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## **College accounting testing program bulletin no. 48; Results, Spring 1963**

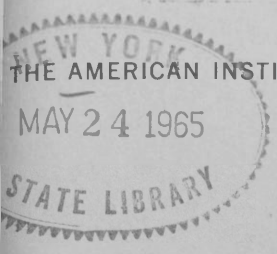
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# RESULTS

SPRING 1963

## College Accounting Testing Program



PREPARED BY THE AICPA  
TESTING PROJECT OFFICE  
21 AUDUBON AVE., N.Y. 32, N.Y.  
JULY 1963 / BULLETIN 48

**RESULTS**

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SPRING 1963

College Accounting  
Testing Program

JULY 1963 / BULLETIN 48

THE AMERICAN INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS  
COLLEGE ACCOUNTING TESTING PROGRAM

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Thomas Mahorney, College Program Supervisor

INSTITUTIONS PARTICIPATING IN 1963 SPRING PROGRAM

Academy of Accountancy	Calvin College	Georgetown College
Adams State College	Canisius College	Georgetown University
Adelphi College	Carson-Newman College	Gettysburg College
A & M College of Texas	Catawba College	Goshen College
University of Akron	Central Michigan	Graceland College
University of Alabama	University	Greenville College
Alpena Community College	Chaffey College	Gustavus Adolphus
American International	University of Chattanooga	College
College	Chowan College	
University of the	Clark College	Hampton Institute
Americas	Colorado College	Harding College
Anchorage Community	Colorado State College	University of Hartford
College	University of Colorado	Heidelberg College
Anderson College	Concord College	Hofstra College
Arizona State University	Cornell College	College of the
Arkansas College		Holy Cross
Arkansas State College	David Lipscomb College	Hope College
Ashland College	University of Dayton	Humboldt College
Assumption University	De Paul University	Huntingdon College
of Windsor	De Pauw University	
Aurora College	Detroit Business	College of Idaho
Austin Peay	Institute	Illinois State
State College	Detroit Institute of	Normal University
	Technology	Immaculata College
Ball State Teachers	Dickinson College	Indiana Central
College	Drake University	College
Baltimore College of	University of Dubuque	Indiana State College
Commerce	Duff's Iron City	Iona College
University of Baltimore	Business Institute	Ithaca College
Bellarmino College	Duquesne University	
Berea College		Jackson Junior College
Berkshire Community	East Carolina College	Jacksonville University
College	East Tennessee State	Kent State University
Bliss College	College	Keuka College
Bloomfield College	Eastern Michigan	
Bluefield College	College of Commerce	Lamar State College
Bowling Green College	Eastern Washington	of Technology
of Commerce	State College	Lawrence College
Bowling Green State	Edison Junior College	Lebanon Valley College
University	Elizabethtown College	Lee College
Bradley University	Elon College	Lehigh University
Bridgewater College	Emory & Henry College	Lewis & Clark University
Brigham Young	Erie Business Center	Little Rock University
University	Evansville College	Louisiana State
Brooklyn College		University
Junior College of	Fairfield University	University of Louisville
Broward County	Fenn College	Luther College
Bryant College	Flint Community	Lycoming College
Burdett College	Junior College	
	Flint College	Manchester College
Cabrillo College	Florence State College	Manhattan College
California College	University of Florida	Marquette University
of Commerce		Maryville College
California State	Gallaudet College	University of
Polytechnic College	Gannon College	Massachusetts

INSTITUTIONS PARTICIPATING IN 1963 SPRING PROGRAM (CONTINUED)

Massey College	Rochester Institute of Technology	University of South- western Louisiana
McMurry College	University of Rochester	Southwestern University
Merrimack College	Roosevelt University	Spencerian College
University of Miami	Rutgers, The State University	Springfield Junior College
Middlebury College		Spring Hill College
Midland College	Saginaw Business Institute	Strayer Junior College
Midwest Institute of Business Administration	St. Ambrose College	Susquehanna University
Millikin University	St. Francis College (New York)	Taft College
Mississippi College	St. Francis College (Pennsylvania)	Taylor University
University of Mississippi	St. John's College	Temple University
Moravian College	St. John's University (Minnesota)	University of Tennessee
Murray State College	St. John's University (New York)	Texas College of Arts & Industries
Nasson College	St. Joseph's College	Texas Lutheran College
New York State Ag.-Tech. Institute (Alfred)	St. Joseph's College (Calumet Center)	Texas Western College
New York State Ag.-Tech. Institute (Cobleskill)	St. Martin's College	Thompson Institute
Newberry College	St. Mary's College	Tusculum College
Niagara University	St. Mary's University	Union College
Nichols College of Business Administration	St. Michael's College	Ursinus College
University of North Carolina	St. Norbert College	Villa Madonna College
Northern State Teachers College	St. Olaf College	Virginia Junior College
Northland College	St. Peter's College	Virginia Polytechnic Institute
Ohio State University	St. Petersburg Junior College	Virginia State College
University of Omaha	St. Vincent College	Wake Forest College
Orange County Community College	Salisbury Business College	Walla Walla College
Parsons College	San Diego City College	Walsh Institute of Accountancy
Peirce School of Business Administration	University of San Diego	Washington & Lee University
Pennsylvania Military College	City College of San Francisco	Washington State University
University of Pennsylvania	University of San Francisco	West Liberty State College
Pfeiffer College	College of the Sequoias	West Texas State College
Port Huron Junior College	Seton Hall University	West Virginia State College
Providence College	Shasta College	West Virginia University
Queens College	Siena College	Western Michigan University
Quincy College	Skagit Valley College	Western State College
Randolph-Macon College	University of South Dakota	Wheaton College
Regis College (Colorado)	University of South Florida	Whitman College
Regis College (Massachusetts)	Southern Illinois University	Wilkes College
University of Rhode Island	Southern Missionary College	Willamette University
Rider College	Southern State College	College of William & Mary
Riverside City College		Wisconsin State College
Robert Morris Junior College		University of Wisconsin- Milwaukee
		Woodbury College
		University of Wyoming
		Xavier University

INTRODUCTION

The College Accounting Testing Program was initiated in the fall of 1946 as a service to schools and colleges of business by the American Institute of Certified Public Accountants. Three yearly programs are offered: fall (September-October), midyear (January-February), and spring (April-May). The Project Office also scores and reports for testings throughout the year outside these three formal programs.

Fifty-seven institutions took part in the first (1947) spring program. The subsequent spring programs soon attained an average of more than two hundred participating colleges. This bulletin reports the results of the seventeenth annual spring program.

The following figures show the slight variations in the past five spring programs. The current 1963 spring program differs from the preceding 1962 program by an increase of about four per cent in the number of participants and a negligible decrease of less than one per cent in the number of tests used.

Number of Participating Colleges and Volume of Tests Used in Spring Programs During Past Five Years

<u>Programs</u>	<u>Colleges</u>	<u>Tests Used</u>
1959	234	13,398
1960	214	12,597
1961	254	15,362
1962	235	15,536
1963	245	15,443

Each program bulletin, fall, midyear, and spring, carries tables summarizing the results of the Orientation Test and the Achievement Tests, Level I and Level II. However, the Orientation Test is used in larger quantities in the fall program and the Achievement Tests are used more in the spring program. The auxiliary midyear program is apt to include all three tests in varied quantities as befits the needs of individual colleges. As usual, the Level I Achievement Tests account for over two-thirds of the total number of tests used in the current program. The figures below indicate the number of different tests used in the 1963 spring program.

<u>Test</u>	<u>Number</u>	<u>Per Cent</u>
Achievement Tests, (Program Forms)		
Level I, Short Form	6,701	43
Level I, Two-hour Form	4,028	26
Level II, Two-hour Form	2,386	15
Level II, Four-hour Form	563	4
Orientation Test (Program Form)	1,477	10
Strong Blank and Non-Program Forms	288	2

The 288 tests in the last category include 178 Strong Vocational Interest Blanks and 110 copies of the alternate forms of the Orientation and Achievement Tests given for counseling purposes, retestings, and local comparative evaluation.

The scoring and reporting services for colleges were conducted during the 1963 spring program at the usual tempo. During the April 1 to May 31 period, 45 per cent of the reports were mailed within forty-eight hours of the time the answer sheets were received for scoring. An additional 30 per cent of the reports went out from the Project Office within three to five days after receipt of the answer sheets, and the remaining 25 per cent fell within a two-week service period.

More than 275,000 tests have been used in the spring programs, 1947 through 1963. The institutions listed below have been represented in at least ten spring programs.

Number of Participations - Spring 1947 through 1963

<u>Seventeen each</u>	<u>Fourteen each</u>	<u>Eleven each</u>
Univ. of Alabama	Adelphi College	Ball State Tchrs. Coll.
Univ. of Louisville	Brooklyn College	Bellarmino College
Marquette Univ.	Calvin College	Bowling Green S. U.
Niagara Univ.	Duquesne Univ.	Bradley Univ.
Univ. of Pennsylvania	Fairfield Univ.	Elizabethtown Coll.
Virginia Poly. Inst.	Jackson Jr. Coll.	Hampton Institute
Washington & Lee Univ.	Kent State Univ.	Lebanon Valley Coll.
	Luther College	Lycoming College
<u>Sixteen each</u>	Univ. of Mississippi	Univ. of No. Carolina
A & M Coll. of Texas	Rider College	Rochester Inst. Tech.
Catawba College	Univ. of Rochester	St. Michael's Coll.
The Colorado College	St. Francis Coll.(Pa.)	St. Vincent's Coll.
Hofstra College	St. Mary's Univ.	Univ. So. West. Louisiana
Coll. of Holy Cross	Univ. of San Francisco	Univ. of Wyoming
Univ. of Miami	Siena College	
Regis Coll. (Colo.)	Spring Hill Coll.	<u>Ten each</u>
Rutgers, The S. U.	Spencerian Coll.	Arizona State Univ.
St. Joseph's C. (Ind.)	Strayer Jr. Coll.	Assumption College
		Austin Peay St. Coll.
<u>Fifteen each</u>	<u>Thirteen each</u>	Bridgewater College
Univ. of Akron	Arkansas State Coll.	Colorado St. Coll.
Brigham Young Univ.	Cent. Michigan Univ.	Dickinson College
Bryant College	Univ. of Chattanooga	Univ. of Florida
Chaffey College	Hope College	Heidelberg College
De Paul Univ.	Merrimack College	Lamar St. Coll. Tech.
Drake Univ.	Univ. of Omaha	Regis Coll. (Mass.)
Flint Comm. Jr. Coll.	Univ. of Rhode Island	St. Francis Coll. (N.Y.)
Gannon College	Roosevelt Univ.	St. Norbert College
Iona College	St. Ambrose Coll.	City Coll. San Francisco
Lehigh Univ.	Seton Hall Univ.	Univ. of Tennessee
Univ. of Massachusetts	Temple Univ.	Walsh Inst. of Acctncy.
Penna. Military Coll.	Wake Forest Coll.	Washington State Univ.
Providence College		West Texas State Coll.
Queens College	<u>Twelve each</u>	Wilkes College
Univ. of So. Dakota	Univ. of Baltimore	
So. Illinois Univ.	Canisius College	
Susquehanna Univ.	Univ. of Hartford	
Walla Walla College	Lawrence College	
Wheaton College	NYS Ag-Tech Inst, Alf.	
C. of William & Mary	Peirce Sch. of Bus.	
	West. Michigan Univ.	

The College Accounting Testing Program is happy to welcome the following institutions as first-time participants this spring:

The American International College	Junior College of Broward County
Bloomfield College	Maryville College
Cabrillo College	Quincy College
Chowam College	Tusculum College
Cornell College	Ursinus College
Edison Junior College	Whitman College



Forty-one states, including the District of Columbia, and Canada and Mexico were represented this spring. Compared with the preceding spring program, the Southern section representation was augmented by eleven participants. The Middle Atlantic group included six more institutions, and the New England states three more than in the 1962 spring program. There was a decrease in the current program of six colleges in the North Central group and five in the West. In the individual states, Pennsylvania led with twenty-four representations, followed by New York with eighteen. Texas had ten; Ohio, Tennessee and Virginia, nine each; Massachusetts and North Carolina, eight each; and Florida, Iowa, Kentucky, Washington, and Wisconsin, seven each. The twenty-six other states and the District of Columbia were represented by from one to six colleges each. The regional representation of the participating institutions is shown below.

Participation, by Geographical Regions, in 1962 and 1963 Spring Programs

Region	1962 Spring Program		1963 Spring Program	
	Number	Per Cent	Number	Per Cent
New England	13	5.4	16	6.6
Middle Atlantic	43	18.2	49	20.1
North Central	77	32.8	71	28.9
South	61	25.9	72	29.3
West	40	17.3	35	14.3
Canada	1	0.4	1	0.4
Mexico			1	0.4
Total	235	100.0	245	100.0

The participation by types of colleges has followed a consistent pattern in the spring programs. A compilation of averages in participation has shown that liberal arts colleges make up about 51 per cent of the participating institutions each spring, and schools of business in universities account for about 27 per cent of the total groups. There is usually a 6 per cent representation each by junior colleges, independent business schools, and technical colleges, with a 4 per cent showing by teachers colleges.

In the spring 1963 program, the Project Office reported results of testings to 127 liberal arts colleges, or 52 per cent of the total number of 245 participating institutions. Fifty-nine schools of business in universities, or a 24 per cent representation, closely follows the established pattern. Twenty-one junior colleges (9 per cent), nineteen independent business schools (8 per cent), and fourteen technical colleges (5 per cent) show small variations from the norm. Five teachers colleges make up 2 per cent of the 1963 spring program participants.

All of the AICPA accounting tests are available for use by colleges in the fall, midyear, and spring programs. The Project Office also cooperates with institutions wishing to test in summer sessions or conduct research studies. Concomitant with the 1963 spring program, 1,740 High School Orientation Tests for students in forty-five high schools were scored and reported for the Kansas Society of CPA's.

More than 700 colleges have participated in the forty-eight programs that have been conducted since the inception of the College Accounting Testing Program in 1946. The total number of tests used in the fall, midyear, and spring programs of the 1962-1963 academic year was 28,880, which was 0.3 per cent more than the 1961-1962 volume of 28,794 tests.

## SUMMARY OF TEST RESULTS

Distributions of the scores and college medians for the recommended forms of the Orientation and Achievement Tests are shown in the tables on the following pages. Indicated numerically at the bottom of each distribution are: the number of students tested and the number of colleges; the median, quartiles, range, and the 90th and 10th percentile points. Medians are not reported for less than five frequencies, nor are quartiles, 90th, and 10th percentile points shown for less than fifteen frequencies.

The medians are shown graphically by the short horizontal lines adjacent to the distributions. The ranges of the middle 50 per cent of the scores are marked by the vertical lines parallel to the distributions. Norm medians, based on results obtained in earlier programs, are indicated by broken lines extending across the distribution columns.

The  $Q_3$ , median, and  $Q_1$  points are the scores that divide the distributions into fourths. A  $Q_3$  entry in a column signifies that one-fourth of the students tested had scores above that point, and that three-fourths of the students fell below it. At the other end of a distribution, a  $Q_1$  entry represents the point below which one-fourth of the students' scores fell. The median denotes the midpoint in the distribution. The 90th percentile and 10th percentile points separate the highest 10 per cent and the lowest 10 per cent of the distribution from the other 80 per cent.

In accordance with the customary procedure, the results obtained from the tests administered to students on a voluntary participation basis are reported in separate distributions. Participation is regarded to have been on a voluntary basis when less than 90 per cent of the students in a given class took the test.

A summary of the results of the various tests is given below.

ACHIEVEMENT TEST, LEVEL I, FORMS A-S AND A. - The short Form A-S of the Level I test was administered to 5,796 first year students in eighty-six colleges, and to 464 second year students in fifteen colleges. The results are reported in Table I. The current first year median is slightly below the established norm median, while the second year median is two points above the 1956-1962 norm median.

Table II shows the results of the two-hour Form A of the Level I Achievement Test. The sizable group of 2,977 first year students in fifty-nine colleges has a median of 53.6, which is six-tenths of a point above the dotted line that indicates the national norm median for first year students on this test. The results for the smaller group of 838 second year students show a median that is 2.8 points below the previously established second year norm median. It will be seen from the third section of the table that the fifty-nine third year students in five colleges have a Form A median that is 4.3 points above the norm median for their level of study.

The results for the first year students who took Form A-S and Form A of the Level I test on a voluntary participation basis are reported in Table III. The norm medians shown in this table are based on results for groups that took the tests on a required participation basis, since voluntary participation generally yields results that vary considerably from one year to another. In comparison with these norm medians for the corresponding levels of study, the Form A-S median for the 196 first year students in nine colleges is 2.2 points low, and the Form A median for the eighty-four students in five colleges is 5.5 points high.

ACHIEVEMENT TEST, LEVEL II, FORM F. - Form F of the two-hour Level II test, which was constructed expressly for use with senior accounting classes, was introduced in the 1962 spring program. As will be seen from Table IV, there is very little difference between the 1962 and 1963 spring program medians for the seniors. The current group of 1,550 seniors has a median of 37.3, which is just two-tenths of a point below that of the group of 1,436 seniors who took this test last spring. The small group of 158 seniors who took the II-F test on a voluntary participation basis this spring has a median that exceeds the 1962 spring norm median by two points.

Since some colleges give the Level II test to second and third year accounting students each spring, the Project Office has compiled norms for the intermediate level of study. This spring, 634 second and third year students in thirty-two colleges took the II-F test and obtained a median that is 1.8 points above the corresponding median of the 1962 spring program.

ACHIEVEMENT TEST, LEVEL II, FORM B. - This form of the Level II test has been steadily popular with colleges that prefer a four-hour test for their accounting seniors. Between 1956 and 1962, some 3,641 seniors have taken this form in the spring programs. Table V shows the results for this spring for 514 seniors in twenty-two colleges. Their group median falls 4.7 points below the 1956-1962 norm median and corresponds to a percentile of 43 on the established norms.

ORIENTATION TEST, FORM A (REVISED). - The norms for this edition of the fifty-minute aptitude test, which was first used in the 1961 spring program, are based on the results of 2,798 first year students in forty colleges that administered Form A in the 1961 and 1962 spring programs. As shown in Tables VI and VII, the medians for the groups tested this spring are just slightly higher than the established norm medians. On the verbal part of the test, the median for the group of 1,246 first year students is 1.3 points above the norm median. The quantitative median of this group is four-tenths of a point above the norm median, and its total score median exceeds the norm median by 2.3 points.

The results for the small group of 168 first year students in nine colleges who took the Orientation Test on a voluntary participation basis are shown in Table VII. This group's medians surpass the established norm medians by 2.8 points on the verbal scale, one-half point on the quantitative scale, and 1.7 points on the total score scale.

In general, the results obtained this spring on the Orientation Test, like those obtained on the Achievement Tests, are closely in line with the results of previous spring programs.

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Note: Copies of this bulletin, marked to show placement of the college's own medians, will be sent to each participating college.

TABLE I  
ACHIEVEMENT TEST, LEVEL I, FORM A-S  
REQUIRED

Score	FIRST YEAR		SECOND YEAR	
	Scores of Individuals	Medians of Colleges	Scores of Individuals	Medians of Colleges
60	1			
58	9		7	
56	33		8	
54	26		13	
52	66		25	
50	97		17	
48	151		34	1
46	166		25	
44	268	1	35	2
42	212	1	22	2
40	309	2	43	2
38	290	3	33	2
36	388	11	41	3
34	318	10	23	1
32	361	10	27	1
30	309	8	16	
28	428	13	24	1
26	304	6	15	
24	363	6	16	
22	301	5	7	
20	294	3	7	
18	221	5	9	
16	256	2	4	
14	150		6	
12	157		3	
10	126			
8	83		2	
6	47		2	
4	36			
2	9			
0-1	17			
Total	5796	86	464	15
Q3	39.2	35.3	47.0	43.3
Md	30.7	30.8	39.8	39.5
Q1	22.4	26.2	32.4	36.5
Range	0-60	16.0-44.6	6-59	29.0-48.2
90 %ile	45.8	37.7	52.5	45.5
10 %ile	15.4	21.1	24.8	33.0

----Median, combined spring  
programs, 1959 through 1962

----Median, combined spring  
programs, 1956 through 1962

TABLE II  
ACHIEVEMENT TEST, LEVEL I, FORM A  
REQUIRED

Score	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Scores of Individuals	Medians of Colleges	Scores of Individuals	Medians of Colleges	Scores of Individuals	Medians of Colleges
117-120						
114			1			
111	1		1			
108	1				1	
105	3		2			
102	5		4			
99	9		11		5	
96	15		6		2	
93	18		18		6	
90	24		15		6	1
87	41		27		2	
84	53		33		3	1
81	55		38		3	1
78	60	2	36	2	1	
75	93	1	47	4	3	
72	107	2	41		3	1
69	142		50	4	5	
66	126	5	65	3		
63	171	2	59	4	2	
60	183	5	46		2	
57	177	8	40	3		
54	179	7	50	2	2	
51	198	2	31	2	3	
48	172	6	53		1	
45	166	4	24	2	4	
42	170	6	37			1
39	133	3	23	1	2	
36	124	2	15	1		
33	106	3	11		1	
30	92		16			
27	72		8			
24	57	1	9			
21	62		6		1	
18	38		5			
15	36		5			
12	28					
9	20				1	
6	15		3			
3	12					
0-2	13		2			
Total	2977	59	838	28	59	5
Q3	66.2	61.4	76.9	71.3	92.6	
Md	53.6	55.1	64.8	65.3	77.5	82.5
Q1	40.6	44.9	50.6	55.5	56.6	
Range	0-113	25.5-79.5	0-114	38.3-79.5	11-109	43.5-90.0
90 %ile	77.6	68.5	87.1	77.4	99.1	
10 %ile	27.7	38.9	39.5	46.2	45.7	

----Median, combined spring programs, 1959 through 1962

----Median, combined spring programs, 1956 through 1962

TABLE III  
 ACHIEVEMENT TEST, LEVEL I  
 FIRST YEAR STUDENTS  
 VOLUNTARY

Score	FORM A-S		Score	FORM A	
	Scores of Individuals	Medians of Colleges		Scores of Individuals	Medians of Colleges
			99-120		
60			96	1	
58			93	1	
56			90	2	
54			87	1	
52	2		84	5	
50	1		81	1	
48	8		78	1	
46	2		75	3	
44	4		72	5	
42	7		69	6	
40	12		66	4	
38	8		63	2	1
36	11		60	8	
34	14	3	57	4	4
32	14	3	54	11	
30	11	1	51	5	
28	13		48	4	
26	8		45	3	
24	14	1	42	3	
22	9		39	4	
20	11	1	36	2	
18	8		33		
16	13		30	2	
14	5		27		
12	8		24	4	
10	5		21	1	
8	4		18		
6	1		15		
4	2		12		
2	1		9		
0-1			6	1	
			3		
			0-2		
Total	196	9	Total	84	5
Q3	37.1		Q3	71.5	
Md	29.4	33.0	Md	58.5	58.9
Q1	20.4		Q1	48.8	
Range	3-53	21.5-35.0	Range	7-97	57.6-64.5
90 %ile	43.3		90 %ile	85.0	
10 %ile	13.7		10 %ile	36.6	

----Median, combined spring programs,  
 1959 through 1962

----Median, combined spring programs,  
 1959 through 1962

TABLE IV  
ACHIEVEMENT TEST, LEVEL II, FORM F

Score	SENIOR CLASSES				COMBINED SECOND YEAR AND THIRD YEAR CLASSES	
	REQUIRED		VOLUNTARY		REQUIRED	
	Scores of Individuals	Medians of Colleges	Scores of Individuals	Medians of Colleges	Scores of Individuals	Medians of Colleges
78-90	1		1			
76	1					
74	1					
72	2					
70	7					
68	3					
66	9					
64	9		1		2	
62	23		3		2	
60	17				5	
58	31		8		5	
56	32		4		4	
54	40		5	1	10	
52	37	3	6		4	
50	55	1	8		15	
48	67	2	4		15	
46	79	7	7	2	23	
44	68	3	11		29	2
42	91	1	9		31	2
40	77	7	8	3	25	
38	99	6	15	2	37	2
36	72	4	12		31	4
34	98	11	6		41	5
32	91	11	9		38	2
30	89	5	8	1	49	2
28	83	4	9		28	2
26	92	4	6		33	2
24	62	1	5		31	3
22	66		3	1	43	1
20	35		2		22	1
18	41		3		22	1
16	16				25	2
14	21		2		15	1
12	14		2		16	
10	12				10	
8	2				6	
6	6				9	
4	1				4	
0-2			1		4	
Total	1550	70	158	10	634	32
Q3	46.7	41.9	48.3		40.9	37.0
Md	37.3	35.8	39.5	40.7	32.0	33.0
Q1	28.5	32.6	31.6		23.2	25.3
Range	5-78	25.5-53.1	3-78	23.0-55.0	1-65	15.0-45.5
90 %ile	55.1	47.7	56.6		47.9	42.8
10 %ile	22.2	29.0	25.1		15.9	18.4

---Median, spring program, 1962

TABLE V  
 ACHIEVEMENT TEST, LEVEL II, FORM B  
 SENIOR STUDENTS  
 REQUIRED

Score	Scores of Individuals	Medians of Colleges
138-150		
135	1	
132	1	
129		
126	4	
123	2	
120	4	
117	5	
114	5	
111	7	
108	11	
105	6	
102	13	
99	19	1
96	15	
93	22	1
90	32	2
87	23	1
84	30	2
81	21	2
78	30	1
75	18	2
72	27	3
69	32	4
66	28	1
63	20	
60	18	1
57	20	
54	10	
51	18	
48	9	1
45	17	
42	12	
39	10	
36	7	
33	5	
30	5	
27	4	
24	2	
21	1	
0-20		
Total	514	22
Q3	91.7	86.3
Md	77.0	76.5
Q1	61.4	70.9
Range	23-136	49.5-99.8
90 %ile	103.8	92.7
10 %ile	46.0	66.6

----Median, combined spring programs, 1956 through 1962



TABLE VI  
 ORIENTATION TEST, FORM A, REVISED  
 FIRST YEAR STUDENTS  
 REQUIRED

VERBAL			QUANTITATIVE			TOTAL		
Score	Scores of Individuals	Medians of Colleges	Score	Scores of Individuals	Medians of Colleges	Score	Scores of Individuals	Medians of Colleges
90			60	1		150		
87			58	3		145		
84			56	2		140		
81			54	5		135		
78	1		52	7		130		
75			50	10		125		
72	4		48	9		120	4	
69	3		46	11		115	4	
66	10		44	24		110	9	
63	19		42	36		105	10	
60	26		40	40		100	20	
57	36		38	41		95	34	
54	50		36	55	1	90	47	
51	60	1	34	67		85	66	
48	70		32	64	2	80	82	
45	86	1	30	86	2	75	98	3
42	111	2	28	76	4	70	100	3
39	95	4	26	99	4	65	139	7
36	107	5	24	98	4	60	110	2
33	118	4	22	89	2	55	117	5
30	104	2	20	76	1	50	87	
27	98	2	18	79	2	45	96	1
24	65	2	16	68	1	40	72	2
21	68		14	46		35	57	
18	51		12	45		30	37	
15	32		10	20		25	26	
12	15		8	36		20	14	
9	9		6	15		15	12	
6	5		4	14		10	3	
3	1		2	9		5	2	
0-2	2		0-1	15		0-4		
Total	1246	23	Total	1246	23	Total	1246	23
Q3	46.9	40.7	Q3	34.0	29.6	Q3	78.2	70.4
Md	37.5	36.9	Md	26.3	26.8	Md	64.5	66.1
Q1	28.9	32.6	Q1	19.1	23.8	Q1	49.6	57.8
Range	0-79	25.4-52.5	Range	0-60	17.6-36.0	Range	9-123	42.0-79.6
90 %ile	55.5	44.6	90 %ile	41.2	32.7	90 %ile	90.4	76.2
10 %ile	22.4	27.5	10 %ile	12.7	19.3	10 %ile	37.7	46.5

---Medians, combined spring programs, 1961 and 1962

TABLE VII  
ORIENTATION TEST, FORM A, REVISED  
FIRST YEAR STUDENTS  
VOLUNTARY

VERBAL			QUANTITATIVE			TOTAL		
Score	Scores of Individuals	Medians of Colleges	Score	Scores of Individuals	Medians of Colleges	Score	Scores of Individuals	Medians of Colleges
90			60			150		
87			58			145		
84			56	1		140		
81			54			135		
78	1		52			130		
75			50			125		
72	1		48	3		120		
69			46	4		115		
66	4		44	5		110	3	
63	1		42	7		105	3	
60	3		40	3		100	3	
57	4		38	4		95	8	
54	12	1	36	10		90	8	1
51	8		34	4	2	85	13	1
48	13	1	32	10	1	80	10	
45	16	1	30	12	1	75	15	2
42	11	2	28	12	1	70	6	
39	10		26	11	1	65	13	1
36	12	1	24	13		60	9	1
33	15	2	22	9		55	20	2
30	9	1	20	15	3	50	11	1
27	9		18	15		45	14	
24	13		16	6		40	9	
21	4		14	6		35	9	
18	7		12	6		30	6	
15	5		10	5		25	2	
12	6		8	1		20	3	
9	2		6			15	1	
6	1		4	3		10	1	
3			2	2		5	1	
0-2	1		0-1	1		0-4		
Total	168	9	Total	168	9	Total	168	9
Q3	49.2		Q3	33.8		Q3	83.0	
Md	39.0	42.8	Md	26.4	29.0	Md	63.9	67.5
Q1	28.0		Q1	19.6		Q1	48.6	
Range	0-78	30.0-54.0	Range	0-57	20.0-35.0	Range	5-113	52.5-90.0
90 %ile	56.3		90 %ile	42.9		90 %ile	95.1	
10 %ile	18.8		10 %ile	13.6		10 %ile	36.6	

----Medians, combined spring programs, 1961 and 1962