

## Estimated 68% Confidence Intervals

SS	Est. 68% CI*	SS	Est. 68% CI*	SS	Est. 68% CI*
150	143 to 157	105	98 to 112	60	53 to 67
149	142 to 156	104	97 to 111	59	52 to 66
148	141 to 155	103	96 to 110	58	51 to 65
147	140 to 154	102	95 to 109	57	50 to 64
146	139 to 153	101	94 to 108	56	49 to 63
145	138 to 152	100	93 to 107	55	48 to 62
144	137 to 151	99	92 to 106	54	47 to 61
143	136 to 150	98	91 to 105	53	46 to 60
142	135 to 149	97	90 to 104	52	45 to 59
141	134 to 148	96	89 to 103	51	44 to 58
140	133 to 147	95	88 to 102	50	43 to 57
139	132 to 146	94	87 to 101	49	42 to 56
138	131 to 145	93	86 to 100	48	41 to 55
137	130 to 144	92	85 to 99	47	40 to 54
136	129 to 143	91	84 to 98	46	39 to 53
135	128 to 142	90	83 to 97	45	38 to 52
134	127 to 141	89	82 to 96	44	37 to 51
133	126 to 140	88	81 to 95	43	36 to 50
132	125 to 139	87	80 to 94	42	35 to 49
131	124 to 138	86	79 to 93	41	34 to 48
130	123 to 137	85	78 to 92	40	33 to 47
129	122 to 136	84	77 to 91	39	32 to 46
128	121 to 135	83	76 to 90	38	31 to 45
127	120 to 134	82	75 to 89	37	30 to 44
126	119 to 133	81	74 to 88	36	29 to 43
125	118 to 132	80	73 to 87	35	28 to 42
124	117 to 131	79	72 to 86	34	27 to 41
123	116 to 130	78	71 to 85	33	26 to 40
122	115 to 129	77	70 to 84	32	25 to 39
121	114 to 128	76	69 to 83	31	24 to 38
120	113 to 127	75	68 to 82	30	23 to 37
119	112 to 126	74	67 to 81	29	22 to 36
118	111 to 125	73	66 to 80	28	21 to 35
117	110 to 124	72	65 to 79	27	20 to 34
116	109 to 123	71	64 to 78	26	19 to 33
115	108 to 122	70	63 to 77	25	18 to 32
114	107 to 121	69	62 to 76	24	17 to 31
113	106 to 120	68	61 to 75	23	16 to 30
112	105 to 119	67	60 to 74	22	15 to 29
111	104 to 118	66	59 to 73	21	14 to 28
110	103 to 117	65	58 to 72	20	13 to 27
109	102 to 116	64	57 to 71	19	12 to 26
108	101 to 115	63	56 to 70	18	11 to 25
107	100 to 114	62	55 to 69	17	10 to 24
106	99 to 113	61	54 to 68	16	9 to 23
105	98 to 112	60	53 to 67	15	8 to 22

\*Use estimated 68% confidence intervals (SS±7) only when actual 68% confidence intervals are unavailable

## T-Scores to Standard Scores

T	SS	Est. 68% CI (SS±7)*	T	SS	Est. 68% CI (SS±7)*
90	160	153 to 167	45	93	86 to 100
89	159	152 to 166	44	91	84 to 98
88	157	150 to 164	43	90	83 to 97
87	156	149 to 163	42	88	81 to 95
86	154	147 to 161	41	87	80 to 94
85	153	146 to 160	40	85	78 to 92
84	151	144 to 158	39	84	77 to 91
83	150	143 to 157	38	82	75 to 89
82	148	141 to 155	37	81	74 to 88
81	147	140 to 154	36	79	72 to 86
80	145	138 to 152	35	78	71 to 85
79	144	137 to 151	34	76	69 to 83
78	142	135 to 149	33	75	68 to 82
77	141	134 to 148	32	73	66 to 80
76	139	132 to 146	31	72	65 to 79
75	138	131 to 145	30	70	63 to 77
74	136	129 to 143	29	69	62 to 76
73	135	128 to 142	28	67	60 to 74
72	133	126 to 140	27	66	59 to 73
71	132	125 to 139	26	64	57 to 71
70	130	123 to 137	25	63	56 to 70
69	129	122 to 136	24	61	54 to 68
68	127	120 to 134	23	60	53 to 67
67	126	119 to 133	22	58	51 to 65
66	124	117 to 131	21	57	50 to 64
65	123	116 to 130	20	55	48 to 62
64	121	114 to 128	19	54	47 to 61
63	120	113 to 127	18	52	45 to 59
62	118	111 to 125	17	51	44 to 58
61	117	110 to 124	16	49	42 to 56
60	115	108 to 122	15	48	41 to 55
59	114	107 to 121	14	46	39 to 53
58	112	105 to 119	13	45	38 to 52
57	111	104 to 118	12	43	36 to 50
56	109	102 to 116	11	42	35 to 49
55	108	101 to 115	10	40	33 to 47
54	106	99 to 113	9	39	32 to 46
53	105	98 to 112	8	37	30 to 44
52	103	96 to 110	7	36	29 to 43
51	102	95 to 109	6	34	27 to 41
50	100	93 to 107	5	33	26 to 40
49	99	92 to 106	4	31	24 to 38
48	97	90 to 104	3	30	23 to 37
47	96	89 to 103	2	28	21 to 35
46	94	87 to 101	1	27	20 to 34
45	93	86 to 100	0	25	18 to 32

\*Use estimated 68% confidence intervals (SS±7) only when actual 68% confidence intervals are unavailable

## Scaled Scores to Standard Scores

Scale Score	Standard Score	Estimated 68% CI (SS±7)*
20	150	143 to 157
19	145	138 to 152
18	140	133 to 147
17	135	128 to 142
16	130	123 to 137
15	125	118 to 132
14	120	113 to 127
13	115	108 to 122
12	110	103 to 117
11	105	98 to 112
10	100	93 to 107
9	95	88 to 102
8	90	83 to 97
7	85	78 to 92
6	80	73 to 87
5	75	68 to 82
4	70	63 to 77
3	65	58 to 72
2	60	53 to 67
1	55	48 to 62
0	50	43 to 57

\*Use estimated confidence intervals (CI) only when actual 68% confidence intervals are unavailable