

**American Chemical Society**  
**Division of Chemical Education**  
**Composite Norms**  
**Diagnostic of Undergraduate Chemistry Knowledge**  
**2008**

<u>Score</u>	<u>Percentile</u>	<u>Score</u>	<u>Percentile</u>	<u>Score</u>	<u>Percentile</u>
60	100	40	84	20	10
59	100	39	81	19	9
58	100	38	77	18	7
57	100	37	74	17	5
56	100	36	70	16	3
55	100	35	66	15	2
54	100	34	61	14	1
53	100	33	57	13	1
52	99	32	52	12	1
51	99	31	47	11	0
50	99	30	42	10	0
49	98	29	38	9	0
48	98	28	34	8	0
47	97	27	30	7	0
46	96	26	26	6	0
45	95	25	23	5	0
44	94	24	19	4	0
43	92	23	16	3	0
42	89	22	14	2	0
41	87	21	12	1	0

Mean	31.49
Std deviation	8.37
Median	31.2
KR-21 rel	0.80
Std error/meas	3.75