



WECHSLER INTELLIGENCE SCALE
FOR CHILDREN® – FOURTH EDITION

TECHNICAL REPORT #7

WISC–IV Extended Norms

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The WISC–IV extended norms were developed in response to a request from the National Association for Gifted Children (NAGC).

These norms are used to further differentiate highly gifted children (FSIQ or GAI above 150) from gifted children (FSIQ or GAI 130–150). The extended norms are useful when a child's score is the maximum (ceiling) on two or more subtests (e.g., obtains scaled scores of 18 or 19 points). These norms extend the **WISC–IV** upper scaled score range to 28 points for subtests and 210 points for composites. It is important to note that the extended norms are not useful for most children. Among the 2,200 cases in the WISC–IV standardization sample, only one child obtained a GAI score of 151 and none obtained an FSIQ score of 150 or higher. According to the bell curve, out of 20,000,000 same-age peers, only one child would be expected to obtain a FSIQ of 180 or higher.

The **WISC–IV** extended norms were developed using the natural ceiling of the test, **WISC–IV** standardization data, and the validity data (highly gifted sample) provided by the NAGC. These norms are based on the same measurement metrics used in all Wechsler scales, same-age peers, and are consistent with the normal bell curve. These features ensure the meaningful comparison of IQ and index scores derived from all current Wechsler scales or other tests that use the same measurement metrics. NAGC provided the validity data as a benchmark to guide development of the extended norms. Dr. Linda Silverman of NAGC also provided two cases categorized as extremely gifted to beta test the extended norms. NAGC experts confirmed that scores from these cases were “within the expectation.”

The rate of concept acquisition is highest during early ages. As a result, median raw score changes across the younger ages will be greater than median raw score changes with adolescents. Smaller changes in median raw scores at higher ability levels will represent larger and larger differences in calculated mental ages. Therefore, age-equivalents based on these median raw scores cannot be considered equal interval or ratio scales and therefore, should not be added, subtracted, divided or multiplied (see Bracken, 1988; Harrison & Oakland, 2002).

The **WISC–IV** extended norms described in this report are more psychometrically sound and easier to compute than ratio computations based on age equivalents data (e.g., mental age ÷ biological age x 100). For the purpose of interpretation, all the tables provided in the **WISC–IV** manual, such as reliability, SEM, critical values, and base rate tables, can be used to interpret the scores derived from the extended norms. The scores derived from the extended norms should be interpreted the same way as any other standard scores derived from the **WISC–IV**. The following wording is recommended when the extended norms are used:

Because {child's name} obtained the top scaled score on {number of subtests} **WISC–IV** subtests, his/her composite scores were based on a special table of extended norms created, in part, from a sample of highly gifted children (see the **WISC-IV** Technical Report #7). Using these extended norms, his/her scores are as follows: . . .

Because the natural ceilings of the **WISC-IV** subtests are not equally high, the maximum scaled scores are not the same across all subtests. The maximum scores across all ages may not be equally high because of these ceiling differences. The possible extended scaled, IQ, and index scores are higher for a younger child, so his or her scores could be lower when assessed a few years later (depending on the length of the testing interval).

The extended **WISC-IV** norms are very informative in differentiating highly gifted children from gifted children; however, this new endeavor requires further clinical validation.

Validity Study Using National Association for Gifted Children Sample

The NAGC sample contains 157 usable cases with a mean age of 8.71 years, the SD = 1.85 years,

ranging from 5.64 to 13.8 years. The sample consists of 61% males and 39% females. Table 1 reports the mean subtest, index, and IQ scores of the sample. Table 1 shows that scores based on the extended norms average about 1 to 2 points higher than the scores based on the regular norms. The maximum score and variance for each composite score significantly increased. As expected, the composite scores with high g-loading, e.g., VCI, PRI, and GAI, show the most increases in the maximum score. About 37.2% of the sample showed 1 to 17 points improvement when the extended GAI norms were used. In contrast, only 2.3% of the **WISC-IV** standardization sample showed 1 to 3 points improvement when the extended GAI norms were used. These results indicate that the **WISC-IV** extended norms indeed improved the differentiation among the gifted children.

Table 1. Mean WISC-IV Scores for the NAGC Sample

Variable	N	Mean	SD	Min	Max
Block Design	154	14.1	2.4	7	19
Matrix Reasoning	153	15.7	3.4	7	26
Picture Concept	155	15.3	2.4	7	21
Coding	155	11.8	3.0	5	21
Symbol Search	153	13.0	2.6	7	20
Digit Span1	148	13.5	2.6	6	21
Letter-Number Sequencing	155	15.2	2.3	10	23
Vocabulary	155	16.1	2.4	12	28
Comprehension	155	15.5	2.3	8	23
Similarities	155	16.6	2.5	9	24
VCI	157	134.9	10.0	110	155
VCI-Extended	157	136.4	11.7	110	188
PRI	157	130.1	11.0	102	149
PRI-Extended	157	131.2	12.3	102	167
WMI	157	123.9	11.1	97	148
WMI-Extended	157	125.2	10.9	97	150
PSI	157	114.3	13.8	83	150
PSI-Extended	157	114.6	14.0	83	160
FSIQ	157	134.0	8.3	118	151
FSIQ Extended	157	135.1	8.8	120	159
GAI	156	139.2	10.6	120	160
GAI-Extended	157	140.5	11.5	120	176

Note: All subtest scaled scores are based on the extended norms.

Case Study

Name: K.O.

D.O.B.: 10/30/99

Sex: Male

Test Date: 3/26/07

Age: 7 years 4 months

Because K.O. obtained the top scaled score on eleven **WISC-IV** subtests, his subtest scaled score, and composite scores were derived from special **WISC-IV** extended norms created, in part, based on a sample of highly gifted children. Using the extended norms reported in **WISC-IV** Technical Report #7 (The Psychological Corporation, January 2008) his scores are as follows:

Subtest	Scale Score			
	Raw Score	Regular	Extended	Percentile
Similarities	42	19	25	99.9
Vocabulary	62	19	28	99.9
Comprehension	39	19	28	99.9
(Information)	27	19	25	99.9
Block Design	51	18	18	99.6
Picture Concept	25	19	21	99.9
Matrix Reasoning	29	19	22	99.9
Picture Completion	34	19	22	99.9
Digit Span	28	19	25	99.9
Letter-Number Sequencing	24	19	21	99.9
(Arithmetic)	28	19	20	99.9
Coding	63	17	17	99.0

Composite	Sum of Scaled Score		Composite Score		Percentile
	Regular	Extended	Regular	Extended	
Verbal Comprehension	57	81	155	204	>99.9
Perceptual Reasoning	57	65	155	171	>99.9
Working Memory	38	46	150	177	>99.9
Processing Speed	31	31	131	131	98.0
Full Scale IQ	183	223	158	192	>99.9
GAI	114	146	160	208	>99.9

References

- Bracken, B. A., (1988).** Ten psychometric reasons why similar tests produce dissimilar results. *Journal of School Psychology, 26*, 155–166.
- Harrison, P., & Oakland, T. (2002).** *Adaptive Behavior Assessment Scales*. San Antonio, TX: Pearson Education, Inc.

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 6:0–6:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	46–48	23–24	18	19	64	32–33	18	21	23–24	40–42	25	91–95	17	21–22	15
19	49–51	25–26	19	20	65	34–35	19	22	25	43–44	26	96–100	18	23	16
20	52–53	27–28	20	21	–	36–37	20	23	26	45	27	101–105	19	24	17
21	54–55	29–30	21	22	–	38–39	21	24	27	–	28	106–109	20	25–26	18
22	56–57	31–32	22	23	–	40–41	22	25	28	–	29	110–113	21	27	19
23	58–59	33–34	23	24	–	42–43	23	26	29	–	30	114–117	22	28	20
24	60–61	35–36	24	25	–	44–45	24	27	30	–	31	118–121	23	29	21
25	62–63	37–38	25	26	–	46–47	25	28	31	–	32	122–125	24	30	22
26	64–65	39–40	26	27	–	48–49	26	29	32	–	33	126–129	25	31	23
27	66–67	41–42	27	28	–	50–51	27	30	33	–	34	130–133	26	32	–
28	68	43–44	28–32	–	–	52–68	28–30	31–35	34–42	–	35–38	134–136	27–33	33–34	24

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 6:4–6:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	46–48	24–25	19	20	64	33–34	19	22	25	41–42	26	93–97	18	22–23	16
19	49–51	26–27	20	21	65	35–36	20	23	26	43–44	27	98–102	19	24	17
20	52–53	28–29	21	22	–	37–38	21	24	27	45	28	103–107	20	25	18
21	54–55	30–31	22	23	–	39–40	22	25	28	–	29	108–111	21	26–27	19
22	56–57	32–33	23	24	–	41–42	23	26	29	–	30	112–115	22	28	20
23	58–59	34–35	24	25	–	43–44	24	27	30	–	31	116–119	23	29	21
24	60–61	36–37	25	26	–	45–46	25	28	31	–	32	120–123	24	30	22
25	62–63	38–39	26	27	–	47–48	26	29	32	–	33	124–127	25	31	23
26	64–65	40–41	27	28	–	49–50	27	30	33	–	34	128–131	26	32	–
27	66–67	42–43	28	–	–	51–52	28	31	34	–	35	132–135	27	33	24
28	68	44	29–32	–	–	53–68	29–30	32–35	35–42	–	36–38	136	28–33	34	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 6:8–6:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	46–48	26–27	20	21	64	35–36	20	23	26	41–42	27	95–99	19	23–24	17
19	49–51	28–29	21	22	65	37–38	21	24	27	43–44	28	100–104	20	25	18
20	52–53	30–31	22	23	–	39–40	22	25	28	45	29	105–109	21	26	19
21	54–55	32–33	23	24	–	41–42	23	26	29	–	30	110–113	22	27–28	20
22	56–57	34–35	24	25	–	43–44	24	27	30	–	31	114–117	23	29	21
23	58–59	36–37	25	26	–	45–46	25	28	31	–	32	118–121	24	30	22
24	60–61	38–39	26	27	–	47–48	26	29	32	–	33	122–125	25	31	23
25	62–63	40–41	27	28	–	49–50	27	30	33	–	34	126–129	26	32	–
26	64–65	42–43	28	–	–	51–52	28	31	34	–	35	130–133	27	33	24
27	66–67	44	29	–	–	53–54	29	32	35	–	36	134–136	28	34	–
28	68	–	30–32	–	–	55–68	30	33–35	36–42	–	37–38	–	29–33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 7:0–7:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	51–53	26–27	20	21	64	37–38	20	24	26–27	43–44	28	98–102	19	24–25	17
19	54–56	28–29	21	22	65	39–40	21	25	28	45	29	103–107	20	26	18
20	57–58	30–31	22	23	–	41–42	22	26	29	–	30	108–112	21	27	19
21	59–60	32–33	23	24	–	43–44	23	27	30	–	31	113–116	22	28–29	20
22	61–62	34–35	24	25	–	45–46	24	28	31	–	32	117–120	23	30	21
23	63–64	36–37	25	26	–	47–48	25	29	32	–	33	121–124	24	31	22
24	65–66	38–39	26	27	–	49–50	26	30	33	–	34	125–128	25	32	23
25	67–68	40–41	27	28	–	51–52	27	31	34	–	35	129–132	26	33	–
26	–	42–43	28	–	–	53–54	28	32	35	–	36	133–136	27	34	24
27	–	44	29	–	–	55–56	29	33	36	–	37	–	28	–	–
28	–	–	30–32	–	–	57–68	30	34–35	37–42	–	38	–	29–33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 7:4–7:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	51–53	27–28	21	22	64	39–40	21	25	27	43–44	30	100–104	20	25	18
19	54–56	29–30	22	23	65	41–42	22	26	28	45	31	105–109	21	26–27	19
20	57–58	31–32	23	24	–	43–44	23	27	29	–	32	110–114	22	28	20
21	59–60	33–34	24	25	–	45–46	24	28	30	–	33	115–118	23	29	21
22	61–62	35–36	25	26	–	47–48	25	29	31	–	34	119–122	24	30	22
23	63–64	37–38	26	27	–	49–50	26	30	32	–	35	123–126	25	31–32	23
24	65–66	39–40	27	28	–	51–52	27	31	33	–	36	127–130	26	33	–
25	67–68	41–42	28	–	–	53–54	28	32	34	–	37	131–134	27	34	24
26	–	43–44	29	–	–	55–56	29	33	35	–	–	135–136	28	–	–
27	–	–	30	–	–	57–58	30	34	36	–	38	–	29	–	–
28	–	–	31–32	–	–	59–68	–	35	37–42	–	–	–	30–33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 7:8–7:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	51–53	29–30	21	23	64	41–42	22	26	28	43–44	31	103–107	21	26–27	19
19	54–56	31–32	22	24	65	43–44	23	27	29	45	32	108–112	22	28	20
20	57–58	33–34	23	25	–	45–46	24	28	30	–	33	113–117	23	29	21
21	59–60	35–36	24	26	–	47–48	25	29	31	–	34	118–121	24	30	22
22	61–62	37–38	25	27	–	49–50	26	30	32	–	35	122–125	25	31–32	23
23	63–64	39–40	26	28	–	51–52	27	31	33	–	36	126–129	26	33	–
24	65–66	41–42	27	–	–	53–54	28	32	34	–	37	130–133	27	34	24
25	67–68	43–44	28	–	–	55–56	29	33	35	–	–	134–136	28	–	–
26	–	–	29	–	–	57–58	30	34	36	–	38	–	29	–	–
27	–	–	30	–	–	59–60	–	–	37	–	–	–	30	–	–
28	–	–	31–32	–	–	61–68	–	35	38–42	–	–	–	31–33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 8:0–8:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	56–58	29–30	22	23	54–56	42–43	22	27	28–29	31–32	31	106–110	21	26–27	20
19	59–61	31–32	23	24	57–59	44–45	23	28	30	33–34	32	111–115	22	28	21
20	62–63	33–34	24	25	60–62	46–47	24	29	31	35–36	33	116–120	23	29	22
21	64–65	35–36	25	26	63–65	48–49	25	30	32	37–38	34	121–124	24	30	23
22	66–67	37–38	26	27	66–68	50–51	26	31	33	39–40	35	125–128	25	31–32	–
23	68	39–40	27	28	69–71	52–53	27	32	34	41–42	36	129–132	26	33	24
24	–	41–42	28	–	72–74	54–55	28	33	35	43–44	37	133–136	27	34	–
25	–	43–44	29	–	75–77	56–57	29	34	36	45–46	–	–	28	–	–
26	–	–	30	–	78–80	58–59	30	–	37	47–48	38	–	29	–	–
27	–	–	31	–	81–83	60–61	–	35	38	49–50	–	–	30	–	–
28	–	–	32	–	84–119	62–68	–	–	39–42	51–60	–	–	31–33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 8:4–8:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	56–58	31–32	22	24	57–59	44–45	23	28	29	33–34	32	108–112	23	27–28	20
19	59–61	33–34	23	25	60–62	46–47	24	29	30	35–36	33	113–117	24	29	21
20	62–63	35–36	24	26	63–65	48–49	25	30	31	37–38	34	118–122	25	30	22
21	64–65	37–38	25	27	66–68	50–51	26	31	32	39–40	35	123–126	26	31	23
22	66–67	39–40	26	28	69–71	52–53	27	32	33	41–42	36	127–130	27	32–33	–
23	68	41–42	27	–	72–74	54–55	28	33	34	43–44	37	131–134	28	34	24
24	–	43–44	28	–	75–77	56–57	29	34	35	45–46	–	135–136	29	–	–
25	–	–	29	–	78–80	58–59	30	–	36	47–48	38	–	30	–	–
26	–	–	30	–	81–83	60–61	–	35	37	49–50	–	–	31	–	–
27	–	–	31	–	84–86	62–63	–	–	38	51–52	–	–	32	–	–
28	–	–	32	–	87–119	64–68	–	–	39–42	53–60	–	–	33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 8:8–8:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	56–58	32–33	23	25	59–61	46–47	24	29	30–31	35–36	33	110–114	23	28–29	21
19	59–61	34–35	24	26	62–64	48–49	25	30	32	37–38	34	115–119	24	30	22
20	62–63	36–37	25	27	65–67	50–51	26	31	33	39–40	35	120–124	25	31	23
21	64–65	38–39	26	28	68–70	52–53	27	32	34	41–42	36	125–128	26	32	–
22	66–67	40–41	27	–	71–73	54–55	28	33	35	43–44	37	129–132	27	33	24
23	68	42–43	28	–	74–76	56–57	29	34	36	45–46	–	133–136	28	34	–
24	–	44	29	–	77–79	58–59	30	–	37	47–48	38	–	29	–	–
25	–	–	30	–	80–82	60–61	–	35	38	49–50	–	–	30	–	–
26	–	–	31	–	83–85	62–63	–	–	39	51–52	–	–	31	–	–
27	–	–	32	–	86–88	64–65	–	–	40	53–54	–	–	32	–	–
28	–	–	–	–	89–119	66–68	–	–	41–42	55–60	–	–	33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 9:0–9:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	58–60	33–34	23	25–26	61–63	47–48	24	29	31–32	36–37	33	112–116	24	29–30	22
19	61–63	35–36	24	27	64–66	49–50	25	30	33	38–39	34	117–121	25	31	23
20	64–65	37–38	25	28	67–69	51–52	26	31	34	40–41	35	122–126	26	32	–
21	66–67	39–40	26	–	70–72	53–54	27	32	35	42–43	36	127–130	27	33	24
22	68	41–42	27	–	73–75	55–56	28	33	36	44–45	37	131–134	28	34	–
23	–	43–44	28	–	76–78	57–58	29	34	37	46–47	–	135–136	29	–	–
24	–	–	29	–	79–81	59–60	30	–	38	48–49	38	–	30	–	–
25	–	–	30	–	82–84	61–62	–	35	39	50–51	–	–	31	–	–
26	–	–	31	–	85–87	63–64	–	–	40	52–53	–	–	32	–	–
27	–	–	32	–	88–90	65–66	–	–	41	54–55	–	–	–	–	–
28	–	–	–	–	91–119	67–68	–	–	42	56–60	–	–	33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 9:4–9:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	58–60	34–35	24	26	64–66	49–50	25	30	32	37–38	34	114–118	24	30	22
19	61–63	36–37	25	27	67–69	51–52	26	31	33	39–40	35	119–123	25	31	23
20	64–65	38–39	26	28	70–72	53–54	27	32	34	41–42	36	124–128	26	32	–
21	66–67	40–41	27	–	73–75	55–56	28	33	35	43–44	37	129–132	27	33	24
22	68	42–43	28	–	76–78	57–58	29	34	36	45–46	–	133–136	28	34	–
23	–	44	29	–	79–81	59–60	30	–	37	47–48	38	–	29	–	–
24	–	–	30	–	82–84	61–62	–	35	38	49–50	–	–	30	–	–
25	–	–	31	–	85–87	63–64	–	–	39	51–52	–	–	31	–	–
26	–	–	32	–	88–90	65–66	–	–	40	53–54	–	–	32	–	–
27	–	–	–	–	91–93	67–68	–	–	41	55–56	–	–	–	–	–
28	–	–	–	–	94–119	–	–	–	42	57–60	–	–	33	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 9:8–9:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	58–60	34–35	24	26	66–68	51–52	25	30	33	38–39	34	116–120	25	30–31	22
19	61–63	36–37	25	27	69–71	53–54	26	31	34	40–41	35	121–125	26	32	23
20	64–65	38–39	26	28	72–74	55–56	27	32	35	42–43	36	126–130	27	33	–
21	66–67	40–41	27	–	75–77	57–58	28	33	36	44–45	37	131–134	28	34	24
22	68	42–43	28	–	78–80	59–60	29	34	37	46–47	–	135–136	29	–	–
23	–	44	29	–	81–83	61–62	30	–	38	48–49	38	–	30	–	–
24	–	–	30	–	84–86	63–64	–	35	39	50–51	–	–	31	–	–
25	–	–	31	–	87–89	65–66	–	–	40	52–53	–	–	32	–	–
26	–	–	32	–	90–92	67–68	–	–	41	54–55	–	–	–	–	–
27	–	–	–	–	93–95	–	–	–	–	56–57	–	–	33	–	–
28	–	–	–	–	96–119	–	–	–	42	58–60	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 10:0–10:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	60–61	36–37	24	26	68–70	51–52	25	31	33–34	39–40	35	118–122	25	31	23
19	62–63	38–39	25	27	71–73	53–54	26	32	35	41–42	36	123–127	26	32	–
20	64–65	40–41	26	28	74–76	55–56	27	33	36	43–44	37	128–132	27	33	24
21	66–67	42–43	27	–	77–79	57–58	28	34	37	45–46	–	133–135	28	34	–
22	68	44	28	–	80–82	59–60	29	–	38	47–48	38	136	29	–	–
23	–	–	29	–	83–85	61–62	30	35	39	49–50	–	–	30	–	–
24	–	–	30	–	86–88	63–64	–	–	40	51–52	–	–	31	–	–
25	–	–	31	–	89–91	65–66	–	–	41	53–54	–	–	32	–	–
26	–	–	32	–	92–94	67–68	–	–	–	55–56	–	–	–	–	–
27	–	–	–	–	95–97	–	–	–	42	57–58	–	–	33	–	–
28	–	–	–	–	98–119	–	–	–	–	59–60	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 10:4–10:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	60–61	36–37	24	26	70–72	53–54	25	31	34	40–41	35	120–124	26	31	23
19	62–63	38–39	25	27	73–75	55–56	26	32	35	42–43	36	125–129	27	32	–
20	64–65	40–41	26	28	76–78	57–58	27	33	36	44–45	37	130–134	28	33	24
21	66–67	42–43	27	–	79–81	59–60	28	34	37	46–47	–	135–136	29	34	–
22	68	44	28	–	82–84	61–62	29	–	38	48–49	38	–	30	–	–
23	–	–	29	–	85–87	63–64	30	35	39	50–51	–	–	31	–	–
24	–	–	30	–	88–90	65–66	–	–	40	52–53	–	–	32	–	–
25	–	–	31	–	91–93	67–68	–	–	41	54–55	–	–	–	–	–
26	–	–	32	–	94–96	–	–	–	–	56–57	–	–	33	–	–
27	–	–	–	–	97–99	–	–	–	42	58–59	–	–	–	–	–
28	–	–	–	–	100–119	–	–	–	–	60	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 10:8–10:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	61–62	36–37	24	26	72–74	54–55	25	31	34	40–41	35	122–126	26	31	23
19	63–64	38–39	25	27	75–77	56–57	26	32	35	42–43	36	127–130	27	32	–
20	65	40–41	26	28	78–80	58–59	27	33	36	44–45	37	131–134	28	33	24
21	66–67	42–43	27	–	81–83	60–61	28	34	37	46–47	–	135–136	29	34	–
22	68	44	28	–	84–86	62–63	29	–	38	48–49	38	–	30	–	–
23	–	–	29	–	87–89	64–65	30	35	39	50–51	–	–	31	–	–
24	–	–	30	–	90–92	66–67	–	–	40	52–53	–	–	32	–	–
25	–	–	31	–	93–95	68	–	–	41	54–55	–	–	–	–	–
26	–	–	32	–	96–98	–	–	–	–	56–57	–	–	33	–	–
27	–	–	–	–	99–101	–	–	–	42	58–59	–	–	–	–	–
28	–	–	–	–	102–119	–	–	–	–	60	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 11:0–11:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	62	37-38	25	27	74-76	55-56	26	32	35	42-43	36	124-127	27	32	23
19	63-64	39-40	26	28	77-79	57-58	27	33	36	44-45	37	128-131	28	33	-
20	65	41-42	27	-	80-82	59-60	28	34	37	46-47	-	132-135	29	34	24
21	66-67	43-44	28	-	83-85	61-62	29	-	38	48-49	38	136	30	-	-
22	68	-	29	-	86-88	63-64	30	35	39	50-51	-	-	31	-	-
23	-	-	30	-	89-91	65-66	-	-	40	52-53	-	-	32	-	-
24	-	-	31	-	92-94	67-68	-	-	41	54-55	-	-	-	-	-
25	-	-	32	-	95-97	-	-	-	-	56-57	-	-	33	-	-
26	-	-	-	-	98-100	-	-	-	42	58-59	-	-	-	-	-
27	-	-	-	-	101-103	-	-	-	-	60	-	-	-	-	-
28	-	-	-	-	104-119	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 11:4–11:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	62	37-38	25	27	76-78	56-57	26	32	35	42-43	36	125-128	28	32	23
19	63-64	39-40	26	28	79-81	58-59	27	33	36	44-45	37	129-132	29	33	-
20	65	41-42	27	-	82-84	60-61	28	34	37	46-47	-	133-136	30	34	24
21	66-67	43-44	28	-	85-87	62-63	29	-	38	48-49	38	-	31	-	-
22	68	-	29	-	88-90	64-65	30	35	39	50-51	-	-	32	-	-
23	-	-	30	-	91-93	66-67	-	-	40	52-53	-	-	-	-	-
24	-	-	31	-	94-96	68	-	-	41	54-55	-	-	33	-	-
25	-	-	32	-	97-99	-	-	-	-	56-57	-	-	-	-	-
26	-	-	-	-	100-102	-	-	-	42	58-59	-	-	-	-	-
27	-	-	-	-	103-105	-	-	-	-	60	-	-	-	-	-
28	-	-	-	-	106-119	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 11:8–11:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	62	37-38	25	27	78-80	56-57	26	32	36	42-43	36	126-129	28	32	23
19	63-64	39-40	26	28	81-83	58-59	27	33	37	44-45	37	130-133	29	33	-
20	65	41-42	27	-	84-86	60-61	28	34	38	46-47	-	134-136	30	34	24
21	66-67	43-44	28	-	87-89	62-63	29	-	39	48-49	38	-	31	-	-
22	68	-	29	-	90-92	64-65	30	35	40	50-51	-	-	32	-	-
23	-	-	30	-	93-95	66-67	-	-	41	52-53	-	-	-	-	-
24	-	-	31	-	96-98	68	-	-	-	54-55	-	-	33	-	-
25	-	-	32	-	99-101	-	-	-	42	56-57	-	-	-	-	-
26	-	-	-	-	102-104	-	-	-	-	58-59	-	-	-	-	-
27	-	-	-	-	105-107	-	-	-	-	60	-	-	-	-	-
28	-	-	-	-	108-119	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 12:0–12:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	63–64	39–40	26	27	80–82	58–59	26	33	36	44–45	37	127–130	29	33	23
19	65	41–42	27	28	83–85	60–61	27	34	37	46–47	–	131–134	30	34	–
20	66–67	43–44	28	–	86–88	62–63	28	–	38	48–49	38	135–136	31	–	24
21	68	–	29	–	89–91	64–65	29	35	39	50–51	–	–	32	–	–
22	–	–	30	–	92–94	66–67	30	–	40	52–53	–	–	–	–	–
23	–	–	31	–	95–97	68	–	–	41	54–55	–	–	33	–	–
24	–	–	32	–	98–100	–	–	–	–	56–57	–	–	–	–	–
25	–	–	–	–	101–103	–	–	–	42	58–59	–	–	–	–	–
26	–	–	–	–	104–106	–	–	–	–	60	–	–	–	–	–
27	–	–	–	–	107–109	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	110–119	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 12:4–12:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	63–64	40–41	26	27	82–84	58–59	26	33	37	44–45	37	128–131	29	33	23
19	65	42–43	27	28	85–87	60–61	27	34	38	46–47	–	132–135	30	34	–
20	66–67	44	28	–	88–90	62–63	28	–	39	48–49	38	136	31	–	24
21	68	–	29	–	91–93	64–65	29	35	40	50–51	–	–	32	–	–
22	–	–	30	–	94–96	66–67	30	–	41	52–53	–	–	–	–	–
23	–	–	31	–	97–99	68	–	–	–	54–55	–	–	33	–	–
24	–	–	32	–	100–102	–	–	–	42	56–57	–	–	–	–	–
25	–	–	–	–	103–105	–	–	–	–	58–59	–	–	–	–	–
26	–	–	–	–	106–108	–	–	–	–	60	–	–	–	–	–
27	–	–	–	–	109–111	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	112–119	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 12:8–12:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	63–64	40–41	26	27	84–86	58–59	26	33	37	44–45	37	129–132	29	33	23
19	65	42–43	27	28	87–89	60–61	27	34	38	46–47	–	133–135	30	34	–
20	66–67	44	28	–	90–92	62–63	28	–	39	48–49	38	136	31	–	24
21	68	–	29	–	93–95	64–65	29	35	40	50–51	–	–	32	–	–
22	–	–	30	–	96–98	66–67	30	–	41	52–53	–	–	–	–	–
23	–	–	31	–	99–101	68	–	–	–	54–55	–	–	33	–	–
24	–	–	32	–	102–104	–	–	–	42	56–57	–	–	–	–	–
25	–	–	–	–	105–107	–	–	–	–	58–59	–	–	–	–	–
26	–	–	–	–	108–110	–	–	–	–	60	–	–	–	–	–
27	–	–	–	–	111–113	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	114–119	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 13:0–13:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	65	41-42	27	27	86-88	60-61	26	34	38	46-47	37	131-133	30	33	-
19	66	43	28	28	89-91	62-63	27	-	39	48-49	-	134-136	31	34	24
20	67	44	29	-	92-94	64-65	28	35	40	50-51	38	-	32	-	-
21	68	-	30	-	95-97	66-67	29	-	41	52-53	-	-	-	-	-
22	-	-	31	-	98-100	68	30	-	-	54-55	-	-	33	-	-
23	-	-	32	-	101-103	-	-	-	42	56-57	-	-	-	-	-
24	-	-	-	-	104-106	-	-	-	-	58-59	-	-	-	-	-
25	-	-	-	-	107-109	-	-	-	-	60	-	-	-	-	-
26	-	-	-	-	110-112	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	113-115	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	116-119	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 13:4–13:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	65	41-42	27	27	88-90	61-62	26	34	38	46-47	37	132-133	30	33	-
19	66	43	28	28	91-93	63-64	27	-	39	48-49	-	134-136	31	34	24
20	67	44	29	-	94-96	65-66	28	35	40	50-51	38	-	32	-	-
21	68	-	30	-	97-99	67-68	29	-	41	52-53	-	-	-	-	-
22	-	-	31	-	100-102	-	30	-	-	54-55	-	-	33	-	-
23	-	-	32	-	103-105	-	-	-	42	56-57	-	-	-	-	-
24	-	-	-	-	106-108	-	-	-	-	58-59	-	-	-	-	-
25	-	-	-	-	109-111	-	-	-	-	60	-	-	-	-	-
26	-	-	-	-	112-114	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	115-117	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	118-119	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 13:8–13:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	65	41-42	27	27	89-91	61-62	26	34	38	46-47	37	132-133	30	33	-
19	66-67	43	28	28	92-94	63-64	27	-	39	48-49	-	134-136	31	34	24
20	68	44	29	-	95-97	65-66	28	35	40	50-51	38	-	32	-	-
21	-	-	30	-	98-100	67-68	29	-	41	52-53	-	-	-	-	-
22	-	-	31	-	101-103	-	30	-	-	54-55	-	-	33	-	-
23	-	-	32	-	104-106	-	-	-	42	56-57	-	-	-	-	-
24	-	-	-	-	107-109	-	-	-	-	58-59	-	-	-	-	-
25	-	-	-	-	110-112	-	-	-	-	60	-	-	-	-	-
26	-	-	-	-	113-115	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	116-118	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	119	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtests, Ages 14:0–14:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	65	42-43	28	27	91-93	63-64	27	34	39	48-49	-	133-134	31	33	24
19	66-67	44	29	28	94-96	65-66	28	-	40	50-51	38	135-136	32	34	-
20	68	-	30	-	97-99	67-68	29	35	41	52-53	-	-	-	-	-
21	-	-	31	-	100-102	-	30	-	-	54-55	-	-	33	-	-
22	-	-	32	-	103-105	-	-	-	42	56-57	-	-	-	-	-
23	-	-	-	-	106-108	-	-	-	-	58-59	-	-	-	-	-
24	-	-	-	-	109-111	-	-	-	-	60	-	-	-	-	-
25	-	-	-	-	112-114	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	115-117	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	118-119	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtests, Ages 14:4–14:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	66	42-43	28	27	93-95	63-64	27	34	39	48-49	-	133-134	31	33	24
19	67	44	29	28	96-98	65-66	28	-	40	50-51	38	135-136	32	34	-
20	68	-	30	-	99-101	67-68	29	35	41	52-53	-	-	-	-	-
21	-	-	31	-	102-104	-	30	-	-	54-55	-	-	33	-	-
22	-	-	32	-	105-107	-	-	-	42	56-57	-	-	-	-	-
23	-	-	-	-	108-110	-	-	-	-	58-59	-	-	-	-	-
24	-	-	-	-	111-113	-	-	-	-	60	-	-	-	-	-
25	-	-	-	-	114-116	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	117-119	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtests, Ages 14:8–14:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	66	42-43	28	27	95-97	64-65	27	34	39-40	48-49	-	133-134	31	33	24
19	67	44	29	28	98-100	66-67	28	-	41	50-51	38	135-136	32	34	-
20	68	-	30	-	101-103	68	29	35	42	52-53	-	-	-	-	-
21	-	-	31	-	104-106	-	30	-	-	54-55	-	-	33	-	-
22	-	-	32	-	107-109	-	-	-	-	56-57	-	-	-	-	-
23	-	-	-	-	110-112	-	-	-	-	58-59	-	-	-	-	-
24	-	-	-	-	113-115	-	-	-	-	60	-	-	-	-	-
25	-	-	-	-	116-118	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	119	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 15:0–15:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	66	43	29	27	97–99	65–66	27	34	40	50–51	–	134–135	32	–	24
19	67	44	30	28	100–102	67–68	28	–	41	52–53	38	136	–	34	–
20	68	–	31	–	103–105	–	29	35	42	54–55	–	–	33	–	–
21	–	–	32	–	106–108	–	30	–	–	56–57	–	–	–	–	–
22	–	–	–	–	109–111	–	–	–	–	58–59	–	–	–	–	–
23	–	–	–	–	112–114	–	–	–	–	60	–	–	–	–	–
24	–	–	–	–	115–117	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	118–119	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 15:4–15:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	66	43	29	27	99–101	66–67	27	34	41	51–52	–	134–135	32	–	24
19	67	44	30	28	102–104	68	28	–	42	53–54	38	136	–	34	–
20	68	–	31	–	105–107	–	29	35	–	55–56	–	–	33	–	–
21	–	–	32	–	108–110	–	30	–	–	57–58	–	–	–	–	–
22	–	–	–	–	111–113	–	–	–	–	59–60	–	–	–	–	–
23	–	–	–	–	114–116	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	117–119	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 15:8–15:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	66	43	29	27	100–102	66–67	27	34	41	51–52	–	134–135	32	–	24
19	67	44	30	28	103–105	68	28	–	42	53–54	38	136	–	34	–
20	68	–	31	–	106–108	–	29	35	–	55–56	–	–	33	–	–
21	–	–	32	–	109–111	–	30	–	–	57–58	–	–	–	–	–
22	–	–	–	–	112–114	–	–	–	–	59–60	–	–	–	–	–
23	–	–	–	–	115–117	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	118–119	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 16:0–16:3

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	67	43	29	27	102–104	67	28	–	41	52–53	–	135	–	–	–
19	68	44	30	28	105–107	68	29	35	42	54–55	38	136	33	34	–
20	–	–	31	–	108–110	–	30	–	–	56–57	–	–	–	–	–
21	–	–	32	–	111–113	–	–	–	–	58–59	–	–	–	–	–
22	–	–	–	–	114–116	–	–	–	–	60	–	–	–	–	–
23	–	–	–	–	117–119	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 16:4–16:7

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	67	43	29	27	102–104	67	28	–	41	52–53	–	135	–	–	–
19	68	44	30	28	105–107	68	29	35	42	54–55	38	136	33	34	–
20	–	–	31	–	108–110	–	30	–	–	56–57	–	–	–	–	–
21	–	–	32	–	111–113	–	–	–	–	58–59	–	–	–	–	–
22	–	–	–	–	114–116	–	–	–	–	60	–	–	–	–	–
23	–	–	–	–	117–119	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table A.1 Scaled Score Equivalents of Total Raw Scores for Subtest, Ages 16:8–16:11

Standard Score	BD	SI	DS	PCn	CD	VC	LN	MR	CO	SS	PCm	CA	IN	AR	WR
18	67	43	29	27	102–104	67	28	–	41	52–53	–	135	–	–	–
19	68	44	30	28	105–107	68	29	35	42	54–55	38	136	33	34	–
20	–	–	31	–	108–110	–	30	–	–	56–57	–	–	–	–	–
21	–	–	32	–	111–113	–	–	–	–	58–59	–	–	–	–	–
22	–	–	–	–	114–116	–	–	–	–	60	–	–	–	–	–
23	–	–	–	–	117–119	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

WISC-4 Extended Norms—GAI Equivalents of Sum of Scaled Scores				
GAI Sum	GAI	90% CI	95% CI	Percentile
100	150	143–153	142–154	>99.9
101	151	144–154	143–155	>99.9
102	152	145–155	144–156	>99.9
103	153	146–156	145–157	>99.9
104	155	148–158	147–158	>99.9
105	156	149–158	148–159	>99.9
106	157	150–159	149–160	>99.9
107	158	151–160	150–161	>99.9
108	160	153–162	152–163	>99.9
109	161	154–163	153–164	>99.9
110	162	155–164	154–165	>99.9
111	163	156–165	155–166	>99.9
112	165	158–167	157–168	>99.9
113	166	159–168	158–169	>99.9
114	167	160–169	159–170	>99.9
115	168	161–170	160–171	>99.9
116	170	162–172	162–173	>99.9
117	171	163–173	163–174	>99.9
118	173	165–175	164–176	>99.9
119	174	166–176	165–177	>99.9
120	175	167–177	166–178	>99.9
121	176	168–178	167–179	>99.9
122	178	170–180	169–181	>99.9
123	179	171–181	170–181	>99.9
124	180	172–182	171–182	>99.9
125	181	173–182	172–183	>99.9
126	183	175–184	174–185	>99.9
127	184	176–185	175–186	>99.9
128	185	177–186	176–187	>99.9
129	186	178–187	177–188	>99.9
130	188	180–189	179–190	>99.9
131	189	181–190	180–191	>99.9
132	190	182–191	181–192	>99.9
133	191	183–192	182–193	>99.9
134	193	185–194	184–195	>99.9
135	194	186–195	185–196	>99.9
136	195	186–196	186–197	>99.9
137	196	187–197	187–198	>99.9
138	198	189–199	188–200	>99.9
139	199	190–200	189–201	>99.9
140	200	191–201	190–202	>99.9
141	201	192–202	191–203	>99.9
142	203	194–204	193–205	>99.9
143	204	195–205	194–205	>99.9
144	205	196–206	195–206	>99.9
145	206	197–206	196–207	>99.9
146	208	199–208	198–209	>99.9
147	209	200–209	199–210	>99.9
148–168	210	201–210	200–211	>99.9

WISC-4 Extended Norms—FSIQ Equivalents of Sum of Scaled Scores				
FSIQ Sum	FSIQ	90% CI	95% CI	Percentile
167	150	144–153	144–153	>99.9
168	150	144–153	144–153	>99.9
169	151	145–154	145–154	>99.9
170	151	145–154	145–154	>99.9
171	152	146–155	146–155	>99.9
172	153	147–156	146–156	>99.9
173	154	148–157	147–157	>99.9
174	154	148–157	147–157	>99.9
175	155	149–157	148–158	>99.9
176	156	150–158	149–159	>99.9
177	157	151–159	150–160	>99.9
178	157	151–159	150–160	>99.9
179	158	152–160	151–161	>99.9
180	159	153–161	152–162	>99.9
181	160	154–162	153–163	>99.9
182	160	154–162	153–163	>99.9
183	161	155–163	154–164	>99.9
184	162	156–164	155–165	>99.9
185	163	157–165	156–166	>99.9
186	164	158–166	157–167	>99.9
187	164	158–166	157–167	>99.9
188	165	159–167	158–168	>99.9
189	166	160–168	159–169	>99.9
190	167	161–169	160–170	>99.9
191	168	162–170	161–171	>99.9
192	169	163–171	162–172	>99.9
193	169	163–171	162–172	>99.9
194	170	164–172	163–173	>99.9
195	171	165–173	164–174	>99.9
196	172	166–174	165–175	>99.9
197	172	166–174	165–175	>99.9
198	173	167–175	166–176	>99.9
199	174	168–176	167–177	>99.9
200	175	169–177	168–178	>99.9
201	175	169–177	168–178	>99.9
202	176	170–178	169–179	>99.9
203	177	171–179	170–180	>99.9
204	178	172–180	171–181	>99.9
205	178	172–180	171–181	>99.9
206	179	172–181	172–182	>99.9
207	180	173–182	173–183	>99.9
208	181	174–183	174–184	>99.9
209	181	174–183	174–184	>99.9
210	182	175–184	175–184	>99.9
211	183	176–185	176–185	>99.9
212	184	177–186	177–186	>99.9
213	184	177–186	177–186	>99.9
214	185	178–187	178–187	>99.9
215	186	179–188	178–188	>99.9

WISC-4 Extended Norms—FSIQ Equivalents of Sum of Scaled Scores continued				
FSIQ Sum	FSIQ	90% CI	95% CI	Percentile
216	187	180–189	179–189	>99.9
217	187	180–189	179–189	>99.9
218	188	181–190	180–190	>99.9
219	189	182–190	181–191	>99.9
220	190	183–191	182–192	>99.9
221	190	183–191	182–192	>99.9
222	191	184–192	183–193	>99.9
223	192	185–193	184–194	>99.9
224	193	186–194	185–195	>99.9
225	193	186–194	185–195	>99.9
226	194	187–195	186–196	>99.9
227	195	188–196	187–197	>99.9
228	196	189–197	188–198	>99.9
229	196	189–197	188–198	>99.9
230	197	190–198	189–199	>99.9
231	198	191–199	190–200	>99.9
232	199	192–200	191–201	>99.9
233	199	192–200	191–201	>99.9
234	200	193–201	192–202	>99.9
235	201	194–202	193–203	>99.9
236	202	195–203	194–204	>99.9
237	202	195–203	194–204	>99.9
238	203	196–204	195–205	>99.9
239	204	197–205	196–206	>99.9
240	205	198–206	197–207	>99.9
241	205	198–206	197–207	>99.9
242	206	199–207	198–208	>99.9
243	207	200–208	199–209	>99.9
244	208	201–209	200–210	>99.9
245	208	201–209	200–210	>99.9
246	209	202–210	201–211	>99.9
247–280	210	203–211	202–212	>99.9

WISC-4 Extended Norms—VCI Equivalents of Sum of Scaled Scores				
Sum of SS	VCI	90% CI	95% CI	Percentile
55	150	141–153	140–154	>99.9
56	152	143–155	142–156	>99.9
57	155	146–157	145–158	>99.9
58	158	149–160	148–161	>99.9
59	160	151–162	150–163	>99.9
60	162	153–164	152–165	>99.9
61	164	154–166	153–167	>99.9
62	166	156–168	155–169	>99.9
63	168	158–170	157–171	>99.9
64	170	160–171	159–173	>99.9
65	172	162–173	161–174	>99.9
66	174	164–175	163–176	>99.9
67	176	166–177	165–178	>99.9
68	178	168–179	167–180	>99.9
69	180	170–181	168–182	>99.9
70	182	171–183	170–184	>99.9
71	184	173–185	172–186	>99.9
72	186	175–187	174–188	>99.9
73	188	177–188	176–189	>99.9
74	190	179–190	178–191	>99.9
75	192	181–192	180–193	>99.9
76	194	183–194	182–195	>99.9
77	196	185–196	183–197	>99.9
78	198	186–198	185–199	>99.9
79	200	188–200	187–201	>99.9
80	202	190–202	189–203	>99.9
81	204	192–203	191–205	>99.9
82	206	194–205	193–206	>99.9
83	208	196–207	195–208	>99.9
84	210	198–209	197–210	>99.9

WISC-4 Extended Norms—PRI Equivalents of Sum of Scaled Scores				
Sum of SS	PRI	90% CI	95% CI	Percentile
55	151	140–153	139–155	>99.9
56	153	142–155	141–156	>99.9
57	155	144–157	143–158	>99.9
58	157	146–159	145–160	>99.9
59	159	148–161	147–162	>99.9
60	161	150–163	148–164	>99.9
61	163	152–164	150–166	>99.9
62	165	153–166	152–167	>99.9
63	167	155–168	154–169	>99.9
64	169	157–170	156–171	>99.9
65	171	159–172	158–173	>99.9
66	173	161–174	160–175	>99.9
67	175	163–175	161–177	>99.9
68	177	164–177	163–178	>99.9
69	179	166–179	165–180	>99.9
70	181	168–181	167–182	>99.9
71	183	170–183	169–184	>99.9
72	185	172–185	171–186	>99.9
73	187	174–186	172–188	>99.9
74	189	175–188	174–190	>99.9
75	191	177–190	176–191	>99.9
76	193	179–192	178–193	>99.9
77	195	181–194	180–195	>99.9
78	197	183–196	182–197	>99.9
79	199	185–198	183–199	>99.9
80	201	186–199	185–201	>99.9
81	203	188–201	187–202	>99.9
82	205	190–203	189–204	>99.9
83	207	192–205	191–206	>99.9
84	210	195–208	194–209	>99.9

WISC-4 Extended Norms—WMI Equivalents of Sum of Scaled Scores				
Sum of SS	WMI	90% CI	95% CI	Percentile
37	150	140–152	138–154	>99.9
38	152	141–154	140–155	>99.9
39	155	144–157	143–158	>99.9
40	158	147–160	146–161	>99.9
41	161	150–163	148–164	>99.9
42	165	153–166	152–167	>99.9
43	168	156–169	155–170	>99.9
44	171	159–172	158–173	>99.9
45	174	162–175	160–176	>99.9
46	177	164–177	163–178	>99.9
47	180	167–180	166–181	>99.9
48	184	171–184	170–185	>99.9
49	187	174–186	172–188	>99.9
50	190	176–189	175–190	>99.9
51	194	180–193	179–194	>99.9
52	197	183–196	182–197	>99.9
53	200	186–198	184–200	>99.9
54	204	189–202	188–203	>99.9
55	207	192–205	191–206	>99.9
56	210	195–208	194–209	>99.9

WISC-4 Extended Norms—PSI Equivalents of Sum of Scaled Scores				
Sum of SS	PSI	90% CI	95% CI	Percentile
38	150	136–152	135–153	>99.9
39	154	140–155	139–156	>99.9
40	157	143–158	141–159	>99.9
41	160	145–160	144–162	>99.9
42	164	149–164	147–165	>99.9
43	167	151–166	150–168	>99.9
44	170	154–169	153–171	>99.9
45	174	158–173	156–174	>99.9
46	177	160–175	159–177	>99.9
47	180	163–178	161–179	>99.9
48	184	166–181	165–183	>99.9
49	187	169–184	168–186	>99.9
50	190	172–187	170–188	>99.9
51	194	175–190	174–192	>99.9
52	197	178–193	176–194	>99.9
53	200	180–196	179–197	>99.9
54	204	184–199	183–200	>99.9
55	207	187–202	185–203	>99.9
56	210	189–204	188–206	>99.9

