

**American Chemical Society Division of Chemical Education  
Composite Norms – General Chemistry First Term 2015 (GC15F)**

Score	Percentile	Score	Percentile	Score	Percentile
70	100	44	62	18	3
69	100	43	59	17	2
68	100	42	56	16	1
67	100	41	53	15	1
66	99	40	50	14	1
65	99	39	48	13	0
64	99	38	45	12	0
63	98	37	43	11	0
62	97	36	40	10	0
61	96	35	38	9	0
60	95	34	35	8	0
59	93	33	32	7	0
58	92	32	29	6	0
57	91	31	27	5	0
56	89	30	24	4	0
55	87	29	22	3	0
54	86	28	20	2	0
53	84	27	18	1	0
52	82	26	16	0	0
51	79	25	14		
50	77	24	12		
49	74	23	10		
48	72	22	8		
47	69	21	6		
46	67	20	5		
45	64	19	4		

  

Mean	39.7
Std. deviation	12.4
Median	40
KR-21 reliability	0.90
Std error/meas	3.90

**GC15F Norms**  
based on the scores of 7347 students from 47 institutions

