

American Chemical Society
Division of Chemical Education
Composite Norms
First Term General Chemistry Exam 2005

Score	Percentile	Score	Percentile	Score	Percentile
70	100	46	66	22	6
69	100	45	63	21	5
68	100	44	61	20	4
67	100	43	58	19	3
66	99	42	55	18	2
65	99	41	52	17	2
64	98	40	50	16	1
63	97	39	48	15	1
62	96	38	45	14	0
61	95	37	42	13	0
60	94	36	39	12	0
59	92	35	36	11	0
58	91	34	33	10	0
57	90	33	31	9	0
56	88	32	28	8	0
55	87	31	25	7	0
54	85	30	23	6	0
53	83	29	21	5	0
52	80	28	18	4	0
51	78	27	16	3	0
50	76	26	14	2	0
49	73	25	12	1	0
48	71	24	10		
47	69	23	8		

Mean	40.35
Std deviation	12.26
Median	39.5
KR-21 rel	0.90
Std error/meas	3.89