	93.6	12.8	71.2	10.2	17.2
ARTIST-GRAPHIC	2,121	0.5	6.1	2.5	93.2	11.3	68.7	10.5	19.3
ASTRONOMER	1,158	0.3	3.4	16.1	110.8	39.0	78.1	7.1	13.4
BIOCHEMIST	1,733	0.4	4.6	18.6	116.2	48.4	78.1	7.8	11.1
BIOLOGICAL SCIENTIST	5,458	1.4	4.6	10.3	109.3	30.7	77.8	8.9	11.2
BIOPHYSICIST	239	0.1	6.7	20.1	109.8	44.4	80.8	8.0	8.4
BUSINESS MANAGER	11,477	2.9	3.4	2.9	94.3	13.0	58.5	18.8	21.1
CHEMIST	5,344	1.4	4.1	15.7	114.2	44.0	78.5	8.1	11.3
COMPUTER PROGRAMMER	4,668	1.2	5.3	6.3	100.8	24.1	71.2	8.0	19.1
DENTIST	6,226	1.6	2.5	2.7	101.8	27.7	69.8	12.8	15.6
EARTH SCIENTIST	282	0.1	6.7	4.6	94.1	12.8	71.6	6.7	20.0
ECONOMIST	805	0.2	4.1	9.8	104.1	22.6	66.0	16.6	15.3
EDUCATION									
UNSPECIFIED	12,405	3.2	4.1	4.2	98.9	19.6	67.4	10.8	20.0
ADMINISTRATION	378	0.1	6.9	3.2	95.1	19.8	75.9	8.7	13.8
ART	735	0.2	7.8	2.2	87.7	9.1	77.1	6.7	14.6
COLLEGE	2,270	0.6	2.6	25.9	118.9	49.0	71.2	12.0	14.7
ELEMENTARY	1,023	0.3	5.6	1.4	91.8	12.6	74.4	5.9	18.2
GUIDANCE	286	0.1	9.1	1.4	93.8	13.6	62.6	12.2	23.4
MUSIC	2,413	0.6	4.4	4.9	100.3	22.6	83.7	4.9	9.3
PHYSICAL	5,437	1.4	5.8	0.2	84.2	7.2	77.9	5.9	14.2
RELIGIOUS	654	0.2	1.5	2.9	97.8	22.6	44.6	20.3	33.3
SECONDARY	8,643	2.2	2.4	7.4	107.1	29.8	73.5	8.1	16.6
SPECIAL	728	0.2	7.7	2.6	92.5	16.2	69.6	9.2	18.0
ENGINEERING									
UNSPECIFIED	24,547	6.3	3.2	8.5	107.3	36.2	74.7	9.4	14.1
AERONAUTICAL	8,787	2.2	3.3	6.9	105.7	31.7	74.8	10.0	13.5
AGRICULTURAL	1,700	0.4	2.9	0.9	88.7	18.6	85.4	5.2	8.4
CHEMICAL	3,980	1.0	2.3	13.6	114.5	49.9	78.7	8.1	11.3
CIVIL	4,284	1.1	2.1	4.8	103.7	28.8	74.6	9.3	14.7
ELECTRICAL	13,782	3.5	4.4	7.9	103.7	27.7	75.1	8.7	14.2
INDUSTRIAL	1,595	0.4	5.1	3.3	94.1	19.6	75.1	9.2	14.7
MECHANICAL	7,897	2.0	3.7	3.1	94.4	18.2	72.2	9.2	17.2
METALLURGICAL	474	0.1	2.5	8.4	108.6	28.5	74.5	8.0	15.6
SCIENTIST	1,053	0.3	4.5	15.9	112.2	39.8	80.2	8.4	10.0
ENTERTAINER	1,454	0.4	4.1	3.2	94.4	10.1	66.8	10.9	20.5
FARMER	3,172	0.8	1.1	1.0	88.8	17.8	85.2	6.0	7.5
FINANCIER	1,933	0.5	2.5	7.1	103.3	21.4	59.4	20.2	18.3
FORESTER	5,636	1.4	0.6	1.7	93.7	11.3	80.5	5.7	12.2
GEOLOGIST	849	0.2	1.5	7.1	105.5	23.3	78.2	9.0	10.7
GOVERNMENT	2,200	0.5	4.1	12.0	107.7	28.7	63.0	16.9	17.4
HEALTH FIELDS	258	0.1	11.6	4.3	91.2	16.7	74.8	8.5	13.6
HOTEL MANAGER	606	0.2	2.0	1.6	92.3	6.4	60.2	20.1	18.2
INTERIOR DECORATOR	343	0.1	8.8	-	86.0	7.0	65.9	12.2	19.8
JOURNALIST	4,770	1.2	2.2	14.8	113.0	25.6	65.2	15.3	17.8
LAWYER	20,019	5.1	3.5	11.4	110.1	33.6	57.5	15.7	14.4
LINGUIST	988	0.2	3.5	11.2	110.6	37.8	63.3	15.6	19.2
MATHEMATICIAN	7,061	1.8	6.1	15.6	111.5	47.3	77.1	8.0	12.9
MEDICAL TECHNOLOGIST	1,270	0.3	10.0	2.8	96.0	22.4	72.8	9.5	14.8
METEORDLOGIST	678	0.2	1.3	5.3	103.0	22.7	72.4	9.3	16.4
MILITARY	6,260	1.6	3.3	5.7	101.4	22.1	72.9	11.6	13.9
MINISTER	4,675	1.2	1.4	7.2	106.9	31.1	40.2	19.9	38.7
MUSICIAN	2,162	0.6	6.2	6.4	98.8	20.5	76.1	8.2	13.6
OCEANOGRAPHER	2,993	0.8	0.6	9.2	108.5	23.8	74.6	12.2	11.4
OPTOMETRIST	620	0.2	2.3	2.4	100.6	27.3	79.4	9.7	10.0
PERSONNEL	439	0.1	5.2	2.7	92.4	14.1	64.7	10.9	21.0
PHARMACIST	3,415	0.9	3.4	1.9	98.4	26.2	75.3	7.1	15.2
PHYSICAL SCIENTIST	630	0.2	3.0	32.4	121.6	58.7	78.6	8.9	9.5
PHYSICAL THERAPIST	407	0.1	11.1	1.0	88.1	9.6	72.2	8.6	17.4
PHYSICIAN	15,313	3.9	3.8	12.7	113.4	46.8	70.0	15.5	11.9
PHYSICIST	3,969	1.0	2.8	34.7	125.5	63.4	81.6	8.4	8.0
PHYSIOLOGIST	307	0.1	6.5	5.9	101.7	25.1	69.4	14.0	14.3
POLITICAL SCIENTIST	1,811	0.5	2.7	15.8	115.6	34.7	72.2	12.3	13.3
PSYCHOLOGIST	3,106	0.8	5.6	10.0	109.7	27.5	62.1	17.6	17.9
SALES REPRESENTATIVE	911	0.2	1.2	1.0	91.3	8.7	60.9	15.7	22.0
SCIENTIST	5,165	1.3	2.6	21.8	118.2	49.6	78.6	9.3	9.5
SOCIAL SCIENTIST	567	0.1	6.0	21.7	113.4	34.9	73.7	11.6	12.5
SOCIAL WORKER	1,045	0.3	14.3	4.4	93.3	12.2	58.6	15.1	24.8
SOCIOLOGIST	469	0.1	11.9	8.1	101.6	20.7	64.8	13.0	19.4
TRANSPORTATION MANAGER	252	0.1	5.2	2.8	90.2	8.3	65.1	15.9	18.7
VETERINARIAN	4,084	1.0	1.6	2.6	98.3	20.9	79.3	9.1	9.9
UNDECIDED	70,423	18.0	2.3	7.7	102.6	23.7	72.8	12.3	13.0
OTHER	9,665	2.5	3.3	3.8	94.7	15.1	73.0	10.0	15.3
BLANK	34,175	8.7	5.4	2.2	87.2	10.7	66.5	13.8	16.4

* The percentages listed for type of school support do not add up to 100% because a small percentage of schools in each state did not provide this information.

Table 6

Summary Data for Female 1967 NMSQT Participants by Career Choice

Career Choice	N	% of Total	% Achievement	% with Scores Above 134	Mean NMSQT Selection Score	% with HS Grade Averages of B+ to A	Type of School Support* Public	Indep.	Paroch.
ACCOUNTANT	4,394	1.1	10.2	0.8	87.5	30.5	77.3	7.8	13.0
ACTOR	1,993	0.5	4.1	6.6	103.6	30.6	68.1	16.5	12.4
ADVERTISER	858	0.2	2.0	4.5	103.8	30.9	69.1	13.4	15.0
ANTHROPOLOGIST	439	0.1	5.7	15.3	111.3	42.4	73.1	14.6	9.6
ARCHAEOLOGIST	814	0.2	2.1	11.1	110.4	42.4	74.2	13.6	10.1
ARCHITECT	782	0.2	4.4	7.7	106.3	40.9	78.5	11.6	8.2
ARTIST-FINE	4,707	1.2	3.0	3.1	99.9	26.6	73.4	12.2	12.0
ARTIST-GRAPHIC	4,584	1.1	3.4	3.3	100.1	25.5	68.9	12.9	16.2
ASTRONOMER	188	0.1	7.4	11.7	108.3	49.5	81.4	5.8	10.6
BIOCHEMIST	1,265	0.3	9.4	18.3	113.9	63.2	76.5	8.7	11.3
BIOLOGICAL SCIENTIST	4,216	1.0	6.3	13.0	111.8	54.1	76.2	10.6	10.6
BUSINESS MANAGER	5,108	1.3	13.4	0.5	82.5	23.6	73.3	9.0	15.3
CHEMIST	1,293	0.3	8.6	17.2	114.3	63.8	75.2	8.7	13.0
COMPUTER PROGRAMMER	5,029	1.2	7.8	6.1	100.6	42.8	74.0	9.5	14.0
DENTIST	945	0.2	4.1	1.6	93.3	27.9	72.7	10.9	14.6
ECONOMIST	838	0.2	9.4	3.8	96.2	35.7	78.6	8.1	11.0
EDUCATION									
UNSPECIFIED	32,789	8.1	5.0	4.0	100.6	38.7	75.7	8.6	13.0
ART	3,078	0.8	2.5	2.4	97.8	23.0	74.1	10.0	13.7
COLLEGE	1,926	0.5	5.3	17.6	112.5	59.1	77.4	10.6	9.4
ELEMENTARY	33,635	8.3	3.3	1.8	98.2	30.2	74.9	9.1	13.9
GUIDANCE	1,454	0.4	7.2	4.1	102.3	41.8	75.9	9.0	12.7
MUSIC	4,941	1.2	4.0	4.4	101.0	39.8	84.2	6.2	7.3
PHYSICAL	7,318	1.8	4.5	0.6	90.9	21.6	82.9	5.7	9.3
RELIGIOUS	1,312	0.3	1.8	5.1	99.0	38.6	71.4	12.4	14.6
SECONDARY	26,658	6.6	2.8	7.6	108.8	51.8	78.1	7.8	11.8
SPECIAL	3,966	0.9	4.5	4.3	103.3	34.1	70.3	11.6	15.5
ENGINEERING									
UNSPECIFIED	524	0.1	7.8	16.2	112.6	60.3	76.9	9.9	9.7
AERONAUTICAL	247	0.1	6.1	11.7	107.0	51.4	72.1	12.1	13.4
ENTERTAINER	951	0.2	9.0	1.8	92.3	24.0	69.5	11.5	15.8
GOVERNMENT	1,771	0.4	5.8	12.1	108.4	46.0	68.8	15.5	13.5
HEALTH FIELDS	807	0.2	5.2	3.4	96.6	30.9	74.0	10.2	14.5
HOME ECONOMIST	5,389	1.3	6.9	1.5	93.3	31.1	77.3	7.6	13.1
INTERIOR DECORATOR	5,583	1.4	4.4	1.2	93.3	24.4	73.5	11.3	13.4
JOURNALIST	7,818	1.9	3.0	10.9	111.7	41.7	72.3	12.1	13.2
LAWYER	2,752	0.7	10.8	9.9	105.5	45.4	72.8	12.4	11.3
LIBRARIAN	2,280	0.6	7.3	7.6	104.1	39.1	81.7	7.4	9.0
LINGUIST	8,300	2.1	3.2	13.2	113.2	56.5	73.4	12.0	12.3
MATHEMATICIAN	5,416	1.3	9.2	12.6	110.7	61.0	74.9	10.1	12.6
MEDICAL TECHNOLOGIST	7,543	1.9	6.4	3.4	101.2	40.5	72.2	10.3	15.5
MILITARY	568	0.1	10.0	2.1	87.1	19.7	68.3	12.2	16.7
MINISTER	340	0.1	2.4	6.8	103.8	42.4	86.5	5.0	4.1
MUSICIAN	2,596	0.6	6.9	6.3	101.8	40.0	81.2	8.2	8.6
NURSE	31,795	7.9	6.0	1.7	95.6	27.0	70.2	9.9	18.1
OCCUPATIONAL THERAPIST	846	0.2	5.4	3.4	97.3	27.3	72.6	10.2	14.9
OCEANOGRAPHER	803	0.2	1.4	12.2	112.7	45.8	80.2	8.7	9.0
PERSONNEL	661	0.2	7.6	2.4	90.4	24.8	59.5	12.1	24.1
PHARMACIST	1,587	0.4	7.6	4.7	103.5	54.7	79.3	7.9	10.8
PHYSICAL SCIENTIST	231	0.1	5.6	11.3	105.4	39.0	67.5	11.3	18.6
PHYSICAL THERAPIST	4,425	1.1	7.0	2.3	98.7	32.7	74.7	9.0	13.9
PHYSICIAN	5,813	1.4	9.4	13.9	112.1	58.5	72.2	12.2	13.1
PHYSICIST	329	0.1	7.3	32.2	121.2	68.4	73.2	14.6	9.4
PHYSIOLOGIST	569	0.1	9.1	3.3	97.7	31.1	73.6	10.9	12.5
POLITICAL SCIENTIST	970	0.2	4.8	14.1	114.3	48.4	70.2	15.4	11.2
PSYCHOLOGIST	7,528	1.9	7.7	7.7	107.6	42.2	72.9	11.2	12.7
SALES REPRESENTATIVE	278	0.1	4.3	0.4	91.3	23.7	67.6	12.2	18.7
SCIENTIST	2,076	0.5	4.6	18.9	115.7	62.6	72.5	12.8	11.7
SOCIAL SCIENTIST	763	0.2	6.7	15.2	111.2	45.2	76.0	11.0	10.1
SOCIAL WORKER	11,592	2.9	10.9	3.2	97.2	28.7	69.9	11.5	16.2
SOCIOLOGIST	1,411	0.4	15.4	4.5	100.4	34.2	69.8	12.7	15.0
SPEECH THERAPIST	1,793	0.4	8.8	2.1	97.5	33.7	71.5	10.4	15.3
VETERINARIAN	2,269	0.5	2.1	7.1	106.5	35.7	80.1	8.5	9.3
UNDECIDED	68,677	17.0	3.1	6.7	101.8	36.2	76.1	10.9	10.8
OTHER	21,972	5.4	4.0	1.5	89.0	22.2	68.6	10.3	19.2
BLANK	28,512	7.1	7.6	1.3	84.9	16.5	70.6	9.7	17.1

* The percentages listed for type of school support do not add up to 100% because a small percentage of schools in each state did not provide this information.

Table 7

Percentages of Achievement and Merit Participants Indicating Career Choices in these Broad Career Fields

Career Fields	Males		Females		Total	
	Achieve-ment	Merit	Achieve-ment	Merit	Achieve-ment	Merit
Engineering	19.4	19.1	.7	.4	8.0	9.6
Sciences, unspecified	1.1	1.5	.5	.6	.7	1.0
Physical and Natural Sciences	10.3	8.5	6.1	3.2	7.7	6.1
Health Sciences	9.7	8.9	19.4	15.2	15.6	12.1
Social Sciences	4.3	2.5	12.0	6.7	8.9	4.4
Education	11.8	9.7	24.1	31.6	19.4	20.8
Other occupations	30.0	29.9	26.1	23.7	27.7	26.7
Undecided	13.4	19.9	11.1	18.6	12.0	19.3
Total	100.0	100.0	100.0	100.0	100.0	100.0

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1. Do Counselors Know When to Use Their Heads Instead of the Formula?, by D. J. Watley (also in Journal of Counseling Psychology, 1968, 15, 84-88).
2. Paternal Influence on Career Choice, by C. E. Werts, (also in Journal of Counseling Psychology, 1968, 15, 48-52).
3. The Effects of Feedback Training on Accuracy of Judgments, by D. J. Watley (also in Journal of Counseling Psychology, 1968, 15, 167-272).
4. Study of College Environments Using Path Analysis, by C. E. Werts.
5. Effects of Offers of Financial Assistance on the College-Going Decisions of Talented Students with Limited Financial Means, by N. C. Crawford, Jr.

Volume 4, 1968

1. Career Progress of Merit Scholars, by D. J. Watley (also in Journal of Counseling Psychology, 1969, 16, 100-108).
2. Stability of Career Choices of Talented Youth, by D. J. Watley.

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1. Career Decisions of Talented Youth: Trends over the Past Decade, by D. J. Watley and R. C. Nichols.
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3. A Student's Dilemma: Big Fish--Little Pond or Little Fish--Big Pond, by C. E. Werts and D. J. Watley (also in Journal of Counseling Psychology, 1969, 16, 14-19).
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7. Career or Marriage?: A Longitudinal Study of Able Young Women, by D. J. Watley (also, Career or Marriage?: Aspirations and Achievements of Able Young Women, by D. J. Watley and Rosalyn Kaplan in Journal of Vocational Behavior, 1971, 1, 29-43).
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