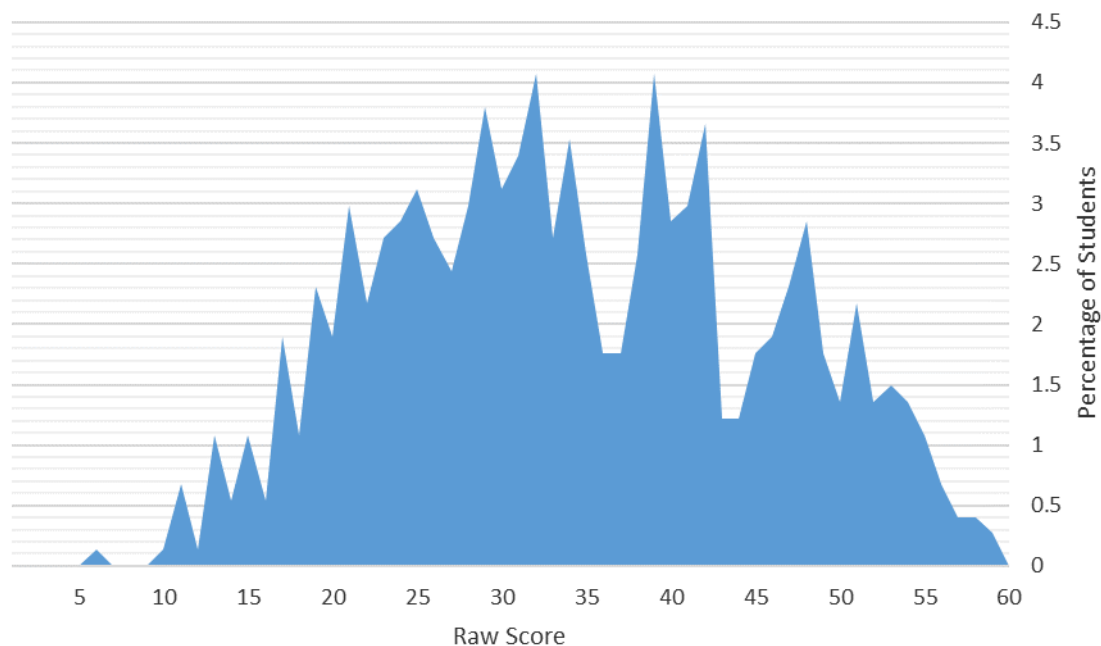


American Chemical Society Division of Chemical Education
Composite Norms – 2014 General-Organic-Biochemistry Exam (GB14): Organic
Chemistry Subtest

Score	Percentile	Score	Percentile	Score	Percentile
60	100	34	54	8	0
59	100	33	51	7	0
58	100	32	48	6	0
57	99	31	44	5	0
56	99	30	40	4	0
55	98	29	37	3	0
54	97	28	34	2	0
53	96	27	31	1	0
52	94	26	28	0	0
51	93	25	25		
50	91	24	22		
49	89	23	19		
48	88	22	17		
47	85	21	15		
46	82	20	12		
45	81	19	10		
44	79	18	7		
43	78	17	6		
42	76	16	4		
41	73	15	4		
40	70	14	3		
39	67	13	2		
38	63	12	1		
37	60	11	1		
36	58	10	0		
35	57	9	0		

Mean	40.6
Std. deviation	12.1
Median	43
KR-21 reliability	0.90
Std error/meas	3.90

GB14: Organic Chemistry Subtest
based on the scores of 737 students from 14 different institutions



**American Chemical Society Division of Chemical Education
Composite Norms – 2014 General-Organic-Biochemistry Exam (GB14): Organic
Chemistry Subtest – Part A**

Score	Percentile	Score	Percentile
40	100	14	9
39	100	13	6
38	100	12	4
37	98	11	4
36	96	10	3
35	94	9	1
34	91	8	1
33	90	7	0
32	88	6	0
31	85	5	0
30	82	4	0
29	80	3	0
28	78	2	0
27	74	1	0
26	70	0	0
25	64		
24	59		
23	52		
22	46		
21	40		
20	34		
19	28		
18	23		
17	19		
16	15		
15	12		

Mean	28.7
Std. deviation	7.8
Median	30
KR-21 reliability	0.74
Std error/meas	4.04

GB14: Organic Chemistry Subtest - Part A
based on the scores of 583 students from 8 different institutions

