

**American Chemical Society**  
**Division of Chemical Education**

**Composite Norms**

**Advanced High School Chemistry Exam 1998**

<u>Score</u>	<u>Percentile</u>	<u>Score</u>	<u>Percentile</u>	<u>Score</u>	<u>Percentile</u>
60	100	40	53	20	2
59	100	39	51	19	1
58	99	38	48	18	1
57	98	37	44	17	0
56	97	36	40	16	0
55	96	35	37	15	0
54	95	34	33	14	0
53	93	33	30	13	0
52	91	32	27	12	0
51	89	31	23	11	0
50	86	30	20	10	0
49	84	29	18	9	0
48	81	28	16	8	0
47	77	27	13	7	0
46	74	26	11	6	0
45	71	25	9	5	0
44	68	24	7	4	0
43	65	23	6	3	0
42	61	22	5	2	0
41	57	21	3	1	0

Mean	38.68
Std deviation	9.67
Median	38.7
KR-21 rel	0.87
Std error/meas	3.52