

**American Chemical Society Division of Chemical Education
Composite Norms – General Chemistry 2019 (GC19)**

Score	Percentile	Score	Percentile	Score	Percentile
70	100	44	63	18	2
69	100	43	60	17	1
68	100	42	56	16	1
67	100	41	52	15	1
66	100	40	50	14	1
65	100	39	47	13	0
64	100	38	44	12	0
63	100	37	42	11	0
62	99	36	38	10	0
61	98	35	36	9	0
60	97	34	33	8	0
59	96	33	31	7	0
58	95	32	28	6	0
57	94	31	24	5	0
56	92	30	22	4	0
55	90	29	18	3	0
54	88	28	16	2	0
53	87	27	14	1	0
52	85	26	12	0	0
51	82	25	10		
50	80	24	8		
49	77	23	7		
48	74	22	6		
47	72	21	5		
46	69	20	4		
45	66	19	3		

Mean	39.2
Std. deviation	11.3
Median	39
KR-21 reliability	0.88
Std error/meas	3.96

GC19 Norm

based on the scores of 1347 students from 18 different institutions

