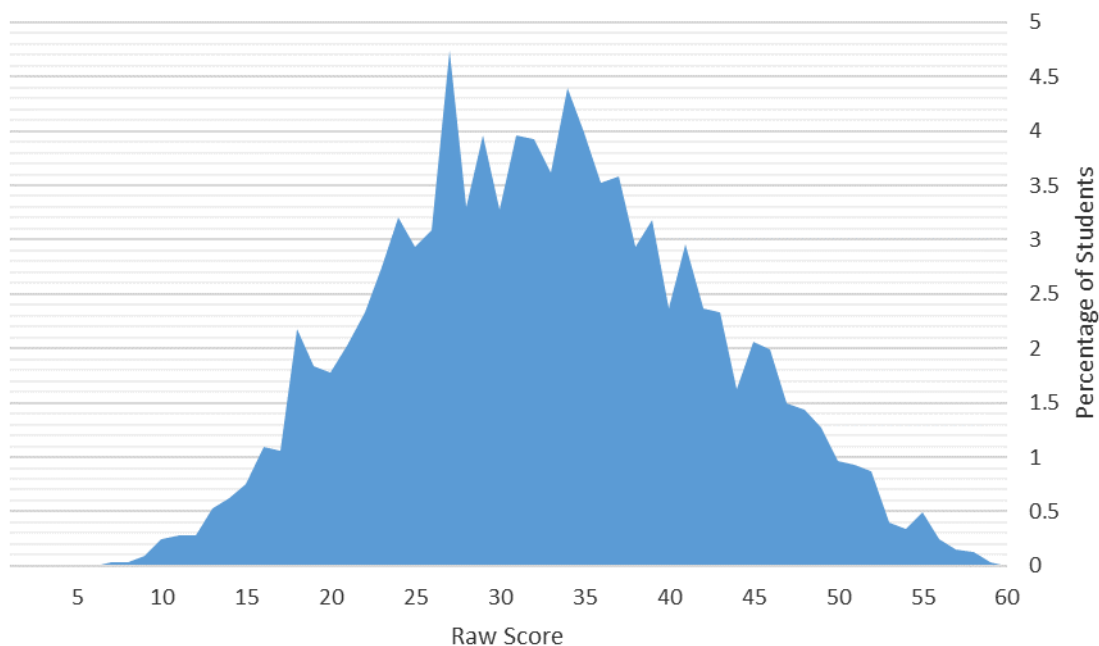


American Chemical Society Division of Chemical Education
Composite Norms – 2014 General-Organic-Biochemistry Exam (GB14): General
Chemistry Subtest

Score	Percentile	Score	Percentile	Score	Percentile
60	100	34	58	8	0
59	100	33	54	7	0
58	100	32	50	6	0
57	100	31	46	5	0
56	100	30	42	4	0
55	99	29	39	3	0
54	99	28	35	2	0
53	99	27	32	1	0
52	98	26	27	0	0
51	97	25	24		
50	96	24	21		
49	95	23	18		
48	94	22	15		
47	93	21	13		
46	91	20	11		
45	89	19	9		
44	87	18	7		
43	86	17	5		
42	83	16	4		
41	81	15	3		
40	78	14	2		
39	76	13	1		
38	72	12	1		
37	69	11	1		
36	66	10	0		
35	62	9	0		

Mean	32.7
Std. deviation	9.6
Median	32
KR-21 reliability	0.82
Std error/meas	4.04

GB14: General Chemistry Subtest
 based on the scores of 3210 students from 26 different institutions



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

Score	Percentile	Score	Percentile
40	100	14	11
39	100	13	8
38	100	12	6
37	99	11	5
36	98	10	3
35	97	9	2
34	95	8	1
33	93	7	1
32	90	6	1
31	87	5	0
30	83	4	0
29	79	3	0
28	75	2	0
27	70	1	0
26	65	0	0
25	61		
24	55		
23	49		
22	44		
21	39		
20	34		
19	29		
18	24		
17	20		
16	17		
15	14		

Mean	23.4
Std. deviation	6.8
Median	24
KR-21 reliability	0.68
Std error/meas	3.89

GB14: General Chemistry Subtest - Part A
 based on the scores of 2483 students from 18 different institutions

