

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

**Composite Norms**

**First Term General Chemistry Paired-Questions Exam 2005**

**Updated - August 2009**

<b><u>Score</u></b>	<b><u>Percentile</u></b>	<b><u>Score</u></b>	<b><u>Percentile</u></b>	<b><u>Score</u></b>	<b><u>Percentile</u></b>
40	100	26	62	12	5
39	100	25	57	11	3
38	99	24	52	10	2
37	98	23	47	9	1
36	97	22	42	8	0
35	95	21	37	7	0
34	93	20	32	6	0
33	90	19	27	5	0
32	87	18	23	4	0
31	84	17	18	3	0
30	80	16	15	2	0
29	76	15	12	1	0
28	71	14	9		
27	67	13	7		

Mean	23.59
Std deviation	6.93
Median	23.1
KR-21 rel	0.82
Std error/meas	2.95