

American Chemical Society
Division of Chemical Education
Composite Norms
General-Organic-Biochemistry Exam 1991
General Chemistry Sub-Test

Scroll down to view the Organic and the Biochemistry Sub-Test.

Score	Percentile	Score	Percentile	Score	Percentile		
60	100	40	85	20	15		
59	100	39	82	19	11		
58	100	38	80	18	8		
57	100	37	78	17	6		
56	100	36	76	16	4		
55	100	35	73	15	3		
54	100	34	70	14	2		
53	100	33	68	13	1		
52	100	32	65	12	0		
51	99	31	63	11	0		
50	98	30	59	10	0		
49	98	29	54	9	0		
48	97	28	48	8	0		
47	95	27	43	7	0		
46	95	26	40	6	0		
45	94	25	36	5	0	Mean	29.4
44	92	24	31	4	0	Std deviation	9
43	91	23	26	3	0	Median	28.3
42	89	22	23	2	0	KR21 rel	0.83
41	87	21	20	1	0	Std error/meas	3.73

Organic Chemistry Sub-Test

Score	Percentile	Score	Percentile	Score	Percentile		
60	100	40	92	20	16		
59	100	39	91	19	12		
58	100	38	89	18	10		
57	100	37	87	17	6		
56	99	36	85	16	3		
55	98	35	83	15	2		
54	98	34	82	14	1		
53	98	33	79	13	0		
52	98	32	75	12	0		
51	98	31	71	11	0		
50	98	30	67	10	0		
49	97	29	63	9	0		
48	97	28	58	8	0		
47	97	27	53	7	0		
46	97	26	49	6	0		
45	96	25	44	5	0	Mean	27.6
44	96	24	38	4	0	Std deviation	8.1
43	94	23	32	3	0	Median	26.2
42	93	22	26	2	0	KR21-rel	0.79
41	92	21	22	1	0	Std error/meas	3.75

Biochemsitry Sub-Test

Score	Percentile	Score	Percentile	Score	Percentile		
60	100	40	66	18	0		
59	100	39	62	17	0		
58	100	36	48	16	0		
57	99	35	43	15	0		
56	98	34	39	14	0		
55	98	33	35	13	0		
54	97	32	31	12	0		
53	96	31	27	11	0		
52	96	30	23	10	0		
51	95	29	19	9	0		
50	93	28	17	8	0		
49	92	27	14	7	0		
48	90	26	11	6	0		
47	88	25	8	5	0		
46	85	24	5	4	0		
45	83	23	4	3	0	Mean	36.6
44	81	22	3	2	0	Std deviation	8.4
43	78	21	2	1	0	Median	36.2
42	75	20	2			KR-21 rel	0.81
41	71	19	1			Std error/meas	3.65