

American Chemical Society Division of Chemical Education
Composite Norms – General Chemistry 2021 (GC21)

Score	Percentile	Score	Percentile	Score	Percentile
70	100	44	67	18	4
69	100	43	65	17	3
68	100	42	63	16	2
67	100	41	60	15	2
66	100	40	58	14	1
65	99	39	55	13	1
64	99	38	52	12	0
63	98	37	50	11	0
62	97	36	48	10	0
61	97	35	45	9	0
60	95	34	42	8	0
59	94	33	39	7	0
58	93	32	37	6	0
57	92	31	34	5	0
56	90	30	31	4	0
55	89	29	29	3	0
54	87	28	26	2	0
53	86	27	24	1	0
52	84	26	21	0	0
51	82	25	19		
50	80	24	16	Mean	37.8
49	78	23	14	Std. deviation	12.7
48	76	22	11	Median	37
47	74	21	9	KR-21 reliability	0.91
46	71	20	7	Std error/meas	3.91
45	69	19	6		

GC21 Norms
 based on the scores of 2060 students from 17 institutions

