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## College accounting testing program bulletin no. 20; Results of the 1954 midyear college accounting testing program, January-February, 1954

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THE AMERICAN INSTITUTE OF ACCOUNTANTS  
COLLEGE ACCOUNTING TESTING PROGRAM

Bulletin No. 20

RESULTS OF THE  
1954 MIDYEAR COLLEGE ACCOUNTING TESTING PROGRAM

January-February, 1954

Prepared by  
Committee on Accounting Personnel  
21 Audubon Avenue  
New York 32, N. Y.

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Project Office Staff

Ben D. Wood, Director  
Arthur E. Traxler, Assistant Director

Geraldine Spaulding, Test Development Consultant  
Thomas Mahorney, Test Program Supervisor

## Explanatory Statement

The Midyear College Accounting Testing Program was undertaken in 1951 with the primary purpose of providing for the testing of seniors graduating at the end of the first semester and June graduates who need to obtain results of tests for use in employment interviews early in the spring.

During the four years that this program has been carried on, emphasis has gradually been shifted by the participating colleges themselves from the testing of seniors to the testing of students in lower classes, although the Level II Achievement Test continues to be administered to a considerable number of seniors. In the current program, by far the largest number of students taking part in the midyear program were first-year students.

The number of participating colleges and the number of tests administered during the midyear program in each of the four years are as follows:

<u>Year</u>	<u>Number of Colleges</u>	<u>Number of Tests</u>
1951	50	2,183
1952	50	2,054
1953	35	1,462
1954	41	1,932

It will be observed that the 1954 midyear program was considerably larger than the one in 1953 although somewhat smaller than the programs held in 1951 and 1952.

The total of 1,932 tests administered in this year's program was accounted for by the following numbers of the different kinds of tests: Orientation Test, 981; Achievement Test, Level I, 640; Achievement Test, Level II, 301; Strong blank, 10.

Of the total number of tests used during the midyear program, 1,563 were forms recommended for this program and 359 were out-of-program forms. The distributions of the results of the regular program tests are shown in Tables I through IV. The medians of the combined distributions of scores from the first three midyear programs are shown in the tables for purposes of comparison.

The medians made on the Orientation Test by the first-year group in the 1954 program are, as shown in Table I, slightly above the earlier medians. For the small group of seniors taking the Orientation Test, this year's medians are a few points low as compared with those for the three preceding years.

The median of the scores of the first-year students on Achievement Test, Level I, is several points below the median resulting from the three earlier programs. The median for the seniors on the Level II Achievement Test is very close to the earlier one.

Second- and third-year students in five participating colleges took the Level II test even though it is not designed for use below the senior year. The results are, on the average, considerably lower than those for the seniors, although there is much overlapping in the distributions of scores.

Any participating college may, on request, obtain a confidential copy of this bulletin marked to show the placement of the median scores of its classes among the class medians given in the distribution tables.

TABLE I

DISTRIBUTIONS OF SCORES OF INDIVIDUAL STUDENTS AND MEDIAN SCORES OF INDIVIDUAL COLLEGES MADE ON ORIENTATION TEST, FORM C, BY FIRST-YEAR STUDENTS IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1954

VERBAL			QUANTITATIVE			TOTAL		
Score	Scores of Individual Students	Medians of Individual Colleges	Score	Scores of Individual Students	Medians of Individual Colleges	Score	Scores of Individual Students	Medians of Individual Colleges
99-100								
96						160		
93						155		
90			60			150		
87			58			145		
84			56			140		
81			54	1		135		
78			52	4		130		
75			50	4		125		
72	1		48	5		120		
69			46	5		115		
66	1		44	16		110	1	
63			42	15		105	1	
60	1		40	15		100	1	
57	1		38	18		95	1	
54	4		36	23		90	16	
51	5		34	38		85	16	
48	16		32	40		80	36	
45	20		30	60	1	75	27	
42	31		28	50		70	44	
39	51		26	55	3	65	55	1
36	73		24	63	3	60	70	2
33	63	2	22	64	3	55	77	3
30	99	4	20	50	2	50	100	4
27	89	3	18	51		45	93	1
24	107	2	16	50		40	93	1
21	89	2	14	38	1	35	59	1
18	58		12	38		30	47	
15	45		10	30		25	30	
12	30		8	33		20	20	
9	10		6	11		15	11	
6	7		4	8		10	4	
3	3		2	7		5	2	
0-2			0-1	12		0-4		
Total	804	13	Total	804	13	Total	804	13
Q3	36.1		Q3	31.4		Q3	64.8	
Md	28.8	29.5	Md	24.3	24.3	Md	52.2	54.4
Q1	22.6		Q1	17.0		Q1	41.5	
Range	4-73	21.6-34.5	Range	0-54	15.0-31.0	Range	8-113	35.0-65.8
10%ile	17.0		10%ile	10.6		10%ile	31.4	
90%ile	42.0		90%ile	38.3		90%ile	78.4	

-----Medians, combined midyears 1951, 1952, 1953

TABLE II

DISTRIBUTION OF SCORES OF INDIVIDUAL STUDENTS MADE ON  
ORIENTATION TEST, FORM C, BY SENIORS IN ACCOUNTING IN  
MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1954

VERBAL		QUANTITATIVE		TOTAL	
Score	Scores of Individual Students	Score	Scores of Individual Students	Score	Scores of Individual Students
99-100					
96				160	
93				155	
90		60		150	
87		58		145	
84		56		140	
81		54		135	
78		52		130	
75		50	1	125	
72		48		120	
69		46		115	
66		44	2	110	
63		42	1	105	1
60		40	3	100	
57		38	1	95	
54	1	36	1	90	2
51	1	34	1	85	2
48	3	32	1	80	3
45		30	4	75	
42	3	28	2	70	3
39	3	26	2	65	4
36	5	24	1	60	4
33	2	22	1	55	3
30	4	20	4	50	1
27	1	18		45	1
24	1	16		40	1
21	1	14		35	
18		12		30	
15		10		25	
12		8		20	
9		6		15	
6		4		10	
3		2		5	
0-2		0-1		0-4	
Total	25	Total	25	Total	25
Q3	43.8	Q3	40.5	Q3	82.9
Md	38.1	Md	31.3	Md	68.1
Q1	32.4	Q1	26.3	Q1	60.3
Range	21-56	Range	20-50	Range	42-106
10%ile	28.5	10%ile	21.3	10%ile	52.5
90%ile	50.5	90%ile	44.5	90%ile	91.3

-----Medians, combined midyears 1951, 1952, 1953

TABLE III

DISTRIBUTIONS OF SCORES OF INDIVIDUAL STUDENTS AND MEDIAN SCORES OF INDIVIDUAL COLLEGES MADE ON ACHIEVEMENT TEST, LEVEL I, FORM C, BY FIRST-YEAR STUDENTS IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1954

Score	Scores of Individual Students	Medians of Individual Colleges
102	2	
99	1	
96	2	
93	2	
90	5	
87	3	
84	3	
81	6	
78	9	
75	8	
72	9	
69	8	1
66	9	
63	17	
60	12	
57	15	1
54	19	1
51	18	1
48	22	2
45	12	2
42	18	1
39	19	1
36	20	1
33	18	1
30	24	1
27	16	
24	23	
21	16	2
18	15	
15	7	
12	11	
9	3	
6	6	
3	1	
0-2	3	
Total	382	15
Q3	60.1	51.8
Md	43.5	45.8
Q1	29.0	35.3
Range	0-104	21.0-70.5
10%ile	19.4	23.3
90%ile	76.1	58.5

-----Median, combined midyears 1952, 1953



TABLE IV

DISTRIBUTIONS OF SCORES OF INDIVIDUAL STUDENTS AND MEDIAN SCORES OF INDIVIDUAL COLLEGES MADE ON ACHIEVEMENT TEST, LEVEL II, FORM C, IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1954

Score	SENIORS		COMBINED SECOND AND THIRD YEARS	
	Scores of Individual Students	Medians of Individual Colleges	Scores of Individual Students	Medians of Individual Colleges
56				
54	1			
52				
50			1	
48				
46	1			
44	1		1	
42	2			
40	4	1		
38	1			
36	7		1	
34	5		3	
32	10		3	
30	18	1	5	
28	9		3	
26	8	2	4	1
24	11	3	5	
22	11	2	6	
20	15		2	2
18	13	3	4	
16	11		9	
14	13	2	6	1
12	11	1	4	
10	20		5	
8	6	1	6	1
6	5		5	
4	5		4	
2	1		2	
0-1	3		1	
Total	192	16	80	5
Q3	30.2	26.0	26.5	
Md	21.1	23.0	17.6	20.5
Q1	13.5	17.0	10.8	
Range	0-54	9.0-41.0	0-51	9.5-26.0
10%ile	9.7	13.2	6.4	
90%ile	35.1	30.8	32.7	

-----Median, February and June graduates, combined midyears 1952, 1953