

**American Chemical Society**  
**Division of Chemical Education**  
**Composite Norms**  
**General Chemistry (Full Year) Exam 2013**

<b>Score</b>	<b>Percentile</b>	<b>Score</b>	<b>Percentile</b>	<b>Score</b>	<b>Percentile</b>
70	100	46	69	22	10
69	100	45	67	21	8
68	100	44	65	20	6
67	99	43	62	19	5
66	99	42	60	18	3
65	98	41	58	17	2
64	97	40	55	16	2
63	97	39	53	15	1
62	96	38	49	14	1
61	95	37	46	13	0
60	94	36	44	12	0
59	93	35	41	11	0
58	92	34	38	10	0
57	90	33	36	9	0
56	89	32	33	8	0
55	87	31	31	7	0
54	86	30	28	6	0
53	84	29	26	5	0
52	82	28	23	4	0
51	80	27	20	3	0
50	78	26	18	2	0
49	76	25	16	1	0
48	74	24	13		
47	72	23	12		

Mean	38.90
Std deviation	12.78
Median	37.7
KR-21 rel	0.91
Std error/meas	3.89