

**Table B19**  
**Age: 60 Years 0 Months 0 Days Through 74 Years 11 Months 31 Days**  
**Education: Less Than or Equal to 8 Years**

% ile	Standard score	T score	Color Trails 1	Color Trails 2	% ile	Standard score	T score	Color Trails 1	Color Trails 2
			(time in seconds)	(time in seconds)				(time in seconds)	(time in seconds)
>99	>145	>80			46	98	49	65-66	140-143
>99	145	80		10-11	42	97	48	67-69	144-148
>99	143	79		12-15	38	96	47	70-71	149-152
>99	142	78		16-20	34	94	46	72-73	153-156
>99	141	77		21-24	31	93	45	74-75	157-160
>99	139	76		25-28	27	91	44	76-77	161-165
99	138	75		29-32	24	90	43	78-80	166-169
99	136	74	10-12	33-37	21	88	42	81-82	170-173
99	134	73	13-14	38-41	18	86	41	83-84	174-177
99	133	72	15-16	42-45	16	85	40	85-86	178-182
98	132	71	17-18	46-50	14	83	39	87-88	183-186
98	130	70	19-20	51-54	12	82	38	89-90	187-190
97	128	69	21-23	55-58	10	80	37	91-93	191-194
96	127	68	24-25	59-62	8	79	36	94-95	195-199
96	125	67	26-27	63-67	7	78	35	96-97	200-203
95	124	66	28-29	68-71	5	76	34	98-99	204-207
93	123	65	30-31	72-75	4	75	33	100-101	208-211
92	121	64	32-34	76-79	4	73	32	102-104	212-216
90	120	63	35-36	80-84	3	72	31	105-106	217-220
88	118	62	37-38	85-88	2	70	30	107-108	221-224
86	117	61	39-40	89-92	2	68	29	109-110	225-228
84	115	60	41-42	93-96	1	67	28	111-112	229-233
82	114	59	43-44	97-101	1	66	27	113-115	234-237
79	112	58	45-47	102-105	1	64	26	116-117	238-240
76	110	57	48-49	106-109	1	63	25	118-119	
73	109	56	50-51	110-113	<1	61	24	120-121	
69	108	55	52-53	114-118	<1	59	23	122-123	
66	106	54	54-55	119-122	<1	58	22	124-125	
62	104	53	56-58	123-126	<1	57	21	126-128	
58	103	52	59-60	127-130	<1	55	20	129-130	
54	102	51	61-62	131-135	<1	<55	<20	131-140	
50	100	50	63-64	136-139					

Raw scores									
% ile range	Color Trails 1			Color Trails 2				Interference Index	% ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0-1	0-1	0-1	0-1	0	0-1	0-3	0.0-1.7	>16
11-16			2		1			1.8-1.9	11-16
6-10				2			4	2.0	6-10
2-5							5	2.1-2.3	2-5
≤1	≥2	≥2	≥3	≥3	≥2	≥2	≥6	≥2.4	≤1

**Table B20**  
**Age: 60 Years 0 Months 0 Days Through 74 Years 11 Months 31 Days**  
**Education: 9 Through 11 Years**

%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)
>99	>145	>80			46	98	49	58-59	123-125
>99	145	80		10-11	42	97	48	60-61	126-129
>99	143	79		12-14	38	96	47	62-63	130-133
>99	142	78		15-18	34	94	46	64-65	134-137
>99	141	77		19-22	31	93	45	66-67	138-140
>99	139	76		23-25	27	91	44	68-69	141-144
99	138	75		26-29	24	90	43	70-71	145-148
99	136	74		30-33	21	88	42	72-74	149-151
99	134	73	10	34-37	18	86	41	75-76	152-155
99	133	72	11-12	38-40	16	85	40	77-78	156-159
98	132	71	13-14	41-44	14	83	39	79-80	160-162
98	130	70	15-16	45-48	12	82	38	81-82	163-166
97	128	69	17-18	49-51	10	80	37	83-84	167-170
96	127	68	19-20	52-55	8	79	36	85-86	171-174
96	125	67	21-22	56-59	7	78	35	87-88	175-177
95	124	66	23-24	60-62	5	76	34	89-90	178-181
93	123	65	25-26	63-66	4	75	33	91-92	182-185
92	121	64	27-28	67-70	4	73	32	93-94	186-188
90	120	63	29-30	71-74	3	72	31	95-96	189-192
88	118	62	31-32	75-77	2	70	30	97-98	193-196
86	117	61	33-34	78-81	2	68	29	99-100	197-200
84	115	60	35-36	82-85	1	67	28	101-102	201-203
82	114	59	37-39	86-88	1	66	27	103-104	204-207
79	112	58	40-41	89-92	1	64	26	105-107	208-211
76	110	57	42-43	93-96	1	63	25	108-109	212-214
73	109	56	44-45	97-100	<1	61	24	110-111	215-218
69	108	55	46-47	101-103	<1	59	23	112-113	219-222
66	106	54	48-49	104-107	<1	58	22	114-115	223-225
62	104	53	50-51	108-111	<1	57	21	116-117	226-229
58	103	52	52-53	112-114	<1	55	20	118-119	230-233
54	102	51	54-55	115-118	<1	<55	<20	120-240	234-240
50	100	50	56-57	119-122					

#### Raw scores

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16	1					3		1.8-1.9	11-16
6-10			2		1			2.0	6-10
2-5				2			4	2.1-2.4	2-5
≤1	≥2	≥2	≥3	≥3	≥2	≥2	≥5	≥2.5	≤1

**Table B21**  
**Age: 60 Years 0 Months 0 Days Through 74 Years 11 Months 31 Days**  
**Education: 12 Years**

%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)
>99	>145	>80			46	98	49	55-56	115-118
>99	145	80		10	42	97	48	57-58	119-121
>99	143	79		11-14	38	96	47	59-60	122-124
>99	142	78		15-17	34	94	46	61-62	125-128
>99	141	77		18-21	31	93	45	63-64	129-131
>99	139	76		22-24	27	91	44	65-66	132-135
99	138	75		25-28	24	90	43	67-68	136-138
99	136	74		29-31	21	88	42	69-70	139-142
99	134	73		32-35	18	86	41	71-72	143-145
99	133	72	10	36-38	16	85	40	73-74	146-149
98	132	71	11-12	39-41	14	83	39	75-76	150-152
98	130	70	13-14	42-45	12	82	38	77-78	153-156
97	128	69	15-16	46-48	10	80	37	79-80	157-159
96	127	68	17-18	49-52	8	79	36	81-82	160-162
96	125	67	19-20	53-55	7	78	35	83-84	163-166
95	124	66	21-22	56-59	5	76	34	85-86	167-169
93	123	65	23-24	60-62	4	75	33	87-88	170-173
92	121	64	25-26	63-66	4	73	32	89-90	174-176
90	120	63	27-28	67-69	3	72	31	91-92	177-180
88	118	62	29-30	70-73	2	70	30	93-94	181-183
86	117	61	31-32	74-76	2	68	29	95-96	184-187
84	115	60	33-34	77-79	1	67	28	97-98	188-190
82	114	59	35-36	80-83	1	66	27	99-100	191-194
79	112	58	37-38	84-86	1	64	26	101-102	195-197
76	110	57	39-40	87-90	1	63	25	103-104	198-200
73	109	56	41-42	91-93	<1	61	24	105-106	201-204
69	108	55	43-44	94-97	<1	59	23	107-108	205-207
66	106	54	45-46	98-100	<1	58	22	109-110	208-211
62	104	53	47-48	101-104	<1	57	21	111-112	212-214
58	103	52	49-50	105-107	<1	55	20	113-114	215-218
54	102	51	51-52	108-111	<1	<55	<20	115-240	219-240
50	100	50	53-54	112-114					

#### Raw scores

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16	1							1.8-1.9	11-16
6-10			2				3	2.0	6-10
2-5				2	1			2.1-2.4	2-5
≤1	≥2	≥2	≥3	≥3	≥2	≥2	≥4	≥2.5	≤1

**Table B22**  
**Age: 60 Years 0 Months 0 Days Through 74 Years 11 Months 31 Days**  
**Education: 13 Through 15 Years**

%ile	Standard score	T score	Color Trails 1	Color Trails 2	%ile	Standard score	T score	Color Trails 1	Color Trails 2
			(time in seconds)	(time in seconds)				(time in seconds)	(time in seconds)
>99	>145	>80			46	98	49	52-53	107-110
>99	145	80	10		42	97	48	54-55	111-113
>99	143	79	11-13		38	96	47	56-57	114-116
>99	142	78	14-16		34	94	46	58-59	117-119
>99	141	77	17-20		31	93	45	60	120-122
>99	139	76	21-23		27	91	44	61-62	123-126
99	138	75	24-26		24	90	43	63-64	127-129
99	136	74	27-29		21	88	42	65-66	130-132
99	134	73	30-33		18	86	41	67-68	133-135
99	133	72	34-36		16	85	40	69-70	136-138
98	132	71	10	37-39	14	83	39	71-72	139-142
98	130	70	11-12	40-42	12	82	38	73-74	143-145
97	128	69	13-14	43-45	10	80	37	75-76	146-148
96	127	68	15-16	46-49	8	79	36	77-78	149-151
96	125	67	17-18	50-52	7	78	35	79-80	152-155
95	124	66	19-20	53-55	5	76	34	81-82	156-158
93	123	65	21-22	56-58	4	75	33	83-84	159-161
92	121	64	23	59-61	4	73	32	85-86	162-164
90	120	63	24-25	62-65	3	72	31	87-88	165-167
88	118	62	26-27	66-68	2	70	30	89-90	168-171
86	117	61	28-29	69-71	2	68	29	91-92	172-174
84	115	60	30-31	72-74	1	67	28	93-94	175-177
82	114	59	32-33	75-77	1	66	27	95	178-180
79	112	58	34-35	78-81	1	64	26	96-97	181-183
76	110	57	36-37	82-84	1	63	25	98-99	184-187
73	109	56	38-39	85-87	<1	61	24	100-101	188-190
69	108	55	40-41	88-90	<1	59	23	102-103	191-193
66	106	54	42-43	91-94	<1	58	22	104-105	194-196
62	104	53	44-45	95-97	<1	57	21	106-107	197-199
58	103	52	46-47	98-100	<1	55	20	108-109	200-203
54	102	51	48-49	101-103	<1	<55	<20	110-240	204-240
50	100	50	50-51	104-106					

#### Raw scores

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16								1.8-1.9	11-16
6-10	1							2.0	6-10
2-5			2		1		3	2.1-2.4	2-5
≤1	≥2	≥2	≥3	≥2	≥2	≥2	≥4	≥2.5	≤1

**Table B23**  
**Age: 60 Years 0 Months 0 Days Through 74 Years 11 Months 31 Days**  
**Education: 16 Years**

%ile	Color Trails 1 (time in seconds)			Color Trails 2 (time in seconds)			%ile	Color Trails 1 (time in seconds)			Color Trails 2 (time in seconds)		
	Standard score	T score		Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)			Standard score	T score		Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	
>99	>145	>80			10		46	98	49	49	100-102		
>99	145	80			11-13		42	97	48	50-51	103-105		
>99	143	79			14-16		38	96	47	52-53	106-108		
>99	142	78			17-19		34	94	46	54-55	109-111		
>99	141	77			20-22		31	93	45	56-57	112-114		
>99	139	76			23-25		27	91	44	58-59	115-116		
99	138	75			26-28		24	90	43	60-61	117-119		
99	136	74			29-31		21	88	42	62-63	120-122		
99	134	73			32-34		18	86	41	64-65	123-125		
99	133	72			35-36		16	85	40	66	126-128		
98	132	71			37-39		14	83	39	67-68	129-131		
98	130	70	10		40-42		12	82	38	69-70	132-134		
97	128	69	11-12		43-45		10	80	37	71-72	135-137		
96	127	68	13-14		46-48		8	79	36	73-74	138-140		
96	125	67	15		49-51		7	78	35	75-76	141-143		
95	124	66	16-17		52-54		5	76	34	77-78	144-146		
93	123	65	18-19		55-57		4	75	33	79-80	147-149		
92	121	64	20-21		58-60		3	72	31	81-82	150-152		
90	120	63	22-23		61-63		2	70	30	83	153-155		
88	118	62	24-25		64-66		2	68	29	84-85	156-158		
86	117	61	26-27		67-69		1	67	28	86-87	159-161		
84	115	60	28-29		70-72		1	66	27	88-89	162-164		
82	114	59	30-31		73-75		1	64	26	90-91	165-167		
79	112	58	32		76-78		1	63	25	92-93	168-170		
76	110	57	33-34		79-81	<1	61	24	94-95	171-173			
73	109	56	35-36		82-84	<1	59	23	96-97	174-176			
69	108	55	37-38		85-87	<1	58	22	98-99	177-179			
66	106	54	39-40		88-90	<1	57	21	100	180-182			
62	104	53	41-42		91-93	<1	55	20	101-102	183-185			
58	103	52	43-44		94-96	<1	<55	<20	103-104	186-188			
54	102	51	45-46						105-240	189-240			
50	100	50	47-48		97-99								

Raw scores										
%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range	
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts			
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16	
11-16								1.8-1.9	11-16	
6-10								2.0-2.1	6-10	
2-5	1		2		1		3	2.2-2.4	2-5	
≤1	≥2	≥2	≥3	≥2	≥2	≥2	≥4	≥2.5	≤1	

# COLOR TRAILS TEST

Table B24

Age: 60 Years 0 Months 0 Days Through 74 Years 11 Months 31 Days

Education: 17 Through 21 Years

CTT.

%ile	Standard score	T score	Color	Color	Color	Color
			Trails 1 (time in seconds)	Trails 2 (time in seconds)		
>99	>145	>80			46	44-45
>99	145	80			42	88-90
>99	143	79	10-12		38	91-92
>99	142	78	13-15		34	93-95
>99	141	77	16-17		31	96-98
>99	139	76	18-20		27	99-100
99	138	75	21-22		24	101-103
99	136	74	23-25		21	104-105
99	134	73	26-28		18	106-108
99	133	72	29-30		16	109-110
98	132	71	31-33		14	111-113
98	130	70	34-35		12	114-116
97	128	69	36-38		10	117-118
96	127	68	10	39-41	8	119-121
96	125	67	11-12	42-43	7	122-123
95	124	66	13-14	44-46	5	124-126
93	123	65	15-16	47-48	4	127-129
92	121	64	17-18	49-51	3	130-131
90	120	63	19	52-53	2	132-134
88	118	62	20-21	54-56	1	135-136
86	117	61	22-23	57-59		137-139
84	115	60	24-25	60-61		140-142
82	114	59	26-27	62-64		143-144
79	112	58	28	65-66		145-147
76	110	57	29-30	67-69		148-149
73	109	56	31-32	70-72		150-152
69	108	55	33-34	73-74		153-155
66	106	54	35-36	75-77		156-157
62	104	53	37	78-79		158-160
58	103	52	38-39	80-82		161-162
54	102	51	40-41	83-85		163-165
50	100	50	42-43	86-87		166-240

## Raw scores

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-1	0.0-1.7	>16
11-16								1.8-1.9	11-16
6-10							2	2.0-2.1	6-10
2-5			2					2.2-2.4	2-5
≤1	≥1	≥2	≥3	≥2	≥1	≥2	≥3	≥2.5	≤1

**Table B25**  
**Age: 75 Years 0 Months 0 Days Through 89 Years 11 Months 31 Days**  
**Education: Less Than or Equal to 8 Years**

%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)
>99	>145	>80			46	98	49	76-78	149-153
>99	145	80		10-12	42	97	48	79-80	154-157
>99	143	79		13-16	38	96	47	81-83	158-162
>99	142	78		17-21	34	94	46	84-85	163-166
>99	141	77		22-25	31	93	45	86-88	167-171
>99	139	76	10-11	26-30	27	91	44	89-90	172-175
99	138	75	12-13	31-34	24	90	43	91-93	176-180
99	136	74	14-16	35-39	21	88	42	94-95	181-185
99	134	73	17-18	40-43	18	86	41	96-98	186-189
99	133	72	19-21	44-48	16	85	40	99-100	190-194
98	132	71	22-23	49-53	14	83	39	101-102	195-198
98	130	70	24-26	54-57	12	82	38	103-105	199-203
97	128	69	27-28	58-62	10	80	37	106-107	204-207
96	127	68	29-31	63-66	8	79	36	108-110	208-212
96	125	67	32-33	67-71	7	78	35	111-112	213-216
95	124	66	34-36	72-75	5	76	34	113-115	217-221
93	123	65	37-38	76-80	4	75	33	116-117	222-225
92	121	64	39-41	81-84	4	73	32	118-120	226-230
90	120	63	42-43	85-89	3	72	31	121-122	231-235
88	118	62	44-46	90-93	2	70	30	123-125	236-239
86	117	61	47-48	94-98	2	68	29	126-127	240
84	115	60	49-51	99-103	1	67	28	128-130	
82	114	59	52-53	104-107	1	66	27	131-132	
79	112	58	54-55	108-112	1	64	26	133-135	
76	110	57	56-58	113-116	1	63	25	136-137	
73	109	56	59-60	117-121	<1	61	24	138-140	
69	108	55	61-63	122-125	<1	59	23	141-142	
66	106	54	64-65	126-130	<1	58	22	143-145	
62	104	53	66-68	131-134	<1	57	21	146-147	
58	103	52	69-70	135-139	<1	55	20	148-149	
54	102	51	71-73	140-144	<1	<55	<20	150-240	
50	100	50	74-75	145-148					

#### Raw scores

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0-1	0-1	0-1	0-1	0	0-1	0-3	0.0-1.7	>16
11-16					1			1.8	11-16
6-10			2	2			4	1.9-2.0	6-10
2-5							5	2.1-2.4	2-5
≤1	≥2	≥2	≥3	≥3	≥2	≥2	≥6	≥2.5	≤1

**Table B26**  
**Age: 75 Years 0 Months 0 Days Through 89 Years 11 Months 31 Days**  
**Education: 9 Through 11 Years**

%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)
>99	>145	>80			46	98	49	69-71	132-135
>99	145	80		10-11	42	97	48	72-73	136-139
>99	143	79		12-15	38	96	47	74-75	140-143
>99	142	78		16-19	34	94	46	76-78	144-147
>99	141	77		20-23	31	93	45	79-80	148-151
>99	139	76		24-27	27	91	44	81-82	152-155
99	138	75	10	28-31	24	90	43	83-85	156-159
99	136	74	11-12	32-35	21	88	42	86-87	160-163
99	134	73	13-14	36-39	18	86	41	88-89	164-167
99	133	72	15-17	40-43	16	85	40	90-92	168-171
98	132	71	18-19	44-47	14	83	39	93-94	172-175
98	130	70	20-21	48-51	12	82	38	95-96	176-179
97	128	69	22-24	52-55	10	80	37	97-99	180-183
96	127	68	25-26	56-59	8	79	36	100-101	184-187
96	125	67	27-28	60-63	7	78	35	102-103	188-191
95	124	66	29-31	64-67	5	76	34	104-106	192-195
93	123	65	32-33	68-71	4	75	33	107-108	196-199
92	121	64	34-35	72-75	4	73	32	109-110	200-203
90	120	63	36-38	76-79	3	72	31	111-113	204-207
88	118	62	39-40	80-83	2	70	30	114-115	208-211
86	117	61	41-42	84-87	2	68	29	116-117	212-215
84	115	60	43-45	88-91	1	67	28	118-120	216-219
82	114	59	46-47	92-95	1	66	27	121-122	220-223
79	112	58	48-49	96-99	1	64	26	123-124	224-227
76	110	57	50-52	100-103	1	63	25	125-127	228-231
73	109	56	53-54	104-107	<1	61	24	128-129	232-235
69	108	55	55-56	108-111	<1	59	23	130-131	236-239
66	106	54	57-59	112-115	<1	58	22	132-134	240
62	104	53	60-61	116-119	<1	57	21	135-136	
58	103	52	62-63	120-123	<1	55	20	137-139	
54	102	51	64-66	124-127	<1	<55	<20	140-240	
50	100	50	67-68	128-131					

**Raw scores**

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16							3	1.8	11-16
6-10	1				1			1.9-2.0	6-10
2-5			2	2			4	2.1-2.4	2-5
≤1	≥2	≥2	≥3	≥3	≥2	≥2	≥5	≥2.5	≤1

**Table B27**  
**Age: 75 Years 0 Months 0 Days Through 89 Years 11 Months 31 Days**  
**Education: 12 Years**

%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	%ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)
>99	>145	>80			46	98	49	66-67	124-127
>99	145	80		10-11	42	97	48	68-70	128-131
>99	143	79		12-14	38	96	47	71-72	132-134
>99	142	78		15-18	34	94	46	73-74	135-138
>99	141	77		19-22	31	93	45	75-76	139-142
>99	139	76		23-26	27	91	44	77-79	143-146
99	138	75		27-29	24	90	43	80-81	147-149
99	136	74	10	30-33	21	88	42	82-83	150-153
99	134	73	11-12	34-37	18	86	41	84-86	154-157
99	133	72	13-15	38-41	16	85	40	87-88	158-161
98	132	71	16-17	42-44	14	83	39	89-90	162-164
98	130	70	18-19	45-48	12	82	38	91-92	165-168
97	128	69	20-21	49-52	10	80	37	93-95	169-172
96	127	68	22-24	53-56	8	79	36	96-97	173-176
96	125	67	25-26	57-59	7	78	35	98-99	177-179
95	124	66	27-28	60-63	5	76	34	100-102	180-183
93	123	65	29-31	64-67	4	75	33	103-104	184-187
92	121	64	32-33	68-71	4	73	32	105-106	188-191
90	120	63	34-35	72-74	3	72	31	107-108	192-194
88	118	62	36-38	75-78	2	70	30	109-111	195-198
86	117	61	39-40	79-82	2	68	29	112-113	199-202
84	115	60	41-42	83-86	1	67	28	114-115	203-206
82	114	59	43-44	87-89	1	66	27	116-118	207-209
79	112	58	45-47	90-93	1	64	26	119-120	210-213
76	110	57	48-49	94-97	1	63	25	121-122	214-217
73	109	56	50-51	98-101	<1	61	24	123-125	218-221
69	108	55	52-54	102-104	<1	59	23	126-127	222-224
66	106	54	55-56	105-108	<1	58	22	128-129	225-228
62	104	53	57-58	109-112	<1	57	21	130-131	229-232
58	103	52	59-60	113-116	<1	55	20	132-134	233-236
54	102	51	61-63	117-119	<1	<55	<20	135-240	237-240
50	100	50	64-65	120-123					

Raw scores									
%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16								1.8-1.9	11-16
6-10	1						3	2.0	6-10
2-5			2		1		4	2.1-2.4	2-5
≤1	≥2	≥2	≥3	≥2	≥2	≥2	≥5	≥2.5	≤1

**Table B28**  
**Age: 75 Years 0 Months 0 Days Through 89 Years 11 Months 31 Days**  
**Education: 13 Through 15 Years**

%ile	Standard score	T score	Color Trails 1	Color Trails 2	%ile	Standard score	T score	Color Trails 1	Color Trails 2
			(time in seconds)	(time in seconds)				(time in seconds)	(time in seconds)
>99	>145	>80			46	98	49	63-64	116-119
>99	145	80		10-11	42	97	48	65-66	120-122
>99	143	79		12-14	38	96	47	67-69	123-126
>99	142	78		15-18	34	94	46	70-71	127-129
>99	141	77		19-21	31	93	45	72-73	130-133
>99	139	76		22-25	27	91	44	74-75	134-136
99	138	75		26-28	24	90	43	76-77	137-140
99	136	74		29-32	21	88	42	78-80	141-143
99	134	73	10	33-35	18	86	41	81-82	144-147
99	133	72	11-13	36-39	16	85	40	83-84	148-150
98	132	71	14-15	40-42	14	83	39	85-86	151-154
98	130	70	16-17	43-45	12	82	38	87-89	155-157
97	128	69	18-19	46-49	10	80	37	90-91	158-161
96	127	68	20-22	50-52	8	79	36	92-93	162-164
96	125	67	23-24	53-56	7	78	35	94-95	165-168
95	124	66	25-26	57-59	5	76	34	96-98	169-171
93	123	65	27-28	60-63	4	75	33	99-100	172-175
92	121	64	29-31	64-66	4	73	32	101-102	176-178
90	120	63	32-33	67-70	3	72	31	103-104	179-182
88	118	62	34-35	71-73	2	70	30	105-106	183-185
86	117	61	36-37	74-77	2	68	29	107-109	186-189
84	115	60	38-40	78-80	1	67	28	110-111	190-192
82	114	59	41-42	81-84	1	66	27	112-113	193-196
79	112	58	43-44	85-87	1	64	26	114-115	197-199
76	110	57	45-46	88-91	1	63	25	116-118	200-203
73	109	56	47-48	92-94	<1	61	24	119-120	204-206
69	108	55	49-51	95-98	<1	59	23	121-122	207-210
66	106	54	52-53	99-101	<1	58	22	123-124	211-213
62	104	53	54-55	102-105	<1	57	21	125-127	214-217
58	103	52	56-57	106-108	<1	55	20	128-129	218-220
54	102	51	58-60	109-112	<1	<55	<20	130-240	221-240
50	100	50	61-62	113-115					

#### Raw scores

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16								1.8	11-16
6-10							3	1.9-2.0	6-10
2-5	1				1		4	2.1-2.4	2-5
≤1	≥2	≥2	≥2	≥2	≥2	≥2	≥5	≥2.5	≤1

**Table B29**  
**Age: 75 Years 0 Months 0 Days Through 89 Years 11 Months 31 Days**  
**Education: 16 Years**

%ile	Standard score	T score	Color Trails 1	Color Trails 2	%ile	Standard score	T score	Color Trails 1	Color Trails 2
			(time in seconds)	(time in seconds)				(time in seconds)	(time in seconds)
>99	>145	>80			46	98	49	60-61	109-111
>99	145	80	10		42	97	48	62-63	112-114
>99	143	79	11-13		38	96	47	64-65	115-118
>99	142	78	14-17		34	94	46	66-67	119-121
>99	141	77	18-20		31	93	45	68-70	122-124
>99	139	76	21-23		27	91	44	71-72	125-127
99	138	75	24-26		24	90	43	73-74	128-131
99	136	74	27-30		21	88	42	75-76	132-134
99	134	73	31-33		18	86	41	77-78	135-137
99	133	72	10-11	34-36	16	85	40	79-80	138-140
98	132	71	12-13	37-40	14	83	39	81-83	141-144
98	130	70	14-15	41-43	12	82	38	84-85	145-147
97	128	69	16-17	44-46	10	80	37	86-87	148-150
96	127	68	18-20	47-49	8	79	36	88-89	151-153
96	125	67	21-22	50-53	7	78	35	90-91	154-157
95	124	66	23-24	54-56	5	76	34	92-93	158-160
93	123	65	25-26	57-59	4	75	33	94-96	161-163
92	121	64	27-28	60-62	4	73	32	97-98	164-166
90	120	63	29-30	63-66	3	72	31	99-100	167-170
88	118	62	31-33	67-69	2	70	30	101-102	171-173
86	117	61	34-35	70-72	2	68	29	103-104	174-176
84	115	60	36-37	73-75	1	67	28	105-107	177-179
82	114	59	38-39	76-79	1	66	27	108-109	180-183
79	112	58	40-41	80-82	1	64	26	110-111	184-186
76	110	57	42-43	83-85	1	63	25	112-113	187-189
73	109	56	44-46	86-88	<1	61	24	114-115	190-192
69	108	55	47-48	89-92	<1	59	23	116-117	193-196
66	106	54	49-50	93-95	<1	58	22	118-120	197-199
62	104	53	51-52	96-98	<1	57	21	121-122	200-202
58	103	52	53-54	99-101	<1	55	20	123-124	203-205
54	102	51	55-56	102-105	<1	<55	<20	125-240	206-240
50	100	50	57-59	106-108					

**Raw scores**

%ile range	Color Trails 1			Color Trails 2				Interference Index	%ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-2	0.0-1.7	>16
11-16								1.8-1.9	11-16
6-10								2.0-2.1	6-10
2-5					1		3	2.2-2.4	2-5
≤1	≥1	≥2	≥2	≥2	≥2	≥2	≥4	≥2.5	≤1

**Table B30**  
**Age: 75 Years 0 Months 0 Days Through 89 Years 11 Months 31 Days**  
**Education: 17 Through 21 Years**

% ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)	% ile	Standard score	T score	Color Trails 1 (time in seconds)	Color Trails 2 (time in seconds)
>99	>145	>80			46	98	49	55-56	97-99
>99	145	80	10		42	97	48	57-58	100-102
>99	143	79	11-13		38	96	47	59-60	103-105
>99	142	78	14-16		34	94	46	61-62	106-108
>99	141	77	17-18		31	93	45	63-64	109-111
>99	139	76	19-21		27	91	44	65-66	112-114
99	138	75	22-24		24	90	43	67-69	115-116
99	136	74	25-27		21	88	42	70-71	117-119
99	134	73	28-30		18	86	41	72-73	120-122
99	133	72	31-33		16	85	40	74-75	123-125
98	132	71	10	34-36	14	83	39	76-77	126-128
98	130	70	11-12	37-39	12	82	38	78-79	129-131
97	128	69	13-14	40-42	10	80	37	80-81	132-134
96	127	68	15-16	43-44	8	79	36	82-83	135-137
96	125	67	17-18	45-47	7	78	35	84-85	138-139
95	124	66	19-21	48-50	5	76	34	86-87	140-142
93	123	65	22-23	51-53	4	75	33	88-89	143-145
92	121	64	24-25	54-56	4	73	32	90-92	146-148
90	120	63	26-27	57-59	3	72	31	93-94	149-151
88	118	62	28-29	60-62	2	70	30	95-96	152-154
86	117	61	30-31	63-65	2	68	29	97-98	155-157
84	115	60	32-33	66-67	1	67	28	99-100	158-160
82	114	59	34-35	68-70	1	66	27	101-102	161-163
79	112	58	36-37	71-73	1	64	26	103-104	164-165
76	110	57	38-39	74-76	1	63	25	105-106	166-168
73	109	56	40-41	77-79	<1	61	24	107-108	169-171
69	108	55	42-43	80-82	<1	59	23	109-110	172-174
66	106	54	44-46	83-85	<1	58	22	111-112	175-177
62	104	53	47-48	86-88	<1	57	21	113-115	178-180
58	103	52	49-50	89-91	<1	55	20	116-117	181-183
54	102	51	51-52	92-93	<1	<55	<20	118-240	184-240
50	100	50	53-54	94-96					

**Raw scores**

% ile range	Color Trails 1			Color Trails 2				Interference Index	% ile range
	Errors	Near-misses	Prompts	Color Errors	Number Errors	Near-misses	Prompts		
>16	0	0-1	0-1	0-1	0	0-1	0-1	0.0-1.7	>16
11-16							2	1.8-1.9	11-16
6-10								2.0-2.1	6-10
2-5							3	2.2-2.4	2-5
≤1	≥1	≥2	≥2	≥2	≥1	≥2	≥4	≥2.5	≤1