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Cognitive Abilities Test™ **FORM 7**

Norms and Score Conversions Guide

Version 2

CogAT®

CogAT® FORM 7

Norms and Score
Conversions Guide

Version 2

Cognitive Abilities Test™

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RIVERSIDE



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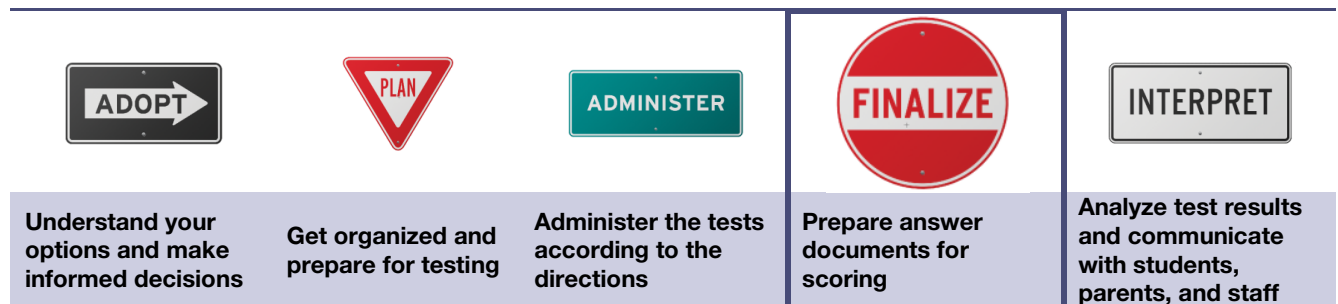
About This Guide

Purpose

The *Norms and Score Conversions Guide* provides information relevant to teachers and staff who hand score the *Cognitive Abilities Test™ (CogAT®)* Form 7. The guide enables you to complete the following conversions.

Use this score...	To convert to this score...
Battery raw scores	Universal Scale Scores
Battery Universal Scale Scores	Composite Universal Scale Scores
Battery and composite Universal Scale Scores	Standard age scores Age or grade percentile ranks Age or grade stanines Normal Curve Equivalents

This guide focuses on activities that occur in the Finalize phase of the assessment life cycle.



Getting More Help

For More Information

If you need help beyond the information provided in this guide, please use the following resources:

- Your Riverside Assessment Consultant
- Riverside Customer Service
E-mail: RPC_Customer_Service@hnhco.com
TEL: 800-323-9540
- CogAT online at www.riverpub.com/products/cogAT7/learnmore.html

In Brief

This section summarizes the process for obtaining normative scores when the *Cognitive Abilities Test (CogAT)* is hand scored.

Overview of the Score Conversion Process

Step 1: Complete Hand Scoring

Hand score CogAT using the Form 7 *Scoring Key* that corresponds to the test level you administered. After hand scoring, you will have:

- a raw score for each subtest and battery
- the number of items attempted for each subtest and battery

In addition to the raw score and number of items attempted for each subtest and battery, you will also need the test administration date and the student's birth date.

Step 2: Determine Whether Raw Scores Are Meaningful

You should use only meaningful raw scores to obtain normative scores, composite scores, score warnings, and interpretative information. The section "Identifying Too Few Items Attempted" in Part 2 of this guide provides guidance for determining whether a student attempted enough items on each subtest to yield a meaningful raw score for each battery.

Step 3: Convert Raw Scores into Universal Scale Scores

Part 3 of this guide, beginning on page 7, provides instructions for converting battery raw scores into Universal Scale Scores (USS). If desired, you can average Universal Scale Scores for batteries to obtain three different partial composite Universal Scale Scores (Verbal-Quantitative [VQ], Verbal-Nonverbal [VN], or Quantitative-Nonverbal [QN]) and an overall composite Universal Scale Score (Verbal-Quantitative-Nonverbal [VQN]).

Step 4: Convert Universal Scale Scores to Normative Scores

You can convert each battery-level USS or composite USS to:

- age-normed scores, including standard age scores, age percentile ranks, and age stanines
- grade-normed scores, including grade percentile ranks and grade stanines

Step 5: Prepare Normative Scores for Interpretation

Once you obtain normative scores, you can prepare to interpret them. See Part 4 of this guide, beginning on page 13, for further instructions on the following tasks.

1. Identify score warnings for:
 - targeted scores, which is a warning for very low scores that may be due to random guessing
 - many items omitted, which is a warning for students taking Level 9 or higher whose scores might be lower because they adopted an unusually slow, but accurate, response style
2. Determine Ability Profiles.

About the Alternative Verbal Battery Score

For students who take levels 5/6, 7, or 8, you may omit (or not score) the Sentence Completion subtest in the Verbal Battery. The purpose of this modification with English language learners is to reduce the impact that their limited experience with English has on the measurement of their reasoning abilities.

When calculating an alternative Verbal Battery score, use Norms Table 2 to obtain the Verbal USS. For all other conversions and computations, such as obtaining age-normed scores, follow the same procedure as the standard three-subtest Verbal Battery score. You can still calculate score warnings and Ability Profiles.

Identifying Too Few Items Attempted

A student must attempt enough items on all three subtests of a battery in order to have a meaningful raw score. If you are calculating an alternative Verbal Battery score for levels 5/6–8, the student must have attempted enough items on **both** the Picture Analogies and Picture Classification subtests in order to have a meaningful battery raw score.

To identify batteries with too few items attempted:

1. Use the following tables to determine whether a battery raw score is meaningful.
2. If the number of items attempted for any one of the subtests within a battery is below the minimum number of items attempted, mark the battery raw score with a pound sign (#).

Minimum Number of Items Attempted, Levels 5/6–8

Battery	Subtest	Minimum Number of Items Attempted		
		Level 5/6	Level 7	Level 8
Verbal	Picture Analogies	7	8	9
	Sentence Completion	7	8	9
	Picture Classification	7	8	9
Quantitative	Number Analogies	7	8	9
	Number Puzzles	5	6	7
	Number Series	7	8	9
Nonverbal	Figure Matrices	7	8	9
	Paper Folding	5	6	8
	Figure Classification	7	8	9

Minimum Number of Items Attempted, Levels 9–17/18

Battery	Subtest	Minimum Number of items Attempted	
		Level 9	Levels 10–17/18
Verbal	Verbal Analogies	8	8
	Sentence Completion	7	7
	Verbal Classification	7	7
Quantitative	Number Analogies	6	6
	Number Puzzles	6	6
	Number Series	6	6
Nonverbal	Figure Matrices	7	8
	Paper Folding	6	6
	Figure Classification	7	8

Example 1: Level 9 Quantitative Battery

- A student marked the following answers:
 - 6 of 18 items on Number Analogies
 - 10 of 16 items on Number Puzzles
 - 12 of 18 items on Number Series
- The student met the minimum number of items attempted for Number Analogies (6 = 6), Number Puzzles (10 > 6), and Number Series (12 > 6). The battery raw score is meaningful.

Example 2: Level 8 Verbal Battery

- A student marked the following answers:
 - 18 of 18 items on Picture Analogies
 - 10 of 18 items on Sentence Completion
 - 4 of 18 items on Picture Classification
- The student met the minimum number of items attempted for Picture Analogies ($18 > 9$) and Sentence Completion ($10 > 9$) but not for Picture Classification ($4 < 9$). Place a pound sign (#) next to Picture Classification to indicate **Too Few Items Attempted**; the Verbal Battery raw score is not meaningful.

Example 3: Level 8 Verbal Battery, Alternative Verbal Battery Score

- A student marked the following answers:
 - 18 of 18 items on Picture Analogies
 - Sentence Completion test omitted (or not scored)
 - 4 of 18 items on Picture Classification
- The student met the minimum number of items attempted for Picture Analogies ($18 > 9$) but not for Picture Classification ($4 < 9$).
 - The student did not answer the minimum number of items on all three tests; therefore, the Verbal Battery score is not meaningful.
 - The student did not answer the minimum number of items on both the Picture Analogies and Picture Classification tests; therefore, the alternative Verbal Battery raw score also is not meaningful.

Example 4: Level 7 Verbal Battery

- A student marked the following answers:
 - 9 of 16 items on Picture Analogies
 - 6 of 16 items on Sentence Completion
 - 12 of 16 items on Picture Classification
- The student met the minimum number of items attempted for Picture Analogies ($9 > 8$) and Picture Classification ($12 > 8$) but not for Sentence Completion ($6 < 8$). Place a pound sign (#) next to Sentence Completion to indicate **Too Few Items Attempted**; the Verbal Battery raw score is not meaningful. However, the school could opt for the alternative Verbal Battery scoring in this case.

In Brief

This section provides instructions on how to convert a student's battery raw score to:

- Universal Scale Scores
- age-normed scores
- grade-normed scores

This section also provides instruction on calculating composite scores, including a partial composite for any pair of *CogAT* batteries.

Converting Raw Scores to Universal Scale Scores

A raw score is the number of questions a student answers correctly on a test. Battery raw scores must be converted into Universal Scale Scores (USS). The USS serves as the entry score for all age and grade norm tables. Universal Scale Scores for batteries can also be averaged to obtain three different partial composite Universal Scale Scores (Verbal-Quantitative [VQ], Verbal-Nonverbal [VN], or Quantitative-Nonverbal [QN]) and an overall composite Universal Scale Score (Verbal-Quantitative-Nonverbal [VQN]).

Only a meaningful battery raw score can be converted into a Universal Scale Score. See “Identifying Too Few Items Attempted” on page 4 for more information.

To determine the USS for each battery:

1. For each battery, locate the student's raw score in the following norm tables:
 - Verbal Battery: Table 1
 - Verbal Battery, Alternative Verbal Score: Table 2
 - Quantitative Battery: Table 7
 - Nonverbal Battery: Table 12
2. Place a straightedge under this raw score.
3. Locate the appropriate *CogAT* level column and read the number appearing above the straightedge in this column; this is the USS. For example:
 - A student took Level 11 of *CogAT* and obtained the following raw scores—Verbal 48, Quantitative 41, and Nonverbal 51.
 - The student's USS for each battery is Verbal 241 (Table 1), Quantitative 240 (Table 7), and Nonverbal 273 (Table 12).
4. Record the USS for each battery.

To calculate the USS for a partial and/or overall composite:

1. Average the student's Universal Scale Scores for the two batteries (if calculating a partial composite) or three batteries (if calculating the overall composite).

Rounding—If the decimal in the quotient is greater than 0.5, round up the USS; if less than 0.5, round down the USS; if the decimal is exactly 0.5, round the USS to the nearest even integer.

2. Record the USS for the composite.

Example 1: Calculating a Partial Composite

- A student earned the following Universal Scale Scores on the three batteries—Verbal 227, Quantitative 223, and Nonverbal 230.
- The student's USS for a partial composite score, using the Quantitative and Nonverbal batteries (QN), computes as follows: $223 + 230 = 453$; $453 \div 2 = 226.5$ (or 226).

Example 2: Calculating an Overall Composite

- A student earned the following Universal Scale Scores on the three batteries—Verbal 227, Quantitative 223, and Nonverbal 230.
- The student's USS for the overall (VQN) composite computes as follows:
 $227 + 223 + 230 = 680$; $680 \div 3 = 226.67$ (or 227).

Obtaining Age-Normed Scores

Age-normed scores for *CogAT* compare the performance of a student with that of his or her same-age peers. *CogAT* age norms are available for all students within the age range of 4 years 11 months to 21 years 7 months. You can obtain three unique age-normed scores for each student—standard age score (SAS), age percentile rank (PR), and age stanine (S)—by completing the following steps (converting age-normed scores to Normal Curve Equivalents [NCE] is also possible as a reporting option for schools that wish to report NCEs).

Standard age scores reported by Riverside Scoring Service™ may differ slightly from standard age scores obtained from this guide. Riverside Scoring Service uses a much larger table in which ages are grouped in one-month intervals, rather than in three-month intervals as in this guide. If you need more accurate standard age scores, you can interpolate between entries for a student whose age does not fall at the midpoint of the three-month interval.

To obtain the standard age scores:

1. Collect the following:
 - student's age in years and months **at the time of testing**
 - student's USS for each battery, partial composite, and/or overall composite
 - the following norms tables:
 - Table 3: Universal Scale Score to Standard Age Score: Verbal
 - Table 8: Universal Scale Score to Standard Age Score: Quantitative
 - Table 13: Universal Scale Score to Standard Age Score: Nonverbal

For composite scores use:

- Table 17: Universal Scale Score to Standard Age Score: Composite (VQN)
 - Table 21: Universal Scale Score to Standard Age Score (VQ)
 - Table 25: Universal Scale Score to Standard Age Score (VN)
 - Table 29: Universal Scale Score to Standard Age Score (QN)
2. Locate the age column that corresponds to the student's age at the time of testing. Read down the age column to locate the USS the student obtained on the battery or composite. Note: Each age column covers a three-month age span; use the age column that is within one month of the student's age.
 3. Place a straightedge under the row containing that score.
 4. Read the number appearing just above the straightedge in each outside column; this is the student's SAS.
 5. Record the SAS for each battery and the composite for each student.

Example:

- A student, age 7 years 1 month at time of testing, received the following Universal Scale Scores:
 - Verbal Battery USS: 172
 - Quantitative Battery USS: 157
 - Nonverbal Battery USS: 197
 - VQN Composite USS: 175
- The student received the following standard age scores as indicated by the table below:

Obtained USS	Norms Tables to Use	SAS
Verbal	Table 3	108
Quantitative	Table 8	96
Nonverbal	Table 13	121
Composite	Table 17	111

To convert SAS to age percentile rank, NCE, and age stanine:

1. Collect the following:
 - student's SAS for the battery, composite, and/or partial composite for which you want to obtain a percentile rank, NCE, or age stanine
 - Table 33: Percentile Ranks, NCEs, and Stanine Equivalents of Standard Age Scores
2. Locate the student's SAS and read across the row to identify the age percentile rank, NCE, or age stanine.

- Record the age percentile rank, NCE, and age stanine for each battery, partial composite, and/or overall composite.

Example:

- A student received an SAS of 118 on the overall composite.
- The student's age percentile rank is 87 and age stanine is 7 on the overall composite. The corresponding NCE is 74.

Obtaining Grade Scores

CogAT grade-normed scores compare the performance of a particular student with that of his or her grade peers. You can obtain the grade scores for each student—grade percentile ranks and grade stanines—by completing the following steps.

To obtain grade percentile ranks:

Collect the following:

- student's USS
- grade placement at the time of testing
- month *CogAT* was administered

Use the following table to determine which norms table to reference based on the time of testing.

Obtained USS	Aug–Nov Fall	Dec–Feb Mid-year	Mar–July Spring
Verbal	Table 4	Table 5	Table 6
Quantitative	Table 9	Table 10	Table 11
Nonverbal	Table 14	Table 15	Table 16
Composite	Table 18	Table 19	Table 20

- For these tables, locate the column that represents the student's grade at the time of the *CogAT* administration. Read down the column to identify the USS.
- Identify the percentile rank equivalent of that USS in the column titled **Percentile Rank**.
- Record the grade percentile rank for each battery and the composite for each student.

Example:

- A student completed the *CogAT* in October of Grade 1 and received a USS of 155 on the Quantitative Battery.
- In Table 9 a USS of 155 corresponds to a percentile rank of 46 in the fall of Grade 1.

To convert grade percentile ranks to grade stanines:

1. Obtain the student's grade percentile rank for each battery and the composite.
2. Locate the student's grade percentile rank in the column titled **Percentile Rank** in the table below. Read across the row to the column titled **Stanine** to find the grade stanine.

Percentile Rank	Stanine
96–99	9
89–95	8
77–88	7
60–76	6
41–59	5
24–40	4
12–23	3
5–11	2
1–4	1

3. Record the grade stanine for each battery and composite.

Example:

- A student received a grade percentile rank of 67 on the Nonverbal Battery.
- The student's percentile rank of 67 corresponds to a stanine of 6.

Calculating Partial Composites (Optional)

A partial composite can be computed for any pair of *CogAT* batteries—Verbal and Quantitative (VQ), Verbal and Nonverbal (VN), or Quantitative and Nonverbal (QN). The Quantitative and Nonverbal (QN) partial composite can be used for talent identification, especially at Level 9 and higher.

To calculate a partial composite:

1. Obtain the USS for each battery in the partial composite.
2. Average the Universal Scale Scores for the two batteries. The result is a USS for the partial composite.
3. Convert the USS for the partial composite to SAS and grade percentile ranks by using the partial composite norm tables in this guide. Use the table below to determine which age and grade norm tables to use.

Obtained USS	SAS Table	Aug-Nov Fall	Dec-Feb Mid-year	Mar-July Spring
VQ	Table 21	Table 22	Table 23	Table 24
VN	Table 25	Table 26	Table 27	Table 28
QN	Table 29	Table 30	Table 31	Table 32

4. Use Table 33 to convert the partial composite SAS to age percentile ranks and age stanines.
5. Use the table on page 11 to convert grade percentile ranks to grade stanines.

Example:

A scorer wants to calculate a partial composite based on the Verbal and Quantitative Batteries (VQ) for a student who obtained a USS of 205 on the Verbal Battery and a USS of 217 on the Quantitative Battery. The student was in Grade 4 and age was 9 years 10 months at the time of the spring test administration.

- The scorer computes the partial composite VQ to be a USS of 211 ($205 + 217 = 422$; $422 \div 2 = 211$).
- A VQ composite USS of 211 converts to an SAS of 110 for a student 9 years 10 months and to a spring Grade 4 percentile rank of 67.
- The VQ age percentile rank corresponding to an SAS of 110 is 73; the age stanine is 6.
- The grade stanine corresponding to a grade percentile rank of 67 is 6.

In Brief

Once you have the normative scores, you can prepare to interpret them. This section provides instructions on computing two score warnings: identifying targeted (chance-level) scores and identifying scores for students who may have worked much more slowly than other students. When the Riverside Scoring Service scores tests, it provides other important warnings that cannot be computed by hand. Instructions for estimating Ability Profiles are also provided in this section.

Identifying Targeted Scores

Students may receive very low raw scores that could have been obtained by random guessing. Before interpreting and using these scores, educators need to investigate possible reasons for each student's low performance. On *CogAT*, low scores that could have been obtained by responding randomly are called **targeted scores**. Follow the instructions below and identify targeted scores by placing a small dot (•) in front of the raw score. Note that the simplified procedures described here assume that the student attempted all of the items; when tests are scored by the Riverside Scoring Service, computations take into account the number of items of attempted.

To determine whether to target a score:

1. Obtain the raw score for the student on each battery.
2. Target all raw scores that are **less than** the following:

Battery	Level 5/6	Level 7	Level 8	Level 9	Levels 10–17/18
Verbal	15	17	17	13	13
Alternative Verbal	10	11	12	—	—
Quantitative	13	15	15	12	11
Nonverbal	13	15	16	13	13

3. Identify targeted scores by placing a small dot (•) in front of the raw score.

Example 1: Level 5/6

- A student marked answers to all 42 items on the Verbal Battery of Level 5/6 and obtained a raw score of 14.
- Target this battery's raw score (•14) because it is below the level of random responding.

Example 2: Levels 10–17/18

- A student marked answers to all 64 items on the Verbal Battery and obtained a raw score of 12.
- Target the raw score on this battery (•12) because it is below level of random responding.

Identifying Many Omitted Items

The tests at Level 9 and higher are timed. Scores for students who adopt an unusually slow, but accurate, response style may underestimate the cognitive development of the student. Follow the instructions below for each battery and identify these scores by placing a caret (^) in front of the raw score.

To identify students who omitted many items and may require a warning:

1. Obtain the battery raw score for test Level 9 or higher.
2. Count the number of items omitted on a battery.

If the number is...	Then...
Less than 10	No warning required
10 or more	Determine the percentage of attempted items answered correctly per battery. Do this by dividing the student's raw score by the number of items the student attempted. Multiply by 100. Continue with steps 3 and 4 below.

3. Use the following guidelines to determine and record warnings.

If the percentage of correctly marked items is...	Then...
Below 80%	Raw score is a good estimate of the student's level of cognitive development.
80% or more	Scores may underestimate the student's level of cognitive development. For these students, consider these scores minimum estimates of their levels of cognitive development.

4. Identify scores with many items omitted by placing a caret (^) in front of the battery raw score.

Example 1: Level 8

A student marked answers to 40 of the 50 items on the Quantitative Battery of Level 8 and obtained a raw score of 32.

- The student omitted at least 10 items on the Quantitative Battery ($50 - 40 = 10$).

- The student correctly answered 80.0 percent of the marked items ($32 \div 40 \times 100 = 0.80 \times 100 = 80\%$).
- The score for the student may be an underestimate of the student's quantitative reasoning ability. Identify with a score warning.

Example 2: Level 9

A student marked answers to 45 of the 56 items on the Nonverbal Battery of Level 9 and obtained a raw score of 30.

- The student omitted 11 items on the Nonverbal Battery ($56 - 45 = 11$).
- The student correctly answered 66.7 percent of the marked items ($30 \div 45 \times 100 = 0.667 \times 100 = 66.7\%$).
- The score for the student is probably a good estimate of the student's nonverbal reasoning ability, and no score warning is required.

Determining Ability Profiles

You can determine profiles only for students who attempted a sufficient number of items on each battery to obtain a meaningful score on all three CogAT batteries. A profile contains a number, a letter, and, if applicable, symbols in parentheses (e.g., **8B (Q-)**).

Note that computed Ability Profiles are only approximations to those that would be determined through the Riverside Scoring Service. For more information about Ability Profiles, including profile explanations, visit www.riverpub.com/products/cogAT7/learnmore.html.

To determine the Ability Profile for a student:

1. Obtain the standard age scores and age stanines for a student on all three batteries (V, Q, and N).
2. Identify the number designation of the Ability Profile by completing the following steps.
 - Rank the student's three age stanines from lowest to highest.
 - Record the middle age stanine score for the student. This is the number designation of the Ability Profile.
3. Identify the letter code for the Ability Profile by completing the following steps.
 - Rank the student's three standard age scores from highest to lowest.
 - Subtract the lowest SAS from the highest SAS to get the difference.

If the difference is...	The letter code for the Ability Profile is...
Less than 10 points	A : all scores are at roughly the sAme level
Between 10 and 23 points	Either B (one score is aBove or BBelow the two others—a relative strength or a relative weakness) or C (two scores Contrast—a relative strength and a relative weakness)
At least 24 points	E : there are EExtreme score differences—at least two SAS scores differ by at least 24 points

- If the difference is 10 to 23 points, then determine if the letter code represents a B profile or a C profile by plotting the three SAS scores using the sample graph on page 17. Plot the highest SAS score first and the lowest score last.
- Divide the difference between the highest and the lowest SAS scores into three approximately equal parts. The letter code is determined by the location of the middle score.

If the middle score falls within the...	The letter code is...
Top third, and one score is below the two others	B (the lowest score is a relative weakness)
Middle third	C (there is a contrast between the relative strength and weakness)
Bottom third, and one score is above the two others	B (the highest score is a relative strength)

- Follow this same procedure for those students identified as **E** profiles in order to determine the profile symbol (see step 4 below) that represents the relative strengths and weaknesses in symbolic form.

4. Determine the profile symbol.

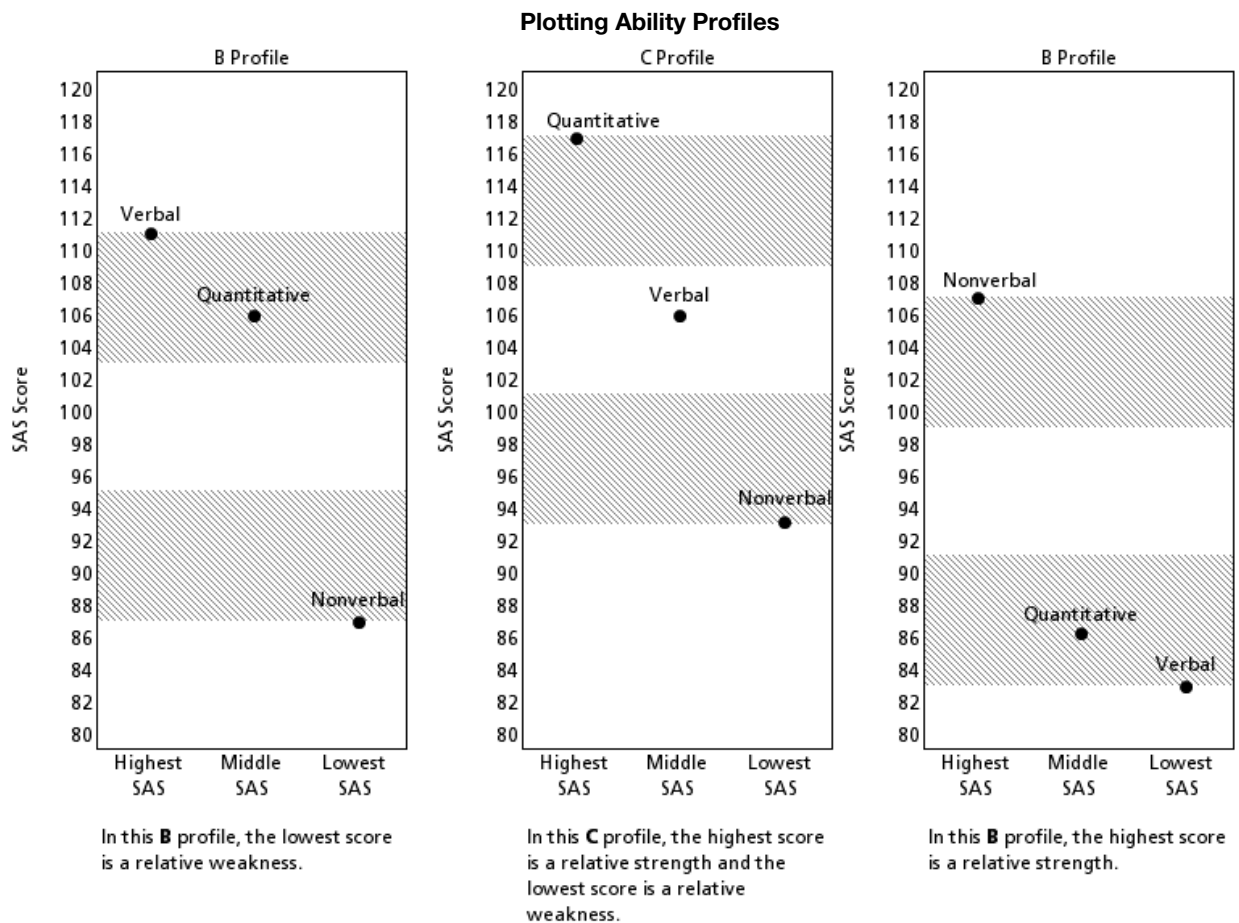
- The profile symbol is made up of a letter (or letters) indicating the appropriate battery (or batteries) coupled with either a plus or minus sign. The plus sign indicates a relative strength; the minus sign indicates a relative weakness. The profile symbol is enclosed in parentheses.
- Some examples of profile symbols are provided below:

Profile	Example
B	V+ means a relative strength on the Verbal Battery Q– indicates a relative weakness on the Quantitative Battery
C	V– N+ means a relative strength on the Nonverbal Battery coupled with a relative weakness on the Verbal Battery
E	E means at least two SAS scores differ by at least 24 points. E profiles can represent either an extreme B or an extreme C pattern

5. Compile the profile by combining the number, letter, and, if applicable, symbol(s) in parentheses.

Example:

- A student has SAS scores of 111, 106, and 87 in the Verbal, Quantitative, and Nonverbal batteries, respectively. The age stanines corresponding to these SAS scores are 6, 6, and 3.
- The age stanines in order from lowest to highest are 3, 6, and 6. The middle-ranked age stanine is 6, so the number for the Ability Profile is 6.
- The largest difference between the SAS values is 24 (111–87). Because this difference is 24 points, the Ability Profile letter is designated as **E**.
- Dividing the difference between the highest and lowest SAS values by 3 provides for three approximately equal score ranges: 87–95, 95–103, and 103–111. (Graph if necessary.) The middle SAS value (106) falls in the third (or top) interval, so the Nonverbal Battery SAS value is below both the Verbal and Quantitative scores and is considered a relative weakness (N–).
- The student therefore has an Ability Profile of 6 E (N–). The student's scores are shown in the first plot below.



Verbal Battery	22
Table 1: RS to USS, Complete Battery—Verbal	22
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Verbal Battery

Table 1: Raw Score to Universal Scale Score, Complete Battery—Verbal

Raw Score	Universal Scale Scores by Level										Raw Score
	5/6	7	8	9	10	11	12	13/14	15/16	17/18	
0	46	47	48	94	85	88	100	105	109	114	0
1	64	65	66	108	102	104	116	122	124	132	1
2	81	82	83	121	116	118	129	136	138	146	2
3	91	92	93	129	125	128	139	146	149	158	3
4	98	99	100	134	131	135	146	154	157	166	4
5	104	105	106	139	136	141	152	159	163	172	5
6	109	110	111	142	140	145	156	164	168	177	6
7	113	114	115	145	144	149	160	168	173	181	7
8	116	117	118	148	147	153	164	172	177	185	8
9	119	120	121	150	150	156	167	175	181	188	9
10	121	122	124	152	153	159	170	178	184	191	10
11	123	124	126	154	155	162	173	181	187	194	11
12	125	126	129	156	157	164	175	183	189	197	12
13	126	128	131	158	159	166	177	186	192	199	13
14	127	129	133	159	161	169	179	188	195	201	14
15	128	131	136	161	163	171	181	190	197	203	15
16	129	133	138	163	164	173	183	192	199	205	16
17	130	135	140	164	166	175	185	195	202	207	17
18	131	136	142	166	168	177	187	197	204	209	18
19	132	137	144	167	169	179	189	199	206	212	19
20	133	139	146	168	171	181	191	201	208	214	20
21	135	140	148	170	173	183	193	203	210	216	21
22	136	142	150	171	174	185	195	205	212	218	22
23	137	144	152	172	176	187	197	207	214	219	23
24	139	146	154	173	178	189	199	209	217	221	24
25	141	148	155	174	179	191	201	211	219	223	25
26	143	150	157	176	181	193	203	213	221	225	26
27	145	151	159	177	183	195	205	215	223	227	27
28	147	152	160	178	184	197	207	217	225	229	28
29	149	153	162	179	185	199	209	219	227	231	29
30	151	155	164	180	186	201	211	221	229	233	30
31	153	157	165	181	188	203	213	223	231	235	31
32	156	159	167	182	190	205	215	225	232	237	32
33	159	161	169	184	191	207	217	226	234	238	33
34	162	164	170	185	193	208	218	228	236	240	34
35	166	167	172	186	194	210	220	230	238	242	35
36	171	169	174	187	195	212	223	231	239	244	36
37	176	172	176	189	197	214	225	233	241	246	37
38	181	175	178	191	199	216	226	234	242	247	38
39	188	179	180	192	201	218	228	236	244	249	39
40	196	183	182	194	203	220	230	238	247	251	40
41	204	187	185	195	205	222	232	240	249	253	41
42	213	193	188	197	207	225	234	242	251	255	42
43		199	191	199	209	227	237	244	253	258	43
44		206	194	201	211	230	239	247	255	261	44
45		214	198	203	214	232	241	249	258	264	45
46		223	202	205	217	235	244	251	260	266	46
47		233	207	207	220	238	246	254	263	269	47
48		243	212	210	223	241	248	256	266	272	48
49			220	213	225	244	251	259	269	275	49
50			228	216	228	247	254	262	272	278	50
51			236	219	231	251	257	265	275	282	51
52			244	222	235	255	260	268	279	287	52
53			253	225	239	259	264	272	284	292	53
54			262	229	243	263	268	276	289	297	54

Raw Score	Universal Scale Scores by Level										Raw Score
	5/6	7	8	9	10	11	12	13/14	15/16	17/18	
55				234	248	268	272	281	294	302	55
56				239	253	273	276	286	299	307	56
57				245	258	279	281	293	305	313	57
58				251	264	285	288	300	312	320	58
59				258	271	292	295	308	320	328	59
60				266	278	299	303	316	328	336	60
61				275	286	307	311	325	336	344	61
62				285	294	316	320	335	344	353	62
63					303	326	330	345	353	362	63
64					313	336	341	355	363	372	64

Table 2: Raw Score to Universal Scale Score, Complete Battery—Alternative Verbal

Raw Score	Universal Scale Scores by Level			Raw Score
	5/6	7	8	
0	65	66	67	0
1	82	83	84	1
2	98	99	100	2
3	107	108	109	3
4	114	115	116	4
5	119	120	121	5
6	123	124	126	6
7	126	127	130	7
8	128	130	133	8
9	129	132	136	9
10	130	134	139	10
11	132	136	142	11
12	134	138	145	12
13	136	140	147	13
14	138	142	150	14
15	141	144	153	15
16	143	146	155	16
17	145	148	158	17
18	148	150	161	18
19	151	153	163	19
20	154	156	165	20
21	157	159	167	21
22	161	163	169	22
23	165	166	171	23
24	170	170	174	24
25	179	173	176	25
26	188	177	179	26
27	198	183	182	27
28	208	190	185	28
29		197	190	29
30		206	195	30
31		215	201	31
32		224	207	32
33			216	33
34			225	34
35			234	35
36			244	36

Table 3: Universal Scale Score to Standard Age Score—Verbal**Universal Scale Score to Standard Age Score: Verbal (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)**

SAS	Chronological Age													SAS
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	196+	203+	209+	216+	223+	229+	236+	242+	248+	254+	259+	265+	270+	160
159	195	202	208	214-215	221-222	228	235	241	247	253	258	263-264	268-269	159
158	194	201	207	213	220	227	233-234	240	245-246	251-252	256-257	261-262	266-267	158
157	193	200	206	212	219	226	232	238-239	244	250	255	260	265	157
156	192	199	205	211	218	225	231	237	243	248-249	253-254	258-259	263-264	156
155	191	198	204	210	217	224	230	236	241-242	247	252	257	261-262	155
154	190	197	203	209	216	222-223	228-229	234-235	240	245-246	250-251	255-256	260	154
153	---	196	202	208	215	221	227	233	238-239	244	249	253-254	258-259	153
152	189	195	201	207	214	220	226	232	237	242-243	247-248	252	256-257	152
151	188	194	200	206	213	219	225	230-231	236	241	246	250-251	255	151
150	187	193	198-199	204-205	211-212	217-218	223-224	229	234-235	239-240	244-245	248-249	253-254	150
149	186	192	197	203	210	216	222	227-228	232-233	237-238	242-243	247	251-252	149
148	184-185	190-191	195-196	201-202	208-209	215	220-221	226	231	236	241	245-246	249-250	148
147	183	189	194	199-200	206-207	213-214	219	224-225	229-230	234-235	239-240	243-244	248	147
146	182	187-188	192-193	198	205	212	217-218	223	228	232-233	237-238	242	246-247	146
145	180-181	186	191	196-197	203-204	211	216	221-222	226-227	231	235-236	240-241	244-245	145
144	179	184-185	189-190	195	202	209-210	215	220	225	229-230	234	238-239	242-243	144
143	178	183	188	193-194	200-201	208	213-214	218-219	223-224	228	232-233	237	241	143
142	177	181-182	186-187	191-192	199	206-207	212	217	222	227	231	235-236	239-240	142
141	176	180	184-185	190	197-198	205	210-211	216	220-221	225-226	229-230	233-234	237-238	141
140	174-175	178-179	183	189	196	204	209	214-215	219	223-224	228	232	236	140
139	173	177	182	187-188	195	202-203	207-208	212-213	217-218	222	226-227	230-231	234-235	139
138	172	176	181	186	193-194	200-201	206	211	216	220-221	224-225	228-229	232-233	138
137	171	175	180	185	192	199	204-205	209-210	214-215	218-219	222-223	226-227	230-231	137
136	170	174	179	183-184	190-191	197-198	203	208	212-213	217	221	224-225	228-229	136
135	169	173	178	182	189	196	201-202	206-207	210-211	215-216	219-220	223	226-227	135
134	168	172	176-177	181	187-188	194-195	199-200	204-205	209	213-214	217-218	221-222	224-225	134
133	167	171	175	179-180	186	192-193	197-198	202-203	207-208	211-212	215-216	219-220	223	133
132	166	170	174	178	184-185	191	196	200-201	205-206	209-210	213-214	217-218	221-222	132
131	165	169	172-173	177	183	189-190	194-195	199	203-204	207-208	211-212	215-216	219-220	131
130	164	167-168	171	175-176	181-182	188	192-193	197-198	201-202	206	210	213-214	217-218	130
129	163	166	170	174	180	186-187	191	196	200	204-205	208-209	212	216	129
128	161-162	165	168-169	173	179	185	189-190	194-195	198-199	203	207	210-211	214-215	128
127	160	163-164	167	171-172	177-178	183-184	188	193	197	201-202	205-206	209	213	127
126	159	162	166	170	176	182	187	191-192	196	200	204	208	211-212	126
125	158	161	165	169	175	181	185-186	190	194-195	198-199	202-203	206-207	210	125
124	157	160	164	168	173-174	179-180	184	188-189	193	197	201	205	208-209	124
123	156	159	163	166-167	172	178	183	187	191-192	195-196	199-200	203-204	207	123
122	155	158	162	165	171	177	181-182	186	190	194	198	202	205-206	122
121	154	157	161	164	170	176	180	184-185	189	193	197	200-201	204	121
120	153	156	160	163	169	174-175	179	183	187-188	191-192	195-196	199	203	120
119	152	155	159	162	168	173	177-178	182	186	190	194	198	201-202	119
118	151	154	158	161	166-167	172	176	180-181	184-185	188-189	192-193	196-197	200	118
117	150	153	157	160	165	171	175	179	183	187	191	195	198-199	117
116	149	152	156	159	164	169-170	174	178	182	186	190	193-194	197	116
115	148	151	155	158	163	168	172-173	176-177	180-181	184-185	188-189	192	196	115
114	147	---	154	---	162	167	171	175	179	183	187	191	195	114
113	---	150	153	157	161	166	170	174	178	182	186	190	193-194	113
112	146	149	152	156	160	165	169	173	177	181	185	188-189	192	112
111	145	148	151	155	159	164	168	172	176	180	183-184	187	191	111
110	---	147	150	154	158	163	167	171	175	178-179	182	186	190	110
109	144	---	149	153	157	162	166	170	173-174	177	181	185	188-189	109
108	143	146	---	152	156	161	165	168-169	172	176	180	183-184	187	108
107	---	145	148	151	155	160	163-164	167	171	175	178-179	182	186	107
106	142	144	147	150	154	159	162	166	170	173-174	177	181	184-185	106
105	---	---	---	149	153	158	161	165	169	172	176	180	183	105

SAS	Chronological Age													SAS
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
104	141	143	146	148	152	157	160	164	167-168	171	175	179	182	104
103	140	142	145	---	151	156	159	163	166	170	174	177-178	181	103
102	---	---	---	147	150	155	158	162	165	169	172-173	176	180	102
101	139	141	144	146	149	154	157	161	164	168	171	175	179	101
100	138	140	143	145	148	153	156	160	163	167	170	174	178	100
99	---	---	142	---	---	152	155	159	162	166	169	173	177	99
98	137	139	---	144	147	151	154	158	161	165	168	172	176	98
97	---	---	141	143	146	150	---	157	160	164	167	171	174-175	97
96	136	138	140	---	---	---	153	156	159	163	166	170	173	96
95	---	137	---	142	145	149	152	155	158	162	165	169	172	95
94	135	---	139	141	144	148	151	154	157	161	164	168	171	94
93	134	136	138	---	143	147	150	153	156	160	163	167	170	93
92	---	135	137	140	---	146	149	152	155	159	162	166	169	92
91	133	---	---	139	142	---	148	151	---	158	161	164-165	168	91
90	132	134	136	138	141	145	---	---	154	157	160	163	167	90
89	---	---	---	---	---	144	147	150	153	156	159	---	166	89
88	131	133	135	137	140	143	146	149	152	155	158	162	165	88
87	---	---	---	---	139	---	---	148	151	154	---	161	164	87
86	130	132	---	136	---	142	145	---	150	---	157	160	163	86
85	---	---	134	---	138	141	144	147	---	153	156	159	162	85
84	129	131	---	135	---	---	143	146	149	152	155	158	161	84
83	---	---	133	---	137	140	---	145	148	151	154	157	160	83
82	128	130	132	134	---	139	142	144	147	150	153	156	159	82
81	---	---	---	---	136	---	141	---	146	149	152	155	158	81
80	127	129	131	133	---	138	140	143	145	148	151	154	157	80
79	---	---	---	---	135	137	---	142	---	147	150	153	156	79
78	---	128	130	132	134	136	139	141	144	146	149	152	155	78
77	126	---	---	---	---	---	138	140	143	---	148	151	154	77
76	---	127	129	131	133	135	137	---	142	145	147	150	153	76
75	125	---	---	130	132	134	---	139	141	144	146	149	152	75
74	---	126	128	---	---	---	136	138	140	143	145	148	151	74
73	124	---	---	129	131	133	135	137	---	142	---	147	150	73
72	---	---	127	---	---	---	---	---	139	141	144	146	149	72
71	---	125	---	128	130	132	134	136	138	140	143	145	148	71
70	123	---	126	---	---	131	133	135	137	---	142	144	147	70
69	---	124	---	127	129	---	---	---	---	139	141	---	146	69
68	122	---	125	---	---	130	132	134	136	138	---	143	145	68
67	---	123	---	126	128	---	---	---	---	---	140	142	144	67
66	121	---	124	---	---	129	131	133	135	137	139	141	---	66
65	---	122	---	125	127	---	---	132	134	136	138	---	143	65
64	---	---	123	---	---	128	130	---	---	---	---	140	142	64
63	120	---	---	124	126	---	129	131	133	135	137	139	141	63
62	---	121	---	---	---	127	---	---	132	134	136	138	140	62
61	119	---	122	---	125	---	128	130	---	---	---	---	---	61
60	---	120	---	123	---	126	---	129	131	133	135	137	139	60
59	118	---	121	---	124	---	127	---	---	132	134	136	138	59
58	---	119	---	122	---	125	---	128	130	---	---	---	137	58
57	117	---	120	---	123	---	126	---	129	131	133	135	---	57
56	---	118	---	121	---	124	---	127	---	---	132	134	136	56
55	116	---	119	---	122	---	125	---	128	130	131	133	135	55
54	---	117	---	120	121	123	124	126	127	129	130	132	134	54
53	---	---	118	---	---	122	123	125	126	128	129	131	133	53
52	---	---	---	119	120	121	---	124	125	127	128	130	131-132	52
51	115	116	117	118	---	---	122	123	---	126	127	129	130	51
50	1-114	1-115	1-116	1-117	1-119	1-120	1-121	1-122	1-124	1-125	1-126	1-128	1-129	50

Universal Scale Score to Standard Age: Verbal (ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

SAS	Chronological Age													SAS
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	275+	279+	283+	288+	291+	295+	299+	302+	305+	308+	310+	313+	315+	160
159	273-274	277-278	282	286-287	289-290	293-294	297-298	300-301	303-304	306-307	308-309	311-312	313-314	159
158	271-272	275-276	280-281	284-285	287-288	291-292	294-296	298-299	301-302	304-305	306-307	309-310	311-312	158
157	269-270	274	278-279	282-283	285-286	289-290	292-293	296-297	299-300	301-303	304-305	307-308	309-310	157
156	267-268	272-273	276-277	280-281	284	287-288	290-291	294-295	297-298	299-300	302-303	304-306	307-308	156
155	266	270-271	274-275	278-279	282-283	285-286	288-289	292-293	294-296	297-298	300-301	302-303	305-306	155
154	264-265	268-269	272-273	276-277	280-281	283-284	286-287	290-291	293	295-296	298-299	300-301	303-304	154
153	262-263	266-267	270-271	274-275	278-279	281-282	285	288-289	291-292	293-294	296-297	298-299	301-302	153
152	261	265	269	272-273	276-277	279-280	283-284	286-287	289-290	291-292	294-295	297	299-300	152
151	259-260	263-264	267-268	271	274-275	277-278	281-282	284-285	287-288	289-290	292-293	295-296	297-298	151
150	257-258	261-262	265-266	269-270	272-273	276	279-280	282-283	285-286	288	290-291	293-294	295-296	150
149	255-256	259-260	263-264	267-268	270-271	274-275	277-278	280-281	283-284	286-287	288-289	291-292	293-294	149
148	254	258	261-262	265-266	269	272-273	275-276	278-279	281-282	284-285	287	289-290	291-292	148
147	252-253	256-257	260	263-264	267-268	270-271	273-274	276-277	279-280	282-283	285-286	287-288	290	147
146	250-251	254-255	258-259	261-262	265-266	268-269	272	275	278	280-281	283-284	285-286	288-289	146
145	248-249	252-253	256-257	260	263-264	266-267	270-271	273-274	276-277	278-279	281-282	284	286-287	145
144	246-247	250-251	254-255	258-259	261-262	264-265	268-269	271-272	273-275	276-277	279-280	281-283	284-285	144
143	245	249	252-253	256-257	259-260	262-263	265-267	268-270	271-272	274-275	277-278	279-280	282-283	143
142	243-244	247-248	250-251	254-255	257-258	260-261	263-264	266-267	269-270	272-273	274-276	277-278	279-281	142
141	241-242	245-246	248-249	252-253	255-256	258-259	261-262	264-265	267-268	270-271	272-273	275-276	277-278	141
140	239-240	243-244	247	250-251	253-254	256-257	259-260	262-263	265-266	268-269	270-271	273-274	275-276	140
139	238	241-242	245-246	248-249	251-252	254-255	257-258	260-261	263-264	266-267	268-269	271-272	273-274	139
138	236-237	239-240	243-244	246-247	249-250	252-253	255-256	258-259	261-262	264-265	266-267	269-270	271-272	138
137	234-235	237-238	241-242	244-245	247-248	250-251	253-254	256-257	259-260	262-263	264-265	267-268	269-270	137
136	232-233	235-236	239-240	242-243	245-246	248-249	251-252	254-255	257-258	260-261	262-263	265-266	267-268	136
135	230-231	233-234	237-238	240-241	243-244	246-247	249-250	252-253	255-256	258-259	260-261	263-264	265-266	135
134	228-229	232	235-236	238-239	242	245	248	251	253-254	256-257	259	261-262	264	134
133	226-227	230-231	233-234	236-237	240-241	243-244	246-247	249-250	252	254-255	257-258	260	262-263	133
132	224-225	228-229	231-232	235	238-239	241-242	244-245	247-248	250-251	253	255-256	258-259	260-261	132
131	222-223	226-227	229-230	233-234	236-237	239-240	242-243	245-246	248-249	251-252	254	256-257	259	131
130	221	224-225	228	231-232	234-235	238	241	244	246-247	249-250	252-253	255	257-258	130
129	219-220	223	226-227	230	233	236-237	239-240	242-243	245	248	250-251	253-254	256	129
128	218	221-222	225	228-229	231-232	235	238	241	243-244	246-247	249	251-252	254-255	128
127	216-217	220	223-224	227	230	233-234	236-237	239-240	242	245	247-248	250	252-253	127
126	215	218-219	222	225-226	228-229	232	235	238	240-241	243-244	246	248-249	251	126
125	213-214	217	220-221	224	227	230-231	233-234	236-237	239	242	244-245	247	249-250	125
124	212	216	219	222-223	226	229	232	235	237-238	240-241	243	245-246	248	124
123	211	214-215	218	221	224-225	227-228	230-231	233-234	236	239	241-242	244	246-247	123
122	209-210	213	216-217	219-220	223	226	229	232	235	237-238	240	243	245	122
121	208	211-212	215	218	221-222	224-225	227-228	230-231	233-234	236	239	241-242	244	121
120	206-207	210	213-214	217	220	223	226	229	232	234-235	237-238	240	242-243	120
119	205	208-209	212	215-216	218-219	221-222	224-225	227-228	230-231	233	236	238-239	241	119
118	203-204	207	210-211	214	217	220	223	226	229	232	234-235	237	239-240	118
117	202	206	209	212-213	216	219	222	225	227-228	230-231	233	235-236	238	117
116	201	204-205	208	211	214-215	217-218	220-221	223-224	226	229	231-232	234	236-237	116
115	199-200	203	206-207	210	213	216	219	222	225	227-228	230	233	235	115
114	198	202	205	208-209	212	215	218	221	223-224	226	229	231-232	234	114
113	197	200-201	204	207	210-211	213-214	216-217	219-220	222	225	227-228	230	232-233	113
112	196	199	203	206	209	212	215	218	221	224	226	229	231	112
111	194-195	198	201-202	205	208	211	214	217	220	222-223	225	227-228	230	111
110	193	197	200	203-204	206-207	210	212-213	215-216	218-219	221	223-224	226	228-229	110
109	192	195-196	199	202	205	208-209	211	214	217	220	222	225	227	109
108	191	194	197-198	201	204	207	210	213	215-216	218-219	221	223-224	226	108
107	189-190	193	196	199-200	202-203	206	208-209	211-212	214	217	219-220	222	224-225	107
106	188	191-192	195	198	201	204-205	207	210	213	215-216	218	221	223	106

SAS	Chronological Age													SAS
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	187	190	194	197	200	203	206	209	211-212	214	217	219-220	222	105
104	186	189	192-193	196	199	202	205	208	210	213	216	218	220-221	104
103	184-185	188	191	194-195	197-198	201	203-204	206-207	209	212	214-215	217	219	103
102	183	186-187	190	193	196	199-200	202	205	207-208	210-211	213	215-216	218	102
101	182	185	189	192	195	198	201	204	206	209	212	214	216-217	101
100	181	184	188	191	194	197	200	203	205	208	211	213	215	100
99	180	183	187	190	193	196	199	202	204	207	209-210	212	214	99
98	179	182	185-186	189	192	194-195	197-198	200-201	203	205-206	208	210-211	212-213	98
97	178	181	184	187-188	190-191	193	196	199	201-202	204	207	209	211	97
96	177	180	183	186	189	192	195	198	200	203	205-206	208	210	96
95	175-176	179	182	185	188	191	194	196-197	199	202	204	206-207	209	95
94	174	178	181	184	187	190	192-193	195	198	200-201	203	205	207-208	94
93	173	176-177	180	183	186	188-189	191	194	197	199	202	204	206	93
92	172	175	178-179	181-182	184-185	187	190	193	195-196	198	200-201	203	205	92
91	171	174	177	180	183	186	189	191-192	194	197	199	201-202	204	91
90	170	173	176	179	182	185	188	190	193	195-196	198	200	202-203	90
89	169	172	175	178	181	184	186-187	189	191-192	194	196-197	199	201	89
88	168	171	174	177	180	182-183	185	188	190	193	195	197-198	199-200	88
87	167	170	173	176	178-179	181	184	186-187	189	191-192	194	196	198	87
86	166	169	172	175	177	180	183	185	188	190	192-193	195	197	86
85	165	168	171	173-174	176	179	181-182	184	186-187	189	191	193-194	195-196	85
84	164	167	170	172	175	178	180	183	185	188	190	192	194	84
83	163	166	168-169	171	174	176-177	179	182	184	186-187	189	191	193	83
82	162	165	167	170	173	175	178	180-181	183	185	187-188	189-190	192	82
81	161	163-164	166	169	172	174	177	179	181-182	184	186	188	190-191	81
80	160	162	165	168	170-171	173	175-176	178	180	182-183	185	187	189	80
79	159	161	164	167	169	172	174	177	179	181	183-184	185-186	188	79
78	157-158	160	163	165-166	168	170-171	173	175-176	178	180	182	184	186-187	78
77	156	159	162	164	167	169	172	174	176-177	178-179	181	183	185	77
76	155	158	160-161	163	165-166	168	170-171	173	175	177	179-180	181-182	183-184	76
75	154	157	159	162	164	167	169	171-172	174	176	178	180	182	75
74	153	156	158	161	163	165-166	168	170	172-173	175	177	179	181	74
73	152	155	157	160	162	164	167	169	171	173-174	176	178	180	73
72	151	154	156	158-159	161	163	165-166	168	170	172	174-175	176-177	178-179	72
71	150	152-153	155	157	160	162	164	167	169	171	173	175	177	71
70	149	151	154	156	159	161	163	165-166	168	170	172	174	176	70
69	148	---	153	155	158	160	162	164	166-167	169	171	173	175	69
68	147	150	152	154	157	159	161	163	165	168	170	172	174	68
67	---	149	151	153	156	158	160	162	164	166-167	168-169	170-171	172-173	67
66	146	148	150	152	155	157	159	161	163	165	167	169	171	66
65	145	147	149	---	154	156	158	160	162	164	166	168	170	65
64	144	146	148	151	153	155	157	159	161	163	165	167	169	64
63	143	145	147	150	152	154	156	158	160	162	164	166	168	63
62	142	---	---	149	151	153	155	157	159	161	163	165	166-167	62
61	---	144	146	148	150	152	154	156	157-158	159-160	161-162	163-164	165	61
60	141	143	145	147	149	151	152-153	154-155	156	158	160	162	164	60
59	140	142	144	146	148	149-150	151	153	155	157	159	161	163	59
58	139	141	143	145	147	148	150	152	154	156	158	160	162	58
57	138	140	142	144	146	147	149	151	153	155	157	159	160-161	57
56	---	139	141	143	145	146	148	150	152	154	156	157-158	159	56
55	137	138	140	142	143-144	145	147	149	151	152-153	154-155	156	158	55
54	135-136	137	139	140-141	142	144	146	147-148	149-150	151	153	155	157	54
53	134	136	138	139	141	143	144-145	146	148	150	152	153-154	155-156	53
52	133	135	136-137	138	140	141-142	143	145	147	148-149	150-151	152	154	52
51	132	133-134	135	137	138-139	140	142	143-144	145-146	147	149	151	153	51
50	1-131	1-132	1-134	1-136	1-137	1-139	1-141	1-142	1-144	1-146	1-148	1-150	1-152	50

Universal Scale Score to Standard Age: Verbal (ages 11-6 through 14-6; all figures in body of table are Universal Scale Scores)

SAS	Chronological Age												SAS	
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	317+	320+	321+	323+	325+	327+	328+	330+	331+	332+	333+	334+	335+	160
159	315-316	317-319	319-320	321-322	323-324	325-326	326-327	328-329	329-330	330-331	331-332	333	334	159
158	313-314	315-316	317-318	319-320	321-322	323-324	324-325	326-327	327-328	328-329	330	331-332	332-333	158
157	311-312	313-314	315-316	317-318	319-320	321-322	322-323	324-325	325-326	326-327	328-329	329-330	330-331	157
156	309-310	311-312	313-314	315-316	317-318	319-320	320-321	322-323	323-324	325	326-327	327-328	328-329	156
155	307-308	309-310	311-312	313-314	315-316	317-318	318-319	320-321	321-322	323-324	324-325	325-326	326-327	155
154	305-306	307-308	309-310	311-312	313-314	315-316	316-317	318-319	319-320	321-322	322-323	323-324	325	154
153	303-304	305-306	307-308	309-310	311-312	313-314	314-315	316-317	318	319-320	320-321	322	323-324	153
152	301-302	303-304	305-306	307-308	309-310	311-312	313	314-315	316-317	317-318	319	320-321	321-322	152
151	299-300	301-302	303-304	305-306	307-308	309-310	311-312	312-313	314-315	315-316	317-318	318-319	319-320	151
150	297-298	299-300	302	303-304	305-306	307-308	309-310	311	312-313	314	315-316	316-317	317-318	150
149	296	298	300-301	302	304	305-306	307-308	309-310	310-311	312-313	313-314	314-315	316	149
148	294-295	296-297	298-299	300-301	302-303	304	305-306	307-308	309	310-311	311-312	313	314-315	148
147	292-293	294-295	296-297	298-299	300-301	302-303	304	305-306	307-308	308-309	310	311-312	312-313	147
146	290-291	292-293	294-295	296-297	298-299	300-301	302-303	304	305-306	307	308-309	309-310	310-311	146
145	288-289	290-291	293	295	296-297	298-299	300-301	302-303	303-304	305-306	306-307	307-308	309	145
144	286-287	288-289	290-292	292-294	294-295	296-297	298-299	300-301	301-302	303-304	304-305	305-306	307-308	144
143	284-285	286-287	288-289	290-291	292-293	294-295	296-297	298-299	299-300	301-302	302-303	304	305-306	143
142	282-283	284-285	286-287	288-289	290-291	292-293	294-295	295-297	297-298	299-300	300-301	302-303	303-304	142
141	279-281	282-283	284-285	286-287	288-289	290-291	292-293	293-294	295-296	297-298	298-299	300-301	301-302	141
140	277-278	280-281	282-283	284-285	286-287	288-289	290-291	292	293-294	295-296	296-297	298-299	299-300	140
139	275-276	278-279	280-281	282-283	284-285	286-287	288-289	290-291	292	293-294	295	296-297	298	139
138	274	276-277	278-279	280-281	282-283	284-285	286-287	288-289	290-291	291-292	293-294	295	296-297	138
137	272-273	274-275	276-277	278-279	280-281	282-283	284-285	286-287	288-289	290	291-292	293-294	294-295	137
136	270-271	272-273	274-275	276-277	279	281	283	284-285	286-287	288-289	290	291-292	293	136
135	268-269	270-271	272-273	275	277-278	279-280	281-282	283	285	286-287	288-289	290	291-292	135
134	266-267	269	271	273-274	275-276	277-278	279-280	281-282	283-284	285	286-287	288-289	290	134
133	265	267-268	269-270	271-272	274	276	278	280	281-282	283-284	285	286-287	288-289	133
132	263-264	265-266	268	270	272-273	274-275	276-277	278-279	280	282	283-284	285	286-287	132
131	261-262	264	266-267	268-269	270-271	272-273	274-275	276-277	278-279	280-281	282	283-284	285	131
130	260	262-263	264-265	267	269	271	273	275	277	278-279	280-281	281-282	283-284	130
129	258-259	260-261	263	265-266	267-268	269-270	271-272	273-274	275-276	277	278-279	280	281-282	129
128	256-257	259	261-262	263-264	265-266	267-268	269-270	271-272	273-274	275-276	276-277	278-279	279-280	128
127	255	257-258	259-260	262	264	266	268	270	271-272	273-274	275	276-277	278	127
126	253-254	256	258	260-261	262-263	264-265	266-267	268-269	270	271-272	273-274	274-275	276-277	126
125	252	254-255	256-257	258-259	261	263	264-265	266-267	268-269	270	271-272	273	274-275	125
124	250-251	253	255	257	259-260	261-262	263	265	266-267	268-269	270	271-272	273	124
123	249	251-252	253-254	256	258	260	261-262	263-264	265	267	268-269	270	271-272	123
122	247-248	250	252	254-255	256-257	258-259	260	262	263-264	265-266	267	268-269	269-270	122
121	246	248-249	250-251	253	255	257	258-259	260-261	262	263-264	265-266	266-267	268	121
120	244-245	247	249	251-252	253-254	255-256	257	259	260-261	262	263-264	265	266-267	120
119	243	245-246	248	250	252	254	255-256	257-258	259	260-261	262	263-264	265	119
118	242	244	246-247	248-249	250-251	252-253	254	256	257-258	259	260-261	262	263-264	118
117	240-241	242-243	245	247	249	251	252-253	254-255	256	257-258	259	260-261	261-262	117
116	239	241	243-244	245-246	247-248	249-250	251	253	254-255	256	257-258	259	260	116
115	237-238	240	242	244	246	248	249-250	251-252	253	254-255	256	257-258	258-259	115
114	236	238-239	240-241	242-243	244-245	246-247	248	250	251-252	253	254-255	256	257	114
113	235	237	239	241	243	245	247	248-249	250	251-252	253	254-255	255-256	113
112	233-234	236	238	240	242	244	245-246	247	248-249	250	251-252	253	254	112
111	232	234-235	236-237	238-239	240-241	242-243	244	245-246	247	248-249	250	251-252	252-253	111
110	231	233	235	237	239	241	242-243	244	246	247	248-249	250	251	110
109	229-230	232	234	236	237-238	239-240	241	243	244-245	246	247	248-249	249-250	109
108	228	230-231	232-233	234-235	236	238	240	241-242	243	244-245	245-246	247	248	108
107	227	229	231	233	235	236-237	238-239	240	241-242	243	244	245-246	246-247	107
106	225-226	227-228	229-230	231-232	233-234	235	237	238-239	240	241-242	242-243	244	245	106
105	224	226	228	230	232	234	235-236	237	238-239	240	241	242-243	243-244	105
104	222-223	225	227	229	230-231	232-233	234	235-236	237	238-239	239-240	241	242	104
103	221	224	226	227-228	229	231	233	234	235-236	237	238	239-240	240-241	103
102	220	222-223	224-225	226	228	230	231-232	233	234	236	237	238	239	102

SAS	Chronological Age													SAS
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
101	218-219	221	223	224-225	226-227	228-229	230	231-232	232-233	234-235	235-236	236-237	237-238	101
100	217	220	222	223	225	227	229	230	231	233	234	235	236	100
99	216	218-219	220-221	222	224	225-226	227-228	228-229	229-230	231-232	232-233	233-234	234-235	99
98	215	217	219	220-221	222-223	224	226	227	228	230	231	232	233	98
97	213-214	216	218	219	221	223	224-225	226	227	228-229	229-230	230-231	231-232	97
96	212	214-215	216-217	218	220	221-222	223	224-225	225-226	227	228	229	230	96
95	211	213	215	217	218-219	220	221-222	223	224	225-226	226-227	227-228	228-229	95
94	210	212	214	215-216	217	219	220	221-222	223	224	225	226	227	94
93	208-209	210-211	212-213	214	216	217-218	219	220	221-222	223	224	225	226	93
92	207	209	211	213	214-215	216	217-218	219	220	221-222	222-223	223-224	224-225	92
91	206	208	210	211-212	213	215	216	217-218	219	220	221	222	223	91
90	204-205	206-207	208-209	210	212	213-214	215	216	217-218	218-219	219-220	220-221	221-222	90
89	203	205	207	209	210-211	212	213-214	214-215	216	217	218	219	220	89
88	202	203-204	205-206	207-208	209	210-211	212	213	214-215	215-216	217	218	218-219	88
87	200-201	202	204	206	207-208	209	210-211	212	213	214	215-216	216-217	217	87
86	199	201	203	204-205	206	207-208	209	210-211	211-212	213	214	215	216	86
85	197-198	199-200	201-202	203	205	206	207-208	209	210	211-212	212-213	213-214	214-215	85
84	196	198	200	202	203-204	205	206	207-208	209	210	211	212	213	84
83	195	197	199	200-201	202	203-204	205	206	207-208	208-209	210	211	211-212	83
82	194	195-196	197-198	199	201	202	203-204	205	206	207	208-209	209-210	210	82
81	192-193	194	196	198	199-200	201	202	203-204	205	206	207	208	209	81
80	191	193	195	196-197	198	199-200	201	202	203-204	204-205	205-206	206-207	207-208	80
79	189-190	191-192	193-194	195	196-197	198	199-200	201	202	203	204	205	206	79
78	188	190	192	193-194	195	196-197	198	199-200	200-201	202	203	204	205	78
77	187	189	190-191	192	194	195	196-197	198	199	200-201	201-202	202-203	203-204	77
76	185-186	187-188	189	191	192-193	194	195	196-197	198	199	200	201	202	76
75	184	186	188	189-190	191	192-193	194	195	196-197	197-198	198-199	199-200	200-201	75
74	183	185	186-187	188	190	191	192-193	194	195	196	197	198	199	74
73	182	183-184	185	187	188-189	190	191	193	194	195	196	197	198	73
72	180-181	182	184	186	187	189	190	191-192	193	194	195	196	197	72
71	179	181	183	184-185	186	187-188	189	190	191-192	192-193	193-194	194-195	195-196	71
70	178	180	181-182	183	185	186	187-188	189	190	191	192	193	194	70
69	177	178-179	180	182	183-184	185	186	188	189	190	191	192	193	69
68	175-176	177	179	181	182	184	185	186-187	188	189	190	191	192	68
67	174	176	178	179-180	181	182-183	184	185	186-187	188	189	190	191	67
66	173	175	177	178	180	181	183	184	185	186-187	188	189	190	66
65	172	174	175-176	177	179	180	182	183	184	185	186-187	188	188-189	65
64	171	172-173	174	176	177-178	179	180-181	182	183	184	185	186-187	187	64
63	169-170	171	173	175	176	178	179	181	182	183	184	185	186	63
62	168	170	172	173-174	175	177	178	179-180	181	182	183	184	185	62
61	167	169	171	172	174	175-176	177	178	180	181	182	183	184	61
60	166	168	169-170	171	173	174	176	177	179	180	181	182	183	60
59	165	166-167	168	170	171-172	173	175	176	177-178	179	180	181	182	59
58	163-164	165	167	169	170	172	173-174	175	176	178	179	180	181	58
57	162	164	166	167-168	169	171	172	174	175	176-177	178	179	180	57
56	161	163	165	166	168	169-170	171	172-173	174	175	177	178	179	56
55	160	161-162	163-164	165	167	168	170	171	173	174	175-176	177	178	55
54	158-159	160	162	164	165-166	167	168-169	170	171-172	173	174	175-176	176-177	54
53	157	159	161	162-163	164	166	167	169	170	172	173	174	175	53
52	156	157-158	159-160	161	163	164-165	166	167-168	169	170-171	172	173	174	52
51	154-155	156	158	160	161-162	163	165	166	168	169	170-171	172	173	51
50	1-153	1-155	1-157	1-159	1-160	1-162	1-164	1-165	1-167	1-168	1-169	1-171	1-172	50

Universal Scale Score to Standard Age: Verbal (ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

SAS	Chronological Age														SAS
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	336+	337+	338+	339+	340+	340+	341+	342+	342+	342+	343+	343+	343+	343+	160
159	335	336	336-337	337-338	338-339	339	339-340	340-341	340-341	341	341-342	341-342	341-342	341-342	159
158	333-334	334-335	335	336	336-337	337-338	338	338-339	339	339-340	339-340	339-340	340	340	158
157	331-332	332-333	333-334	334-335	335	335-336	336-337	337	337-338	337-338	338	338	338-339	338-339	157
156	329-330	330-331	331-332	332-333	333-334	334	334-335	335-336	335-336	336	336-337	336-337	336-337	336-337	156
155	327-328	329	329-330	330-331	331-332	332-333	333	333-334	334	334-335	334-335	335	335	335	155
154	326	327-328	328	329	330	330-331	331-332	332	332-333	333	333	333-334	333-334	333-334	154
153	324-325	325-326	326-327	327-328	328-329	329	329-330	330-331	330-331	331-332	331-332	331-332	331-332	331-332	153
152	322-323	323-324	324-325	325-326	326-327	327-328	328	328-329	329	329-330	329-330	330	330	330	152
151	320-321	321-322	322-323	323-324	324-325	325-326	326-327	327	327-328	327-328	328	328-329	328-329	328-329	151
150	319	320	321	322	323	323-324	324-325	325-326	325-326	326	326-327	326-327	326-327	326-327	150
149	317-318	318-319	319-320	320-321	321-322	322	322-323	323-324	323-324	324-325	324-325	324-325	324-325	324-325	149
148	315-316	316-317	317-318	318-319	319-320	320-321	320-321	321-322	322	322-323	322-323	322-323	323	323	148
147	313-314	314-315	315-316	316-317	317-318	318-319	319	319-320	320-321	320-321	320-321	321	321-322	321-322	147
146	312	313	314	315	315-316	316-317	317-318	317-318	318-319	318-319	319	319-320	319-320	319-320	146
145	310-311	311-312	312-313	313-314	314	314-315	315-316	316	316-317	317	317-318	317-318	317-318	317-318	145
144	308-309	309-310	310-311	311-312	312-313	313	313-314	314-315	315	315-316	315-316	316	316	316	144
143	306-307	307-308	308-309	309-310	310-311	311-312	312	313	313-314	313-314	314	314-315	314-315	314-315	143
142	304-305	305-306	307	308	309	309-310	310-311	311-312	311-312	312	312-313	312-313	313	313	142
141	302-303	304	305-306	306-307	307-308	308	309	309-310	310	310-311	311	311	311-312	311-312	141
140	301	302-303	303-304	304-305	305-306	306-307	307-308	308	308-309	309	309-310	309-310	310	310	140
139	299-300	300-301	302	303	304	305	306	306-307	307	307-308	308	308	308-309	308-309	139
138	297-298	299	300-301	301-302	302-303	303-304	304-305	305	305-306	306	306-307	306-307	307	307	138
137	296	297-298	298-299	300	301	302	303	303-304	304	304-305	305	305	305-306	305-306	137
136	294-295	296	297	298-299	299-300	300-301	301-302	302	302-303	303	303-304	304	304	304	136
135	293	294-295	295-296	296-297	298	299	299-300	300-301	301	301-302	302	302-303	302-303	302-303	135
134	291-292	292-293	294	295	296-297	297-298	298	298-299	299-300	300	300-301	300-301	300-301	300-301	134
133	289-290	291	292-293	293-294	294-295	295-296	296-297	297	297-298	298-299	298-299	298-299	299	299	133
132	288	289-290	290-291	291-292	292-293	293-294	294-295	295-296	296	296-297	296-297	297	297-298	297-298	132
131	286-287	287-288	289	290	291	292	293	293-294	294-295	294-295	295	295-296	295-296	295-296	131
130	284-285	286	287-288	288-289	289-290	290-291	291-292	291-292	292-293	293	293-294	293-294	293-294	293-294	130
129	283	284-285	285-286	286-287	287-288	288-289	289-290	290	290-291	291-292	291-292	291-292	291-292	291-292	129
128	281-282	282-283	283-284	284-285	285-286	286-287	287-288	288-289	288-289	289-290	289-290	289-290	289-290	289-290	128
127	279-280	280-281	281-282	282-283	283-284	284-285	285-286	286-287	286-287	287-288	287-288	287-288	287-288	287-288	127
126	277-278	278-279	280	281	282	282-283	283-284	284-285	284-285	285-286	285-286	285-286	286	286	126
125	275-276	277	278-279	279-280	280-281	281	281-282	282-283	283	283-284	283-284	284	284-285	284-285	125
124	274	275-276	276-277	277-278	278-279	279-280	280	280-281	281-282	281-282	282	282-283	282-283	282-283	124
123	272-273	273-274	274-275	275-276	276-277	277-278	278-279	279	279-280	280	280-281	280-281	280-281	280-281	123
122	271	272	273	274	275	276	276-277	277-278	277-278	278-279	278-279	278-279	278-279	278-279	122
121	269-270	270-271	271-272	272-273	273-274	274-275	275	275-276	276	276-277	276-277	277	277	277	121
120	267-268	268-269	270	271	271-272	272-273	273-274	273-274	274-275	274-275	275	275-276	275-276	275-276	120
119	266	267	268-269	269-270	270	271	271-272	272	272-273	273	273-274	273-274	273-274	273-274	119
118	264-265	265-266	266-267	267-268	268-269	269-270	270	270-271	271	271-272	271-272	271-272	272	272	118
117	263	264	265	266	266-267	267-268	268-269	268-269	269-270	269-270	270	270-271	270-271	270-271	117
116	261-262	262-263	263-264	264-265	265	265-266	266-267	267	267-268	268	268-269	268-269	268-269	268-269	116
115	259-260	260-261	261-262	262-263	263-264	264	265	265-266	266	266-267	266-267	266-267	266-267	267	115
114	258	259	260	261	262	262-263	263-264	263-264	264-265	264-265	265	265	265	265-266	114
113	256-257	257-258	258-259	259-260	260-261	261	261-262	262	262-263	263	263-264	263-264	263-264	263-264	113
112	255	256	257	258	258-259	259-260	260	260-261	261	261-262	261-262	262	262	262	112
111	253-254	254-255	255-256	256-257	257	258	258-259	259	259-260	259-260	260	260-261	260-261	260-261	111
110	252	253	254	255	255-256	256-257	257	257-258	257-258	258	258-259	258-259	258-259	258-259	110
109	250-251	251-252	252-253	253-254	254	254-255	255-256	255-256	256	256-257	256-257	257	257	257	109
108	249	250	251	251-252	252-253	253	253-254	254	254-255	254-255	255	255-256	255-256	255-256	108
107	247-248	248-249	249-250	250	251	251-252	252	252-253	252-253	253	253-254	253-254	253-254	253-254	107
106	246	247	247-248	248-249	249-250	249-250	250-251	250-251	251	251-252	251-252	252	252	252	106

SAS	Chronological Age														SAS
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
105	244-245	245-246	246	247	247-248	248	248-249	249	249-250	250	250	250-251	250-251	250-251	105
104	243	244	245	245-246	246	246-247	247	247-248	247-248	248-249	248-249	248-249	248-249	248-249	104
103	241-242	242-243	243-244	243-244	244-245	245	245-246	246	246	246-247	247	247	247	247	103
102	240	241	242	242	243	243-244	244	244-245	244-245	245	245-246	245-246	245-246	245-246	102
101	238-239	239-240	240-241	240-241	241-242	241-242	242-243	242-243	242-243	243-244	243-244	243-244	243-244	243-244	101
100	237	238	239	239	240	240	241	241	241	242	242	242	242	242	100
99	235-236	236-237	237-238	237-238	238-239	238-239	239-240	239-240	239-240	240-241	240-241	240-241	240-241	240-241	99
98	234	235	235-236	236	237	237	237-238	238	238	238-239	238-239	239	239	239	98
97	232-233	233-234	234	234-235	235-236	235-236	236	236-237	236-237	237	237	237-238	237-238	237-238	97
96	231	232	232-233	233	233-234	234	234-235	234-235	235	235-236	235-236	235-236	235-236	236	96
95	229-230	230-231	231	231-232	232	232-233	233	233	233-234	233-234	234	234	234	234-235	95
94	228	229	229-230	230	230-231	231	231-232	231-232	232	232	232-233	232-233	232-233	233	94
93	226-227	227-228	228	228-229	229	229-230	230	230	230-231	231	231	231	231	231-232	93
92	225	226	226-227	227	227-228	228	228-229	229	229	229-230	229-230	229-230	230	230	92
91	224	224-225	225	226	226	226-227	227	227-228	227-228	228	228	228	228-229	228-229	91
90	222-223	223	224	224-225	225	225	225-226	226	226	226-227	226-227	227	227	227	90
89	221	221-222	222-223	223	223-224	224	224	224-225	225	225	225	225-226	225-226	225-226	89
88	219-220	220	221	221-222	222	222-223	222-223	223	223-224	223-224	224	224	224	224	88
87	218	219	219-220	220	220-221	221	221	221-222	222	222	222-223	222-223	222-223	222-223	87
86	216-217	217-218	218	218-219	219	219-220	220	220	220-221	220-221	221	221	221	221	86
85	215	216	216-217	217	217-218	218	218-219	219	219	219	219-220	219-220	220	220	85
84	214	214-215	215	216	216	216-217	217	217-218	217-218	218	218	218	218-219	218-219	84
83	212-213	213	214	214-215	215	215	215-216	216	216	216-217	216-217	217	217	217	83
82	211	212	212-213	213	213-214	214	214	214-215	215	215	215	215-216	215-216	215-216	82
81	210	210-211	211	211-212	212	212-213	213	213	213-214	214	214	214	214	214	81
80	208-209	209	210	210	211	211	211-212	212	212	212-213	212-213	212-213	213	213	80
79	207	207-208	208-209	209	209-210	210	210	210-211	211	211	211	211	211-212	211-212	79
78	205-206	206	207	207-208	208	208-209	209	209	209-210	209-210	210	210	210	210	78
77	204	205	205-206	206	206-207	207	207-208	207-208	208	208	208-209	208-209	208-209	209	77
76	203	203-204	204	204-205	205	205-206	206	206	206-207	207	207	207	207	207-208	76
75	201-202	202	203	203	204	204	204-205	205	205	205-206	205-206	206	206	206	75
74	200	201	201-202	202	202-203	203	203	204	204	204	204	204-205	205	205	74
73	199	199-200	200	201	201	202	202	202-203	203	203	203	203	203-204	203-204	73
72	197-198	198	199	199-200	200	200-201	201	201	201-202	202	202	202	202	202	72
71	196	197	198	198	199	199	199-200	200	200	200-201	201	201	201	201	71
70	195	196	196-197	197	198	198	198	199	199	199	199-200	200	200	200	70
69	194	195	195	196	196-197	197	197	198	198	198	198	198-199	199	199	69
68	193	194	194	195	195	196	196	196-197	197	197	197	197	198	198	68
67	192	192-193	193	194	194	195	195	195	196	196	196	196	196-197	197	67
66	190-191	191	192	193	193	194	194	194	195	195	195	195	195	195-196	66
65	189	190	191	192	192	193	193	193	194	194	194	194	194	194	65
64	188	189	190	191	191	192	192	192	193	193	193	193	---	---	64
63	187	188	189	190	190	191	191	191	192	192	192	192	193	193	63
62	186	187	188	189	189	190	190	190	191	191	191	---	192	192	62
61	185	186	187	188	188	189	189	---	190	190	190	191	191	191	61
60	184	185	186	187	187	188	188	189	189	189	189	190	190	190	60
59	183	184	185	186	186	187	187	188	188	188	---	189	189	189	59
58	182	183	184	185	185	186	186	187	187	187	188	188	188	188	58
57	181	182	183	183-184	184	185	185	186	186	186	187	187	187	187	57
56	180	181	182	182	183	184	184	185	185	185	186	186	186	186	56
55	179	180	181	181	182	183	183	184	184	184	185	185	185	185	55
54	178	178-179	179-180	180	181	181-182	182	182-183	183	183	183-184	184	184	184	54
53	176-177	177	178	179	180	180	181	181	182	182	182	182-183	183	183	53
52	175	176	177	178	178-179	179	180	180	180-181	181	181	181	181-182	181-182	52
51	174	175	176	177	177	178	178-179	179	179	180	180	180	180	180	51
50	1-173	1-174	1-175	1-176	1-176	1-177	1-177	1-178	1-178	1-179	1-179	1-179	1-179	1-179	50

Table 4: Universal Scale Score to Grade Percentile Rank—Verbal: Fall Norms (Before December 1st)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	179+	203+	222+	234+	251+	262+	272+	277+	283+	288+	295+	302+	308+	99
98	175-178	198-202	217-221	228-233	245-250	256-261	267-271	271-276	277-282	283-287	290-294	296-301	302-307	98
97	171-174	194-197	213-216	224-227	241-244	252-255	263-266	267-270	274-276	279-282	286-289	292-295	298-301	97
96	169-170	191-193	210-212	221-223	238-240	249-251	260-262	265-266	271-273	276-278	282-285	289-291	295-297	96
95	167-168	189-190	207-209	219-220	235-237	246-248	257-259	262-264	268-270	274-275	280-281	286-288	292-294	95
94	166	187-188	205-206	217-218	233-234	244-245	255-256	260-261	266-267	271-273	277-279	283-285	289-291	94
93	164-165	186	204	215-216	232	243	254	258-259	264-265	270	275-276	281-282	287-288	93
92	163	184-185	202-203	214	230-231	241-242	252-253	257	263	268-269	274	279-280	285-286	92
91	162	183	201	212-213	228-229	240	251	255-256	261-262	266-267	272-273	278	283-284	91
90	161	182	200	211	227	238-239	249-250	254	260	265	270-271	276-277	282	90
89	160	181	198-199	210	226	237	248	253	259	264	269	274-275	280-281	89
88	---	180	197	209	225	236	247	252	258	263	268	273	278-279	88
87	159	179	196	207-208	223-224	235	246	251	257	262	267	272	277	87
86	158	178	195	206	222	234	245	250	256	261	265-266	271	276	86
85	---	177	194	205	221	232-233	244	249	255	260	264	270	274-275	85
84	157	176	193	204	220	---	243	248	254	259	263	268-269	273	84
83	---	175	192	203	219	231	242	247	253	258	262	267	272	83
82	156	---	191	---	218	230	---	246	252	257	261	266	271	82
81	---	174	---	202	---	229	241	245	251	256	---	265	270	81
80	155	173	190	201	217	228	240	244	250	255	260	---	269	80
79	154	---	189	---	216	227	239	---	249	254	259	264	268	79
78	---	172	---	200	215	---	238	243	---	---	258	263	267	78
77	153	---	188	199	---	226	---	242	248	253	257	262	266	77
76	---	171	187	---	214	225	237	---	247	252	256	261	---	76
75	---	---	---	198	213	---	236	241	---	251	---	260	265	75
74	152	170	186	197	---	224	---	240	246	---	255	---	264	74
73	---	169	---	---	212	223	235	---	245	250	254	259	263	73
72	151	---	185	196	211	---	234	239	---	249	---	258	262	72
71	---	168	184	---	---	222	---	238	244	---	253	257	261	71
70	---	---	---	195	210	221	233	---	243	248	252	256	---	70
69	150	167	183	194	---	---	---	237	---	247	251	---	260	69
68	---	---	---	---	209	220	232	236	242	---	---	255	259	68
67	149	---	182	193	208	---	231	---	241	246	250	254	258	67
66	---	166	---	---	---	219	---	235	---	245	249	253	257	66
65	---	---	181	192	207	---	230	---	240	---	---	---	256	65
64	148	165	---	---	---	218	---	234	---	244	248	252	---	64
63	---	---	180	191	206	217	229	---	239	243	247	251	255	63
62	---	164	---	---	---	---	---	233	---	---	---	---	254	62
61	147	---	179	190	205	216	228	232	238	242	246	250	---	61
60	---	163	---	---	---	---	---	---	237	---	245	249	253	60
59	---	---	178	189	204	215	227	231	---	241	---	---	252	59
58	---	---	177	188	203	---	226	---	236	---	244	248	251	58
57	146	162	---	---	---	214	---	230	---	240	243	---	---	57
56	---	---	176	187	202	213	225	---	235	239	---	247	250	56
55	---	161	---	---	---	---	---	229	---	---	242	246	249	55
54	145	---	175	186	201	212	224	228	234	238	---	---	---	54
53	---	---	---	---	---	---	---	---	---	---	241	245	248	53
52	---	160	174	185	200	211	223	227	233	237	240	244	247	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	144	159	173	184	199	210	222	226	232	236	239	243	246	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	242	---	49
48	---	---	---	---	198	209	221	225	231	235	238	---	245	48
47	143	158	172	183	---	---	---	---	---	---	237	241	244	47
46	---	---	---	---	197	208	220	224	230	234	---	---	---	46
45	---	---	---	182	---	---	---	---	---	233	236	240	243	45
44	---	157	171	---	196	207	219	223	229	---	---	239	242	44
43	142	---	---	---	---	---	---	---	228	232	235	---	---	43
42	---	156	170	181	---	---	218	222	---	---	---	238	241	42
41	---	---	---	---	195	206	---	---	227	231	234	237	240	41
40	141	---	---	180	---	---	217	221	---	---	233	236	---	40
39	---	155	169	---	194	205	---	---	226	230	---	---	239	39
38	---	---	---	---	---	---	216	220	---	229	232	235	238	38
37	140	---	168	179	193	204	---	---	225	---	---	---	---	37
36	---	154	---	---	---	---	215	219	---	228	231	234	237	36
35	---	---	---	178	192	203	---	---	224	---	230	233	---	35
34	---	---	167	---	---	202	214	218	223	227	---	---	236	34
33	139	153	---	177	191	---	---	---	---	226	229	232	235	33
32	---	---	166	---	190	201	213	217	222	---	---	231	---	32
31	---	152	---	176	---	---	212	216	---	225	228	---	234	31
30	138	---	165	---	189	200	---	---	221	---	227	230	233	30
29	---	---	---	175	---	---	211	215	220	224	---	229	232	29
28	---	151	164	---	188	199	---	---	---	223	226	---	---	28
27	137	---	---	174	---	198	210	214	219	---	225	228	231	27
26	---	150	163	---	187	---	209	213	218	222	---	227	230	26
25	---	---	---	173	---	197	---	---	---	221	224	---	---	25
24	136	---	---	---	186	---	208	212	217	---	223	226	229	24
23	---	149	162	172	185	196	207	211	216	220	222	225	228	23
22	---	---	---	---	---	195	---	---	---	219	---	224	227	22
21	---	148	161	171	184	---	206	210	215	218	221	---	---	21
20	135	---	---	---	---	194	205	209	214	---	220	223	226	20
19	---	---	160	170	183	193	204	208	213	217	219	222	225	19
18	---	147	---	---	182	---	---	---	212	216	218	221	224	18
17	134	---	159	169	---	192	203	207	---	215	---	220	223	17
16	---	146	---	168	181	191	202	206	211	214	217	219	222	16
15	133	---	158	---	180	190	201	205	210	213	216	---	221	15
14	---	145	157	167	179	189	200	204	209	212	215	218	220	14
13	---	---	---	166	---	---	199	203	208	211	214	217	219	13
12	132	144	156	---	178	188	198	202	207	210	213	215-216	218	12
11	---	---	155	165	177	187	197	201	206	209	212	214	217	11
10	131	143	---	164	176	186	196	200	204-205	208	210-211	213	216	10
9	---	142	154	163	175	184-185	195	198-199	203	207	209	212	214-215	9
8	130	141	153	162	173-174	183	193-194	197	202	205-206	208	210-211	213	8
7	---	140	152	161	172	182	192	196	200-201	204	206-207	209	211-212	7
6	129	139	150-151	159-160	171	180-181	190-191	194-195	199	202-203	204-205	207-208	209-210	6
5	128	138	149	158	169-170	178-179	189	192-193	197-198	200-201	202-203	205-206	207-208	5
4	127	137	147-148	156-157	167-168	176-177	186-188	190-191	194-196	198-199	200-201	202-204	204-206	4
3	126	135-136	145-146	153-155	164-166	173-175	184-185	187-189	192-193	195-197	197-199	199-201	202-203	3
2	124-125	133-134	143-144	151-152	161-163	170-172	180-183	183-186	188-191	191-194	193-196	196-198	198-201	2
1	1-123	1-132	1-142	1-150	1-160	1-169	1-179	1-182	1-187	1-190	1-192	1-195	1-197	1

Table 5: Universal Scale Score to Grade Percentile Rank—Verbal: Midyear Norms (December 1st through February)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	185+	208+	225+	239+	254+	265+	274+	278+	284+	290+	296+	303+	309+	99
98	180-184	203-207	219-224	233-238	248-253	259-264	268-273	273-277	279-283	285-289	291-295	298-302	304-308	98
97	177-179	199-202	215-218	229-232	244-247	255-258	264-267	269-272	275-278	281-284	287-290	294-297	300-303	97
96	175-176	196-198	213-214	226-228	241-243	252-254	261-263	266-268	272-274	278-280	284-286	290-293	296-299	96
95	173-174	194-195	210-212	223-225	239-240	249-251	259-260	264-265	269-271	275-277	281-283	287-289	293-295	95
94	171-172	192-193	208-209	221-222	237-238	247-248	257-258	262-263	267-268	273-274	279-280	285-286	291-292	94
93	170	191	206-207	220	235-236	245-246	255-256	260-261	266	271-272	277-278	283-284	289-290	93
92	168-169	189-190	205	218-219	233-234	244	254	258-259	264-265	269-270	275-276	281-282	287-288	92
91	167	188	203-204	217	232	242-243	252-253	257	263	268	273-274	279-280	285-286	91
90	166	187	202	215-216	230-231	241	251	256	261-262	266-267	272	277-278	283-284	90
89	---	185-186	201	214	229	240	250	254-255	260	265	270-271	276	281-282	89
88	165	184	200	213	228	239	249	253	259	264	269	274-275	280	88
87	164	183	199	212	227	238	248	252	258	263	268	273	278-279	87
86	163	182	198	211	226	237	247	251	257	262	267	272	277	86
85	---	---	197	210	225	236	246	250	256	261	266	271	276	85
84	162	181	196	209	224	235	245	249	255	260	264-265	270	274-275	84
83	161	180	195	208	223	234	244	248	254	259	263	268-269	273	83
82	---	179	194	207	222	233	243	---	253	258	---	---	272	82
81	160	178	193	206	221	232	242	247	252	257	262	267	271	81
80	---	---	---	205	220	231	241	246	---	256	261	266	270	80
79	159	177	192	---	219	---	---	245	251	255	260	265	269	79
78	---	---	191	204	---	230	240	---	250	---	259	264	268	78
77	158	176	---	203	218	229	239	244	249	254	258	263	---	77
76	---	175	190	---	217	228	238	243	---	253	---	262	267	76
75	157	---	189	202	---	---	---	242	248	252	257	261	266	75
74	---	174	---	201	216	227	237	---	247	---	256	---	265	74
73	156	---	188	---	215	226	236	241	246	251	255	260	264	73
72	---	173	---	200	---	---	---	240	---	250	254	259	263	72
71	155	---	187	---	214	225	235	---	245	---	---	258	262	71
70	---	172	186	199	---	---	---	239	244	249	253	257	---	70
69	154	---	---	198	213	224	234	---	---	248	252	---	261	69
68	---	171	185	---	212	223	233	238	243	---	---	256	260	68
67	---	---	---	197	---	---	---	237	---	247	251	255	259	67
66	153	170	184	---	211	222	232	---	242	246	250	254	258	66
65	---	---	---	196	---	---	---	236	241	---	---	---	257	65
64	---	169	183	---	210	221	231	---	---	245	249	253	---	64
63	152	---	---	195	209	220	---	235	240	244	248	252	256	63
62	---	168	182	---	---	---	230	234	---	---	---	---	255	62
61	---	---	---	194	208	219	---	---	239	243	247	251	254	61
60	151	167	181	---	---	---	229	233	---	---	246	250	---	60
59	---	---	---	193	207	218	---	---	238	242	---	---	253	59
58	---	---	180	192	---	---	228	232	237	---	245	249	252	58
57	150	166	---	---	206	217	---	---	---	241	244	248	---	57
56	---	---	179	191	---	---	227	231	236	240	---	---	251	56
55	---	165	---	---	205	216	---	---	---	---	243	247	250	55
54	---	---	178	190	204	215	226	230	235	239	---	---	---	54
53	149	---	---	---	---	---	---	---	---	---	242	246	249	53
52	---	164	177	189	203	214	225	229	234	238	241	245	248	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	148	163	176	188	202	213	224	228	233	237	240	244	247	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	243	---	49
48	---	---	175	187	201	212	223	227	232	236	239	---	246	48
47	147	162	---	---	---	---	---	---	---	235	238	242	245	47
46	---	---	---	---	200	211	222	226	231	---	---	241	---	46
45	---	161	174	186	---	---	---	---	---	234	237	---	244	45
44	146	---	---	---	---	---	221	225	230	---	---	240	243	44
43	---	---	173	185	199	210	220	---	229	233	236	239	---	43
42	---	160	---	---	---	---	---	224	---	---	235	---	242	42
41	145	---	---	---	198	209	219	---	228	232	---	238	241	41
40	---	159	172	184	---	---	---	223	---	231	234	237	---	40
39	---	---	---	---	197	208	218	222	227	---	233	---	240	39
38	144	---	171	183	---	---	---	---	---	230	---	236	239	38
37	---	158	---	---	196	207	217	221	226	---	232	235	---	37
36	---	---	170	182	---	---	---	---	---	229	---	---	238	36
35	143	157	---	---	195	206	216	220	225	228	231	234	237	35
34	---	---	---	181	---	---	215	---	224	---	230	233	---	34
33	---	---	169	---	194	205	---	219	---	227	---	---	236	33
32	142	156	---	180	---	204	214	218	223	---	229	232	235	32
31	---	---	168	---	193	---	---	---	---	226	---	---	---	31
30	---	155	---	179	---	203	213	217	222	225	228	231	234	30
29	141	---	167	---	192	---	212	---	221	---	227	230	233	29
28	---	154	---	178	191	202	---	216	---	224	---	229	---	28
27	---	---	166	---	---	201	211	215	220	223	226	---	232	27
26	140	---	---	177	190	---	---	---	219	---	225	228	231	26
25	---	153	165	---	---	200	210	214	---	222	---	227	230	25
24	---	---	---	176	189	---	209	213	218	221	224	---	---	24
23	139	---	164	---	---	199	---	---	217	---	223	226	229	23
22	---	152	---	175	188	198	208	212	---	220	222	225	228	22
21	---	---	163	---	187	---	207	211	216	219	---	224	227	21
20	138	151	---	174	---	197	206	210	215	218	221	---	226	20
19	---	---	162	173	186	196	---	---	214	217	220	223	---	19
18	---	150	---	---	185	195	205	209	213	---	219	222	225	18
17	137	---	161	172	---	---	204	208	---	216	218	221	224	17
16	---	149	---	---	184	194	203	207	212	215	217	220	223	16
15	---	---	160	171	183	193	202	206	211	214	216	219	222	15
14	136	148	---	170	182	192	201	205	210	213	215	218	221	14
13	---	---	159	169	---	191	200	204	209	212	214	217	220	13
12	135	147	158	---	181	190	199	203	208	211	213	216	219	12
11	---	---	---	168	180	189	198	202	207	210	212	215	218	11
10	134	146	157	167	179	188	197	201	205-206	208-209	211	214	216-217	10
9	---	145	156	166	178	187	196	200	204	207	210	212-213	215	9
8	133	144	155	165	176-177	186	195	198-199	203	206	208-209	211	213-214	8
7	---	143	154	163-164	175	184-185	193-194	197	201-202	204-205	207	209-210	212	7
6	132	142	152-153	162	173-174	183	192	195-196	200	203	205-206	207-208	210-211	6
5	131	141	151	160-161	172	181-182	190-191	193-194	198-199	201-202	203-204	205-206	208-209	5
4	130	139-140	149-150	158-159	169-171	179-180	187-189	191-192	195-197	198-200	200-202	203-204	205-207	4
3	128-129	138	147-148	156-157	167-168	176-178	185-186	188-190	193-194	196-197	198-199	200-202	202-204	3
2	127	135-137	144-146	153-155	163-166	172-175	181-184	185-187	189-192	192-195	194-197	196-199	199-201	2
1	1-126	1-134	1-143	1-152	1-162	1-171	1-180	1-184	1-188	1-191	1-193	1-195	1-198	1

**Table 6: Universal Scale Score to Grade Percentile Rank—Verbal: Spring Norms
(March 1st through July)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	191+	213+	228+	243+	257+	268+	275+	280+	286+	292+	298+	305+	310+	99
98	186-190	208-212	222-227	237-242	251-256	262-267	269-274	274-279	280-285	286-291	293-297	299-304	305-309	98
97	183-185	204-207	219-221	233-236	247-250	258-261	265-268	271-273	276-279	282-285	289-292	295-298	301-304	97
96	180-182	201-203	216-218	230-232	244-246	255-257	262-264	268-270	273-275	279-281	285-288	292-294	298-300	96
95	178-179	199-200	213-215	227-229	241-243	252-254	260-261	265-267	271-272	276-278	282-284	289-291	295-297	95
94	176-177	197-198	211-212	225-226	239-240	250-251	258-259	263-264	269-270	274-275	280-281	286-288	292-294	94
93	175	195-196	210	224	237-238	249	256-257	261-262	267-268	272-273	278-279	284-285	290-291	93
92	174	194	208-209	222-223	236	247-248	255	260	265-266	271	276-277	282-283	288-289	92
91	173	192-193	207	221	234-235	246	253-254	258-259	264	269-270	274-275	280-281	286-287	91
90	172	191	205-206	219-220	233	244-245	252	257	262-263	268	273	279	284-285	90
89	171	190	204	218	232	243	251	256	261	266-267	271-272	277-278	283	89
88	170	189	203	217	231	242	250	255	260	265	270	276	281-282	88
87	169	188	202	215-216	229-230	241	249	254	259	264	269	274-275	280	87
86	168	187	201	214	228	240	248	253	258	263	268	273	278-279	86
85	167	186	200	213	227	239	247	252	257	262	267	272	277	85
84	---	185	199	212	226	238	246	251	256	261	266	271	275-276	84
83	166	184	198	211	225	237	245	250	255	260	265	270	274	83
82	165	183	197	---	---	236	244	249	254	259	264	269	273	82
81	---	---	---	210	224	---	243	248	---	258	263	268	272	81
80	164	182	196	209	223	235	242	---	253	257	262	267	271	80
79	---	181	195	208	222	234	---	247	252	---	261	266	270	79
78	163	---	---	---	---	233	241	246	251	256	260	265	---	78
77	---	180	194	207	221	---	240	245	250	255	259	264	269	77
76	162	179	193	206	220	232	---	---	---	254	---	263	268	76
75	---	---	---	---	219	231	239	244	249	253	258	---	267	75
74	161	178	192	205	---	---	238	243	248	---	257	262	266	74
73	---	---	191	204	218	230	---	---	---	252	256	261	265	73
72	160	177	---	---	---	229	237	242	247	251	---	260	264	72
71	---	---	190	203	217	---	236	241	246	---	255	259	263	71
70	159	176	---	---	216	228	---	---	---	250	254	---	---	70
69	---	---	189	202	---	227	235	240	245	249	253	258	262	69
68	158	175	---	201	215	---	234	239	244	---	---	257	261	68
67	---	---	188	---	---	226	---	---	---	248	252	256	260	67
66	---	174	---	200	214	---	233	238	243	247	251	255	259	66
65	157	---	187	---	213	225	---	---	---	---	---	---	258	65
64	---	173	---	199	---	---	232	237	242	246	250	254	---	64
63	156	---	186	---	212	224	---	236	241	245	249	253	257	63
62	---	172	185	198	---	223	231	---	---	---	---	252	256	62
61	---	---	---	197	211	---	---	235	240	244	248	---	255	61
60	155	171	184	---	---	222	230	---	---	---	247	251	---	60
59	---	---	---	196	210	---	---	234	239	243	---	250	254	59
58	---	170	183	---	209	221	229	---	---	---	246	---	253	58
57	154	---	---	195	---	---	---	233	238	242	245	249	---	57
56	---	169	182	---	208	220	228	---	237	241	---	248	252	56
55	---	---	---	194	---	---	---	232	---	---	244	---	251	55
54	---	168	181	193	207	219	227	231	236	240	---	247	---	54
53	153	---	---	---	---	---	---	---	---	---	243	246	250	53
52	---	167	180	192	206	218	226	230	235	239	242	245	249	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	152	166	179	191	205	217	225	229	234	238	241	244	248	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	247	49
48	---	---	---	190	204	216	224	228	233	237	240	243	---	48
47	151	165	178	---	---	---	---	---	---	236	239	242	246	47
46	---	---	---	---	203	215	223	227	232	---	---	---	---	46
45	150	---	177	189	---	---	---	---	---	235	238	241	245	45
44	---	164	---	---	202	214	222	226	231	---	237	---	244	44
43	---	---	---	188	---	---	221	---	230	234	---	240	---	43
42	149	163	176	---	201	213	---	225	---	233	236	239	243	42
41	---	---	---	---	---	---	220	---	229	---	---	---	242	41
40	---	---	175	187	---	212	---	224	---	232	235	238	241	40
39	148	162	---	---	200	---	219	---	228	231	234	237	---	39
38	---	---	---	186	---	211	---	223	---	---	---	---	240	38
37	---	---	174	---	199	---	218	---	227	230	233	236	239	37
36	147	161	---	185	---	210	---	222	---	---	232	---	---	36
35	---	---	173	---	198	---	217	---	226	229	---	235	238	35
34	---	160	---	184	197	209	216	221	225	228	231	234	237	34
33	146	---	172	---	---	208	---	220	---	---	---	---	---	33
32	---	---	---	183	196	---	215	---	224	227	230	233	236	32
31	---	159	171	---	---	207	---	219	---	---	229	232	235	31
30	145	---	---	182	195	---	214	---	223	226	---	---	---	30
29	---	158	170	---	---	206	213	218	222	225	228	231	234	29
28	144	---	---	181	194	---	---	217	---	---	227	230	233	28
27	---	157	169	---	193	205	212	---	221	224	---	---	---	27
26	---	---	---	180	---	204	---	216	220	223	226	229	232	26
25	143	---	---	---	192	---	211	215	---	---	225	228	231	25
24	---	156	168	179	---	203	210	---	219	222	224	227	230	24
23	---	---	---	---	191	202	---	214	218	221	---	---	---	23
22	142	155	167	178	---	---	209	213	217	220	223	226	229	22
21	---	---	---	177	190	201	208	---	---	---	222	225	228	21
20	---	154	166	---	189	200	207	212	216	219	221	224	227	20
19	141	---	---	176	---	---	---	211	215	218	---	223	226	19
18	---	153	165	---	188	199	206	210	214	217	220	---	225	18
17	140	---	164	175	187	198	205	209	213	216	219	222	---	17
16	---	152	---	174	186	197	204	208	---	---	218	221	224	16
15	---	---	163	---	---	196	203	---	212	215	217	220	223	15
14	139	151	---	173	185	195	202	207	211	214	216	219	222	14
13	---	---	162	172	184	---	201	206	210	213	215	218	221	13
12	138	150	161	171	183	194	200	204-205	209	211-212	214	217	219-220	12
11	---	---	160	170	182	192-193	199	203	207-208	210	213	216	218	11
10	137	149	---	169	181	191	198	202	206	209	212	214-215	217	10
9	---	148	159	168	180	190	197	201	205	208	210-211	213	216	9
8	136	147	158	167	179	189	196	200	204	206-207	209	211-212	214-215	8
7	135	146	156-157	166	177-178	187-188	194-195	198-199	202-203	205	207-208	210	212-213	7
6	134	145	155	164-165	176	186	192-193	197	200-201	203-204	205-206	208-209	210-211	6
5	133	144	154	163	174-175	184-185	191	195-196	199	201-202	203-204	206-207	208-209	5
4	132	142-143	152-153	161-162	172-173	182-183	188-190	192-194	196-198	199-200	201-202	203-205	206-207	4
3	131	140-141	150-151	158-160	169-171	179-181	186-187	190-191	193-195	196-198	198-200	201-202	203-205	3
2	129-130	138-139	147-149	155-157	166-168	175-178	182-185	186-189	190-192	192-195	195-197	197-200	199-202	2
1	1-128	1-137	1-146	1-154	1-165	1-174	1-181	1-185	1-189	1-191	1-194	1-196	1-198	1

Quantitative Battery

Table 7: Raw Score to Universal Scale Score, Complete Battery—Quantitative

Raw Score	Universal Scale Scores by Level										Raw Score
	5/6	7	8	9	10	11	12	13/14	15/16	17/18	
0	63	64	71	114	121	128	133	139	143	149	0
1	84	85	92	126	134	141	146	152	156	162	1
2	106	107	112	138	147	154	159	165	170	173	2
3	116	117	122	145	153	161	165	172	177	180	3
4	122	123	129	149	158	166	170	177	182	185	4
5	126	127	134	153	162	169	174	181	186	189	5
6	130	131	138	156	165	172	177	184	189	192	6
7	133	134	142	159	168	175	180	187	191	194	7
8	135	136	145	161	170	178	183	189	193	196	8
9	136	138	148	163	173	180	185	191	195	198	9
10	137	140	150	165	175	182	187	193	197	200	10
11	138	142	152	167	177	183	189	195	199	202	11
12	140	143	154	169	178	185	191	196	200	203	12
13	141	144	155	170	180	187	193	198	202	204	13
14	142	145	157	172	182	188	195	199	203	206	14
15	143	146	159	173	183	190	196	201	205	207	15
16	144	148	161	175	185	192	198	202	206	208	16
17	145	149	163	176	186	193	199	203	207	209	17
18	146	151	164	178	187	194	200	205	209	211	18
19	147	152	165	179	188	195	202	206	210	212	19
20	148	153	167	180	190	197	203	207	211	213	20
21	149	155	168	182	191	198	205	208	212	214	21
22	151	157	169	183	192	199	206	210	213	216	22
23	152	158	170	184	193	200	207	211	215	217	23
24	154	160	171	185	194	201	209	213	216	219	24
25	155	162	172	186	196	203	210	214	218	220	25
26	157	164	173	187	197	204	211	215	219	221	26
27	159	166	175	188	198	206	212	217	220	223	27
28	162	168	176	190	200	208	214	218	222	225	28
29	166	170	178	191	201	209	215	220	224	227	29
30	171	173	179	192	203	211	217	222	226	229	30
31	178	176	181	193	205	213	219	223	228	230	31
32	185	179	182	195	207	215	221	225	230	232	32
33	193	182	184	197	209	217	223	227	232	234	33
34	201	186	185	199	212	219	225	229	234	237	34
35	209	190	187	201	214	221	227	231	236	240	35
36	218	195	189	203	217	224	229	233	238	243	36
37	228	202	191	205	219	227	231	235	241	246	37
38	238	209	193	208	222	230	234	238	244	249	38
39		216	195	211	225	233	237	241	247	253	39
40		224	197	214	229	236	240	244	250	257	40
41		232	200	217	233	240	244	247	254	262	41
42		241	204	221	238	245	248	250	258	267	42
43		250	209	225	243	250	252	254	262	272	43
44		259	215	230	248	255	257	258	267	278	44
45			222	236	254	261	262	263	273	284	45
46			229	243	261	268	269	269	280	291	46
47			237	250	269	275	276	277	288	298	47
48			245	258	277	283	284	285	296	306	48
49			254	266	285	291	292	293	305	314	49
50			263	275	294	300	301	302	314	323	50
51				284	303	309	311	311	323	332	51
52				294	313	319	321	321	334	342	52

Table 8: Universal Scale Score to Standard Age Score—Quantitative**Universal Scale Score to Standard Age Score: Quantitative (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)**

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	216+	226+	235+	242+	250+	257+	265+	271+	276+	281+	285+	288+	291+	160
159	214-215	224-225	233-234	240-241	248-249	255-256	263-264	269-270	274-275	279-280	283-284	286-287	289-290	159
158	212-213	222-223	231-232	238-239	246-247	253-254	261-262	267-268	273	277-278	281-282	284-285	288	158
157	210-211	220-221	229-230	236-237	244-245	251-252	260	265-266	271-272	275-276	279-280	283	286-287	157
156	208-209	218-219	227-228	234-235	242-243	249-250	258-259	264	269-270	273-274	277-278	281-282	284-285	156
155	206-207	216-217	225-226	232-233	240-241	247-248	256-257	262-263	267-268	271-272	275-276	279-280	282-283	155
154	204-205	214-215	223-224	230-231	238-239	245-246	254-255	260-261	265-266	270	273-274	277-278	280-281	154
153	202-203	212-213	221-222	228-229	236-237	244	252-253	258-259	263-264	268-269	272	275-276	279	153
152	200-201	210-211	219-220	226-227	234-235	242-243	250-251	256-257	261-262	266-267	270-271	273-274	277-278	152
151	197-199	208-209	217-218	224-225	232-233	240-241	248-249	254-255	259-260	264-265	268-269	271-272	275-276	151
150	195-196	205-207	215-216	222-223	230-231	238-239	246-247	252-253	257-258	262-263	266-267	269-270	273-274	150
149	193-194	203-204	213-214	220-221	228-229	236-237	243-245	249-251	255-256	259-261	263-265	267-268	270-272	149
148	191-192	201-202	210-212	218-219	225-227	234-235	241-242	247-248	252-254	257-258	261-262	265-266	268-269	148
147	188-190	199-200	208-209	215-217	223-224	232-233	239-240	245-246	250-251	255-256	259-260	262-264	266-267	147
146	186-187	196-198	206-207	213-214	221-222	230-231	237-238	243-244	248-249	252-254	256-258	260-261	263-265	146
145	184-185	194-195	203-205	211-212	218-220	227-229	234-236	240-242	245-247	250-251	254-255	257-259	261-262	145
144	181-183	191-193	200-202	208-210	216-217	224-226	231-233	237-239	242-244	247-249	251-253	254-256	258-260	144
143	178-180	188-190	198-199	205-207	213-215	222-223	228-230	234-236	239-241	244-246	248-250	251-253	255-257	143
142	175-177	185-187	195-197	202-204	210-212	219-221	225-227	231-233	236-238	241-243	245-247	248-250	252-254	142
141	173-174	183-184	192-194	200-201	207-209	216-218	222-224	228-230	233-235	238-240	242-244	245-247	249-251	141
140	170-172	180-182	189-191	197-199	205-206	213-215	219-221	225-227	230-232	235-237	239-241	243-244	246-248	140
139	169	178-179	187-188	195-196	202-204	210-212	216-218	222-224	227-229	232-234	236-238	240-242	243-245	139
138	167-168	176-177	185-186	192-194	199-201	207-209	214-215	219-221	224-226	229-231	233-235	237-239	240-242	138
137	165-166	174-175	182-184	190-191	197-198	204-206	211-213	216-218	221-223	226-228	230-232	234-236	237-239	137
136	163-164	172-173	180-181	187-189	194-196	202-203	208-210	213-215	218-220	223-225	227-229	231-233	234-236	136
135	162	170-171	178-179	185-186	192-193	199-201	205-207	210-212	215-217	220-222	224-226	228-230	231-233	135
134	161	168-169	175-177	182-184	189-191	196-198	202-204	208-209	213-214	217-219	221-223	225-227	229-230	134
133	160	166-167	173-174	180-181	186-188	194-195	200-201	205-207	210-212	215-216	219-220	222-224	226-228	133
132	159	164-165	171-172	177-179	184-185	191-193	197-199	202-204	207-209	212-214	216-218	220-221	224-225	132
131	---	162-163	168-170	175-176	181-183	189-190	194-196	200-201	205-206	209-211	213-215	217-219	221-223	131
130	158	160-161	166-167	173-174	179-180	186-188	192-193	197-199	202-204	207-208	211-212	215-216	219-220	130
129	157	159	165	171-172	177-178	184-185	190-191	195-196	200-201	204-206	208-210	212-214	216-218	129
128	---	158	164	170	176	182-183	188-189	193-194	197-199	202-203	206-207	210-211	214-215	128
127	156	157	163	168-169	174-175	180-181	185-187	190-192	195-196	200-201	204-205	208-209	212-213	127
126	---	156	161-162	166-167	172-173	177-179	183-184	188-189	193-194	197-199	202-203	206-207	210-211	126
125	155	155	160	165	171	176	181-182	186-187	191-192	195-196	200-201	204-205	208-209	125
124	154	---	---	164	169-170	174-175	180	185	189-190	194	198-199	202-203	206-207	124
123	---	---	159	163	168	173	178-179	183-184	187-188	192-193	196-197	200-201	204-205	123
122	153	154	158	162	167	171-172	177	181-182	186	190-191	195	199	203	122
121	---	---	157	161	166	170	175-176	180	184-185	188-189	193-194	197-198	201-202	121
120	152	153	---	160	164-165	169	174	178-179	183	187	191-192	195-196	199-200	120
119	151	152	156	159	163	168	173	177	181-182	186	190	194	198	119
118	---	---	155	158	162	167	172	176	180	184-185	189	193	197	118
117	150	151	154	157	161	165-166	171	175	179	183	187-188	191-192	195-196	117
116	149	150	153	156	160	164	169-170	173-174	178	182	186	190	194	116
115	---	149	152	---	159	163	168	172	176-177	180-181	185	189	193	115
114	148	---	---	155	158	162	167	171	175	179	183-184	187-188	191-192	114
113	147	148	151	154	157	161	166	170	174	178	182	186	190	113
112	146	147	150	153	156	160	165	169	173	177	181	185	189	112
111	145	---	149	152	155	159	164	168	172	176	180	184	188	111
110	---	146	---	151	---	158	163	167	170-171	175	179	183	187	110
109	144	---	148	---	154	157	162	165-166	169	173-174	178	182	186	109
108	---	145	---	150	153	---	161	164	168	172	177	181	185	108
107	---	---	147	149	152	156	160	163	167	171	176	180	184	107
106	143	144	---	---	---	155	159	162	166	170	175	179	183	106
105	---	---	146	148	151	154	158	161	165	169	174	178	182	105

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
104	142	143	145	147	150	153	157	160	164	168	173	177	181	104
103	---	---	---	---	149	152	156	---	163	167	172	176	179-180	103
102	141	142	144	146	---	---	155	159	162	166	171	175	178	102
101	---	---	---	---	148	151	154	158	161	165	170	174	177	101
100	140	141	143	145	147	150	153	157	160	164	169	173	176	100
99	---	---	---	---	---	---	---	156	159	163	168	172	175	99
98	---	---	142	144	146	149	152	---	---	---	167	171	174	98
97	139	---	---	---	---	---	151	155	158	162	166	170	---	97
96	---	140	---	143	145	148	---	154	157	161	165	169	173	96
95	---	---	141	142	---	147	150	153	---	160	164	168	172	95
94	138	139	---	---	144	---	---	---	156	---	163	167	171	94
93	---	---	140	---	---	146	149	152	155	159	---	166	170	93
92	---	---	---	141	143	---	148	151	---	158	162	---	169	92
91	137	138	139	---	---	145	---	---	154	157	161	165	168	91
90	---	---	---	140	142	144	147	150	153	156	160	164	167	90
89	---	---	---	---	---	---	---	149	152	---	159	163	166	89
88	136	137	138	139	141	143	146	---	---	155	---	162	---	88
87	---	---	---	---	---	---	145	148	151	154	158	161	165	87
86	---	---	---	138	140	142	---	---	150	---	157	---	164	86
85	135	136	137	---	---	---	144	147	---	153	156	160	163	85
84	---	---	---	---	139	141	---	146	149	152	---	159	162	84
83	---	135	136	137	---	---	143	---	148	151	155	158	161	83
82	134	---	---	---	---	140	---	145	---	---	154	157	---	82
81	---	---	---	136	138	---	142	144	147	150	153	---	160	81
80	133	134	135	---	---	139	---	---	146	149	152	156	159	80
79	---	---	---	---	137	---	141	143	---	---	---	155	158	79
78	---	---	134	135	---	138	140	---	145	148	151	154	157	78
77	132	133	---	---	136	---	---	142	---	147	150	153	---	77
76	---	---	---	---	---	137	139	141	144	---	---	---	156	76
75	131	---	133	134	135	---	---	---	143	146	149	152	155	75
74	---	132	---	---	---	136	138	140	142	145	148	151	154	74
73	130	131	132	133	134	---	137	139	---	144	147	150	153	73
72	129	130	131	---	---	135	---	---	141	---	---	---	152	72
71	128	---	---	132	133	---	136	138	140	143	146	149	---	71
70	127	129	130	131	---	134	---	137	---	142	145	148	151	70
69	---	128	---	---	132	133	135	---	139	---	144	147	150	69
68	126	127	129	130	131	---	134	136	138	141	---	---	---	68
67	125	---	128	---	---	132	---	---	---	140	143	146	149	67
66	124	126	---	129	130	---	133	135	137	---	142	145	148	66
65	---	125	127	128	---	131	---	134	---	139	---	---	147	65
64	123	---	126	---	129	130	132	---	136	138	141	144	146	64
63	---	124	---	127	128	---	131	133	135	137	140	143	145	63
62	122	---	125	126	127	129	130	132	134	---	139	142	---	62
61	---	123	124	125	---	128	---	131	133	136	138	141	144	61
60	121	122	---	124	126	127	129	---	---	135	137	140	143	60
59	120	121	123	123	125	126	128	130	132	134	---	139	142	59
58	119	120	122	122	124	---	127	129	131	---	136	---	141	58
57	118	119	121	121	123	125	126	128	---	133	135	138	---	57
56	117	118	120	120	122	124	---	---	130	132	---	137	140	56
55	116	117	119	---	121	123	125	127	129	131	134	---	139	55
54	115	---	118	119	---	122	124	126	128	130	133	136	138	54
53	---	116	117	118	120	---	123	125	127	---	132	135	137	53
52	114	115	---	---	119	121	---	124	126	129	131	134	136	52
51	113	114	116	117	---	120	122	---	---	128	130	133	135	51
50	1-112	1-113	1-115	1-116	1-118	1-119	1-121	1-123	1-125	1-127	1-129	1-132	1-134	50

Universal Scale Score to Standard Age Score: Quantitative (ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	294+	297+	300+	303+	306+	309+	312+	314+	317+	319+	322+	324+	326+	160
159	293	296	299	302	305	307-308	310-311	313	315-316	318	320-321	322-323	324-325	159
158	291-292	294-295	297-298	300-301	303-304	306	308-309	311-312	314	316-317	318-319	321	323	158
157	289-290	292-293	295-296	298-299	301-302	304-305	307	309-310	312-313	315	317	319-320	321-322	157
156	287-288	291	294	297	300	302-303	305-306	308	310-311	313-314	315-316	317-318	319-320	156
155	286	289-290	292-293	295-296	298-299	301	304	306-307	309	311-312	314	316	318	155
154	284-285	287-288	290-291	293-294	296-297	299-300	302-303	304-305	307-308	310	312-313	314-315	316-317	154
153	282-283	285-286	288-289	291-292	294-295	297-298	300-301	303	305-306	308-309	310-311	312-313	314-315	153
152	280-281	283-284	287	290	293	295-296	298-299	301-302	304	306-307	308-309	311	313	152
151	278-279	282	285-286	288-289	291-292	294	296-297	299-300	302-303	304-305	307	309-310	311-312	151
150	276-277	279-281	283-284	286-287	289-290	292-293	294-295	297-298	300-301	302-303	305-306	307-308	309-310	150
149	274-275	277-278	280-282	283-285	286-288	289-291	292-293	295-296	297-299	300-301	302-304	305-306	307-308	149
148	271-273	275-276	278-279	281-282	284-285	287-288	290-291	292-294	295-296	298-299	300-301	302-304	304-306	148
147	269-270	272-274	275-277	278-280	281-283	284-286	287-289	290-291	293-294	295-297	298-299	300-301	302-303	147
146	266-268	270-271	273-274	276-277	279-280	282-283	285-286	288-289	290-292	293-294	295-297	298-299	300-301	146
145	264-265	267-269	270-272	273-275	276-278	279-281	282-284	285-287	288-289	290-292	293-294	295-297	297-299	145
144	261-263	264-266	267-269	270-272	274-275	276-278	279-281	282-284	285-287	288-289	290-292	293-294	295-296	144
143	258-260	261-263	265-266	268-269	271-273	274-275	277-278	280-281	282-284	285-287	288-289	290-292	292-294	143
142	255-257	258-260	262-264	265-267	268-270	271-273	274-276	277-279	280-281	282-284	285-287	287-289	290-291	142
141	252-254	256-257	259-261	262-264	265-267	268-270	271-273	274-276	277-279	280-281	282-284	285-286	287-289	141
140	249-251	253-255	256-258	259-261	262-264	265-267	268-270	271-273	274-276	277-279	280-281	282-284	284-286	140
139	247-248	250-252	253-255	256-258	260-261	263-264	266-267	268-270	271-273	274-276	277-279	279-281	281-283	139
138	244-246	247-249	250-252	254-255	257-259	260-262	263-265	266-267	268-270	271-273	274-276	276-278	279-280	138
137	241-243	244-246	247-249	251-253	254-256	257-259	260-262	263-265	266-267	268-270	271-273	273-275	276-278	137
136	238-240	241-243	245-246	248-250	251-253	254-256	257-259	260-262	263-265	265-267	268-270	270-272	273-275	136
135	235-237	239-240	242-244	245-247	248-250	251-253	254-256	257-259	260-262	263-264	265-267	268-269	270-272	135
134	232-234	236-238	239-241	243-244	246-247	249-250	252-253	255-256	257-259	260-262	263-264	265-267	267-269	134
133	230-231	233-235	237-238	240-242	243-245	246-248	249-251	252-254	255-256	258-259	260-262	262-264	265-266	133
132	227-229	231-232	234-236	237-239	241-242	244-245	247-248	250-251	252-254	255-257	257-259	260-261	262-264	132
131	225-226	228-230	232-233	235-236	238-240	241-243	244-246	247-249	250-251	252-254	255-256	257-259	259-261	131
130	222-224	226-227	229-231	233-234	236-237	239-240	242-243	245-246	247-249	250-251	252-254	255-256	257-258	130
129	220-221	224-225	227-228	231-232	234-235	237-238	240-241	243-244	245-246	248-249	250-251	252-254	255-256	129
128	218-219	222-223	225-226	228-230	232-233	235-236	238-239	240-242	243-244	246-247	248-249	250-251	252-254	128
127	216-217	219-221	223-224	226-227	230-231	233-234	236-237	238-239	241-242	243-245	246-247	248-249	250-251	127
126	214-215	217-218	221-222	224-225	227-229	231-232	233-235	236-237	239-240	241-242	244-245	246-247	248-249	126
125	212-213	215-216	219-220	222-223	226	229-230	231-232	234-235	237-238	239-240	241-243	244-245	246-247	125
124	210-211	214	217-218	221	224-225	227-228	230	232-233	235-236	237-238	240	242-243	244-245	124
123	208-209	212-213	215-216	219-220	222-223	225-226	228-229	230-231	233-234	235-236	238-239	240-241	242-243	123
122	207	210-211	214	217-218	220-221	223-224	226-227	229	231-232	233-234	236-237	238-239	240-241	122
121	205-206	208-209	212-213	215-216	218-219	221-222	224-225	227-228	229-230	232	234-235	236-237	238-239	121
120	203-204	207	210-211	214	217	220	223	225-226	228	230-231	232-233	234-235	236-237	120
119	202	205-206	209	212-213	215-216	218-219	221-222	224	226-227	228-229	230-231	232-233	234-235	119
118	200-201	204	208	211	214	217	219-220	222-223	224-225	227	229	231	233	118
117	199	203	206-207	209-210	212-213	215-216	218	221	223	225-226	227-228	229-230	231-232	117
116	198	201-202	205	208	211	214	216-217	219-220	221-222	224	226	227-228	229-230	116
115	196-197	200	203-204	207	210	212-213	215	218	220	222-223	224-225	226	228	115
114	195	199	202	205-206	208-209	211	214	216-217	219	221	223	225	226-227	114
113	194	197-198	201	204	207	210	212-213	215	217-218	219-220	221-222	223-224	225	113
112	193	196	200	203	206	209	211	214	216	218	220	222	224	112
111	191-192	195	198-199	201-202	204-205	207-208	210	212-213	215	217	219	221	222-223	111
110	190	194	197	200	203	206	209	211	213-214	215-216	217-218	219-220	221	110
109	189	193	196	199	202	205	207-208	210	212	216	218	219-220	220	109
108	188	192	195	198	201	204	206	209	211	213	215	216-217	218	108
107	187	191	194	197	200	203	205	207-208	209-210	211-212	213-214	215	217	107
106	---	190	193	196	199	202	204	206	208	210	212	214	215-216	106

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	186	189	192	195	198	200-201	203	205	207	209	211	212-213	214	105
104	184-185	188	191	194	197	199	202	204	206	208	210	211	213	104
103	183	186-187	190	193	195-196	198	200-201	203	205	206-207	208-209	210	212	103
102	182	185	189	192	194	197	199	201-202	203-204	205	207	209	210-211	102
101	181	184	188	191	193	196	198	200	202	204	206	208	209	101
100	180	183	187	190	192	195	197	199	201	203	205	207	208	100
99	179	182	186	189	191	194	196	198	200	202	204	206	207	99
98	178	181	185	188	190	193	195	197	199	201	203	205	206	98
97	177	180	184	187	189	192	194	196	198	200	202	203-204	205	97
96	176	179	183	185-186	188	191	193	195	197	199	201	202	204	96
95	175	---	182	184	187	190	192	194	196	198	200	201	203	95
94	174	178	181	183	186	189	191	193	195	197	199	200	202	94
93	173	177	180	182	185	188	190	192	194	196	198	199	201	93
92	172	176	179	181	184	187	189	191	193	195	197	198	200	92
91	---	175	178	---	183	186	188	190	192	194	196	197	199	91
90	171	174	177	180	182	185	187	189	191	193	195	196	198	90
89	170	173	176	179	181	184	186	188	190	192	194	195	197	89
88	169	172	175	178	180	183	185	187	189	191	193	194	196	88
87	168	171	174	177	179	182	184	186	188	190	192	193	195	87
86	167	170	173	176	178	181	183	185	187	189	191	192	194	86
85	166	169	172	175	---	180	182	184	186	188	190	---	193	85
84	165	168	171	174	177	179	181	183	185	187	189	191	192	84
83	---	167	170	173	176	178	180	182	184	186	188	190	191	83
82	164	---	169	172	175	177	179	181	183	185	187	189	190	82
81	163	166	---	171	174	176	178	---	182	184	186	188	189	81
80	162	165	168	170	173	175	177	180	---	183	185	187	188	80
79	161	164	167	169	172	174	---	179	181	182	184	186	187	79
78	160	163	166	---	171	173	176	178	180	---	183	185	---	78
77	159	162	165	168	170	---	175	177	179	181	182	184	186	77
76	---	---	164	167	169	172	174	176	178	180	---	183	185	76
75	158	161	163	166	168	171	173	175	177	179	181	182	184	75
74	157	160	---	165	---	170	172	174	176	178	180	181	183	74
73	156	159	162	164	167	169	171	173	175	177	179	---	182	73
72	155	158	161	163	166	168	170	---	174	176	178	180	181	72
71	---	157	160	---	165	167	---	172	---	175	177	179	180	71
70	154	---	159	162	164	---	169	171	173	---	176	178	---	70
69	153	156	158	161	163	166	168	170	172	174	175	177	179	69
68	152	155	---	160	---	165	167	169	171	173	---	176	178	68
67	---	154	157	159	162	164	166	168	170	172	174	175	177	67
66	151	---	156	---	161	163	165	167	169	171	173	---	176	66
65	150	153	155	158	160	162	164	---	168	170	172	174	175	65
64	149	152	154	157	159	161	---	166	167	169	171	173	---	64
63	148	151	153	156	158	160	163	165	---	168	170	172	174	63
62	147	150	152	155	157	159	162	164	166	167	169	171	173	62
61	146	149	151	154	156	158	161	163	165	---	168	170	172	61
60	145	148	150	153	155	157	160	162	164	166	167	169	171	60
59	---	147	---	152	154	---	159	161	163	165	166	168	170	59
58	144	146	149	151	153	156	158	160	162	164	---	167	169	58
57	143	---	148	150	---	155	157	159	161	163	165	166	168	57
56	142	145	147	149	152	154	156	158	160	162	164	165	167	56
55	141	144	146	148	151	153	155	157	159	161	163	164	166	55
54	140	143	145	147	149-150	152	154	156	158	160	161-162	163	165	54
53	139	142	144	146	148	150-151	153	155	156-157	158-159	160	162	164	53
52	138	141	143	145	147	149	151-152	153-154	155	157	159	161	163	52
51	137	139-140	142	144	146	148	150	152	154	156	158	160	161-162	51
50	1-136	1-138	1-141	1-143	1-145	1-147	1-149	1-151	1-153	1-155	1-157	1-159	1-160	50

Universal Scale Score to Standard Age Score: Quantitative (ages 11-6 through 14-6; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	328+	329+	331+	332+	334+	335+	336+	337+	338+	339+	340+	340+	341+	160
159	326-327	328	329-330	331	332-333	333-334	334-335	335-336	336-337	337-338	338-339	339	339-340	159
158	324-325	326-327	328	329-330	330-331	332	333	334	335	335-336	336-337	337-338	338	158
157	323	324-325	326-327	327-328	329	330-331	331-332	332-333	333-334	334	334-335	335-336	336-337	157
156	321-322	323	324-325	326	327-328	328-329	329-330	330-331	331-332	332-333	333	333-334	334-335	156
155	319-320	321-322	323	324-325	325-326	326-327	328	329	329-330	330-331	331-332	332	332-333	155
154	318	319-320	321-322	322-323	324	325	326-327	327-328	328	328-329	329-330	330-331	330-331	154
153	316-317	318	319-320	321	322-323	323-324	324-325	325-326	326-327	327	327-328	328-329	329	153
152	314-315	316-317	318	319-320	320-321	321-322	322-323	323-324	324-325	325-326	326	326-327	327-328	152
151	313	314-315	316-317	317-318	319	320	321	322	323	323-324	324-325	325	325-326	151
150	311-312	312-313	314-315	315-316	317-318	318-319	319-320	320-321	321-322	321-322	322-323	323-324	323-324	150
149	308-310	310-311	312-313	313-314	315-316	316-317	317-318	318-319	319-320	320	320-321	321-322	321-322	149
148	306-307	308-309	310-311	311-312	312-314	314-315	315-316	316-317	317-318	318-319	318-319	319-320	320	148
147	304-305	306-307	307-309	309-310	310-311	312-313	313-314	314-315	315-316	316-317	316-317	317-318	318-319	147
146	302-303	304-305	305-306	307-308	308-309	310-311	311-312	312-313	313-314	314-315	315	315-316	316-317	146
145	299-301	301-303	303-304	305-306	306-307	307-309	309-310	310-311	311-312	312-313	313-314	313-314	314-315	145
144	297-298	299-300	300-302	302-304	304-305	305-306	306-308	307-309	309-310	309-311	310-312	311-312	312-313	144
143	294-296	296-298	298-299	300-301	301-303	303-304	304-305	305-306	306-308	307-308	308-309	309-310	310-311	143
142	292-293	294-295	296-297	297-299	299-300	300-302	302-303	303-304	304-305	305-306	306-307	307-308	307-309	142
141	289-291	291-293	293-295	295-296	296-298	298-299	299-301	301-302	302-303	303-304	304-305	305-306	305-306	141
140	287-288	289-290	290-292	292-294	294-295	295-297	297-298	298-300	299-301	300-302	301-303	302-304	303-304	140
139	284-286	286-288	287-289	289-291	291-293	292-294	294-296	295-297	296-298	297-299	298-300	299-301	300-302	139
138	281-283	283-285	284-286	286-288	288-290	289-291	291-293	292-294	293-295	294-296	295-297	296-298	297-299	138
137	278-280	280-282	281-283	283-285	285-287	286-288	288-290	289-291	290-292	291-293	292-294	293-295	293-296	137
136	275-277	277-279	279-280	280-282	282-284	283-285	285-287	286-288	287-289	288-290	289-291	290-292	290-292	136
135	272-274	274-276	276-278	277-279	279-281	280-282	282-284	283-285	284-286	285-287	286-288	287-289	287-289	135
134	269-271	271-273	273-275	275-276	276-278	278-279	279-281	280-282	281-283	282-284	283-285	284-286	285-286	134
133	267-268	268-270	270-272	272-274	273-275	275-277	276-278	277-279	278-280	279-281	280-282	281-283	282-284	133
132	264-266	266-267	268-269	269-271	271-272	272-274	273-275	275-276	276-277	277-279	278-280	279-281	279-281	132
131	261-263	263-265	265-267	266-268	268-270	269-271	271-272	272-274	273-275	274-275	274-276	275-277	276-278	131
130	259-260	261-262	262-264	264-265	265-267	267-268	268-270	269-271	270-272	271-273	272-273	272-274	273-275	130
129	256-258	258-260	260-261	262-263	263-264	264-266	265-267	267-268	268-269	268-270	269-271	270-271	270-272	129
128	254-255	256-257	258-259	259-261	261-262	262-263	263-264	264-266	265-267	266-267	267-268	267-269	268-269	128
127	252-253	254-255	255-257	257-258	258-260	259-261	261-262	262-263	262-264	263-265	264-266	265-266	265-267	127
126	250-251	251-253	253-254	254-256	256-257	257-258	258-260	259-261	260-261	261-262	261-263	262-264	263-264	126
125	247-249	249-250	251-252	252-253	254-255	255-256	256-257	257-258	258-259	258-260	259-260	260-261	260-262	125
124	245-246	247-248	249-250	250-251	252-253	253-254	254-255	255-256	256-257	256-257	257-258	258-259	258-259	124
123	243-244	245-246	247-248	248-249	249-251	251-252	252-253	253-254	254-255	254-255	255-256	256-257	256-257	123
122	242	243-244	245-246	246-247	247-248	249-250	250-251	251-252	252-253	252-253	253-254	254-255	254-255	122
121	240-241	241-242	243-244	244-245	245-246	247-248	248-249	249-250	250-251	250-251	251-252	252-253	252-253	121
120	238-239	239-240	241-242	242-243	244	245-246	246-247	247-248	248-249	248-249	249-250	250-251	250-251	120
119	236-237	238	239-240	241	242-243	243-244	244-245	245-246	246-247	247	247-248	248-249	248-249	119
118	234-235	236-237	237-238	239-240	240-241	241-242	242-243	243-244	244-245	245-246	245-246	246-247	246-247	118
117	233	234-235	236	237-238	238-239	239-240	240-241	241-242	242-243	243-244	244	244-245	245	117
116	231-232	233	234-235	235-236	237	238	239	240	240-241	241-242	242-243	242-243	243-244	116
115	229-230	231-232	232-233	234	235-236	236-237	237-238	238-239	239	239-240	240-241	241	241-242	115
114	228	230	231	232-233	234	235	236	237	237-238	238	239	239-240	240	114
113	227	228-229	230	231	232-233	233-234	234-235	235-236	236	237	237-238	238	238-239	113
112	225-226	227	228-229	230	231	232	233	234	234-235	235-236	236	236-237	237	112
111	224	225-226	227	228-229	229-230	230-231	231-232	232-233	233	234	234-235	235	235-236	111
110	223	224	225-226	227	228	229	230	231	232	232-233	233	233-234	234	110
109	221-222	223	224	225-226	226-227	228	229	229-230	230-231	231	231-232	232	232-233	109
108	220	221-222	223	224	225	226-227	227-228	228	229	229-230	230	231	231	108
107	218-219	220	221-222	222-223	224	225	226	227	227-228	228	229	229-230	230	107
106	217	218-219	220	221	222-223	223-224	224-225	225-226	226	227	227-228	228	228-229	106

Score	Chronological Age														Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6		
105	216	217	218-219	220	221	222	223	224	225	225-226	226	227	227	105	
104	214-215	216	217	219	220	221	222	223	223-224	224	225	225-226	226	104	
103	213	215	216	217-218	218-219	220	221	221-222	222	223	224	224	225	103	
102	212	213-214	214-215	216	217	218-219	219-220	220	221	221-222	222-223	223	223-224	102	
101	211	212	213	215	216	217	218	219	219-220	220	221	221-222	222	101	
100	210	211	212	214	215	216	217	218	218	219	220	220	221	100	
99	209	210	211	213	214	215	216	217	217	218	219	219	220	99	
98	208	209	210	212	213	214	215	216	216	217	218	218	219	98	
97	207	208	209	210-211	212	213	214	214-215	215	216	217	217	218	97	
96	205-206	207	208	209	210-211	211-212	212-213	213	214	215	215-216	216	216-217	96	
95	204	206	207	208	209	210	211	212	213	214	214	215	215	95	
94	203	205	206	207	208	209	210	211	212	213	213	214	214	94	
93	202	204	205	206	207	208	209	210	211	212	212	213	213	93	
92	201	203	204	205	206	207	208	209	210	211	211	212	212	92	
91	200	202	203	204	205	206	207	208	209	210	210	211	211	91	
90	199	201	202	203	204	205	206	207	208	209	209	210	210	90	
89	198	200	201	202	203	204	205	206	207	208	208	209	209	89	
88	197	199	200	201	202	203	204	205	206	207	207	208	208	88	
87	196	198	199	200	---	---	203	204	205	206	206	207	207	87	
86	---	197	198	199	201	202	---	203	204	205	---	206	---	86	
85	195	196	197	---	200	201	202	202	203	204	205	205	206	85	
84	194	195	196	198	199	200	201	---	202	203	204	204	205	84	
83	193	194	195	197	198	199	200	201	201	202	203	203	204	83	
82	192	193	194	196	197	198	199	200	200	201	202	202	203	82	
81	191	192	193	195	196	197	198	199	199	200	201	201	202	81	
80	190	191	---	194	195	196	197	198	---	199	200	200	201	80	
79	189	190	192	193	194	195	196	197	198	198	199	---	200	79	
78	188	189	191	192	193	194	195	196	197	---	198	199	199	78	
77	187	---	190	191	192	193	194	195	196	197	197	198	---	77	
76	186	188	189	190	191	---	---	194	195	196	---	197	198	76	
75	185	187	188	189	---	192	193	---	194	195	196	196	197	75	
74	---	186	187	---	190	191	192	193	---	194	195	---	196	74	
73	184	185	---	188	189	190	191	192	193	---	194	195	---	73	
72	183	184	186	187	188	189	190	191	192	193	---	194	195	72	
71	182	183	185	186	187	188	189	190	191	192	193	193	194	71	
70	181	---	184	185	---	---	---	---	---	191	192	---	193	70	
69	180	182	183	---	186	187	188	189	190	---	191	192	---	69	
68	179	181	182	184	185	186	187	188	189	190	---	191	192	68	
67	---	180	---	183	184	185	186	187	188	189	190	---	191	67	
66	178	179	181	182	183	---	---	---	---	188	189	190	---	66	
65	177	178	180	181	---	184	185	186	187	---	---	189	190	65	
64	176	---	179	---	182	183	184	185	186	187	188	---	189	64	
63	175	177	178	180	181	182	183	184	185	186	187	188	188	63	
62	174	176	177	179	180	181	---	---	---	---	186	187	---	62	
61	---	175	---	178	179	---	182	183	184	185	---	186	187	61	
60	173	174	176	177	---	180	181	182	183	184	185	---	186	60	
59	172	173	175	176	178	179	180	181	182	183	184	185	---	59	
58	171	172	174	175	177	178	179	---	---	---	183	184	185	58	
57	170	171	173	---	176	177	---	180	181	182	---	183	184	57	
56	169	---	172	174	175	176	178	179	180	181	182	---	183	56	
55	168	170	171	173	174	---	177	178	179	180	181	182	---	55	
54	167	168-169	170	172	173	174-175	176	177	178	179	180	181	182	54	
53	166	167	169	171	172	173	175	176	177	178	179	180	181	53	
52	164-165	166	168	169-170	171	172	174	175	176	177	178	179	180	52	
51	163	165	167	168	170	171	173	174	175	176	177	178	179	51	
50	1-162	1-164	1-166	1-167	1-169	1-170	1-172	1-173	1-174	1-175	1-176	1-177	1-178	50	

Universal Scale Score to Standard Age Score: Quantitative (ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	342+	343+	343+	344+	345+	346+	346+	347+	348+	349+	350+	351+	352+	354+	160
159	340-341	341-342	341-342	342-343	343-344	344-345	344-345	345-346	346-347	347-348	348-349	349-350	350-351	352-353	159
158	338-339	339-340	340	340-341	341-342	342-343	342-343	343-344	344-345	345-346	346-347	347-348	348-349	349-351	158
157	336-337	337-338	338-339	338-339	339-340	340-341	340-341	341-342	342-343	343-344	344-345	345-346	346-347	347-348	157
156	335	335-336	336-337	336-337	337-338	338-339	338-339	339-340	340-341	341-342	342-343	343-344	344-345	345-346	156
155	333-334	333-334	334-335	335	335-336	336-337	337	337-338	338-339	339-340	340-341	341-342	342-343	343-344	155
154	331-332	332	332-333	333-334	333-334	334-335	335-336	335-336	336-337	337-338	337-339	338-340	340-341	341-342	154
153	329-330	330-331	330-331	331-332	331-332	332-333	333-334	333-334	334-335	335-336	335-336	336-337	337-339	339-340	153
152	327-328	328-329	328-329	329-330	330	330-331	331-332	331-332	332-333	333-334	333-334	334-335	335-336	336-338	152
151	326	326-327	327	327-328	328-329	328-329	329-330	329-330	330-331	331-332	331-332	332-333	333-334	334-335	151
150	324-325	324-325	325-326	325-326	326-327	326-327	327-328	327-328	328-329	329-330	329-330	330-331	331-332	332-333	150
149	322-323	323	323-324	324	324-325	325	325-326	326	326-327	327-328	327-328	328-329	329-330	330-331	149
148	320-321	321-322	321-322	322-323	322-323	323-324	323-324	324-325	324-325	325-326	325-326	326-327	326-328	327-329	148
147	318-319	319-320	319-320	320-321	320-321	321-322	321-322	322-323	322-323	323-324	323-324	324-325	324-325	325-326	147
146	317	317-318	318	318-319	319	319-320	320	320-321	320-321	321-322	321-322	321-322	322-323	323-324	146
145	315-316	315-316	316-317	316-317	317-318	317-318	318-319	318-319	318-319	319-320	319-320	319-320	320-321	320-322	145
144	312-314	313-314	313-315	314-315	314-316	315-316	315-317	316-317	316-317	316-318	316-318	317-318	317-319	317-319	144
143	310-311	311-312	311-312	312-313	312-313	313-314	313-314	313-315	314-315	314-315	314-315	314-316	314-316	315-316	143
142	308-309	309-310	309-310	310-311	310-311	311-312	311-312	311-312	311-313	312-313	312-313	312-313	312-313	312-314	142
141	306-307	306-308	307-308	308-309	308-309	308-310	309-310	309-310	309-310	309-311	309-311	309-311	309-311	309-311	141
140	303-305	304-305	304-306	305-307	305-307	306-307	306-308	306-308	306-308	307-308	307-308	307-308	307-308	307-308	140
139	300-302	301-303	301-303	302-304	302-304	303-305	303-305	303-305	303-305	304-306	304-306	304-306	304-306	304-306	139
138	297-299	298-300	298-300	299-301	299-301	300-302	300-302	300-302	300-302	301-303	301-303	301-303	301-303	301-303	138
137	294-296	295-297	295-297	296-298	296-298	297-299	297-299	297-299	297-299	298-300	298-300	298-300	298-300	298-300	137
136	291-293	292-294	292-294	293-295	293-295	294-296	294-296	294-296	294-296	295-297	295-297	295-297	295-297	295-297	136
135	288-290	289-291	289-291	290-292	290-292	291-293	291-293	291-293	291-293	291-294	292-294	292-294	292-294	292-294	135
134	285-287	286-288	286-288	287-289	287-289	288-290	288-290	288-290	288-290	288-290	288-291	288-291	289-291	289-291	134
133	282-284	283-285	283-285	284-286	284-286	285-287	285-287	285-287	285-287	285-287	285-287	285-287	285-288	285-288	133
132	279-281	280-282	280-282	281-283	281-283	282-284	282-284	282-284	282-284	282-284	282-284	282-284	282-284	282-284	132
131	276-278	277-279	277-279	277-280	278-280	278-280	278-280	278-281	278-281	278-281	278-281	278-281	279-281	279-281	131
130	273-275	274-276	274-276	275-276	275-277	275-277	275-277	275-277	275-277	275-277	275-277	275-277	276-278	276-278	130
129	271-272	271-273	272-273	272-274	272-274	273-274	273-274	273-274	273-274	273-274	273-274	273-274	273-275	273-275	129
128	268-270	269-270	269-271	269-271	270-271	270-271	270-272	270-272	270-272	270-272	270-272	270-272	270-272	270-272	128
127	266-267	266-268	266-268	267-268	267-269	267-269	267-269	267-269	267-269	267-269	267-269	267-269	267-269	268-269	127
126	263-265	263-265	264-265	264-266	264-266	264-266	264-266	264-266	265-266	265-266	265-266	265-266	265-266	265-267	126
125	261-262	261-262	261-263	262-263	262-263	262-263	262-263	262-263	262-264	262-264	262-264	262-264	262-264	263-264	125
124	259-260	259-260	259-260	260-261	260-261	260-261	260-261	260-261	260-261	260-261	260-261	260-261	260-261	260-262	124
123	257-258	257-258	257-258	257-259	258-259	258-259	258-259	258-259	258-259	258-259	258-259	258-259	258-259	258-259	123
122	255-256	255-256	255-256	255-256	256-257	256-257	256-257	256-257	256-257	256-257	256-257	256-257	256-257	256-257	122
121	252-254	253-254	253-254	253-254	253-255	254-255	254-255	254-255	254-255	254-255	254-255	254-255	254-255	254-255	121
120	251	251-252	251-252	251-252	251-252	252-253	252-253	252-253	252-253	252-253	252-253	252-253	252-253	252-253	120
119	249-250	249-250	249-250	250	250	250-251	250-251	250-251	250-251	250-251	250-251	250-251	250-251	250-251	119
118	247-248	247-248	247-248	248-249	248-249	248-249	248-249	248-249	248-249	248-249	248-249	248-249	248-249	249	118
117	245-246	245-246	246	246-247	246-247	246-247	246-247	246-247	246-247	246-247	246-247	247	247	247-248	117
116	243-244	243-244	244-245	244-245	244-245	244-245	244-245	244-245	244-245	245	245	245-246	245-246	245-246	116
115	242	242	242-243	242-243	242-243	243	243	243	243	243-244	243-244	243-244	243-244	243-244	115
114	240-241	240-241	241	241	241	241-242	241-242	241-242	241-242	241-242	241-242	241-242	241-242	242	114
113	239	239	239-240	239-240	239-240	239-240	240	240	240	240	240	240	240-241	240-241	113
112	237-238	237-238	238	238	238	238	238-239	238-239	238-239	238-239	238-239	238-239	238-239	238-239	112
111	236	236	236-237	236-237	236-237	236-237	236-237	236-237	237	237	237	237	237	237	111
110	234-235	234-235	235	235	235	235	235	235	235-236	235-236	235-236	235-236	235-236	235-236	110
109	233	233	233-234	234	234	234	234	234	234	234	234	234	234	234	109
108	232	232	232	232-233	232-233	232-233	232-233	232-233	232-233	232-233	232-233	232-233	232-233	233	108
107	230-231	231	231	231	231	231	231	231	231	231	231	231	231	231-232	107
106	229	229-230	229-230	230	230	230	230	230	230	230	230	230	230	230	106

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
105	228	228	228	228-229	228-229	228-229	228-229	228-229	228-229	228-229	228-229	228-229	228-229	228-229	105
104	226-227	227	227	227	227	227	227	227	227	227	227	227	227	227	104
103	225	226	226	226	226	226	226	226	226	226	226	226	226	226	103
102	224	224-225	224-225	224-225	224-225	224-225	224-225	224-225	224-225	224-225	224-225	224-225	224-225	224-225	102
101	222-223	223	223	223	223	223	223	223	223	223	223	223	223	223	101
100	221	222	222	222	222	222	222	222	222	222	222	222	222	222	100
99	220	221	221	221	221	221	221	221	221	221	221	221	221	221	99
98	219	220	220	220	220	220	220	220	220	220	220	220	220	220	98
97	218	218-219	219	219	219	219	219	219	219	219	219	219	219	219	97
96	217	217	217-218	218	218	218	218	218	218	218	218	218	218	218	96
95	216	216	216	216-217	217	217	217	217	217	217	217	217	217	217	95
94	215	215	215	215	216	216	216	216	216	216	216	216	216	216	94
93	214	214	214	214	214-215	215	215	215	215	215	215	215	215	215	93
92	213	213	213	213	213	214	214	214	214	214	214	214	214	214	92
91	212	212	212	212	212	212-213	213	213	213	213	213	213	213	213	91
90	211	211	211	211	211	211	212	212	212	212	212	212	212	212	90
89	210	210	210	210	210	---	211	211	211	211	211	211	211	211	89
88	209	209	209	209	---	210	210	210	210	210	210	210	210	210	88
87	208	208	208	---	209	209	209	209	209	209	209	209	209	209	87
86	207	207	207	208	208	208	208	208	208	208	208	208	208	208	86
85	206	206	---	207	207	207	207	207	207	207	207	207	207	207	85
84	205	205	206	206	206	206	206	206	206	206	206	206	206	206	84
83	204	204	205	205	205	205	205	205	205	205	205	205	205	205	83
82	203	203	204	204	204	204	204	204	204	204	204	204	204	204	82
81	202	202	203	203	203	203	203	203	203	203	203	203	203	203	81
80	201	---	202	202	202	202	202	202	202	202	202	202	---	---	80
79	---	201	201	201	201	201	201	---	---	---	---	---	202	202	79
78	200	200	200	---	---	---	---	201	201	201	201	201	201	201	78
77	199	199	---	200	200	200	200	200	200	200	---	---	---	---	77
76	198	---	199	199	199	199	199	---	---	---	200	200	200	200	76
75	197	198	198	198	198	---	---	---	199	199	199	199	---	---	75
74	---	197	197	---	---	198	198	198	198	198	---	---	199	199	74
73	196	196	---	197	197	197	197	197	---	---	198	198	---	---	73
72	195	---	196	196	196	---	---	---	197	197	197	---	198	198	72
71	---	195	195	---	---	196	196	196	196	---	---	197	197	---	71
70	194	194	---	195	195	195	195	---	---	196	196	---	---	197	70
69	193	---	194	194	194	---	---	195	195	195	---	196	196	---	69
68	192	193	193	---	---	194	194	194	---	---	195	195	---	196	68
67	---	192	---	193	193	193	193	---	194	194	194	---	195	195	67
66	191	---	192	192	192	---	---	193	193	---	---	194	194	---	66
65	190	191	191	---	---	192	192	192	---	193	193	193	---	194	65
64	---	190	---	191	191	191	191	---	192	192	192	---	193	193	64
63	189	189	190	190	190	190	---	191	191	191	191	192	192	192	63
62	188	---	189	189	---	---	190	190	190	190	---	191	191	191	62
61	---	188	188	---	189	189	189	189	189	---	190	190	190	190	61
60	187	187	---	188	188	188	188	188	---	189	189	189	189	---	60
59	186	---	187	187	187	---	---	---	188	188	188	---	---	189	59
58	185	186	186	---	---	187	187	187	187	187	---	---	188	188	58
57	---	185	---	186	186	186	186	186	---	---	187	187	187	---	57
56	184	---	185	185	185	---	---	---	186	186	186	186	---	187	56
55	183	184	184	184	---	---	185	185	185	185	185	---	186	186	55
54	182	183	183	183	184	184	184	184	184	184	184	185	185	185	54
53	181	182	182	182	183	183	183	183	183	183	183	184	184	184	53
52	180	181	181	181	182	182	182	182	182	182	182	182-183	183	183	52
51	179	180	180	180	181	181	181	181	181	181	181	181	182	182	51
50	1-178	1-179	1-179	1-179	1-180	1-180	1-180	1-180	1-180	1-180	1-180	1-180	1-181	1-181	50

**Table 9: Universal Scale Score to Grade Percentile Rank—Quantitative: Fall Norms
(Before December 1st)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	182+	207+	229+	238+	255+	264+	272+	278+	284+	288+	290+	292+	293+	99
98	174-181	199-206	221-228	231-237	247-254	256-263	263-271	268-277	274-283	278-287	280-289	282-291	282-292	98
97	170-173	194-198	215-220	225-230	241-246	250-255	257-262	263-267	268-273	272-277	274-279	275-281	275-281	97
96	167-169	190-193	211-214	222-224	237-240	246-249	253-256	259-262	263-267	267-271	268-273	269-274	270-274	96
95	164-166	187-189	207-210	219-221	233-236	242-245	250-252	255-258	260-262	263-266	264-267	265-268	266-269	95
94	163	185-186	204-206	216-218	230-232	240-241	247-249	253-254	257-259	260-262	261-263	262-264	262-265	94
93	161-162	183-184	202-203	214-215	228-229	237-239	245-246	250-252	255-256	257-259	259-260	259-261	260-261	93
92	160	181-182	200-201	213	226-227	235-236	243-244	248-249	252-254	255-256	256-258	257-258	258-259	92
91	158-159	180	198-199	211-212	224-225	234	241-242	247	251	253-254	254-255	255-256	256-257	91
90	157	179	197	209-210	223	232-233	239-240	245-246	249-250	251-252	253	253-254	254-255	90
89	---	177-178	195-196	208	221-222	231	238	243-244	247-248	250	251-252	251-252	252-253	89
88	156	176	194	207	220	229-230	237	242	246	249	250	250	250-251	88
87	155	175	193	206	219	228	235-236	241	245	247-248	248-249	248-249	249	87
86	---	---	192	205	217-218	227	234	240	244	246	247	247	247-248	86
85	154	174	190-191	204	216	226	233	239	243	245	245-246	246	246	85
84	---	173	189	203	215	225	232	238	241-242	243-244	244	244-245	245	84
83	153	172	188	202	214	224	231	237	240	242	243	243	244	83
82	---	171	187	201	213	223	230	236	239	241	242	242	243	82
81	152	---	---	---	212	222	---	235	---	---	241	241	242	81
80	---	170	186	200	---	221	229	234	238	240	240	---	241	80
79	---	169	185	199	211	---	228	233	237	239	---	240	240	79
78	151	---	---	---	210	220	227	---	236	238	239	239	239	78
77	---	168	184	198	---	219	---	232	235	237	238	238	238	77
76	150	167	183	197	209	---	226	231	---	236	237	237	---	76
75	---	---	---	---	208	218	225	230	234	---	236	---	237	75
74	---	166	182	196	---	217	---	---	233	235	---	236	236	74
73	149	---	181	195	207	---	224	229	232	234	235	235	235	73
72	---	165	---	---	---	216	223	228	---	---	234	---	---	72
71	---	---	180	194	206	---	---	---	231	233	---	234	234	71
70	---	164	---	---	---	215	222	227	230	232	233	233	233	70
69	148	---	179	193	205	---	---	---	---	---	232	---	---	69
68	---	163	---	---	---	214	221	226	229	231	---	232	232	68
67	---	---	178	192	204	---	---	---	---	230	231	231	---	67
66	147	162	---	---	---	213	220	225	228	---	---	---	231	66
65	---	---	177	191	203	---	---	224	227	229	230	230	230	65
64	---	---	---	---	---	212	219	---	---	---	229	---	---	64
63	---	161	176	190	202	---	---	223	226	228	---	229	229	63
62	---	---	---	---	---	211	218	---	---	227	228	---	---	62
61	146	160	---	189	201	---	---	222	225	---	---	228	228	61
60	---	---	175	---	---	210	217	---	---	226	227	227	---	60
59	---	---	---	188	200	---	---	221	224	---	---	---	227	59
58	---	159	174	---	---	209	216	---	---	225	226	226	226	58
57	---	---	---	---	---	---	---	220	223	---	---	---	---	57
56	145	158	---	187	199	208	215	---	222	224	225	225	225	56
55	---	---	173	---	---	---	---	---	---	---	---	---	---	55
54	---	---	---	186	198	207	214	219	221	223	224	224	224	54
53	---	157	172	---	---	---	---	---	---	---	---	---	---	53
52	---	---	---	185	197	206	213	218	220	222	223	223	223	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	144	156	171	184	196	205	212	217	219	221	222	222	222	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	---	---	211	216	---	220	221	---	---	48
47	---	---	170	183	195	204	---	---	218	---	---	221	221	47
46	---	155	---	---	---	---	---	215	---	---	---	---	---	46
45	143	---	169	---	194	203	210	---	217	219	220	220	220	45
44	---	---	---	182	---	---	---	---	---	---	---	---	---	44
43	---	154	---	---	---	---	209	214	---	218	219	---	---	43
42	---	---	168	---	193	202	---	---	216	---	---	219	219	42
41	---	---	---	181	---	---	---	213	---	---	---	---	---	41
40	---	---	---	---	192	201	208	---	215	217	218	218	218	40
39	142	153	167	180	---	---	---	212	---	---	---	---	---	39
38	---	---	---	---	---	---	207	---	---	216	217	---	---	38
37	---	---	166	---	191	200	---	211	214	---	---	217	217	37
36	---	152	---	179	---	---	206	---	---	---	216	---	---	36
35	---	---	---	---	190	199	---	210	213	215	---	216	216	35
34	141	---	165	---	---	---	---	---	---	---	---	---	---	34
33	---	---	---	178	---	---	205	---	212	214	215	215	215	33
32	---	151	---	---	189	198	---	209	---	---	---	---	---	32
31	---	---	164	177	---	---	204	---	---	213	214	---	---	31
30	---	---	---	---	188	197	---	208	211	---	---	214	214	30
29	140	---	---	---	---	---	203	---	---	212	213	---	---	29
28	---	150	163	176	187	196	---	207	210	---	---	213	213	28
27	---	---	---	---	---	---	202	---	---	211	212	---	---	27
26	---	---	---	175	---	195	---	206	209	---	---	212	212	26
25	---	149	162	---	186	---	201	---	---	---	211	---	---	25
24	139	---	---	---	---	---	---	205	208	210	---	211	211	24
23	---	---	---	174	185	194	---	---	---	---	210	---	---	23
22	---	---	161	---	---	---	200	204	207	209	---	210	210	22
21	138	148	---	173	184	193	---	---	---	---	209	---	---	21
20	---	---	160	---	---	---	199	203	206	208	---	209	209	20
19	---	---	---	---	183	192	---	---	---	207	208	---	---	19
18	137	147	---	172	---	---	198	202	205	---	---	208	208	18
17	---	---	159	---	182	191	197	---	---	206	207	---	---	17
16	---	---	---	171	---	---	---	201	204	---	---	207	207	16
15	---	146	158	---	181	190	196	200	203	205	206	206	206	15
14	136	---	---	170	---	189	195	---	---	204	205	---	---	14
13	---	145	157	169	180	---	---	199	202	---	204	205	205	13
12	---	---	---	---	179	188	194	198	201	203	---	204	204	12
11	135	---	156	168	---	187	193	---	200	202	203	203	203	11
10	---	144	---	---	178	186	---	197	---	201	202	---	---	10
9	---	---	155	167	177	---	192	196	199	---	---	202	202	9
8	134	143	154	166	---	185	191	195	198	200	201	201	201	8
7	---	142	---	165	176	184	190	194	197	199	200	200	200	7
6	---	---	153	164	175	183	189	193	196	198	199	199	199	6
5	133	141	152	163	174	182	188	192	195	197	198	198	198	5
4	132	140	151	162	173	181	187	191	194	196	197	197	197	4
3	131	138-139	149-150	161	171-172	179-180	185-186	190	192-193	194-195	195-196	196	196	3
2	129-130	136-137	147-148	158-160	169-170	177-178	183-184	187-189	190-191	192-193	193-194	194-195	194-195	2
1	1-128	1-135	1-146	1-157	1-168	1-176	1-182	1-186	1-189	1-191	1-192	1-193	1-193	1

**Table 10: Universal Scale Score to Grade Percentile Rank—Quantitative: Midyear Norms
(December 1st through February)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	188+	212+	231+	242+	257+	266+	273+	279+	285+	289+	291+	292+	293+	99
98	181-187	205-211	223-230	234-241	249-256	257-265	264-272	270-278	275-284	279-288	281-290	282-291	283-292	98
97	176-180	199-204	218-222	229-233	243-248	251-256	258-263	264-269	269-274	272-278	274-280	275-281	276-282	97
96	173-175	195-198	213-217	226-228	239-242	248-250	254-257	260-263	264-268	267-271	269-273	270-274	270-275	96
95	170-172	192-194	210-212	222-225	235-238	244-247	251-253	256-259	260-263	263-266	264-268	265-269	266-269	95
94	168-169	190-191	207-209	220-221	233-234	242-243	248-250	254-255	258-259	260-262	261-263	262-264	263-265	94
93	167	188-189	205-206	218-219	231-232	239-241	246-247	251-253	255-257	258-259	259-260	259-261	260-262	93
92	165-166	186-187	203-204	216-217	229-230	237-238	244-245	249-250	253-254	256-257	257-258	257-258	258-259	92
91	164	185	202	214-215	227-228	236	242-243	248	251-252	254-255	255-256	255-256	256-257	91
90	163	183-184	200-201	213	225-226	234-235	241	246-247	250	252-253	253-254	253-254	254-255	90
89	162	182	199	212	224	232-233	239-240	245	248-249	250-251	251-252	252	252-253	89
88	161	181	197-198	210-211	222-223	231	238	243-244	247	249	250	250-251	250-251	88
87	160	180	196	209	221	230	237	242	246	247-248	248-249	248-249	249	87
86	---	179	195	208	220	229	236	241	244-245	246	247	247	248	86
85	159	178	194	207	219	228	235	240	243	245	246	246	246-247	85
84	---	177	193	206	218	227	234	239	242	244	244-245	244-245	245	84
83	158	176	192	205	217	226	233	238	241	243	243	243	244	83
82	157	---	191	---	216	225	232	237	240	242	242	242	243	82
81	---	175	190	204	215	224	231	236	239	241	241	241	242	81
80	156	174	---	203	214	223	230	235	238	240	240	---	241	80
79	---	173	189	202	---	---	---	234	---	239	---	240	240	79
78	---	---	188	---	213	222	229	---	237	238	239	239	239	78
77	155	172	---	201	212	221	228	233	236	237	238	238	238	77
76	---	---	187	200	---	---	227	232	235	---	237	237	---	76
75	154	171	186	---	211	220	---	231	234	236	236	---	237	75
74	---	170	---	199	210	219	226	---	---	235	---	236	236	74
73	153	---	185	---	---	---	225	230	233	234	235	235	235	73
72	---	169	---	198	209	218	---	229	232	---	234	---	---	72
71	---	---	184	---	---	---	224	---	---	233	---	234	234	71
70	152	168	---	197	208	217	---	228	231	---	233	233	---	70
69	---	---	183	---	---	---	223	---	230	232	---	---	233	69
68	---	167	182	196	207	216	---	227	---	231	232	232	232	68
67	---	---	---	---	---	---	222	226	229	---	231	231	---	67
66	151	166	181	195	206	215	---	---	---	230	---	---	231	66
65	---	---	---	---	---	---	221	225	228	229	230	230	230	65
64	---	165	180	194	205	214	---	---	227	---	---	---	---	64
63	150	---	---	---	---	---	220	224	---	228	229	229	229	63
62	---	---	---	193	---	213	219	---	226	---	228	---	---	62
61	---	164	179	---	204	---	---	223	---	227	---	228	228	61
60	---	---	---	192	---	212	218	---	225	---	227	227	---	60
59	149	163	178	---	203	---	---	222	---	226	---	---	227	59
58	---	---	---	191	---	211	217	221	224	---	226	226	226	58
57	---	---	177	---	202	---	---	---	---	225	---	---	---	57
56	---	162	---	190	---	210	216	220	223	224	225	225	225	56
55	148	---	176	---	201	---	---	---	---	---	---	---	---	55
54	---	---	---	189	---	209	215	219	222	223	224	224	224	54
53	---	161	---	---	---	---	---	---	---	---	---	---	---	53
52	---	---	175	188	200	208	214	218	221	222	223	223	223	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	147	160	174	187	199	207	213	217	220	221	222	222	222	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	198	---	---	---	219	---	221	---	---	48
47	---	159	173	186	---	206	212	216	---	220	---	221	221	47
46	---	---	---	---	---	---	---	---	---	---	---	---	---	46
45	146	---	---	---	197	205	211	215	218	219	220	220	220	45
44	---	158	172	185	---	---	---	---	---	---	---	---	---	44
43	---	---	---	---	196	---	---	---	217	---	219	---	---	43
42	---	---	---	---	---	204	210	214	---	218	---	219	219	42
41	145	157	171	184	195	---	---	---	216	---	---	---	---	41
40	---	---	---	---	---	203	209	213	---	217	218	218	218	40
39	---	---	---	---	---	---	---	---	---	---	---	---	---	39
38	---	156	170	183	194	---	---	---	215	---	217	---	---	38
37	---	---	---	---	---	202	208	212	---	216	---	217	217	37
36	144	---	---	182	193	---	---	---	214	---	---	---	---	36
35	---	---	169	---	---	201	207	211	---	215	216	216	216	35
34	---	155	---	---	192	---	---	---	213	---	---	---	---	34
33	---	---	168	181	---	200	206	210	---	---	215	215	215	33
32	---	---	---	---	---	---	---	---	---	214	---	---	---	32
31	143	154	---	180	191	---	---	---	212	---	214	---	---	31
30	---	---	167	---	---	199	205	209	---	213	---	214	214	30
29	---	---	---	---	190	---	---	---	211	---	213	---	---	29
28	---	153	---	179	---	198	204	208	---	212	---	213	213	28
27	---	---	166	---	189	---	---	---	210	---	212	---	---	27
26	142	---	---	178	---	197	203	207	---	211	---	212	212	26
25	---	---	---	---	---	---	---	---	209	---	---	---	---	25
24	---	152	165	---	188	196	202	206	---	210	211	211	211	24
23	141	---	---	177	---	---	---	---	208	---	---	---	---	23
22	---	---	164	---	187	195	201	205	---	209	210	210	210	22
21	---	151	---	176	---	---	---	---	207	---	---	---	---	21
20	140	---	---	---	186	194	200	204	---	208	209	209	209	20
19	---	---	163	175	---	---	---	---	206	---	---	---	---	19
18	---	150	---	---	185	193	199	203	---	207	208	208	208	18
17	---	---	162	---	---	---	---	---	205	---	207	---	---	17
16	139	---	---	174	184	192	198	202	204	206	---	207	207	16
15	---	149	---	173	---	---	197	201	---	205	206	206	206	15
14	---	---	161	---	183	191	---	---	203	---	205	---	---	14
13	138	148	160	172	182	190	196	200	202	204	---	205	205	13
12	---	---	---	---	---	---	195	199	---	203	204	204	204	12
11	---	147	159	171	181	189	194	198	201	202	203	203	203	11
10	137	---	---	170	180	188	---	---	200	---	202	---	---	10
9	---	146	158	---	---	187	193	197	199	201	---	202	202	9
8	---	---	157	169	179	---	192	196	---	200	201	201	201	8
7	136	145	---	168	178	186	191	195	198	199	200	200	200	7
6	---	144	156	167	177	185	190	194	197	198	199	199	199	6
5	135	143	155	166	176	184	189	193	196	197	198	198	198	5
4	134	142	154	165	175	183	188	192	194-195	196	197	197	197	4
3	133	141	152-153	163-164	173-174	181-182	187	190-191	193	195	195-196	196	196	3
2	131-132	139-140	150-151	161-162	171-172	179-180	184-186	188-189	191-192	192-194	193-194	194-195	194-195	2
1	1-130	1-138	1-149	1-160	1-170	1-178	1-183	1-187	1-190	1-191	1-192	1-193	1-193	1

**Table 11: Universal Scale Score to Grade Percentile Rank—Quantitative: Spring Norms
(March 1st through July)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	195+	218+	233+	247+	259+	268+	275+	281+	286+	289+	291+	293+	293+	99
98	187-194	210-217	226-232	238-246	251-258	259-267	265-274	271-280	276-285	279-288	281-290	282-292	283-292	98
97	182-186	205-209	220-225	233-237	245-250	253-258	260-264	265-270	270-275	273-278	274-280	275-281	276-282	97
96	179-181	200-204	216-219	229-232	241-244	249-252	256-259	261-264	265-269	268-272	269-273	270-274	270-275	96
95	176-178	197-199	213-215	226-228	238-240	246-248	252-255	257-260	261-264	264-267	265-268	265-269	266-269	95
94	174-175	194-196	210-212	223-225	235-237	243-245	250-251	255-256	258-260	261-263	261-264	262-264	263-265	94
93	172-173	193	208-209	221-222	233-234	241-242	248-249	253-254	256-257	258-260	259-260	260-261	260-262	93
92	171	191-192	206-207	219-220	231-232	239-240	246-247	251-252	254-255	256-257	257-258	257-259	258-259	92
91	169-170	189-190	205	218	229-230	237-238	244-245	249-250	252-253	254-255	255-256	255-256	256-257	91
90	168	188	203-204	216-217	227-228	236	242-243	247-248	250-251	252-253	253-254	253-254	254-255	90
89	167	187	202	215	226	234-235	241	246	249	251	251-252	252	252-253	89
88	166	185-186	201	214	225	233	240	244-245	247-248	249-250	250	250-251	251	88
87	165	184	200	212-213	223-224	232	238-239	243	246	248	248-249	249	249-250	87
86	---	183	198-199	211	222	231	237	242	245	246-247	247	247-248	248	86
85	164	182	197	210	221	230	236	241	244	245	246	246	246-247	85
84	163	181	196	209	220	229	235	240	243	244	244-245	245	245	84
83	---	180	---	208	219	228	234	239	242	243	243	243-244	244	83
82	162	---	195	---	218	227	233	238	241	242	242	242	243	82
81	---	179	194	---	---	226	---	237	240	241	241	241	242	81
80	161	178	193	206	217	225	232	236	239	240	---	---	241	80
79	160	---	---	205	216	---	231	235	238	239	240	240	240	79
78	---	177	192	---	215	224	230	---	237	238	239	239	---	78
77	159	176	191	204	---	223	---	234	236	---	238	238	239	77
76	---	---	---	203	214	---	229	233	---	237	237	237	238	76
75	158	175	190	---	213	222	228	232	235	236	---	---	237	75
74	---	174	189	202	---	221	227	---	234	235	236	236	236	74
73	---	---	---	---	212	---	---	231	233	---	235	235	---	73
72	157	173	188	201	---	220	226	230	---	234	234	---	235	72
71	---	---	---	---	211	---	---	---	232	233	---	234	234	71
70	156	172	187	200	---	219	225	229	---	---	233	233	---	70
69	---	---	---	---	210	---	224	228	231	232	---	---	233	69
68	---	171	186	199	---	218	---	---	230	---	232	232	232	68
67	155	---	---	---	209	217	223	227	---	231	231	231	---	67
66	---	170	185	198	---	---	---	---	229	230	---	---	231	66
65	---	---	---	---	208	216	222	226	228	---	230	230	---	65
64	154	169	184	197	---	---	---	---	---	229	---	---	230	64
63	---	---	---	---	207	---	221	225	227	---	229	229	229	63
62	---	168	183	196	---	215	---	224	---	228	228	---	---	62
61	153	---	---	---	206	---	220	---	226	---	---	228	228	61
60	---	167	182	195	---	214	---	223	---	227	227	227	---	60
59	---	---	---	---	205	---	219	---	225	---	---	---	227	59
58	---	---	181	194	---	213	218	222	---	226	226	226	---	58
57	152	166	---	---	---	---	---	---	224	---	---	---	226	57
56	---	---	---	193	204	212	217	221	223	225	225	225	225	56
55	---	165	180	---	---	---	---	---	---	---	---	---	---	55
54	151	---	---	192	203	211	216	220	222	224	224	224	224	54
53	---	---	179	---	---	---	---	---	---	---	---	---	---	53
52	---	164	---	191	202	210	215	219	221	223	223	223	223	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	150	163	178	190	201	209	214	218	220	222	222	222	222	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	200	208	---	217	---	221	221	---	---	48
47	---	162	177	189	---	---	213	---	219	---	---	221	221	47
46	149	---	---	---	---	---	---	---	---	220	---	---	---	46
45	---	---	176	---	199	207	212	216	218	---	220	220	220	45
44	---	---	---	188	---	---	---	---	---	---	---	---	---	44
43	---	161	---	---	---	206	---	215	---	219	---	---	---	43
42	---	---	175	---	198	---	211	---	217	---	219	219	219	42
41	148	---	---	187	---	---	---	---	---	218	---	---	---	41
40	---	160	174	---	197	205	---	214	216	---	218	218	218	40
39	---	---	---	---	---	---	210	---	---	217	---	---	---	39
38	---	---	---	186	196	204	---	213	---	---	217	---	---	38
37	147	---	173	---	---	---	209	---	215	216	---	217	217	37
36	---	159	---	185	---	203	---	---	---	---	---	---	---	36
35	---	---	---	---	195	---	208	212	214	---	216	216	216	35
34	---	---	172	---	---	---	---	---	---	215	---	---	---	34
33	146	158	---	184	194	202	---	211	213	---	215	215	---	33
32	---	---	171	---	---	---	207	---	---	214	---	---	215	32
31	---	---	---	183	---	201	---	210	---	---	214	---	---	31
30	---	157	---	---	193	---	206	---	212	213	---	214	214	30
29	---	---	170	182	---	200	---	209	---	---	---	---	---	29
28	145	---	---	---	192	---	205	---	211	212	213	213	213	28
27	---	156	169	---	---	199	---	208	---	---	---	---	---	27
26	---	---	---	181	191	---	204	---	210	---	212	212	212	26
25	144	---	---	---	---	---	---	207	---	211	---	---	---	25
24	---	155	168	180	190	198	203	---	209	---	211	211	211	24
23	---	---	---	---	---	---	---	---	---	210	---	---	---	23
22	---	---	---	---	---	197	202	206	208	---	210	210	210	22
21	143	154	167	179	189	---	---	---	---	209	---	---	---	21
20	---	---	---	---	---	196	201	205	207	---	209	209	209	20
19	---	---	166	178	188	---	---	204	---	208	---	---	---	19
18	142	153	---	---	---	195	200	---	206	207	208	208	208	18
17	---	---	---	177	187	---	---	203	---	---	207	---	---	17
16	---	---	165	---	---	194	199	---	205	206	---	207	207	16
15	141	152	---	176	186	193	---	202	204	---	206	206	206	15
14	---	---	164	---	185	---	198	201	---	205	205	---	---	14
13	---	151	---	175	---	192	197	---	203	204	---	205	205	13
12	140	---	163	174	184	191	196	200	202	203	204	204	204	12
11	---	150	162	---	183	190	---	199	201	---	203	203	203	11
10	---	---	---	173	---	---	195	198	---	202	---	---	---	10
9	139	149	161	172	182	189	194	---	200	201	202	202	202	9
8	---	---	160	---	181	188	193	197	199	200	201	201	201	8
7	138	148	---	171	180	187	---	196	198	---	200	200	200	7
6	---	147	159	170	179	186	192	195	197	199	199	199	199	6
5	137	146	158	169	178	185	191	194	196	198	198	198	198	5
4	136	145	157	168	177	184	189-190	193	195	196-197	197	197	197	4
3	135	144	155-156	166-167	175-176	183	188	191-192	193-194	195	195-196	196	196	3
2	133-134	141-143	153-154	164-165	173-174	180-182	185-187	189-190	191-192	193-194	193-194	194-195	194-195	2
1	1-132	1-140	1-152	1-163	1-172	1-179	1-184	1-188	1-190	1-192	1-192	1-193	1-193	1

Nonverbal Battery

Table 12: Raw Score to Universal Scale Score, Complete Battery—Nonverbal

Raw Score	Universal Scale Scores by Level										Raw Score
	5/6	7	8	9	10	11	12	13/14	15/16	17/18	
0	57	58	59	72	85	94	104	110	112	113	0
1	76	77	78	93	105	113	124	130	131	133	1
2	94	95	97	114	125	132	144	150	151	152	2
3	102	103	107	125	135	142	154	160	161	162	3
4	108	109	113	133	142	149	160	166	168	169	4
5	112	113	118	138	147	154	165	170	173	174	5
6	115	116	122	142	151	158	169	174	177	178	6
7	118	119	126	146	154	161	172	177	180	181	7
8	121	122	129	149	157	165	175	179	182	184	8
9	123	124	132	152	160	168	178	182	184	187	9
10	125	126	135	155	163	170	180	184	187	189	10
11	127	128	137	157	165	172	182	186	189	191	11
12	129	130	139	159	167	174	184	188	190	193	12
13	130	132	141	161	168	176	185	189	191	194	13
14	132	134	143	163	170	178	187	190	193	195	14
15	133	136	145	164	172	179	188	192	195	197	15
16	134	138	147	166	174	181	190	193	196	198	16
17	136	140	149	168	175	183	192	195	198	200	17
18	137	142	151	170	177	185	193	196	199	202	18
19	138	143	152	171	179	186	195	198	201	203	19
20	140	145	154	173	180	188	197	199	202	205	20
21	141	146	156	174	182	190	198	201	204	206	21
22	142	148	158	176	184	191	200	203	205	208	22
23	143	150	159	178	186	193	201	204	207	210	23
24	145	152	161	179	187	195	203	206	209	211	24
25	147	154	163	181	188	196	204	207	210	212	25
26	148	156	165	182	189	197	206	208	211	214	26
27	150	158	167	184	191	199	208	210	213	216	27
28	153	160	168	185	193	201	210	212	215	218	28
29	156	163	170	187	195	203	212	214	217	220	29
30	160	166	172	189	197	205	214	216	219	222	30
31	164	168	174	191	198	206	215	217	220	224	31
32	170	172	176	193	200	208	217	219	222	226	32
33	177	175	177	195	201	209	219	221	224	228	33
34	185	179	179	197	203	211	221	223	226	230	34
35	194	184	182	199	205	214	224	225	229	233	35
36	203	190	185	201	207	216	227	228	232	236	36
37	212	197	188	204	209	218	229	230	234	239	37
38	223	204	190	207	211	221	232	233	237	242	38
39		212	193	210	214	224	235	236	240	246	39
40		221	197	213	216	227	238	239	244	250	40
41		230	200	216	219	230	241	242	247	253	41
42		240	204	220	222	233	245	246	251	257	42
43		250	209	224	225	237	250	250	255	262	43
44		262	214	229	228	240	254	254	259	266	44
45			220	234	232	245	259	259	264	271	45
46			227	239	236	248	264	264	268	275	46
47			234	245	240	252	268	269	273	280	47
48			241	252	245	257	273	274	278	286	48
49			248	260	249	262	279	280	284	292	49

Raw Score	Universal Scale Scores by Level										Raw Score
	5/6	7	8	9	10	11	12	13/14	15/16	17/18	
50			256	269	255	267	286	286	291	299	50
51			264	278	261	273	292	293	298	306	51
52			273	287	267	279	298	300	304	313	52
53				297	273	286	305	308	311	321	53
54				308	280	293	313	316	319	330	54
55				319	288	301	321	325	329	340	55
56				331	296	309	329	335	339	350	56
57					305	318	337	345	349	360	57
58					314	327	346	356	359	371	58
59					323	337	355	367	370	383	59
60					333	347	364	379	382	395	60

Table 13: Universal Scale Score to Standard Age Score—Nonverbal**Universal Scale Score to Standard Age Score: Nonverbal (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)**

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	209+	214+	220+	225+	231+	236+	242+	248+	254+	260+	266+	271+	277+	160
159	---	---	219	224	230	235	241	247	253	258-259	264-265	270	275-276	159
158	208	213	218	---	229	---	240	246	251-252	257	263	268-269	274	158
157	207	212	---	223	228	234	239	245	250	256	262	267	272-273	157
156	206	---	217	222	227	233	238	244	249	255	260-261	266	270-271	156
155	---	211	216	221	---	232	---	243	248	254	259	264-265	269	155
154	205	210	215	---	226	---	237	242	---	253	258	263	268	154
153	204	209	---	220	---	231	236	---	247	252	---	---	267	153
152	203	208	214	219	225	230	---	241	---	---	257	262	266	152
151	202	---	213	---	224	---	235	---	246	251	256	261	265	151
150	201	207	212	218	---	229	234	240	245	250	255	260	263-264	150
149	200	206	211	217	222-223	228	233	239	244	249	253-254	258-259	262	149
148	199	205	---	216	221	227	232	237-238	242-243	247-248	252	256-257	260-261	148
147	---	204	210	215	220	226	231	236	241	246	250-251	255	258-259	147
146	198	203	209	214	219	225	230	235	240	244-245	249	253-254	257	146
145	197	202	208	213	218	223-224	228-229	233-234	238-239	243	247-248	251-252	255-256	145
144	196	201	207	212	217	222	227	232	237	241-242	245-246	249-250	253-254	144
143	195	200	205-206	211	216	221	225-226	230-231	235-236	239-240	244	248	251-252	143
142	194	199	204	209-210	214-215	219-220	224	229	233-234	238	242-243	246-247	249-250	142
141	---	---	203	208	213	218	222-223	227-228	231-232	236-237	240-241	244-245	247-248	141
140	192-193	197-198	202	207	211-212	216-217	221	225-226	230	234-235	238-239	242-243	245-246	140
139	191	196	200-201	205-206	210	214-215	219-220	223-224	228-229	232-233	236-237	240-241	243-244	139
138	189-190	194-195	199	203-204	208-209	212-213	217-218	221-222	226-227	230-231	234-235	238-239	241-242	138
137	188	192-193	197-198	202	206-207	211	215-216	219-220	224-225	228-229	232-233	236-237	239-240	137
136	186-187	191	195-196	200-201	204-205	209-210	213-214	217-218	222-223	226-227	230-231	234-235	237-238	136
135	185	189-190	194	198-199	203	207-208	211-212	216	220-221	224-225	228-229	232-233	235-236	135
134	184	188	192-193	197	201-202	205-206	210	214-215	218-219	222-223	226-227	230-231	233-234	134
133	182-183	187	191	195-196	200	204	208-209	212-213	216-217	220-221	224-225	228-229	231-232	133
132	181	185-186	190	194	198-199	202-203	206-207	211	215	219	223	226-227	229-230	132
131	180	184	188-189	192-193	196-197	201	205	209-210	213-214	217-218	221-222	224-225	228	131
130	178-179	182-183	186-187	191	195	199-200	203-204	207-208	211-212	215-216	219-220	223	226-227	130
129	176-177	180-181	185	189-190	193-194	197-198	201-202	205-206	210	213-214	217-218	221-222	224-225	129
128	174-175	178-179	183-184	187-188	191-192	195-196	200	204	208-209	212	216	219-220	223	128
127	172-173	176-177	181-182	185-186	189-190	194	198-199	202-203	206-207	210-211	214-215	218	221-222	127
126	170-171	175	179-180	183-184	188	192-193	196-197	200-201	204-205	209	213	216-217	220	126
125	168-169	173-174	177-178	181-182	186-187	190-191	194-195	199	203	207-208	211-212	215	218-219	125
124	167	171-172	175-176	180	184-185	188-189	193	197-198	201-202	205-206	209-210	213-214	216-217	124
123	165-166	169-170	173-174	178-179	182-183	187	191-192	195-196	199-200	204	208	211-212	215	123
122	163-164	167-168	172	176-177	180-181	185-186	189-190	193-194	198	202-203	206-207	210	213-214	122
121	161-162	165-166	170-171	174-175	179	183-184	187-188	192	196-197	200-201	204-205	208-209	212	121
120	159-160	163-164	168-169	172-173	177-178	181-182	186	190-191	194-195	199	203	207	210-211	120
119	157-158	162	166-167	170-171	175-176	180	184-185	188-189	193	197-198	201-202	205-206	209	119
118	155-156	160-161	164-165	168-169	173-174	178-179	182-183	187	191-192	195-196	200	203-204	207-208	118
117	154	158-159	162-163	166-167	171-172	176-177	181	185-186	189-190	194	198-199	202	205-206	117
116	152-153	156-157	160-161	164-165	169-170	174-175	179-180	184	188	192-193	196-197	200-201	204	116
115	150-151	154-155	158-159	162-163	168	173	178	182-183	186-187	191	195	199	202-203	115
114	149	152-153	157	161	166-167	171-172	176-177	180-181	185	189-190	193-194	197-198	201	114
113	148	151	155-156	159-160	165	170	174-175	179	183-184	188	192	196	199-200	113
112	147	150	154	158	163-164	168-169	173	177-178	182	186-187	190-191	194-195	198	112
111	145-146	148-149	152-153	156-157	162	167	171-172	176	180-181	185	189	193	196-197	111
110	144	147	151	155	160-161	165-166	170	174-175	179	183-184	187-188	191-192	195	110
109	143	146	150	154	159	164	169	173	177-178	182	186	190	194	109
108	142	145	149	152-153	158	163	167-168	172	176	180-181	185	189	192-193	108
107	---	144	148	151	156-157	162	166	170-171	175	179	183-184	187-188	191	107
106	141	143	147	150	155	160-161	165	169	173-174	177-178	182	186	189-190	106
105	140	142	146	149	154	159	163-164	168	172	176	180-181	184-185	188	105

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
104	139	---	145	148	153	158	162	166-167	171	175	179	183	187	104
103	138	141	144	147	152	157	161	165	169-170	174	178	182	186	103
102	---	140	143	146	150-151	156	159-160	164	168	172-173	176-177	180-181	184-185	102
101	137	139	142	145	149	155	158	163	167	171	175	179	183	101
100	136	138	141	144	148	154	157	162	166	170	174	178	182	100
99	---	---	---	143	147	153	156	161	165	169	173	177	180-181	99
98	135	137	140	---	146	152	155	159-160	163-164	167-168	171-172	175-176	179	98
97	---	---	139	142	145	151	154	158	162	166	170	174	178	97
96	134	136	---	141	144	149-150	153	157	161	165	169	173	176-177	96
95	---	---	138	140	---	148	152	156	160	163-164	167-168	171-172	175	95
94	133	135	---	---	143	---	151	155	158-159	162	166	170	174	94
93	132	---	137	139	142	147	150	154	157	161	165	169	173	93
92	---	134	136	138	---	146	149	153	156	160	164	168	171-172	92
91	131	133	---	---	141	145	148	152	155	159	163	166-167	170	91
90	---	---	135	137	---	144	147	151	154	158	161-162	165	169	90
89	---	---	---	136	140	143	146	150	153	157	160	164	168	89
88	130	132	134	---	139	142	145	149	152	155-156	159	163	167	88
87	---	---	133	135	138	141	144	148	151	154	158	162	165-166	87
86	---	131	---	---	---	---	---	147	150	153	157	161	164	86
85	129	---	132	134	137	140	143	146	149	152	156	159-160	163	85
84	---	130	---	133	136	139	142	145	148	151	155	158	162	84
83	128	---	131	---	135	138	141	144	147	150	154	157	161	83
82	---	129	---	132	134	---	140	143	146	149	153	156	160	82
81	---	---	130	---	133	137	139	142	145	148	152	155	159	81
80	127	128	---	131	---	136	---	141	144	147	151	154	158	80
79	---	---	129	---	132	135	138	140	143	146	150	153	157	79
78	126	127	---	---	---	---	137	---	142	145	149	152	156	78
77	---	---	130	---	---	134	136	139	---	---	148	151	155	77
76	---	---	128	---	131	133	---	138	141	144	147	150	154	76
75	125	126	---	129	---	---	135	137	140	143	146	149	153	75
74	---	---	127	---	130	132	134	136	139	142	145	148	152	74
73	---	---	---	128	---	131	133	---	138	141	144	147	151	73
72	124	125	126	---	129	---	---	135	137	140	143	146	150	72
71	---	---	---	127	---	130	132	134	---	139	142	145	149	71
70	---	---	125	---	128	---	131	133	136	138	141	144	148	70
69	123	124	---	126	127	129	---	---	135	137	140	---	147	69
68	---	---	---	---	---	128	130	132	134	---	---	143	146	68
67	---	---	124	125	126	---	129	131	133	136	139	142	145	67
66	---	123	---	---	---	127	---	130	132	135	138	141	144	66
65	122	---	---	124	125	---	128	---	---	134	137	140	143	65
64	---	---	123	---	---	126	---	129	131	---	136	139	142	64
63	121	122	---	---	---	---	127	---	---	133	---	---	141	63
62	---	---	122	123	124	125	---	---	130	---	135	138	---	62
61	120	121	---	---	---	---	---	128	---	132	---	137	140	61
60	---	---	121	122	123	---	126	---	129	131	134	136	139	60
59	---	120	---	---	---	124	125	127	---	---	133	135	138	59
58	119	---	---	121	122	123	---	126	128	130	132	134	137	58
57	---	---	120	---	---	---	124	125	127	129	131	---	136	57
56	---	119	---	---	121	122	123	---	126	128	130	133	135	56
55	118	---	119	120	---	---	---	124	125	127	129	132	134	55
54	---	---	---	---	120	121	122	123	---	---	---	131	---	54
53	117	118	118	119	---	---	---	---	124	126	128	---	133	53
52	---	117	---	---	119	120	121	122	---	---	---	130	---	52
51	---	---	117	118	---	---	---	---	123	125	127	---	132	51
50	1-116	1-116	1-116	1-117	1-118	1-119	1-120	1-121	1-122	1-124	1-126	1-129	1-131	50

Universal Scale Score to Standard Age Score: Nonverbal (ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	282+	286+	290+	294+	297+	300+	302+	304+	306+	308+	309+	310+	312+	160
159	280-281	284-285	288-289	292-293	295-296	297-299	300-301	302-303	303-305	305-307	306-308	308-309	309-311	159
158	278-279	282-283	286-287	289-291	292-294	295-296	297-299	299-301	301-302	302-304	304-305	305-307	306-308	158
157	276-277	280-281	284-285	287-288	290-291	293-294	295-296	297-298	298-300	300-301	301-303	302-304	303-305	157
156	275	279	282-283	285-286	288-289	290-292	292-294	294-296	296-297	297-299	298-300	299-301	301-302	156
155	273-274	277-278	280-281	283-284	286-287	288-289	290-291	292-293	293-295	295-296	296-297	297-298	298-300	155
154	272	276	279	282	284-285	286-287	288-289	290-291	291-292	292-294	293-295	294-296	296-297	154
153	271	274-275	277-278	280-281	282-283	284-285	286-287	288-289	289-290	290-291	291-292	292-293	293-295	153
152	270	273	276	278-279	281	283	284-285	286-287	287-288	288-289	289-290	290-291	291-292	152
151	268-269	272	274-275	277	279-280	281-282	282-283	283-285	284-286	285-287	286-288	287-289	288-290	151
150	267	270-271	273	275-276	277-278	279-280	280-281	281-282	282-283	283-284	284-285	285-286	286-287	150
149	265-266	268-269	271-272	273-274	275-276	276-278	278-279	279-280	280-281	281-282	282-283	282-284	283-285	149
148	263-264	266-267	269-270	271-272	273-274	274-275	276-277	277-278	277-279	278-280	279-281	280-281	281-282	148
147	262	264-265	267-268	269-270	271-272	272-273	273-275	274-276	275-276	276-277	277-278	277-279	278-280	147
146	260-261	263	265-266	267-268	268-270	270-271	271-272	272-273	273-274	274-275	274-276	275-276	275-277	146
145	258-259	261-262	263-264	265-266	266-267	268-269	269-270	270-271	271-272	271-273	272-273	273-274	273-274	145
144	256-257	259-260	261-262	263-264	264-265	266-267	267-268	268-269	268-270	269-270	270-271	271-272	271-272	144
143	254-255	257-258	259-260	261-262	262-263	264-265	265-266	266-267	266-267	267-268	268-269	268-270	269-270	143
142	252-253	254-256	257-258	259-260	260-261	261-263	263-264	264-265	264-265	265-266	266-267	266-267	267-268	142
141	250-251	252-253	255-256	256-258	258-259	259-260	261-262	261-263	262-263	263-264	264-265	264-265	265-266	141
140	248-249	250-251	253-254	254-255	256-257	257-258	258-260	259-260	260-261	261-262	262-263	262-263	263-264	140
139	246-247	248-249	251-252	252-253	254-255	255-256	256-257	257-258	258-259	259-260	260-261	260-261	261-262	139
138	244-245	246-247	248-250	250-251	252-253	253-254	255	255-256	256-257	257-258	258-259	258-259	259-260	138
137	242-243	244-245	246-247	248-249	250-251	251-252	253-254	254	254-255	255-256	256-257	256-257	257-258	137
136	240-241	242-243	244-245	246-247	248-249	249-250	251-252	252-253	252-253	253-254	254-255	254-255	255-256	136
135	238-239	240-241	242-243	244-245	246-247	247-248	249-250	250-251	250-251	251-252	252-253	253	253-254	135
134	236-237	238-239	241	243	244-245	246	247-248	248-249	249	249-250	250-251	251-252	252	134
133	234-235	237	239-240	241-242	242-243	244-245	245-246	246-247	247-248	248	248-249	249-250	250-251	133
132	232-233	235-236	237-238	239-240	241	242-243	243-244	244-245	245-246	246-247	247	247-248	248-249	132
131	230-231	233-234	235-236	237-238	239-240	240-241	242	243	243-244	244-245	245-246	246	246-247	131
130	229	231-232	234	235-236	237-238	239	240-241	241-242	242	243	243-244	244-245	245	130
129	227-228	230	232-233	234	236	237-238	238-239	239-240	240-241	241-242	242	243	243-244	129
128	226	228-229	230-231	232-233	234-235	236	237	238	239	240	240-241	241-242	242	128
127	224-225	227	229	231	233	234-235	235-236	236-237	237-238	238-239	239	239-240	240-241	127
126	223	225-226	227-228	229-230	231-232	232-233	234	235	236	236-237	237-238	238	239	126
125	221-222	224	226	228	229-230	231	232-233	233-234	234-235	235	236	236-237	237-238	125
124	219-220	222-223	224-225	226-227	228	230	231	232	233	234	234-235	235	236	124
123	218	220-221	223	225	227	228-229	229-230	230-231	231-232	232-233	233	234	234-235	123
122	216-217	219	221-222	223-224	225-226	227	228	229	230	231	232	232-233	233	122
121	215	217-218	220	222	224	225-226	227	228	229	229-230	230-231	231	232	121
120	213-214	216	218-219	220-221	222-223	224	225-226	226-227	227-228	228	229	230	230-231	120
119	212	214-215	217	219	221	222-223	224	225	226	227	227-228	228-229	229	119
118	210-211	213	215-216	217-218	219-220	221	222-223	223-224	224-225	225-226	226	227	227-228	118
117	208-209	211-212	214	216	218	219-220	221	222	223	224	225	225-226	226	117
116	207	210	212-213	214-215	216-217	218	219-220	220-221	221-222	222-223	223-224	224	225	116
115	205-206	208-209	211	213	215	216-217	218	219	220	221	222	223	223-224	115
114	204	207	209-210	212	213-214	215	217	218	219	220	221	221-222	222	114
113	203	205-206	208	210-211	212	214	215-216	216-217	218	218-219	219-220	220	221	113
112	201-202	204	207	209	211	213	214	215	216-217	217	218	219	220	112
111	200	203	205-206	207-208	209-210	211-212	213	214	215	216	217	218	218-219	111
110	198-199	201-202	204	206	208	210	211-212	213	214	215	216	216-217	217	110
109	197	200	203	205	207	209	210	211-212	213	213-214	214-215	215	216	109
108	196	199	201-202	204	206	207-208	209	210	211-212	212	213	214	215	108
107	194-195	197-198	200	202-203	204-205	206	208	209	210	211	212	213	214	107
106	193	196	198-199	201	203	205	206-207	208	209	210	211	212	213	106

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	191-192	194-195	197	200	202	204	205	207	208	209	210	211	211-212	105
104	190	193	196	199	201	203	204	205-206	207	208	209	210	210	104
103	189	192	195	197-198	199-200	201-202	203	204	205-206	207	208	209	209	103
102	187-188	190-191	193-194	196	198	200	202	203	204	206	207	208	208	102
101	186	189	192	195	197	199	201	202	203	205	206	207	207	101
100	185	188	191	194	196	198	200	201	202	204	205	206	206	100
99	184	187	190	193	195	197	199	200	201	203	204	205	205	99
98	182-183	185-186	188-189	191-192	193-194	195-196	197-198	199	200	201-202	202-203	203-204	204	98
97	181	184	187	190	192	194	196	198	199	200	201	202	203	97
96	180	183	186	189	191	193	195	196-197	198	199	200	201	202	96
95	179	182	185	187-188	190	192	194	195	197	198	199	200	201	95
94	177-178	180-181	183-184	186	188-189	191	193	194	195-196	197	198	199	200	94
93	176	179	182	185	187	189-190	191-192	193	194	196	197	198	199	93
92	175	178	181	184	186	188	190	192	193	194-195	196	197	198	92
91	174	177	180	182-183	185	187	189	191	192	193	194-195	196	197	91
90	172-173	176	179	181	184	186	188	190	191	192	193	195	196	90
89	171	174-175	177-178	180	183	185	187	188-189	190	191	192	194	195	89
88	170	173	176	179	181-182	184	186	187	189	190	191	192-193	194	88
87	169	172	175	178	180	183	185	186	188	189	190	191	193	87
86	168	171	174	177	179	181-182	183-184	185	187	188	189	190	192	86
85	166-167	170	173	175-176	178	180	182	184	186	187	188	189	191	85
84	165	169	172	174	177	179	181	183	185	186	187	188	190	84
83	164	167-168	170-171	173	176	178	180	182	184	185	186	187	189	83
82	163	166	169	172	175	177	179	181	182-183	184	185	186	188	82
81	162	165	168	171	174	176	178	180	181	183	184	185	187	81
80	161	164	167	170	173	175	177	179	180	182	183	184	186	80
79	160	163	166	169	172	174	176	178	---	181	182	---	185	79
78	159	162	165	168	171	173	175	177	179	180	181	183	184	78
77	158	161	164	167	170	172	174	176	178	179	180	182	183	77
76	157	160	163	166	169	171	173	175	177	178	179	181	182	76
75	156	159	162	165	168	170	172	174	176	177	178	180	181	75
74	155	158	161	164	167	169	171	173	175	176	177	179	180	74
73	154	157	160	163	166	168	170	172	174	175	176	178	179	73
72	153	156	159	162	164-165	167	169	171	172-173	174	175	177	178	72
71	152	155	158	161	163	166	168	170	171	173	174	176	177	71
70	151	154	157	160	162	165	167	169	170	172	173	175	176	70
69	150	153	156	159	161	164	166	168	---	171	172	174	175	69
68	149	152	155	158	---	163	165	167	169	170	---	173	174	68
67	148	151	154	157	160	162	164	166	168	169	171	172	---	67
66	147	150	153	156	159	161	163	165	167	168	170	171	173	66
65	146	149	152	155	158	160	162	164	166	167	169	170	172	65
64	145	148	151	154	157	159	161	163	165	166	168	169	171	64
63	144	147	150	153	156	158	160	162	164	165	167	168	170	63
62	143	146	149	152	154-155	157	159	161	163	164	166	167	169	62
61	---	145	148	151	153	156	158	160	161-162	163	165	166	168	61
60	142	144	147	150	152	155	157	159	160	162	164	165	167	60
59	141	143	146	149	151	154	156	158	---	161	163	164	166	59
58	140	142	145	148	150	153	155	157	159	160	162	163	165	58
57	139	141	144	147	149	152	154	156	158	159	161	162	164	57
56	138	---	143	146	148	151	153	155	157	158	160	161	163	56
55	137	140	142	145	---	150	152	154	156	157	159	160	162	55
54	136	139	---	144	147	149	151	153	155	156	158	159	161	54
53	---	138	141	143	146	148	150	152	154	155	157	158	160	53
52	135	---	140	---	145	147	149	151	153	154	156	157	159	52
51	134	137	139	142	144	146	148	150	152	153	155	156	158	51
50	1-133	1-136	1-138	1-141	1-143	1-145	1-147	1-149	1-151	1-152	1-154	1-155	1-157	50

Universal Scale Score to Standard Age Score: Nonverbal (11-6 through 14-6; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	313+	314+	316+	317+	318+	319+	320+	321+	322+	323+	324+	324+	325+	160
159	310-312	312-313	313-315	314-316	315-317	316-318	317-319	318-320	319-321	320-322	321-323	321-323	322-324	159
158	307-309	309-311	310-312	311-313	312-314	313-315	314-316	315-317	316-318	317-319	317-320	318-320	319-321	158
157	305-306	306-308	307-309	308-310	309-311	310-312	311-313	312-314	313-315	314-316	314-316	315-317	316-318	157
156	302-304	303-305	304-306	305-307	306-308	307-309	308-310	309-311	310-312	310-313	311-313	312-314	313-315	156
155	299-301	300-302	301-303	302-304	303-305	304-306	305-307	306-308	307-309	307-309	308-310	309-311	309-312	155
154	297-298	298-299	299-300	299-301	300-302	301-303	302-304	303-305	304-306	304-306	305-307	306-308	306-308	154
153	294-296	295-297	296-298	297-298	298-299	298-300	299-301	300-302	301-303	301-303	302-304	303-305	303-305	153
152	291-293	292-294	293-295	294-296	295-297	296-297	296-298	297-299	298-300	298-300	299-301	300-302	300-302	152
151	289-290	290-291	291-292	291-293	292-294	293-295	293-295	294-296	295-297	296-297	296-298	297-299	297-299	151
150	286-288	287-289	288-290	289-290	289-291	290-292	291-292	291-293	292-294	293-295	293-295	294-296	294-296	150
149	284-285	285-286	285-287	286-288	287-288	287-289	288-290	288-290	289-291	290-292	290-292	291-293	291-293	149
148	281-283	282-284	283-284	283-285	284-286	284-286	285-287	286-287	286-288	287-289	287-289	288-290	288-290	148
147	279-280	279-281	280-282	281-282	281-283	282-283	282-284	283-285	283-285	284-286	284-286	285-287	286-287	147
146	276-278	277-278	277-279	278-280	278-280	279-281	280-281	280-282	281-282	281-283	282-283	282-284	283-285	146
145	274-275	274-276	275-276	276-277	276-277	277-278	277-279	278-279	278-280	279-280	279-281	280-281	280-282	145
144	272-273	272-273	273-274	273-275	274-275	275-276	275-276	276-277	276-277	277-278	277-278	278-279	278-279	144
143	270-271	270-271	271-272	271-272	272-273	272-274	273-274	274-275	274-275	275-276	275-276	276-277	276-277	143
142	268-269	268-269	269-270	269-270	270-271	270-271	271-272	271-273	272-273	272-274	273-274	273-275	274-275	142
141	266-267	266-267	267-268	267-268	268-269	268-269	269-270	269-270	270-271	270-271	271-272	271-272	272-273	141
140	264-265	264-265	265-266	265-266	266-267	266-267	267-268	267-268	268-269	268-269	269-270	269-270	270-271	140
139	262-263	262-263	263-264	263-264	264-265	264-265	265-266	266	266-267	267	267-268	268	268-269	139
138	260-261	260-261	261-262	261-262	262-263	263	263-264	264-265	264-265	265-266	265-266	266-267	266-267	138
137	258-259	258-259	259-260	260	260-261	261-262	261-262	262-263	262-263	263-264	263-264	264-265	264-265	137
136	256-257	256-257	257-258	258-259	258-259	259-260	259-260	260-261	260-261	261-262	261-262	262-263	262-263	136
135	254-255	255	255-256	256-257	256-257	257-258	257-258	258-259	259	259-260	260	260-261	260-261	135
134	252-253	253-254	254	254-255	255	255-256	256	256-257	257-258	257-258	258-259	258-259	259	134
133	251	251-252	252-253	252-253	253-254	254	254-255	255	255-256	256	256-257	257	257-258	133
132	249-250	249-250	250-251	251	251-252	252-253	253	253-254	254	254-255	255	255-256	256	132
131	247-248	248	248-249	249-250	250	250-251	251-252	251-252	252-253	253	253-254	253-254	254-255	131
130	245-246	246-247	247	247-248	248-249	249	249-250	250	250-251	251-252	251-252	252	252-253	130
129	244	245	245-246	246	247	247-248	248	248-249	249	249-250	250	250-251	251	129
128	242-243	243-244	244	244-245	245-246	246	246-247	247	247-248	248	248-249	249	249-250	128
127	241	241-242	242-243	243	243-244	244-245	245	245-246	246	246-247	247	247-248	248	127
126	239-240	240	241	241-242	242	242-243	243-244	244	244-245	245	245-246	246	246-247	126
125	238	238-239	239-240	240	240-241	241	242	242-243	243	243-244	244	244-245	245	125
124	236-237	237	238	238-239	239	240	240-241	241	241-242	242	242-243	243	243-244	124
123	235	236	236-237	237	238	238-239	239	239-240	240	240-241	241	241-242	242	123
122	234	234-235	235	236	236-237	237	237-238	238	239	239	240	240	240-241	122
121	232-233	233	234	234-235	235	236	236	237	237-238	238	238-239	239	239	121
120	231	232	232-233	233	234	234-235	235	235-236	236	236-237	237	237-238	238	120
119	230	230-231	231	232	232-233	233	233-234	234	234-235	235	235-236	236	236-237	119
118	228-229	229	230	230-231	231	231-232	232	233	233	234	234	235	235	118
117	227	228	228-229	229	229-230	230	231	231-232	232	232-233	233	233-234	234	117
116	225-226	226-227	227	227-228	228	229	229-230	230	230-231	231	231-232	232	232-233	116
115	224	225	226	226	227	227-228	228	229	229	230	230	231	231	115
114	223	224	224-225	225	226	226	227	227-228	228	229	229	229-230	230	114
113	222	222-223	223	224	224-225	225	226	226	227	227-228	228	228	229	113
112	220-221	221	222	223	223	224	224-225	225	226	226	227	227	227-228	112
111	219	220	221	221-222	222	223	223	224	224-225	225	225-226	226	226	111
110	218	219	219-220	220	221	222	222	223	223	224	224	225	225	110
109	217	218	218	219	220	220-221	221	222	222	223	223	224	224	109
108	216	217	217	218	219	219	220	221	221	222	222	223	223	108
107	215	215-216	216	217	218	218	219	220	220	221	221	222	222	107
106	213-214	214	215	216	216-217	217	218	218-219	219	220	220	220-221	221	106

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
105	212	213	214	215	---	216	217	217	218	219	219	---	220	105
104	211	212	213	214	215	215	216	---	217	218	218	219	219	104
103	210	211	212	213	214	214	215	216	216	217	217	218	218	103
102	209	210	211	212	213	213	214	215	215	216	216	217	217	102
101	208	209	210	211	212	212	213	214	214	215	215	216	216	101
100	207	208	209	210	211	211	212	213	213	214	214	215	215	100
99	206	207	208	209	210	210	211	212	212	213	213	214	214	99
98	205	206	207	208	209	209	210	211	211	212	212	213	213	98
97	204	205	206	207	208	208	209	210	210	211	211	212	212	97
96	203	204	205	206	207	207	208	209	209	210	---	211	211	96
95	202	203	204	205	206	206	207	208	---	209	210	210	---	95
94	201	202	203	204	205	205	206	207	208	208	209	209	210	94
93	200	201	202	203	204	204	205	206	207	207	208	208	209	93
92	199	200	201	202	203	---	204	205	206	206	207	207	208	92
91	198	199	200	201	202	203	203	204	205	205	206	206	207	91
90	197	198	199	200	201	202	202	203	204	---	205	---	206	90
89	196	197	198	199	200	201	201	202	203	204	204	205	205	89
88	195	196	197	198	199	200	---	201	202	203	203	204	204	88
87	194	195	196	197	198	199	200	200	201	202	202	203	203	87
86	193	194	195	196	197	198	199	---	200	201	---	202	---	86
85	192	193	194	195	196	197	198	199	199	200	201	201	202	85
84	191	192	193	194	195	196	197	198	---	199	200	200	201	84
83	190	191	192	193	194	195	196	197	198	198	199	---	200	83
82	189	190	191	192	193	194	195	196	197	197	198	199	199	82
81	188	189	190	191	192	193	194	195	196	---	197	198	198	81
80	187	188	189	190	191	192	193	194	195	196	196	197	197	80
79	186	187	188	189	190	191	192	193	194	195	---	196	---	79
78	185	186	187	---	---	---	---	---	193	194	195	195	196	78
77	184	185	---	188	189	190	191	192	---	193	194	---	195	77
76	183	184	186	187	188	189	190	191	192	192	193	194	194	76
75	182	---	185	186	187	188	189	190	191	---	192	193	193	75
74	181	183	184	185	186	187	188	189	190	191	191	192	---	74
73	180	182	183	184	185	186	187	188	189	190	---	191	192	73
72	179	181	182	183	184	185	186	187	188	189	190	190	191	72
71	178	180	181	182	183	184	185	186	187	188	189	189	190	71
70	177	179	180	181	182	183	---	---	186	187	188	---	189	70
69	---	178	179	180	181	---	184	185	---	186	187	188	188	69
68	176	177	178	179	---	182	183	184	185	---	186	187	---	68
67	175	176	177	---	180	181	182	183	184	185	---	186	187	67
66	174	175	---	178	179	180	181	182	183	184	185	185	186	66
65	173	174	176	177	178	179	180	181	182	183	184	---	185	65
64	172	173	175	176	177	178	---	---	---	182	183	184	---	64
63	171	172	174	175	176	---	179	180	181	---	---	183	184	63
62	170	171	173	174	175	177	178	179	180	181	182	---	183	62
61	169	170	172	173	---	176	177	178	179	180	181	182	---	61
60	168	169	171	172	174	175	176	177	---	---	180	181	182	60
59	167	---	170	171	173	174	175	---	178	179	---	180	181	59
58	166	168	169	170	172	173	174	176	177	178	179	179	180	58
57	165	167	168	---	171	172	---	175	176	177	178	---	179	57
56	164	166	167	169	170	171	173	174	175	176	177	178	178	56
55	163	165	166	168	169	170	172	173	174	175	176	177	177	55
54	162	164	165	166-167	168	169	170-171	172	173	174	175	176	176	54
53	161	163	164	165	167	168	169	170-171	172	173	174	174-175	175	53
52	160	161-162	163	164	166	167	168	169	170-171	171-172	172-173	173	174	52
51	159	160	162	163	164-165	166	167	168	169	170	171	172	173	51
50	1-158	1-159	1-161	1-162	1-163	1-165	1-166	1-167	1-168	1-169	1-170	1-171	1-172	50

Universal Scale Score to Standard Age Score: Nonverbal (ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	325+	326+	326+	327+	327+	327+	327+	328+	328+	328+	328+	329+	329+	329+	160
159	322-324	323-325	323-325	324-326	324-326	324-326	324-326	325-327	325-327	325-327	326-327	326-328	326-328	326-328	159
158	319-321	320-322	320-322	321-323	321-323	321-323	322-323	322-324	322-324	322-324	323-325	323-325	323-325	324-325	158
157	316-318	317-319	317-319	318-320	318-320	318-320	319-321	319-321	319-321	320-321	320-322	320-322	321-322	321-323	157
156	313-315	314-316	314-316	315-317	315-317	315-317	316-318	316-318	316-318	317-319	317-319	318-319	318-320	319-320	156
155	310-312	311-313	311-313	312-314	312-314	312-314	313-315	313-315	314-315	314-316	315-316	315-317	315-317	316-318	155
154	307-309	308-310	308-310	309-311	309-311	309-311	310-312	310-312	311-313	311-313	312-314	312-314	313-314	313-315	154
153	304-306	305-307	305-307	306-308	306-308	307-308	307-309	308-309	308-310	309-310	309-311	310-311	310-312	311-312	153
152	301-303	302-304	302-304	303-305	303-305	304-306	304-306	305-307	305-307	306-308	306-308	307-309	308-309	308-310	152
151	298-300	299-301	299-301	300-302	300-302	301-303	301-303	302-304	302-304	303-305	304-305	304-306	305-307	306-307	151
150	295-297	296-298	296-298	297-299	297-299	298-300	298-300	299-301	299-301	300-302	301-303	301-303	302-304	303-305	150
149	292-294	293-295	293-295	294-296	294-296	295-297	295-297	296-298	296-298	297-299	298-300	298-300	299-301	300-302	149
148	289-291	290-292	290-292	291-293	291-293	292-294	292-294	293-295	293-295	294-296	295-297	295-297	296-298	296-299	148
147	286-288	287-289	287-289	288-290	288-290	289-291	289-291	290-292	290-292	291-293	291-294	292-294	293-295	293-295	147
146	283-285	284-286	284-286	285-287	285-287	286-288	286-288	287-289	287-289	288-290	288-290	289-291	290-292	290-292	146
145	281-282	281-283	282-283	282-284	283-284	283-285	284-285	284-286	285-286	285-287	286-287	286-288	287-289	288-289	145
144	279-280	279-280	279-281	280-281	280-282	281-282	281-283	282-283	283-284	283-284	284-285	284-285	285-286	285-287	144
143	276-278	277-278	277-278	278-279	278-279	279-280	279-280	280-281	280-282	281-282	282-283	282-283	283-284	283-284	143
142	274-275	275-276	275-276	276-277	276-277	277-278	277-278	278-279	278-279	279-280	279-280	280-281	281-282	281-282	142
141	272-273	273-274	273-274	274-275	274-275	275-276	275-276	276-277	276-277	277-278	277-278	278-279	278-280	279-280	141
140	270-271	271-272	271-272	272-273	272-273	273-274	273-274	274-275	274-275	275-276	275-276	276-277	276-277	277-278	140
139	268-269	269-270	269-270	270-271	270-271	271-272	271-272	272-273	272-273	273-274	273-274	274-275	274-275	275-276	139
138	267	267-268	267-268	268-269	268-269	269-270	269-270	270-271	270-271	271-272	271-272	272-273	272-273	273-274	138
137	265-266	265-266	265-266	266-267	266-267	267-268	267-268	268-269	268-269	268-269	269-270	269-270	270-271	270-272	137
136	263-264	263-264	263-264	264-265	264-265	265-266	265-266	266-267	266-267	266-267	267-268	267-268	268-269	268-269	136
135	261-262	261-262	262	262-263	262-263	263-264	263-264	264-265	264-265	265	265-266	265-266	266-267	266-267	135
134	259-260	260	260-261	260-261	261	261-262	262	262-263	262-263	263-264	263-264	264	264-265	265	134
133	258	258-259	258-259	259	259-260	260	260-261	260-261	261	261-262	262	262-263	263	263-264	133
132	256-257	256-257	257	257-258	258	258-259	258-259	259	259-260	260	260-261	261	261-262	261-262	132
131	254-255	255	255-256	256	256-257	256-257	257	257-258	258	258-259	258-259	259-260	259-260	260	131
130	253	253-254	254	254-255	254-255	255	255-256	256	256-257	256-257	257	257-258	258	258-259	130
129	251-252	252	252-253	252-253	253	253-254	254	254-255	254-255	255	255-256	256	256-257	257	129
128	250	250-251	250-251	251	251-252	252	252-253	252-253	253	253-254	254	254-255	255	255-256	128
127	248-249	248-249	249	249-250	250	250-251	250-251	251	251-252	252	252-253	253	253-254	254	127
126	246-247	247	247-248	248	248-249	248-249	249	249-250	250	250-251	251	251-252	251-252	252-253	126
125	245	245-246	246	246-247	247	247	247-248	248	248-249	249	249-250	249-250	250	250-251	125
124	244	244	244-245	245	245-246	245-246	246	246-247	247	247-248	247-248	248	248-249	249	124
123	242-243	243	243	243-244	244	244	244-245	245	245-246	245-246	246	246-247	247	247-248	123
122	241	241-242	242	242	242-243	243	243	243-244	244	244	244-245	245	245-246	246	122
121	239-240	240	240-241	240-241	241	241-242	241-242	242	242-243	242-243	243	243-244	244	244-245	121
120	238	238-239	239	239	239-240	240	240	240-241	241	241	241-242	242	242-243	242-243	120
119	237	237	237-238	238	238	238-239	239	239	239-240	240	240	240-241	241	241	119
118	235-236	236	236	236-237	237	237	237-238	238	238	238-239	239	239	239-240	240	118
117	234	234-235	235	235	235-236	236	236	236-237	237	237	237-238	238	238	238-239	117
116	233	233	233-234	234	234	234-235	235	235	235-236	236	236	236-237	237	237	116
115	231-232	232	232	232-233	233	233	233-234	234	234	234-235	235	235	235-236	236	115
114	230	231	231	231	232	232	232	232-233	233	233	233-234	234	234	234-235	114
113	229	229-230	230	230	230-231	231	231	231	231-232	232	232	232-233	233	233	113
112	228	228	229	229	229	229-230	230	230	230	230-231	231	231	231-232	232	112
111	227	227	227-228	228	228	228	228-229	229	229	229	229-230	230	230	230-231	111
110	225-226	226	226	226-227	227	227	227	227-228	228	228	228-229	229	229	229	110
109	224	225	225	225	226	226	226	226	226-227	227	227	227	227-228	228	109
108	223	224	224	224	224-225	225	225	225	225	225-226	226	226	226	226-227	108
107	222	223	223	223	223	224	224	224	224	224	225	225	225	225	107
106	221	222	222	222	222	222-223	223	223	223	223	223-224	224	224	224	106

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
105	220	221	221	221	221	221	221-222	222	222	222	222	222-223	223	223	105
104	219	220	220	220	220	220	220	220-221	221	221	221	221	221-222	222	104
103	218	219	219	219	219	219	219	219	219-220	220	220	220	220	220-221	103
102	217	218	218	218	218	218	218	218	218	218-219	218-219	219	219	219	102
101	216	217	217	217	217	217	217	217	217	217	217	218	218	218	101
100	215	216	216	216	216	216	216	216	216	216	216	217	217	217	100
99	214	215	215	215	215	215	215	215	215	215	215	216	216	216	99
98	213	214	214	214	214	214	214	214	214	214	214	215	215	215	98
97	---	213	213	213	213	213	213	213	213	213	213	214	214	214	97
96	212	212	212	212	212	212	212	212	212	212	---	213	213	213	96
95	211	211	211	211	211	211	---	---	---	---	212	212	212	212	95
94	210	210	210	210	---	---	211	211	211	211	211	211	211	211	94
93	209	209	209	---	210	210	210	210	210	210	210	210	210	210	93
92	208	208	---	209	209	209	209	209	209	209	209	209	209	209	92
91	207	207	208	208	208	208	208	208	208	208	208	208	208	208	91
90	206	---	207	207	207	207	207	207	207	207	207	207	207	207	90
89	205	206	206	206	206	206	206	206	206	206	206	206	206	206	89
88	---	205	205	205	205	205	205	205	205	205	205	205	205	205	88
87	204	204	204	204	204	204	204	204	204	204	204	204	204	204	87
86	203	203	203	---	---	---	---	---	---	---	---	---	---	---	86
85	202	202	---	203	203	203	203	203	203	203	203	203	203	203	85
84	201	---	202	202	202	202	202	202	202	202	202	202	202	202	84
83	200	201	201	201	201	201	201	201	201	201	201	201	201	201	83
82	---	200	200	200	200	200	200	200	200	200	200	200	200	200	82
81	199	199	199	199	199	199	199	199	199	199	199	199	199	199	81
80	198	198	198	198	---	---	---	---	---	---	---	---	---	---	80
79	197	197	---	198	198	198	198	198	198	198	198	198	198	198	79
78	196	---	197	197	197	197	197	197	197	197	197	197	197	197	78
77	195	196	196	196	196	196	196	196	196	196	196	196	196	196	77
76	---	195	195	195	195	195	195	195	195	195	195	195	195	195	76
75	194	194	194	---	---	---	---	---	---	---	---	---	---	---	75
74	193	193	---	194	194	194	194	194	194	194	194	194	194	194	74
73	192	192	193	193	193	193	193	193	193	193	193	193	193	193	73
72	191	---	192	192	192	192	192	192	192	192	192	192	192	192	72
71	190	191	191	191	191	191	191	191	191	191	191	191	191	191	71
70	---	190	190	190	190	190	190	190	190	190	190	190	190	190	70
69	189	189	189	---	---	---	---	---	---	---	---	---	---	---	69
68	188	188	---	189	189	189	189	189	189	189	189	189	189	189	68
67	187	---	188	188	188	188	188	188	188	188	188	188	188	188	67
66	186	187	187	187	187	187	187	187	187	187	187	187	187	187	66
65	---	186	186	186	186	186	186	186	186	186	186	186	186	186	65
64	185	185	---	---	---	---	---	---	---	---	---	---	---	---	64
63	184	---	185	185	185	185	185	185	185	185	185	185	185	185	63
62	---	184	184	---	---	---	---	---	---	---	---	---	---	---	62
61	183	---	---	184	184	184	184	184	184	184	184	184	184	184	61
60	182	183	183	183	183	183	183	183	183	183	183	183	183	183	60
59	---	182	182	---	---	---	---	---	---	---	---	---	---	---	59
58	181	181	181	182	182	182	182	182	182	182	182	182	182	182	58
57	180	180	---	181	181	181	181	181	181	181	181	181	181	181	57
56	179	179	180	180	180	180	180	180	180	180	180	180	180	180	56
55	178	178	179	179	179	179	179	179	179	179	179	---	---	---	55
54	177	177	178	178	178	178	178	178	178	---	---	179	179	179	54
53	176	176	177	177	177	177	177	177	---	178	178	178	178	178	53
52	175	175	176	176	176	176	176	---	177	177	177	177	177	---	52
51	173-174	174	174-175	175	175	175	175	176	176	176	176	---	---	177	51
50	1-172	1-173	1-173	1-174	1-174	1-174	1-174	1-175	1-175	1-175	1-175	1-176	1-176	1-176	50

Table 14: Universal Scale Score to Grade Percentile Rank—Nonverbal: Fall Norms (Before December 1st)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	197+	217+	232+	242+	248+	251+	254+	256+	259+	262+	264+	265+	265+	99
98	191-196	211-216	226-231	236-241	242-247	245-250	248-253	251-255	253-258	256-261	258-263	260-264	260-264	98
97	187-190	207-210	222-225	232-235	238-241	241-244	244-247	247-250	250-252	252-255	255-257	256-259	256-259	97
96	183-186	204-206	219-221	229-231	235-237	239-240	242-243	244-246	247-249	249-251	252-254	253-255	253-255	96
95	180-182	201-203	217-218	227-228	233-234	237-238	240-241	242-243	245-246	247-248	249-251	250-252	251-252	95
94	177-179	199-200	214-216	225-226	231-232	235-236	238-239	240-241	243-244	245-246	247-248	248-249	249-250	94
93	175-176	197-198	212-213	223-224	229-230	233-234	236-237	239	241-242	243-244	245-246	246-247	247-248	93
92	173-174	195-196	211	221-222	227-228	232	235	237-238	240	242	244	245	245-246	92
91	171-172	193-194	209-210	219-220	226	230-231	233-234	236	238-239	240-241	242-243	243-244	244	91
90	169-170	191-192	207-208	218	225	229	232	235	237	239	241	242	242-243	90
89	168	190	206	216-217	223-224	228	231	234	236	238	240	241	241	89
88	167	189	204-205	215	222	227	230	233	235	237	239	240	240	88
87	166	187-188	203	214	221	226	229	232	234	236	237-238	239	239	87
86	165	186	202	213	220	225	228	231	233	235	---	238	238	86
85	164	185	201	212	219	224	227	230	232	234	236	237	237	85
84	163	184	200	211	218	223	226	229	231	233	235	236	236	84
83	162	183	199	210	217	222	225	228	230	232	234	235	---	83
82	161	182	198	209	216	221	---	227	---	---	233	234	235	82
81	160	181	197	208	215	220	224	---	229	231	232	233	234	81
80	159	180	196	207	---	---	223	226	228	230	---	---	233	80
79	158	179	195	206	214	219	---	225	---	229	231	232	---	79
78	157	---	---	---	213	218	222	---	227	---	230	231	232	78
77	---	178	194	205	---	---	221	224	226	228	229	---	231	77
76	156	177	193	204	212	217	---	---	---	227	---	230	---	76
75	155	176	192	---	211	216	220	223	225	---	228	229	230	75
74	154	---	---	203	---	---	---	222	224	226	227	---	229	74
73	---	175	191	202	210	215	219	---	---	---	---	228	---	73
72	153	174	190	---	209	---	---	221	223	225	226	227	228	72
71	152	173	---	201	---	214	218	---	---	---	---	---	---	71
70	---	---	189	200	208	---	---	220	222	224	225	226	227	70
69	151	172	188	---	---	213	217	---	---	---	---	---	---	69
68	---	171	---	199	207	---	---	219	---	223	224	225	226	68
67	150	---	187	198	---	212	216	---	221	---	---	---	---	67
66	---	170	186	---	206	---	---	---	---	222	223	224	225	66
65	149	---	---	197	---	211	215	218	220	---	---	---	---	65
64	148	169	185	---	205	---	---	---	---	221	222	223	---	64
63	---	168	184	196	204	210	214	217	219	---	---	---	224	63
62	147	---	---	---	---	---	---	---	---	220	221	---	---	62
61	---	167	183	195	203	209	---	216	218	---	---	222	223	61
60	146	---	---	194	---	---	213	---	---	219	---	---	---	60
59	---	166	182	---	202	---	---	---	---	---	220	221	222	59
58	---	---	---	193	---	208	212	215	217	---	---	---	---	58
57	145	165	181	---	---	---	---	---	---	218	219	220	221	57
56	---	---	180	192	201	---	---	---	---	---	---	---	---	56
55	144	---	---	---	---	207	211	214	216	217	218	219	220	55
54	---	164	179	191	200	---	---	---	---	---	---	---	---	54
53	---	---	---	---	---	206	210	213	215	---	---	---	---	53
52	143	163	178	190	199	---	---	---	---	216	217	218	219	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	142	162	177	189	198	205	209	212	214	215	216	217	218	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	161	176	188	197	204	---	---	213	214	215	216	217	48
47	141	---	---	---	---	---	208	211	---	---	---	---	---	47
46	---	160	175	187	---	203	---	---	---	---	---	---	---	46
45	---	---	---	---	196	---	207	210	212	213	214	215	216	45
44	---	159	174	186	---	---	---	---	---	---	---	---	---	44
43	140	---	---	---	195	202	---	---	211	212	213	214	215	43
42	---	---	---	---	---	---	206	209	---	---	---	---	---	42
41	---	158	173	185	194	201	---	---	---	---	212	213	214	41
40	139	---	---	---	---	---	205	208	210	211	---	---	---	40
39	---	157	172	184	193	200	---	---	---	---	---	---	213	39
38	---	---	---	---	---	---	---	---	209	210	211	212	---	38
37	---	156	171	183	192	199	204	207	---	---	---	---	---	37
36	138	---	---	---	---	---	---	---	---	---	210	211	212	36
35	---	155	170	182	191	198	203	206	208	209	---	---	---	35
34	---	---	---	---	---	---	---	---	---	---	---	---	211	34
33	---	154	169	181	190	---	202	---	207	208	209	210	---	33
32	137	---	168	180	---	197	---	205	---	---	---	---	---	32
31	---	153	---	---	189	---	---	---	---	---	208	209	210	31
30	---	---	167	179	---	196	201	204	206	207	---	---	---	30
29	136	152	---	---	188	---	---	---	---	---	207	208	209	29
28	---	---	166	178	---	195	200	---	205	206	---	---	---	28
27	---	151	---	---	187	---	---	203	---	---	206	207	208	27
26	---	---	165	177	---	194	199	---	---	205	---	---	---	26
25	135	150	164	176	186	---	---	202	204	---	---	---	207	25
24	---	---	---	---	---	193	---	---	---	---	205	206	---	24
23	---	149	163	175	185	---	198	---	203	204	---	---	206	23
22	134	---	---	---	---	192	---	201	---	---	204	205	---	22
21	---	148	162	174	184	---	197	---	202	203	---	---	205	21
20	---	---	161	173	183	191	---	200	---	---	203	204	---	20
19	133	147	---	---	---	---	196	---	201	202	202	203	204	19
18	---	---	160	172	182	190	---	199	---	---	---	---	---	18
17	---	146	159	171	---	---	195	---	200	201	201	202	203	17
16	132	---	---	---	181	189	---	198	---	200	---	---	---	16
15	---	145	158	170	180	188	194	197	199	---	200	201	202	15
14	---	144	157	169	179	---	193	---	---	199	---	---	---	14
13	131	---	---	---	---	187	---	196	198	---	199	200	201	13
12	---	143	156	168	178	186	192	195	197	198	198	199	200	12
11	130	---	155	167	177	185	191	---	---	197	---	---	---	11
10	---	142	154	166	176	184	190	194	196	196	197	198	199	10
9	129	141	153	165	175	---	189	193	195	---	196	197	198	9
8	---	140	152	164	174	183	---	192	194	195	195	196	197	8
7	128	139	151	163	173	181-182	188	191	193	194	194	195	195-196	7
6	---	138	150	162	172	180	186-187	190	192	193	193	194	194	6
5	127	137	149	160-161	171	179	185	189	191	191-192	192	193	193	5
4	126	136	147-148	159	169-170	177-178	184	187-188	189-190	190	190-191	191-192	191-192	4
3	125	134-135	145-146	156-158	167-168	175-176	182-183	185-186	187-188	188-189	188-189	189-190	190	3
2	123-124	132-133	143-144	154-155	164-166	173-174	179-181	183-184	185-186	186-187	186-187	187-188	188-189	2
1	1-122	1-131	1-142	1-153	1-163	1-172	1-178	1-182	1-184	1-185	1-185	1-186	1-187	1

**Table 15: Universal Scale Score to Grade Percentile Rank—Nonverbal: Midyear Norms
(December 1st through February)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	202+	221+	235+	244+	249+	252+	254+	257+	260+	262+	264+	265+	266+	99
98	196-201	214-220	228-234	238-243	243-248	246-251	249-253	251-256	254-259	257-261	259-263	260-264	260-265	98
97	192-195	210-213	224-227	234-237	239-242	242-245	245-248	248-250	250-253	253-256	255-258	256-259	256-259	97
96	188-191	208-209	222-223	231-233	236-238	240-241	242-244	245-247	248-249	250-252	252-254	253-255	253-255	96
95	185-187	206-207	220-221	228-230	234-235	237-239	240-241	243-244	245-247	248-249	249-251	250-252	251-252	95
94	183-184	203-205	217-219	226-227	232-233	236	238-239	241-242	243-244	246-247	247-248	248-249	249-250	94
93	180-182	201-202	215-216	224-225	230-231	234-235	237	239-240	242	244-245	246	247	247-248	93
92	178-179	199-200	214	223	229	232-233	235-236	238	240-241	242-243	244-245	245-246	245-246	92
91	176-177	197-198	212-213	221-222	227-228	231	234	237	239	241	243	244	244	91
90	175	196	210-211	220	226	230	233	235-236	238	240	241-242	242-243	242-243	90
89	173-174	194-195	209	218-219	225	229	232	234	236-237	238-239	240	241	241	89
88	172	193	208	217	223-224	228	231	233	235	237	239	240	240	88
87	171	192	206-207	216	222	227	230	232	234	236	238	239	239	87
86	170	191	205	215	221	226	229	231	233	235	237	238	238	86
85	169	190	204	214	220	225	228	230	---	234	236	237	237	85
84	168	188-189	203	213	219	224	227	---	232	---	235	236	236	84
83	167	187	202	212	218	223	226	229	231	233	234	235	---	83
82	166	186	201	211	---	222	225	228	230	232	233	234	235	82
81	165	---	200	210	217	221	---	227	229	231	---	---	234	81
80	164	185	199	209	216	---	224	---	---	230	232	233	233	80
79	---	184	---	---	215	220	223	226	228	---	231	232	---	79
78	163	183	198	208	---	219	---	225	227	229	230	231	232	78
77	162	182	197	207	214	---	222	---	---	228	---	---	231	77
76	161	---	196	206	213	218	---	224	226	---	229	230	---	76
75	160	181	---	---	---	---	221	223	225	227	228	229	230	75
74	---	180	195	205	212	217	220	---	---	226	---	---	---	74
73	159	179	194	204	---	216	---	222	224	---	227	228	229	73
72	158	---	193	---	211	---	219	---	---	225	---	---	---	72
71	---	178	---	203	210	215	---	221	223	---	226	227	228	71
70	157	177	192	---	---	---	218	---	---	224	---	---	---	70
69	156	---	191	202	209	214	---	220	222	---	225	226	227	69
68	---	176	---	201	---	---	217	---	---	223	---	---	---	68
67	155	175	190	---	208	213	---	---	221	---	224	225	226	67
66	---	---	---	200	---	---	---	219	---	222	---	---	---	66
65	154	174	189	---	207	212	216	---	---	---	223	224	225	65
64	---	173	188	199	---	---	---	218	220	---	---	---	---	64
63	153	---	---	198	206	211	215	---	---	221	222	223	224	63
62	152	172	187	---	---	---	---	217	219	---	---	---	---	62
61	---	---	---	197	205	---	214	---	---	220	221	222	223	61
60	---	171	186	---	---	210	---	---	218	---	---	---	---	60
59	151	---	---	---	204	---	---	216	---	219	220	221	222	59
58	---	170	185	196	---	209	213	---	---	---	---	---	---	58
57	150	---	---	---	203	---	---	---	217	218	219	220	---	57
56	---	169	184	195	---	---	---	215	---	---	---	---	221	56
55	149	---	---	---	202	208	212	---	216	217	---	---	---	55
54	---	168	183	194	---	---	---	---	---	---	218	219	220	54
53	---	---	---	---	---	207	211	214	215	---	---	---	---	53
52	148	167	182	193	201	---	---	---	---	216	217	218	219	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	147	166	181	192	200	206	210	213	214	215	216	217	218	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	165	180	191	199	205	209	212	---	---	215	216	217	48
47	146	---	---	---	---	---	---	---	213	214	---	---	---	47
46	---	164	179	190	198	---	---	---	---	---	---	---	---	46
45	---	---	---	---	---	204	208	211	212	213	214	215	216	45
44	145	---	178	189	---	---	---	---	---	---	---	---	---	44
43	---	163	---	---	197	203	207	210	---	---	213	214	215	43
42	---	---	177	188	---	---	---	---	211	212	---	---	---	42
41	144	162	---	---	196	202	---	209	---	---	---	---	214	41
40	---	---	176	187	---	---	206	---	210	211	212	213	---	40
39	---	161	175	---	195	---	---	---	---	---	---	---	---	39
38	143	---	---	186	---	201	205	208	---	---	211	212	213	38
37	---	160	174	---	194	---	---	---	209	210	---	---	---	37
36	---	---	---	185	---	200	---	207	---	---	---	---	212	36
35	142	159	173	---	193	---	204	---	---	209	210	211	---	35
34	---	---	---	184	---	199	---	---	208	---	---	---	---	34
33	---	158	172	---	192	---	203	206	---	---	209	210	211	33
32	141	---	---	183	---	---	---	---	207	208	---	---	---	32
31	---	157	171	---	191	198	---	205	---	---	208	---	210	31
30	---	---	---	182	---	---	202	---	---	207	---	209	---	30
29	140	156	170	181	190	197	---	---	206	---	---	---	---	29
28	---	---	169	---	---	---	201	204	---	206	207	208	209	28
27	---	155	---	180	189	196	---	---	205	---	---	---	---	27
26	139	---	168	---	---	---	200	203	---	---	206	207	208	26
25	---	154	---	179	188	195	---	---	204	205	---	---	---	25
24	---	---	167	---	---	---	---	---	---	---	205	206	207	24
23	138	153	166	178	187	194	199	202	---	204	---	---	---	23
22	---	152	---	177	---	---	---	---	203	---	204	205	206	22
21	---	---	165	---	186	193	198	201	---	203	---	---	---	21
20	137	151	164	176	---	---	---	---	202	---	203	204	205	20
19	---	---	---	175	185	192	197	200	---	202	---	---	204	19
18	136	150	163	---	184	---	---	---	201	---	202	203	---	18
17	---	149	162	174	---	191	196	199	---	201	---	---	203	17
16	---	---	---	173	183	---	---	---	200	---	201	202	---	16
15	135	148	161	---	182	190	195	198	199	200	200	201	202	15
14	---	---	160	172	---	189	194	197	---	199	---	---	---	14
13	134	147	---	171	181	188	---	---	198	---	199	200	201	13
12	---	146	159	170	180	---	193	196	197	198	---	---	---	12
11	133	---	158	---	179	187	192	195	---	197	198	199	200	11
10	---	145	157	169	178	186	191	---	196	---	197	198	199	10
9	132	144	156	168	---	185	---	194	195	196	196	197	198	9
8	---	143	155	167	177	184	190	193	194	195	195	196	197	8
7	131	142	154	165-166	175-176	183	189	192	193	194	194	195	195-196	7
6	130	141	153	164	174	182	188	191	192	193	193	194	194	6
5	---	140	152	163	173	181	186-187	189-190	191	191-192	192	193	193	5
4	129	139	150-151	161-162	171-172	179-180	185	188	189-190	190	190-191	191-192	191-192	4
3	127-128	137-138	148-149	159-160	169-170	177-178	183-184	186-187	187-188	188-189	188-189	189-190	190	3
2	126	135-136	145-147	156-158	166-168	174-176	180-182	184-185	185-186	186-187	186-187	187-188	188-189	2
1	1-125	1-134	1-144	1-155	1-165	1-173	1-179	1-183	1-184	1-185	1-185	1-186	1-187	1

**Table 16: Universal Scale Score to Grade Percentile Rank—Nonverbal: Spring Norms
(March 1st through July)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	207+	225+	237+	245+	250+	253+	255+	258+	260+	263+	265+	265+	266+	99
98	201-206	218-224	231-236	239-244	244-249	247-252	249-254	252-257	255-259	257-262	259-264	260-264	260-265	98
97	197-200	214-217	227-230	235-238	240-243	243-246	246-248	248-251	251-254	253-256	255-258	256-259	256-259	97
96	193-196	212-213	224-226	232-234	237-239	240-242	243-245	246-247	248-250	251-252	252-254	253-255	253-255	96
95	190-192	210-211	222-223	230-231	235-236	238-239	241-242	243-245	246-247	248-250	250-251	251-252	251-252	95
94	188-189	207-209	220-221	228-229	233-234	236-237	239-240	242	244-245	246-247	248-249	248-250	249-250	94
93	186-187	205-206	218-219	226-227	231-232	235	237-238	240-241	242-243	244-245	246-247	247	247-248	93
92	184-185	203-204	216-217	224-225	230	233-234	236	238-239	241	243	244-245	245-246	245-246	92
91	182-183	202	215	223	228-229	232	235	237	239-240	241-242	243	244	244	91
90	180-181	200-201	213-214	222	227	231	233-234	236	238	240	241-242	242-243	242-243	90
89	179	199	212	220-221	226	230	232	235	237	239	240	241	241	89
88	178	197-198	210-211	219	225	228-229	231	234	236	238	239	240	240	88
87	176-177	196	209	218	224	227	230	233	235	237	238	239	239	87
86	175	195	208	217	223	226	229	232	234	236	237	238	238	86
85	174	194	207	216	222	---	---	231	233	235	236	237	237	85
84	173	193	206	215	221	225	228	230	232	234	235	236	---	84
83	172	192	205	214	220	224	227	229	231	233	234	235	236	83
82	171	191	204	213	219	223	226	---	---	232	---	---	235	82
81	170	190	203	212	218	222	225	228	230	---	233	234	234	81
80	---	189	202	211	217	---	---	227	229	231	232	233	---	80
79	169	188	201	---	---	221	224	---	---	230	231	232	233	79
78	168	187	---	210	216	220	223	226	228	229	---	---	232	78
77	167	186	200	209	215	---	---	225	227	---	230	231	---	77
76	166	---	199	208	---	219	222	---	---	228	229	230	231	76
75	---	185	198	---	214	218	---	224	226	227	---	---	230	75
74	165	184	---	207	213	---	221	223	225	---	228	229	---	74
73	164	---	197	206	---	217	---	---	---	226	---	228	229	73
72	---	183	196	---	212	---	220	222	224	---	227	---	---	72
71	163	182	---	205	---	216	---	---	---	225	226	227	228	71
70	162	181	195	---	211	---	219	221	223	---	---	---	---	70
69	---	---	194	204	---	215	---	---	---	224	225	226	227	69
68	161	180	---	203	210	---	218	---	222	---	---	---	---	68
67	160	179	193	---	---	214	---	220	---	223	224	225	226	67
66	---	---	---	202	209	---	217	---	221	---	---	---	---	66
65	159	178	192	---	---	213	---	219	---	222	223	224	---	65
64	---	---	191	201	208	---	216	---	220	---	---	---	225	64
63	158	177	---	---	---	212	---	218	---	221	222	---	---	63
62	---	176	190	200	207	---	---	---	---	---	---	223	224	62
61	157	---	---	---	---	---	215	---	219	220	221	---	---	61
60	---	175	189	199	206	211	---	217	---	---	---	222	223	60
59	156	---	---	---	---	---	214	---	218	219	---	---	---	59
58	---	174	188	198	---	210	---	216	---	---	220	221	222	58
57	155	---	---	---	205	---	---	---	217	---	---	---	---	57
56	---	173	187	197	---	---	213	---	---	218	219	220	221	56
55	154	---	---	---	204	209	---	215	216	---	---	---	---	55
54	---	172	186	196	---	---	---	---	---	217	218	219	220	54
53	---	---	---	---	203	208	212	214	---	---	---	---	---	53
52	153	171	185	195	---	---	---	---	215	216	217	218	219	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	152	170	184	194	202	207	211	213	214	215	216	217	218	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	169	183	193	201	206	210	---	---	---	---	---	217	48
47	151	---	---	---	---	---	---	212	213	214	215	216	---	47
46	---	168	182	192	200	---	---	---	---	---	---	---	---	46
45	150	---	---	---	---	205	209	211	---	213	214	215	216	45
44	---	167	181	191	199	---	---	---	212	---	---	---	---	44
43	---	---	---	---	---	204	208	---	---	---	---	---	215	43
42	149	166	180	---	---	---	---	210	211	212	213	214	---	42
41	---	---	---	190	198	---	---	---	---	---	---	---	---	41
40	---	---	179	---	---	203	207	209	---	---	212	213	214	40
39	148	165	---	189	197	---	---	---	210	211	---	---	---	39
38	---	---	178	---	---	202	206	---	---	---	---	---	213	38
37	147	164	---	188	196	---	---	208	---	210	211	212	---	37
36	---	---	177	---	---	---	205	---	209	---	---	---	---	36
35	---	163	176	187	195	201	---	207	---	---	210	211	212	35
34	146	---	---	---	---	---	---	---	208	209	---	---	---	34
33	---	162	175	186	194	200	204	---	---	---	---	---	211	33
32	---	---	---	---	---	---	---	206	---	208	209	210	---	32
31	145	161	174	185	193	199	203	---	207	---	---	---	---	31
30	---	160	---	184	---	---	---	205	---	---	208	209	210	30
29	144	---	173	---	192	198	---	---	206	207	---	---	---	29
28	---	159	---	183	---	---	202	---	---	---	207	208	209	28
27	---	---	172	---	191	---	---	204	---	206	---	---	---	27
26	143	158	171	182	---	197	201	---	205	---	206	---	208	26
25	---	---	---	---	190	---	---	203	---	205	---	207	---	25
24	142	157	170	181	---	196	---	---	204	---	205	---	207	24
23	---	---	---	---	189	---	200	---	---	204	---	206	---	23
22	---	156	169	180	---	195	---	202	203	---	204	205	206	22
21	141	155	168	179	188	---	199	---	---	203	---	---	---	21
20	---	---	---	---	---	194	---	201	202	---	203	204	205	20
19	140	154	167	178	187	---	198	---	---	202	---	---	---	19
18	---	153	166	177	186	193	---	200	201	---	202	203	204	18
17	139	---	165	---	---	---	197	---	---	201	---	---	203	17
16	---	152	---	176	185	192	---	199	200	---	201	202	---	16
15	138	---	164	175	---	191	196	198	---	200	---	---	202	15
14	---	151	163	---	184	---	195	---	199	199	200	201	---	14
13	---	150	---	174	183	190	---	197	198	---	199	---	201	13
12	137	---	162	173	182	189	194	---	---	198	---	200	---	12
11	136	149	161	172	181	188	193	196	197	197	198	199	200	11
10	---	148	160	171	---	---	192	195	196	---	197	198	199	10
9	135	147	159	170	180	187	---	194	195	196	196	197	198	9
8	---	146	158	169	179	186	191	193	194	195	---	196	197	8
7	134	145	157	168	178	185	190	192	193	194	194-195	195	196	7
6	133	144	156	167	176-177	184	189	191	192	193	193	194	194-195	6
5	132	143	154-155	166	175	182-183	187-188	190	191	191-192	192	193	193	5
4	131	141-142	153	164-165	173-174	181	186	188-189	189-190	190	190-191	191-192	191-192	4
3	130	140	151-152	162-163	171-172	179-180	184-185	187	188	188-189	189	189-190	190	3
2	128-129	137-139	148-150	159-161	169-170	176-178	181-183	184-186	185-187	186-187	186-188	188	188-189	2
1	1-127	1-136	1-147	1-158	1-168	1-175	1-180	1-183	1-184	1-185	1-185	1-187	1-187	1

Table 17: Universal Scale Score to Standard Age Score—Composite (VQN)

Universal Scale Score to Standard Age Score: Composite (VQN)
 (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	199+	205+	210+	215+	221+	226+	231+	236+	241+	245+	250+	255+	259+	160
159	197-198	203-204	209	214	220	225	230	235	239-240	244	249	254	258	159
158	196	202	208	213	218-219	223-224	228-229	233-234	238	243	248	253	257	158
157	194-195	201	206-207	212	217	222	227	232	237	242	247	252	256	157
156	193	199-200	205	210-211	216	221	226	231	236	241	246	251	255	156
155	191-192	198	204	209	214-215	220	225	230	235	240	245	250	254	155
154	190	196-197	202-203	208	213	218-219	224	229	234	239	244	249	253	154
153	188-189	195	201	206-207	212	217	223	228	233	238	243	248	252	153
152	187	194	199-200	205	211	216	222	227	232	237	242	247	251	152
151	185-186	192-193	198	204	209-210	215	220-221	226	231	236	241	246	250	151
150	184	191	196-197	202-203	208	214	219	225	230	235	240	245	249	150
149	182-183	189-190	195	201	206-207	212-213	218	223-224	228-229	233-234	238-239	243-244	247-248	149
148	181	188	194	199-200	205	211	216-217	222	227	232	237	241-242	246	148
147	179-180	186-187	192-193	198	204	209-210	215	220-221	225-226	230-231	235-236	240	244-245	147
146	178	185	191	196-197	202-203	208	213-214	219	224	229	234	238-239	242-243	146
145	177	183-184	189-190	195	201	206-207	212	217-218	222-223	227-228	232-233	236-237	241	145
144	176	182	188	194	199-200	205	210-211	215-216	220-221	225-226	230-231	234-235	239-240	144
143	175	181	187	192-193	198	203-204	209	214	219	223-224	228-229	232-233	237-238	143
142	174	180	186	191	197	202	207-208	212-213	217-218	222	226-227	230-231	235-236	142
141	---	179	185	190	195-196	200-201	205-206	210-211	215-216	220-221	224-225	229	233-234	141
140	173	178	183-184	189	194	199	204	209	213-214	218-219	223	227-228	231-232	140
139	172	177	182	187-188	192-193	197-198	202-203	207-208	212	216-217	221-222	225-226	229-230	139
138	171	176	181	186	191	196	201	206	210-211	215	219-220	223-224	227-228	138
137	170	175	180	185	190	195	199-200	204-205	209	213-214	218	222	226	137
136	169	174	179	183-184	188-189	193-194	198	202-203	207-208	212	216-217	220-221	224-225	136
135	168	173	177-178	182	187	192	196-197	201	205-206	210-211	214-215	218-219	222-223	135
134	167	172	176	181	186	190-191	195	199-200	204	208-209	213	217	221	134
133	166	171	175	180	184-185	189	193-194	198	202-203	207	211-212	215-216	219-220	133
132	165	170	174	179	183	188	192	197	201	205-206	210	214	218	132
131	164	169	173	177-178	182	186-187	191	195-196	199-200	204	208-209	212-213	216-217	131
130	163	168	172	176	180-181	185	189-190	194	198	202-203	207	211	215	130
129	162	166-167	171	175	179	183-184	188	192-193	197	201	205-206	210	213-214	129
128	161	165	170	174	178	182	186-187	191	195-196	199-200	204	208-209	212	128
127	---	164	168-169	172-173	177	181	185	189-190	194	198	202-203	207	211	127
126	160	163	167	171	175-176	179-180	184	188	192-193	197	201	205-206	209-210	126
125	158-159	162	166	170	174	178	182-183	187	191	195-196	200	204	208	125
124	157	161	165	169	173	177	181	185-186	190	194	199	203	207	124
123	155-156	159-160	163-164	167-168	172	176	180	184	189	193	197-198	202	206	123
122	154	158	162	166	170-171	175	179	183	188	192	196	200-201	204-205	122
121	152-153	156-157	161	165	169	173-174	178	182	186-187	191	195	199	203	121
120	151	155	159-160	164	168	172	177	181	185	190	194	198	202	120
119	150	154	---	163	167	171	176	180	184	188-189	193	197	201	119
118	---	---	158	162	166	170	174-175	179	183	187	191-192	196	199-200	118
117	149	153	157	161	165	169	173	178	182	186	190	194-195	198	117
116	148	152	156	160	164	168	172	176-177	181	185	189	193	197	116
115	---	151	155	159	163	167	171	175	179-180	184	188	192	196	115
114	147	150	154	158	162	166	170	174	178	183	187	191	195	114
113	146	149	153	157	161	165	169	173	177	181-182	186	190	194	113
112	145	148	152	156	160	164	168	172	176	180	185	189	192-193	112
111	144	147	151	155	159	163	167	171	175	179	183-184	187-188	191	111
110	143	146	150	154	158	162	166	170	174	178	182	186	190	110
109	142	---	149	153	157	161	165	169	173	177	181	185	189	109
108	141	145	---	152	156	160	164	168	172	176	180	184	188	108
107	---	144	148	---	155	159	163	167	171	175	179	183	187	107
106	140	---	147	151	154	158	162	166	170	174	178	182	186	106

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
105	---	143	146	150	---	157	161	165	169	173	177	181	184-185	105
104	139	142	---	149	153	156	160	164	168	172	176	180	183	104
103	---	---	145	148	152	---	159	163	167	171	175	179	182	103
102	138	141	144	---	151	155	158	162	166	170	174	178	181	102
101	---	---	---	147	150	154	157	161	165	169	173	177	180	101
100	137	140	143	146	149	153	156	160	164	168	172	176	179	100
99	---	---	---	145	148	152	155	159	163	167	171	175	178	99
98	136	139	142	---	---	151	---	158	162	166	170	174	177	98
97	---	138	141	144	147	---	154	157	161	165	169	173	176	97
96	135	---	---	143	146	150	153	156	160	164	168	171-172	175	96
95	---	137	140	---	---	149	152	---	159	163	167	170	174	95
94	---	---	---	142	145	148	151	155	158	162	166	169	173	94
93	134	---	139	---	---	147	---	154	157	161	165	168	172	93
92	---	136	---	141	144	---	150	153	156	160	164	167	171	92
91	---	---	138	---	143	146	149	152	---	159	163	166	170	91
90	133	135	---	140	---	145	148	151	155	158	162	---	169	90
89	---	---	137	---	142	---	---	---	154	157	161	165	168	89
88	---	---	---	139	141	144	147	150	153	---	160	164	167	88
87	---	134	136	---	---	---	146	149	152	156	159	163	166	87
86	132	---	---	138	140	143	---	148	---	155	158	162	165	86
85	---	---	---	---	---	142	145	---	151	154	---	161	164	85
84	---	133	135	137	139	---	144	147	150	153	157	160	163	84
83	131	---	---	---	---	141	---	146	149	152	156	159	---	83
82	---	---	134	136	138	---	143	---	---	---	155	158	162	82
81	---	132	---	---	---	140	142	145	148	151	154	157	161	81
80	---	---	---	135	137	---	---	144	147	150	153	---	160	80
79	---	---	133	---	---	139	141	---	146	149	---	156	159	79
78	130	---	---	---	136	138	---	143	---	---	152	155	158	78
77	---	131	---	134	---	---	140	142	145	148	151	154	157	77
76	---	---	132	---	135	137	139	---	144	147	150	153	156	76
75	---	---	---	133	---	---	---	141	---	146	149	152	---	75
74	129	130	---	---	---	136	138	---	143	---	---	---	155	74
73	---	---	131	---	134	---	---	140	142	145	148	151	154	73
72	---	---	---	132	---	135	137	139	---	144	147	150	153	72
71	128	129	130	---	133	---	---	---	141	---	146	149	152	71
70	---	---	---	131	---	134	136	138	140	143	---	148	151	70
69	---	---	---	---	132	---	---	---	---	142	145	---	150	69
68	---	---	---	---	---	---	135	137	139	---	144	147	---	68
67	---	128	129	130	---	133	---	---	---	141	---	146	149	67
66	127	---	---	---	131	---	134	136	138	140	143	145	148	66
65	---	---	---	---	---	132	---	---	---	---	142	---	147	65
64	---	---	---	---	---	---	133	135	137	139	141	144	---	64
63	---	---	128	129	130	131	---	134	136	138	---	143	146	63
62	---	127	---	---	---	---	132	---	---	---	140	---	145	62
61	---	---	---	128	129	130	---	133	135	137	139	142	144	61
60	126	---	127	---	---	---	131	---	134	136	---	141	---	60
59	---	---	---	---	---	---	---	132	---	---	138	---	143	59
58	---	126	---	127	128	129	---	---	---	135	---	140	---	58
57	---	---	126	---	---	---	130	---	133	---	137	---	142	57
56	125	---	---	---	---	---	---	131	---	---	---	139	141	56
55	---	125	---	---	127	128	129	---	132	134	136	138	---	55
54	124	---	125	126	---	---	---	---	---	---	---	---	140	54
53	---	124	---	---	---	---	---	130	---	---	135	137	139	53
52	123	---	---	---	---	---	---	---	---	133	---	---	---	52
51	---	---	124	125	126	---	---	---	131	---	---	136	138	51
50	1-122	1-123	1-123	1-124	1-125	1-127	1-128	1-129	1-130	1-132	1-134	1-135	1-137	50

Universal Scale Score to Standard Age Score: Composite (VQN)
(ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	263+	267+	271+	274+	277+	280+	283+	285+	288+	290+	292+	294+	296+	160
159	262	266	270	273	276	279	282	284	287	289	291	293	295	159
158	261	265	269	272	275	278	281	283	286	288	290	292	293-294	158
157	260	264	268	271	274	277	280	282	284-285	286-287	288-289	290-291	292	157
156	---	263	267	270	273	276	279	281	283	285	287	289	291	156
155	259	262	266	269	272	275	277-278	280	282	284	286	288	289-290	155
154	258	261	265	268	271	274	276	279	281	283	285	286-287	288	154
153	256-257	260	264	267	270	272-273	275	277-278	279-280	281-282	283-284	285	287	153
152	255	259	263	266	269	271	274	276	278	280	282	284	285-286	152
151	254	258	261-262	265	267-268	270	273	275	277	279	281	282-283	284	151
150	253	257	260	263-264	266	269	271-272	273-274	275-276	277-278	279-280	281	282-283	150
149	251-252	255-256	258-259	261-262	264-265	267-268	269-270	271-272	273-274	275-276	277-278	279-280	280-281	149
148	250	253-254	256-257	260	262-263	265-266	267-268	269-270	271-272	273-274	275-276	277-278	278-279	148
147	248-249	251-252	255	258-259	260-261	263-264	265-266	268	270	271-272	273-274	275-276	276-277	147
146	246-247	250	253-254	256-257	259	261-262	264	266-267	268-269	270	271-272	273-274	274-275	146
145	244-245	248-249	251-252	254-255	257-258	259-260	262-263	264-265	266-267	268-269	269-270	271-272	272-273	145
144	242-243	246-247	249-250	252-253	255-256	257-258	260-261	262-263	264-265	266-267	267-268	269-270	270-271	144
143	240-241	244-245	247-248	250-251	253-254	255-256	258-259	260-261	262-263	264-265	265-266	267-268	269	143
142	238-239	242-243	245-246	248-249	251-252	253-254	256-257	258-259	260-261	262-263	264	265-266	267-268	142
141	236-237	240-241	243-244	246-247	249-250	251-252	254-255	256-257	258-259	260-261	262-263	263-264	265-266	141
140	234-235	238-239	241-242	244-245	247-248	249-250	252-253	254-255	256-257	258-259	260-261	262	263-264	140
139	233	236-237	239-240	242-243	245-246	248	250-251	252-253	254-255	256-257	258-259	260-261	262	139
138	231-232	234-235	238	241	243-244	246-247	249	251	253	255	257	258-259	260-261	138
137	229-230	233	236-237	239-240	242	244-245	247-248	249-250	251-252	253-254	255-256	257	259	137
136	228	231-232	234-235	237-238	240-241	243	245-246	248	250	252	254	255-256	257-258	136
135	226-227	230	233	236	239	241-242	244	246-247	248-249	250-251	252-253	254	256	135
134	225	228-229	231-232	234-235	237-238	240	242-243	245	247	249	251	252-253	254-255	134
133	223-224	227	230	233	236	238-239	241	243-244	245-246	247-248	249-250	251	253	133
132	222	225-226	228-229	231-232	234-235	237	239-240	242	244	246	248	249-250	251-252	132
131	220-221	224	227	230	233	235-236	238	240-241	242-243	244-245	246-247	248	250	131
130	219	222-223	225-226	228-229	231-232	234	236-237	239	241	243	245	246-247	248-249	130
129	217-218	221	224	227	230	232-233	235	237-238	239-240	241-242	243-244	245	247	129
128	216	219-220	223	226	228-229	231	234	236	238	240	242	243-244	245-246	128
127	214-215	218	221-222	224-225	227	230	232-233	234-235	236-237	238-239	240-241	242	244	127
126	213	216-217	220	223	226	228-229	231	233	235	237	239	240-241	242-243	126
125	212	215	218-219	221-222	224-225	227	229-230	231-232	234	235-236	237-238	239	241	125
124	210-211	214	217	220	223	226	228	230	232-233	234	236	238	239-240	124
123	209	213	216	219	222	224-225	227	229	231	233	234-235	236-237	238	123
122	208	211-212	215	218	220-221	223	225-226	227-228	229-230	231-232	233	235	236-237	122
121	207	210	213-214	216-217	219	222	224	226	228	230	232	233-234	235	121
120	206	209	212	215	218	220-221	223	225	227	229	230-231	232	234	120
119	204-205	208	211	214	216-217	219	221-222	224	225-226	227-228	229	231	232-233	119
118	203	206-207	210	213	215	218	220	222-223	224	226	228	230	231	118
117	202	205	208-209	211-212	214	217	219	221	223	225	227	228-229	230	117
116	201	204	207	210	213	215-216	218	220	222	224	225-226	227	229	116
115	199-200	203	206	209	212	214	216-217	219	221	222-223	224	226	227-228	115
114	198	202	205	208	210-211	213	215	217-218	219-220	221	223	225	226	114
113	197	200-201	204	206-207	209	212	214	216	218	220	222	223-224	225	113
112	196	199	202-203	205	208	210-211	213	215	217	219	221	222	224	112
111	195	198	201	204	207	209	212	214	216	218	219-220	221	223	111
110	194	197	200	203	206	208	210-211	213	215	216-217	218	220	221-222	110
109	193	196	199	202	205	207	209	212	214	215	217	219	220	109
108	191-192	195	198	201	203-204	206	208	210-211	212-213	214	216	218	219	108
107	190	194	197	200	202	205	207	209	211	213	215	217	218	107
106	189	192-193	196	198-199	201	204	206	208	210	212	214	216	217	106

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	188	191	194-195	197	200	203	205	207	209	211	213	214-215	216	105
104	187	190	193	196	199	201-202	204	206	208	210	212	213	215	104
103	186	189	192	195	198	200	203	205	207	209	210-211	212	214	103
102	185	188	191	194	197	199	202	204	206	207-208	209	211	212-213	102
101	184	187	190	193	196	198	201	203	205	206	208	210	211	101
100	183	186	189	192	195	197	200	202	204	205	207	209	210	100
99	182	185	188	191	194	196	199	201	203	204	206	208	209	99
98	181	184	187	190	193	195	198	200	202	203	205	207	208	98
97	180	183	186	189	192	194	196-197	198-199	200-201	202	204	206	207	97
96	179	182	185	188	190-191	193	195	197	199	201	203	205	206	96
95	177-178	181	184	187	189	192	194	196	198	200	202	203-204	205	95
94	176	180	183	186	188	191	193	195	197	199	201	202	204	94
93	175	179	182	185	187	190	192	194	196	198	200	201	203	93
92	174	178	181	184	186	189	191	193	195	197	199	200	202	92
91	173	177	180	183	185	188	190	192	194	196	198	199	201	91
90	172	176	179	181-182	184	187	189	191	193	195	197	198	200	90
89	171	175	178	180	183	186	188	190	192	194	196	197	199	89
88	170	174	177	179	182	185	187	189	191	193	194-195	196	198	88
87	169	173	176	178	181	183-184	186	188	190	192	193	195	197	87
86	---	172	175	177	180	182	185	187	189	191	192	194	196	86
85	168	171	174	176	179	181	184	186	188	189-190	191	193	195	85
84	167	170	173	175	178	180	183	185	187	188	190	192	194	84
83	166	169	172	174	177	179	182	184	186	187	189	191	192-193	83
82	165	168	171	173	176	178	181	183	185	186	188	190	191	82
81	164	167	170	172	175	177	180	182	184	185	187	189	190	81
80	163	166	169	171	174	176	179	181	183	184	186	188	189	80
79	162	165	168	170	173	175	178	180	182	183	185	187	---	79
78	161	164	167	169	172	174	177	179	181	182	184	186	188	78
77	160	163	166	---	171	173	176	178	180	181	183	185	187	77
76	159	162	165	168	170	---	175	177	179	---	182	184	186	76
75	158	161	164	167	169	172	174	176	178	180	181	183	185	75
74	---	160	163	166	168	171	173	175	177	179	180	182	184	74
73	157	159	162	165	167	170	172	174	176	178	179	181	183	73
72	156	---	161	164	166	169	171	173	175	177	178	180	182	72
71	155	158	160	163	165	168	170	172	174	176	177	179	181	71
70	154	157	159	162	164	167	169	171	173	175	176	178	180	70
69	153	156	158	161	163	166	168	170	172	174	175	177	179	69
68	152	155	157	160	162	165	167	169	171	173	174	176	178	68
67	151	154	---	159	161	164	166	168	170	172	173	175	177	67
66	---	153	156	158	160	163	165	167	169	171	---	174	176	66
65	150	152	155	157	---	162	164	166	168	170	172	173	175	65
64	149	---	154	---	159	161	163	165	167	169	171	---	---	64
63	148	151	153	156	158	---	---	---	---	---	170	172	174	63
62	---	150	---	155	---	160	162	164	166	168	---	171	173	62
61	147	149	152	154	157	159	161	163	165	167	169	---	172	61
60	146	---	151	---	156	158	---	---	---	166	168	170	---	60
59	---	148	---	153	155	---	160	162	164	---	167	169	171	59
58	145	147	150	152	---	157	159	161	163	165	---	---	170	58
57	144	---	149	---	154	156	158	160	162	164	166	168	---	57
56	---	146	148	151	153	155	---	---	---	163	165	167	169	56
55	143	145	---	150	152	---	157	159	161	162	164	166	168	55
54	142	---	147	149	151	153-154	156	158	160	161	163	165	167	54
53	---	144	146	148	150	152	154-155	156-157	158-159	160	162	164	166	53
52	141	143	145	147	149	151	153	155	157	159	161	163	165	52
51	140	142	144	146	148	150	152	154	156	158	160	162	164	51
50	1-139	1-141	1-143	1-145	1-147	1-149	1-151	1-153	1-155	1-157	1-159	1-161	1-163	50

Universal Scale Score to Standard Age Score: Composite (VQN)
(ages 11-6 through 14-6; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	298+	300+	301+	303+	304+	305+	307+	308+	309+	310+	311+	312+	313+	160
159	296-297	298-299	300	301-302	302-303	304	305-306	306-307	307-308	308-309	309-310	310-311	311-312	159
158	295	297	298-299	300	301	302-303	303-304	304-305	305-306	306-307	307-308	308-309	309-310	158
157	294	295-296	297	298-299	299-300	300-301	301-302	302-303	303-304	304-305	305-306	306-307	307-308	157
156	292-293	294	295-296	296-297	298	299	300	301	302	302-303	303-304	304-305	305-306	156
155	291	292-293	294	295	296-297	297-298	298-299	299-300	300-301	301	301-302	302-303	303-304	155
154	289-290	291	292-293	293-294	294-295	295-296	296-297	297-298	298-299	299-300	300	300-301	301-302	154
153	288	289-290	291	292	293	294	295	296	296-297	297-298	298-299	298-299	299-300	153
152	287	288	289-290	290-291	291-292	292-293	293-294	294-295	295	295-296	296-297	297	297-298	152
151	285-286	286-287	288	289	290	290-291	291-292	292-293	293-294	293-294	294-295	295-296	295-296	151
150	283-284	285	286-287	287-288	288-289	289	289-290	290-291	291-292	292	292-293	293-294	293-294	150
149	281-282	283-284	284-285	285-286	286-287	287-288	287-288	288-289	289-290	290-291	290-291	291-292	291-292	149
148	279-280	281-282	282-283	283-284	284-285	285-286	285-286	286-287	287-288	288-289	288-289	289-290	289-290	148
147	277-278	279-280	280-281	281-282	282-283	283-284	283-284	284-285	285-286	286-287	286-287	287-288	287-288	147
146	276	277-278	278-279	279-280	280-281	281-282	281-282	282-283	283-284	283-285	284-285	285-286	285-286	146
145	274-275	275-276	276-277	277-278	278-279	279-280	280	280-281	281-282	282	282-283	283-284	284	145
144	272-273	273-274	274-275	275-276	276-277	277-278	278-279	279	280	280-281	281	282	282-283	144
143	270-271	271-272	272-273	274	275	275-276	276-277	277-278	278-279	279	279-280	280-281	281	143
142	268-269	269-270	271	272-273	273-274	274	275	276	276-277	277-278	278	279	279-280	142
141	266-267	268	269-270	270-271	271-272	272-273	273-274	274-275	275	276	276-277	277-278	278	141
140	265	266-267	267-268	269	270	271	272	273	273-274	274-275	275	276	277	140
139	263-264	265	266	267-268	268-269	269-270	270-271	271-272	272	273	274	274-275	275-276	139
138	262	263-264	264-265	266	267	268	269	270	271	272	272-273	273	274	138
137	260-261	262	263	264-265	265-266	266-267	267-268	268-269	269-270	270-271	271	272	273	137
136	259	260-261	261-262	263	264	265	266	267	268	269	270	270-271	271-272	136
135	257-258	259	260	261-262	262-263	264	265	266	267	267-268	268-269	269	270	135
134	256	257-258	258-259	260	261	262-263	263-264	264-265	265-266	266	267	268	268-269	134
133	254-255	256	257	258-259	260	261	262	263	264	265	265-266	266-267	267	133
132	253	254-255	256	257	258-259	259-260	260-261	261-262	262-263	263-264	264	265	265-266	132
131	251-252	253	254-255	255-256	257	258	259	260	261	262	263	263-264	264	131
130	250	251-252	253	254	255-256	256-257	257-258	258-259	259-260	260-261	261-262	262	263	130
129	248-249	250	251-252	252-253	254	255	256	257	258	259	259-260	260-261	261-262	129
128	247	248-249	249-250	251	252-253	253-254	254-255	255-256	256-257	257-258	258	259	259-260	128
127	245-246	247	248	249-250	250-251	252	253	254	255	256	256-257	257-258	258	127
126	244	245-246	246-247	248	249	250-251	251-252	252-253	253-254	254-255	255	256	256-257	126
125	242-243	244	245	246-247	247-248	249	250	251	252	252-253	253-254	254-255	255	125
124	241	242-243	243-244	245	246	247-248	248-249	249-250	250-251	251	252	253	253-254	124
123	239-240	241	242	243-244	245	246	247	248	249	250	250-251	251-252	252	123
122	238	239-240	241	242	243-244	244-245	245-246	246-247	247-248	248-249	249	250	251	122
121	236-237	238	239-240	240-241	242	243	244	245	246	247	248	248-249	249-250	121
120	235	237	238	239	240-241	241-242	243	244	244-245	245-246	246-247	247	248	120
119	234	235-236	237	238	239	240	241-242	242-243	243	244	245	246	246-247	119
118	233	234	235-236	237	238	239	240	241	242	243	244	244-245	245	118
117	231-232	233	234	235-236	237	238	239	240	241	241-242	242-243	243	244	117
116	230	232	233	234	235-236	236-237	237-238	238-239	239-240	240	241	242	242-243	116
115	229	230-231	232	233	234	235	236	237	238	239	240	240-241	241	115
114	228	229	230-231	232	233	234	235	236	237	238	239	239	240	114
113	227	228	229	230-231	232	233	234	235	236	237	237-238	238	239	113
112	225-226	227	228	229	230-231	232	233	234	235	235-236	236	237	238	112
111	224	226	227	228	229	230-231	231-232	232-233	233-234	234	235	236	236-237	111
110	223	224-225	226	227	228	229	230	231	232	233	234	235	235	110
109	222	223	225	226	227	228	229	230	231	232	233	233-234	234	109
108	221	222	224	225	226	227	228	229	230	231	232	232	233	108
107	220	221	222-223	224	225	226	227	228	229	230	231	231	232	107
106	219	220	221	223	224	225	226	227	228	229	229-230	230	231	106

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
105	217-218	219	220	221-222	223	224	225	226	227	228	228	229	230	105
104	216	218	219	220	222	223	224	225	226	226-227	227	228	228-229	104
103	215	216-217	218	219	220-221	221-222	223	224	224-225	225	226	227	227	103
102	214	215	217	218	219	220	222	223	223	224	225	226	226	102
101	213	214	216	217	218	219	221	222	222	223	224	225	225	101
100	212	213	215	216	217	218	220	221	221	222	223	224	224	100
99	211	212	214	215	216	217	219	220	220	221	222	223	223	99
98	210	211	213	214	215	216	218	219	219	220	221	222	222	98
97	209	210	212	213	214	215	217	218	218	219	220	221	221	97
96	208	209	211	212	213	214	215-216	216-217	217	218	219	220	220	96
95	207	208	209-210	211	212	213	214	215	216	217	218	219	219	95
94	206	207	208	210	211	212	213	214	215	216	217	218	218	94
93	205	206	207	209	210	211	212	213	214	215	216	217	217	93
92	204	205	206	208	209	210	211	212	213	214	215	216	216	92
91	203	204	205	207	208	209	210	211	212	213	214	215	215	91
90	201-202	203	204	206	207	208	209	210	211	212	213	214	214	90
89	200	202	203	205	206	207	208	209	210	211	212	213	213	89
88	199	201	202	204	205	206	207	208	209	210	211	212	212	88
87	198	200	201	203	204	205	206	207	208	209	210	211	211	87
86	197	199	200	201-202	203	204	205	206	207	208	209	210	210	86
85	196	198	199	200	202	203	204	205	206	207	208	209	209	85
84	195	197	198	199	201	202	203	204	205	206	207	208	---	84
83	194	196	197	198	200	201	202	203	204	205	206	207	208	83
82	193	195	196	197	199	200	201	202	---	204	205	206	207	82
81	192	194	195	---	198	199	200	---	203	---	204	205	206	81
80	191	193	194	196	197	198	199	201	202	203	203	204	205	80
79	190	192	193	195	196	197	198	200	201	202	202	203	204	79
78	189	191	192	194	195	196	---	199	200	201	---	202	203	78
77	188	190	191	193	194	195	197	198	199	200	201	201	202	77
76	187	189	190	192	193	194	196	197	198	199	200	200	201	76
75	186	188	189	191	192	193	195	196	197	198	199	---	200	75
74	185	187	188	190	191	---	194	195	196	197	198	199	199	74
73	184	186	187	189	190	192	193	194	195	196	197	198	198	73
72	183	185	186	188	189	191	192	193	194	195	196	197	---	72
71	182	184	185	187	188	190	191	192	193	194	195	196	197	71
70	181	183	---	186	187	189	190	191	192	193	194	195	196	70
69	---	182	184	185	---	188	189	---	---	---	---	194	195	69
68	180	181	183	184	186	187	---	190	191	192	193	---	194	68
67	179	180	182	183	185	186	188	189	190	191	192	193	---	67
66	178	179	181	---	184	---	187	188	189	---	---	192	193	66
65	177	---	180	182	183	185	186	---	---	190	191	---	192	65
64	176	178	---	181	---	184	---	187	188	189	190	191	---	64
63	---	177	179	180	182	183	185	186	187	188	189	190	191	63
62	175	---	178	---	181	---	184	185	---	---	---	---	190	62
61	174	176	177	179	---	182	183	---	186	187	188	189	---	61
60	173	175	---	178	180	181	---	184	185	186	187	188	189	60
59	---	174	176	---	179	---	182	183	---	---	---	---	188	59
58	172	---	175	177	---	180	181	---	184	185	186	187	---	58
57	171	173	---	176	178	179	---	182	183	---	---	186	187	57
56	---	172	174	---	177	---	180	---	---	184	185	---	---	56
55	170	171	173	175	176	178	179	181	182	183	184	185	186	55
54	169	170	172	174	175	177	178	180	181	182	183	184	185	54
53	168	169	171	173	174	176	177	179	180	181	---	---	184	53
52	166-167	168	170	172	173	175	176	178	179	180	182	183	---	52
51	165	167	169	171	172	174	175	177	178	---	181	182	183	51
50	1-164	1-166	1-168	1-170	1-171	1-173	1-174	1-176	1-177	1-179	1-180	1-181	1-182	50

Universal Scale Score to Standard Age Score: Composite (VQN)
(ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	313+	314+	315+	315+	316+	317+	317+	318+	318+	319+	319+	319+	320+	320+	160
159	311-312	312-313	313-314	314	314-315	315-316	315-316	316-317	316-317	317-318	317-318	317-318	318-319	318-319	159
158	309-310	310-311	311-312	312-313	312-313	313-314	313-314	314-315	314-315	315-316	315-316	316	316-317	316-317	158
157	308	308-309	309-310	310-311	310-311	311-312	311-312	312-313	313	313-314	313-314	314-315	314-315	314-315	157
156	306-307	306-307	307-308	308-309	308-309	309-310	310	310-311	311-312	311-312	312	312-313	312-313	313	156
155	304-305	304-305	305-306	306-307	306-307	307-308	308-309	308-309	309-310	309-310	310-311	310-311	310-311	311-312	155
154	302-303	302-303	303-304	304-305	304-305	305-306	306-307	306-307	307-308	307-308	307-309	308-309	308-309	308-310	154
153	300-301	300-301	301-302	302-303	302-303	303-304	304-305	304-305	305-306	305-306	305-306	306-307	306-307	306-307	153
152	298-299	299	299-300	300-301	300-301	301-302	302-303	302-303	303-304	303-304	303-304	304-305	304-305	304-305	152
151	296-297	297-298	297-298	298-299	298-299	299-300	300-301	300-301	300-302	301-302	301-302	301-303	302-303	302-303	151
150	294-295	295-296	295-296	296-297	296-297	297-298	298-299	298-299	299	299-300	299-300	299-300	300-301	300-301	150
149	292-293	293-294	293-294	294-295	295	295-296	296-297	296-297	297-298	297-298	297-298	298	298-299	298-299	149
148	290-291	291-292	291-292	292-293	293-294	293-294	294-295	294-295	295-296	295-296	296	296-297	296-297	297	148
147	288-289	289-290	289-290	290-291	291-292	291-292	292-293	293	293-294	294	294-295	294-295	295	295-296	147
146	286-287	287-288	287-288	288-289	289-290	290	290-291	291-292	291-292	292-293	292-293	293	293-294	293-294	146
145	284-285	285-286	286	287	287-288	288-289	289	289-290	290	290-291	291	291-292	292	292	145
144	283	284	284-285	285-286	286	287	287-288	288	288-289	289	289-290	290	290-291	291	144
143	282	282-283	283	284	284-285	285-286	286	286-287	287	288	288	289	289	289-290	143
142	280-281	281	282	282-283	283	284	284-285	285	286	286-287	287	287-288	288	288	142
141	279	279-280	280-281	281	282	282-283	283	284	284-285	285	285-286	286	286-287	287	141
140	277-278	278	279	279-280	280-281	281	282	282-283	283	283-284	284	285	285	286	140
139	276	277	277-278	278	279	279-280	280-281	281	281-282	282	282-283	283-284	283-284	284-285	139
138	275	275-276	276	277	277-278	278	279	279-280	280	280-281	281	281-282	282	282-283	138
137	273-274	274	275	275-276	276	277	277-278	278	278-279	279	279-280	280	280-281	281	137
136	272	273	273-274	274	275	275-276	276	276-277	277	277-278	278	278-279	279	279-280	136
135	270-271	271-272	272	272-273	273-274	274	274-275	275	275-276	276	276-277	277	277-278	277-278	135
134	269	270	270-271	271	272	272-273	273	273-274	274	274-275	274-275	275-276	275-276	275-276	134
133	268	268-269	269	269-270	270-271	271	271-272	272	272-273	272-273	273	273-274	273-274	274	133
132	266-267	267	267-268	268	268-269	269-270	269-270	270-271	270-271	271	271-272	271-272	272	272-273	132
131	265	265-266	266	266-267	267	267-268	268	268-269	269	269-270	269-270	270	270-271	270-271	131
130	263-264	264	264-265	265	265-266	266	266-267	267	267-268	267-268	268	268-269	268-269	268-269	130
129	262	262-263	263	263-264	264	264-265	265	265-266	266	266	266-267	266-267	267	267	129
128	260-261	261	261-262	262	262-263	263	263-264	264	264-265	264-265	265	265	265-266	266	128
127	259	259-260	260	260-261	261	261-262	262	262-263	263	263	263-264	264	264	264-265	127
126	257-258	258	258-259	259	259-260	260	260-261	261	261-262	261-262	262	262-263	263	263	126
125	255-256	256-257	257	257-258	258	258-259	259	259-260	260	260	260-261	261	261-262	262	125
124	254	255	255-256	256	256-257	257	257-258	258	258-259	259	259	260	260	260-261	124
123	253	253-254	254	255	255	256	256	257	257	258	258	258-259	259	259	123
122	251-252	252	253	253-254	254	254-255	255	255-256	256	256-257	257	257	258	258	122
121	250	251	251-252	252	252-253	253	253-254	254	255	255	256	256	256-257	257	121
120	249	249-250	250	250-251	251	252	252	253	253-254	254	254-255	255	255	256	120
119	247-248	248	248-249	249	250	250-251	251	251-252	252	252-253	253	254	254	255	119
118	246	247	247	248	248-249	249	249-250	250	251	251	252	252-253	253	253-254	118
117	244-245	245-246	246	246-247	247	248	248	249	249-250	250	250-251	251	252	252	117
116	243	244	244-245	245	246	246-247	247	247-248	248	249	249	250	250-251	251	116
115	242	243	243	244	244-245	245	245-246	246	247	247-248	248	248-249	249	250	115
114	241	241-242	242	243	243	244	244	245	245-246	246	246-247	247	247-248	248-249	114
113	240	240	241	241-242	242	242-243	243	243-244	244	244-245	245	245-246	246	246-247	113
112	238-239	239	240	240	241	241	242	242	242-243	243	243-244	243-244	244-245	244-245	112
111	237	238	238-239	239	239-240	240	240-241	241	241	241-242	242	242	242-243	242-243	111
110	236	237	237	238	238	239	239	239-240	240	240	240-241	240-241	241	241	110
109	235	235-236	236	236-237	237	237-238	238	238	238-239	239	239	239	239-240	240	109
108	234	234	235	235	236	236	236-237	237	237	237-238	238	238	238	238-239	108
107	232-233	233	234	234	234-235	235	235	235-236	236	236	236-237	237	237	237	107
106	231	232	232-233	233	233	233-234	234	234	234-235	235	235	235-236	236	236	106

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
105	230	231	231	232	232	232	233	233	233	234	234	234	234-235	235	105
104	229	230	230	230-231	231	231	231-232	232	232	232-233	233	233	233	233-234	104
103	228	229	229	229	230	230	230	231	231	231	231-232	232	232	232	103
102	227	228	228	228	229	229	229	229-230	229-230	230	230	230-231	230-231	231	102
101	226	227	227	227	228	228	228	228	228	229	229	229	229	229-230	101
100	225	226	226	226	227	227	227	227	227	228	228	228	228	228	100
99	224	225	225	225	226	226	226	226	226	227	227	227	227	227	99
98	223	224	224	224	225	225	225	225	225	225-226	225-226	226	226	226	98
97	222	222-223	223	223	223-224	223-224	224	224	224	224	224	224-225	224-225	225	97
96	221	221	222	222	222	222	223	223	223	223	223	223	223	223-224	96
95	220	220	221	221	221	221	221-222	222	222	222	222	222	222	222	95
94	219	219	220	220	220	220	220	220-221	221	221	221	221	221	221	94
93	218	218	218-219	219	219	219	219	219	219-220	220	220	220	220	220	93
92	217	217	217	218	218	218	218	218	218	219	219	219	219	219	92
91	216	216	216	217	217	217	217	217	217	217-218	218	218	218	218	91
90	215	215	215	216	216	216	216	216	216	216	217	217	217	---	90
89	214	214	214	215	215	215	215	215	215	---	216	216	216	217	89
88	213	213	---	214	214	214	214	214	214	215	215	215	215	216	88
87	212	212	213	213	213	213	213	213	---	214	214	214	---	215	87
86	211	211	212	212	212	212	212	---	213	213	213	213	214	214	86
85	210	210	211	211	211	211	211	212	212	212	212	212	213	213	85
84	209	---	210	210	210	210	---	211	211	211	211	211	212	212	84
83	208	209	209	209	209	209	210	210	210	210	210	210	211	211	83
82	207	208	208	208	208	208	209	209	209	209	209	209	209-210	210	82
81	206	207	207	207	207	---	208	208	208	208	208	208	208	208-209	81
80	205	206	206	206	---	207	207	207	207	207	207	207	207	207	80
79	204	205	205	205	206	206	206	206	206	206	206	206	206	---	79
78	---	204	204	---	205	205	205	205	205	205	205	205	205	206	78
77	203	203	203	204	204	204	204	204	204	204	204	204	---	205	77
76	202	202	202	203	203	203	203	203	203	203	203	203	204	204	76
75	201	201	201	202	202	202	202	202	202	202	202	---	203	203	75
74	200	200	---	201	201	201	201	201	201	201	---	202	202	202	74
73	199	199	200	200	200	200	200	200	200	---	201	201	201	---	73
72	198	---	199	199	199	199	199	---	---	200	200	200	---	201	72
71	197	198	198	198	198	198	---	199	199	199	199	---	200	200	71
70	196	197	197	197	---	---	198	198	198	198	---	199	199	---	70
69	---	196	---	---	197	197	197	197	197	---	198	198	198	199	69
68	195	---	196	196	196	196	196	---	---	197	197	---	---	198	68
67	194	195	195	---	---	---	---	196	196	196	---	197	197	---	67
66	---	194	---	195	195	195	195	195	195	---	196	196	---	197	66
65	193	---	194	194	194	194	---	---	---	195	195	---	196	196	65
64	192	193	193	193	---	---	194	194	194	194	---	195	195	---	64
63	---	192	---	---	193	193	193	193	193	---	194	194	---	195	63
62	191	191	192	192	192	192	192	---	---	193	193	---	194	---	62
61	190	---	191	191	191	191	---	192	192	192	---	193	193	194	61
60	---	190	190	---	---	---	191	191	191	---	192	192	---	193	60
59	189	---	---	190	190	190	---	---	---	191	---	---	192	---	59
58	188	189	189	---	---	---	190	190	---	---	191	---	---	---	58
57	---	188	---	189	189	189	---	---	190	190	---	191	---	192	57
56	187	---	188	---	---	---	189	189	---	---	190	---	191	---	56
55	---	187	---	188	188	---	---	---	189	---	---	190	---	191	55
54	186	---	187	---	---	188	188	---	---	189	---	---	190	---	54
53	185	186	---	187	187	---	---	188	---	---	189	189	---	190	53
52	---	185	186	---	---	187	---	---	188	---	---	---	189	---	52
51	184	---	185	186	---	---	187	---	---	188	---	---	---	189	51
50	1-183	1-184	1-184	1-185	1-186	1-186	1-186	1-187	1-187	1-187	1-188	1-188	1-188	1-188	50

Table 18: Universal Scale Score to Grade Percentile Rank—Composite (VQN): Fall Norms (Before December 1st)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	180+	200+	218+	230+	243+	252+	260+	264+	268+	270+	272+	274+	276+	99
98	175-179	195-199	213-217	225-229	238-242	247-251	255-259	258-263	263-267	265-269	267-271	269-273	271-275	98
97	172-174	192-194	210-212	222-224	235-237	244-246	251-254	255-257	259-262	262-264	264-266	266-268	268-270	97
96	169-171	190-191	208-209	219-221	232-234	241-243	248-250	252-254	256-258	259-261	261-263	263-265	265-267	96
95	167-168	188-189	206-207	217-218	230-231	239-240	246-247	249-251	254-255	256-258	259-260	261-262	263-264	95
94	166	186-187	204-205	216	228-229	237-238	244-245	248	252-253	254-255	257-258	259-260	261-262	94
93	165	185	202-203	214-215	226-227	235-236	243	246-247	250-251	253	255-256	257-258	260	93
92	163-164	183-184	201	213	225	234	241-242	244-245	249	251-252	253-254	256	258-259	92
91	162	182	200	211-212	224	232-233	240	243	247-248	250	252	255	257	91
90	161	181	199	210	222-223	231	238-239	242	246	249	251	253-254	255-256	90
89	---	180	197-198	209	221	230	237	241	245	248	250	252	254	89
88	160	179	196	208	220	229	236	240	244	247	249	251	---	88
87	159	178	---	207	219	228	235	239	243	246	248	250	253	87
86	158	177	195	206	218	227	234	238	242	245	247	249	252	86
85	157	---	194	205	217	226	233	237	241	244	246	248	251	85
84	---	176	193	204	216	225	---	236	240	243	245	247	---	84
83	156	175	192	---	---	224	232	235	---	242	244	---	250	83
82	---	174	---	203	215	---	231	234	239	241	243	246	249	82
81	155	---	191	202	214	223	230	---	238	---	---	245	248	81
80	---	173	190	201	---	222	---	233	237	240	242	244	247	80
79	154	---	---	---	213	---	229	232	---	239	241	---	---	79
78	---	172	189	200	212	221	228	---	236	---	---	243	246	78
77	153	---	188	---	---	220	---	231	---	238	240	242	245	77
76	---	171	---	199	211	---	227	---	235	237	239	---	244	76
75	152	170	187	198	210	219	226	230	234	---	---	241	---	75
74	---	---	---	---	---	---	---	229	---	236	238	---	243	74
73	---	169	186	197	209	218	225	---	233	---	---	240	242	73
72	151	---	---	---	---	217	---	228	---	235	237	239	---	72
71	---	---	185	196	208	---	224	---	232	---	---	---	241	71
70	150	168	---	---	---	216	---	227	---	234	236	238	---	70
69	---	---	184	195	207	---	223	---	231	---	---	---	240	69
68	---	167	---	---	---	215	---	226	---	233	235	237	239	68
67	149	---	183	194	206	---	222	---	230	---	---	---	---	67
66	---	166	---	---	---	214	---	225	---	232	234	236	238	66
65	148	---	182	193	205	---	221	---	229	---	---	---	---	65
64	---	165	---	---	---	213	---	224	---	231	233	235	237	64
63	---	---	181	---	204	---	220	---	228	---	---	234	---	63
62	147	---	---	192	---	---	---	223	---	230	232	---	236	62
61	---	164	180	---	203	212	219	---	227	---	---	---	---	61
60	---	---	---	191	---	---	---	---	---	229	231	233	235	60
59	146	---	179	---	202	211	218	222	226	---	---	---	---	59
58	---	163	---	190	---	---	---	---	---	---	230	232	234	58
57	---	---	178	---	201	210	217	221	225	228	---	---	---	57
56	145	162	---	---	---	---	---	---	---	---	---	231	233	56
55	---	---	---	189	---	209	---	220	---	227	229	---	---	55
54	---	---	177	---	200	---	216	---	224	---	---	230	232	54
53	144	161	---	188	---	---	---	---	---	---	228	---	---	53
52	---	---	176	---	199	208	215	219	223	226	---	229	231	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	143	160	175	187	198	207	214	218	222	225	227	228	230	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	186	197	206	213	217	---	224	226	227	229	48
47	---	159	174	---	---	---	---	---	221	---	---	---	---	47
46	142	---	---	185	---	---	---	---	---	---	225	---	228	46
45	---	158	173	---	196	205	212	216	220	223	---	226	---	45
44	---	---	---	---	---	---	---	---	---	---	---	---	---	44
43	---	---	---	184	195	204	211	215	---	222	224	225	227	43
42	---	157	172	---	---	---	---	---	219	---	---	---	---	42
41	141	---	---	183	---	203	---	---	---	221	223	---	226	41
40	---	---	---	---	194	---	210	214	---	---	---	224	---	40
39	---	156	171	182	---	202	---	---	218	---	222	---	225	39
38	---	---	---	---	193	---	209	213	---	220	---	223	---	38
37	140	---	---	---	---	---	---	---	217	---	221	---	224	37
36	---	155	170	181	192	201	---	---	---	219	---	222	---	36
35	---	---	---	---	---	---	208	212	---	---	---	---	223	35
34	---	---	169	180	---	200	---	---	216	---	220	221	---	34
33	---	154	---	---	191	---	207	211	---	218	---	---	222	33
32	139	---	---	179	---	199	---	---	215	---	219	---	---	32
31	---	---	168	---	190	---	206	210	---	217	---	220	221	31
30	---	153	---	---	---	198	---	---	214	---	218	---	---	30
29	---	---	167	178	189	---	205	---	---	216	---	219	220	29
28	138	---	---	---	---	---	---	209	213	---	217	---	---	28
27	---	152	---	177	188	197	204	---	---	215	---	218	219	27
26	---	---	166	---	---	---	---	208	---	---	216	---	---	26
25	---	---	---	176	187	196	203	---	212	---	---	217	218	25
24	---	151	165	---	---	---	---	207	---	214	---	---	---	24
23	137	---	---	175	186	195	202	---	211	---	215	216	217	23
22	---	---	164	---	---	---	---	206	---	213	---	---	216	22
21	---	150	---	---	185	194	201	---	210	---	214	215	---	21
20	---	---	163	174	---	---	---	205	---	212	213	214	215	20
19	136	149	---	173	184	193	200	---	209	---	---	---	---	19
18	---	---	162	---	---	192	---	204	---	211	212	213	214	18
17	---	---	---	172	183	---	199	---	208	210	---	---	213	17
16	---	148	161	---	---	191	---	203	207	---	211	212	---	16
15	135	---	---	171	182	---	198	202	---	209	---	211	212	15
14	---	147	160	---	181	190	197	---	206	---	210	---	---	14
13	---	---	---	170	---	189	---	201	205	208	209	210	211	13
12	---	146	159	169	180	188	196	200	---	207	---	209	210	12
11	134	---	158	168	179	---	195	199	204	206	208	---	---	11
10	---	145	---	---	178	187	194	---	203	---	207	208	209	10
9	---	---	157	167	177	186	193	198	202	205	206	207	208	9
8	133	144	156	166	176	185	192	197	201	204	205	206	207	8
7	---	143	155	165	175	184	191	196	200	203	204	205	205-206	7
6	---	---	154	164	174	183	190	195	199	202	203	204	204	6
5	132	142	153	163	173	182	189	193-194	198	200-201	202	202-203	203	5
4	131	141	152	162	172	180-181	187-188	192	196-197	199	200-201	201	201-202	4
3	---	140	151	160-161	170-171	178-179	186	190-191	194-195	197-198	198-199	199-200	199-200	3
2	130	138-139	149-150	158-159	168-169	176-177	183-185	188-189	192-193	194-196	196-197	196-198	197-198	2
1	1-129	1-137	1-148	1-157	1-167	1-175	1-182	1-187	1-191	1-193	1-195	1-195	1-196	1

**Table 19: Universal Scale Score to Grade Percentile Rank—Composite (VQN): Midyear Norms
(December 1st through February)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	185+	205+	221+	234+	246+	254+	261+	265+	269+	271+	273+	275+	277+	99
98	180-184	200-204	217-220	229-233	240-245	249-253	255-260	260-264	263-268	266-270	268-272	270-274	272-276	98
97	177-179	196-199	213-216	226-228	237-239	245-248	252-254	256-259	260-262	262-265	264-267	266-269	269-271	97
96	175-176	194-195	211-212	223-225	234-236	243-244	249-251	253-255	257-259	259-261	261-263	264-265	266-268	96
95	173-174	192-193	209-210	221-222	232-233	241-242	247-248	251-252	255-256	257-258	259-260	262-263	264-265	95
94	171-172	190-191	207-208	219-220	230-231	239-240	245-246	249-250	253-254	255-256	257-258	260-261	262-263	94
93	170	189	205-206	218	229	237-238	243-244	247-248	251-252	253-254	255-256	258-259	260-261	93
92	169	188	204	216-217	227-228	236	242	246	250	252	254	256-257	258-259	92
91	168	186-187	203	215	226	234-235	240-241	245	248-249	250-251	253	255	257	91
90	167	185	202	214	225	233	239	243-244	247	249	251-252	254	256	90
89	166	184	201	213	224	232	238	242	246	248	250	253	255	89
88	165	183	200	212	223	231	237	241	245	247	249	252	254	88
87	164	---	199	211	222	230	236	240	244	246	248	251	253	87
86	163	182	198	210	221	229	235	239	243	245	247	250	---	86
85	162	181	197	209	220	228	234	238	242	244	246	249	252	85
84	---	180	196	208	219	227	233	237	241	243	245	248	251	84
83	161	179	195	207	218	226	---	---	240	---	---	247	---	83
82	160	---	---	---	217	---	232	236	---	242	244	---	250	82
81	---	178	194	206	---	225	231	235	239	241	243	246	249	81
80	159	177	193	205	216	224	230	---	238	240	---	245	248	80
79	---	---	---	---	215	---	---	234	---	---	242	244	247	79
78	158	176	192	204	---	223	229	233	237	239	241	---	246	78
77	---	---	191	203	214	222	228	---	236	---	---	243	---	77
76	157	175	---	---	213	---	---	232	---	238	240	242	245	76
75	---	---	190	202	---	221	227	231	235	237	239	---	244	75
74	156	174	---	---	212	220	---	---	234	---	---	241	243	74
73	---	---	189	201	---	---	226	230	---	236	238	---	---	73
72	---	173	---	---	211	219	---	---	233	---	---	240	242	72
71	155	---	188	200	---	---	225	229	---	235	237	239	---	71
70	---	172	---	---	210	218	---	---	232	---	---	---	241	70
69	154	---	187	199	---	---	224	228	---	234	236	238	---	69
68	---	171	---	---	209	217	---	---	231	---	---	---	240	68
67	---	---	186	198	---	---	223	227	---	233	235	237	239	67
66	153	170	---	---	208	216	---	---	230	---	234	---	---	66
65	---	---	185	197	---	---	222	226	---	232	---	236	238	65
64	152	---	---	---	207	215	---	---	229	---	233	---	---	64
63	---	169	184	196	---	---	221	225	---	231	---	235	237	63
62	---	---	---	---	206	214	---	---	---	---	---	---	---	62
61	151	168	183	195	---	---	220	---	228	230	232	234	236	61
60	---	---	---	---	205	---	---	224	---	---	---	---	---	60
59	---	---	182	194	---	213	219	---	227	229	231	233	235	59
58	150	167	---	---	---	---	---	223	---	---	---	---	---	58
57	---	---	181	193	204	212	218	---	226	228	230	232	234	57
56	149	166	---	---	---	---	---	---	---	---	---	---	---	56
55	---	---	---	192	203	211	217	222	225	---	229	231	---	55
54	---	---	180	---	---	---	---	---	---	227	---	---	233	54
53	148	165	---	---	202	---	---	221	---	---	---	---	---	53
52	---	---	179	191	---	210	216	---	224	226	228	230	232	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	147	164	178	190	201	209	215	220	223	225	227	229	231	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	189	200	208	214	219	222	---	226	228	230	48
47	---	163	177	---	---	---	---	---	---	224	---	---	---	47
46	146	---	---	---	199	207	---	218	---	---	---	227	229	46
45	---	162	176	188	---	---	213	---	221	223	225	---	---	45
44	---	---	---	---	198	---	---	---	---	---	---	226	228	44
43	---	---	---	187	---	206	212	217	---	---	224	---	---	43
42	145	161	175	---	---	---	---	---	220	222	---	---	227	42
41	---	---	---	---	197	205	---	216	---	---	223	225	---	41
40	---	160	---	186	---	---	211	---	219	221	---	---	226	40
39	---	---	174	---	196	204	---	215	---	---	---	224	---	39
38	144	---	---	185	---	---	210	---	218	---	222	---	---	38
37	---	159	173	---	195	203	---	214	---	220	---	223	225	37
36	---	---	---	184	---	---	---	---	---	---	221	---	---	36
35	---	---	---	---	194	---	209	---	217	219	---	222	224	35
34	---	158	172	---	---	202	---	213	---	---	220	---	---	34
33	143	---	---	183	193	---	208	---	216	---	---	221	223	33
32	---	---	171	---	---	201	---	212	---	218	---	---	---	32
31	---	157	---	182	---	---	207	---	---	---	219	220	222	31
30	---	---	---	---	192	200	---	211	215	217	---	---	---	30
29	142	---	170	181	---	---	206	---	---	---	218	---	221	29
28	---	156	---	---	191	199	---	---	214	216	---	219	220	28
27	---	---	169	---	---	---	205	210	---	---	217	---	---	27
26	141	155	---	180	190	---	---	213	215	---	---	218	219	26
25	---	---	168	---	---	198	---	209	---	---	216	217	---	25
24	---	---	---	179	189	---	204	---	212	214	---	---	218	24
23	---	154	---	---	---	197	---	208	---	---	215	216	---	23
22	140	---	167	178	188	---	203	---	211	---	---	---	217	22
21	---	---	---	---	---	196	---	207	---	213	214	215	216	21
20	---	153	166	177	187	195	202	---	210	212	---	---	---	20
19	---	---	---	---	---	---	201	206	---	---	213	214	215	19
18	139	152	165	176	186	194	---	---	209	211	---	213	214	18
17	---	---	---	---	185	---	200	205	---	---	212	---	---	17
16	---	151	164	175	---	193	---	204	208	210	211	212	213	16
15	138	---	163	174	184	192	199	---	207	---	---	---	---	15
14	---	150	---	---	---	---	198	203	---	209	210	211	212	14
13	---	---	162	173	183	191	---	202	206	208	---	210	211	13
12	137	149	---	172	182	190	197	---	205	---	209	---	---	12
11	---	---	161	---	181	---	196	201	---	207	208	209	210	11
10	---	148	160	171	---	189	195	200	204	206	207	208	209	10
9	136	---	---	170	180	188	194	199	203	205	206	207	208	9
8	---	147	159	169	179	187	193	198	202	204	205	206	207	8
7	---	146	158	168	178	186	192	197	201	203	204	205	206	7
6	135	---	157	167	177	185	191	196	200	202	203	204	204-205	6
5	134	145	156	166	175-176	183-184	190	195	199	201	202	202-203	203	5
4	---	144	155	165	174	182	189	193-194	197-198	199-200	200-201	201	201-202	4
3	133	142-143	153-154	163-164	172-173	180-181	187-188	192	195-196	197-198	198-199	199-200	199-200	3
2	132	141	151-152	161-162	170-171	178-179	184-186	189-191	193-194	195-196	196-197	196-198	197-198	2
1	1-131	1-140	1-150	1-160	1-169	1-177	1-183	1-188	1-192	1-194	1-195	1-195	1-196	1

Table 20: Universal Scale Score to Grade Percentile Rank—Composite (VQN): Spring Norms (March 1st through July)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	190+	209+	224+	238+	248+	256+	262+	266+	269+	271+	273+	275+	277+	99
98	185-189	204-208	219-223	233-237	243-247	251-255	257-261	261-265	264-268	266-270	268-272	270-274	272-276	98
97	182-184	201-203	216-218	229-232	239-242	247-250	253-256	257-260	260-263	263-265	265-267	267-269	269-271	97
96	180-181	198-200	214-215	227-228	237-238	245-246	250-252	255-256	258-259	260-262	262-264	264-266	266-268	96
95	178-179	196-197	212-213	224-226	235-236	242-244	248-249	252-254	255-257	257-259	260-261	262-263	264-265	95
94	176-177	195	210-211	223	233-234	240-241	246-247	250-251	253-254	256	258-259	260-261	262-263	94
93	175	193-194	208-209	221-222	231-232	239	245	249	252	254-255	256-257	259	261	93
92	174	192	207	220	230	237-238	243-244	247-248	250-251	252-253	255	257-258	259-260	92
91	173	191	206	218-219	228-229	236	242	246	249	251	253-254	256	258	91
90	172	190	204-205	217	227	235	240-241	245	248	250	252	254-255	256-257	90
89	171	189	203	216	226	234	239	244	246-247	249	251	253	255	89
88	170	188	202	215	225	233	238	242-243	245	248	250	252	---	88
87	169	187	201	214	224	232	237	241	244	247	249	251	254	87
86	168	186	200	213	223	231	236	---	243	246	248	---	253	86
85	167	185	---	212	222	230	235	240	---	245	247	250	---	85
84	166	184	199	211	221	229	---	239	242	244	246	249	252	84
83	---	---	198	210	220	228	234	238	241	243	245	248	---	83
82	165	183	197	---	---	227	233	237	240	242	244	247	251	82
81	164	182	---	209	219	---	232	---	239	---	---	---	250	81
80	---	---	196	208	218	226	---	236	---	241	243	246	249	80
79	163	181	195	---	---	225	231	235	238	240	242	245	248	79
78	---	180	---	207	217	---	230	---	---	---	---	244	247	78
77	162	---	194	206	216	224	---	234	237	239	241	---	246	77
76	---	179	193	---	---	223	229	233	236	238	---	243	---	76
75	161	---	---	205	215	---	---	---	---	---	240	242	245	75
74	---	178	192	---	214	222	228	232	235	237	239	---	244	74
73	160	---	---	204	---	---	227	---	---	---	---	241	243	73
72	---	177	191	---	213	221	---	231	234	236	238	---	---	72
71	---	---	---	203	---	---	226	---	---	---	---	240	242	71
70	159	176	190	---	212	220	---	230	233	235	237	239	---	70
69	---	---	---	202	---	---	225	---	---	---	---	---	241	69
68	158	175	189	---	211	219	---	229	232	234	236	238	---	68
67	---	---	---	201	---	---	224	---	---	---	235	---	240	67
66	---	174	188	---	210	218	---	228	231	233	---	237	239	66
65	157	---	---	200	---	---	223	---	---	---	234	---	---	65
64	---	173	187	---	209	217	---	227	230	232	---	236	238	64
63	156	---	---	199	---	---	222	---	---	---	233	---	---	63
62	---	---	---	---	208	216	---	226	229	231	---	235	237	62
61	---	172	186	198	---	---	---	---	---	---	232	---	---	61
60	155	---	---	---	---	215	221	225	228	230	---	234	236	60
59	---	171	185	197	207	---	---	---	---	---	---	---	---	59
58	---	---	---	---	---	---	220	---	---	---	231	233	235	58
57	154	170	184	196	206	214	---	224	227	229	---	---	---	57
56	---	---	---	---	---	---	---	---	---	---	230	232	234	56
55	---	169	183	195	205	213	219	223	226	228	---	---	---	55
54	---	---	---	---	---	---	---	---	---	---	229	231	233	54
53	153	---	---	---	---	212	218	---	225	227	---	---	---	53
52	---	168	182	194	204	---	---	222	---	---	228	230	232	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	152	167	181	193	203	211	217	221	224	226	227	229	231	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	180	192	202	210	216	220	223	225	---	228	230	48
47	151	166	---	---	---	---	---	---	---	---	226	---	---	47
46	---	---	---	---	201	209	215	---	---	---	---	---	229	46
45	---	---	179	191	---	---	---	219	222	224	225	227	---	45
44	150	165	---	---	---	208	214	---	---	---	---	---	---	44
43	---	---	---	190	200	---	---	218	221	223	---	226	228	43
42	---	---	178	---	---	---	---	---	---	---	224	---	---	42
41	149	164	---	189	199	207	213	217	220	222	---	225	227	41
40	---	---	177	---	---	---	---	---	---	---	223	---	---	40
39	---	---	---	---	198	206	212	---	---	---	---	---	226	39
38	148	163	176	188	---	---	---	216	219	221	---	224	---	38
37	---	---	---	---	197	205	211	---	---	---	222	---	225	37
36	---	---	---	187	---	---	---	215	218	220	---	223	---	36
35	---	162	175	---	---	204	210	---	---	---	221	---	224	35
34	147	---	---	---	196	---	---	214	217	219	---	222	---	34
33	---	---	---	186	---	---	---	---	---	---	220	---	223	33
32	---	161	174	---	195	203	209	---	---	---	---	221	---	32
31	146	---	---	185	---	---	---	213	216	218	219	---	222	31
30	---	160	173	---	194	202	208	---	---	---	---	220	---	30
29	---	---	---	184	---	---	---	212	215	217	---	---	221	29
28	---	---	172	---	193	201	207	---	---	---	218	219	---	28
27	145	159	---	183	---	---	---	211	214	216	---	---	220	27
26	---	---	---	---	192	200	206	---	---	---	217	218	---	26
25	---	---	171	182	---	---	---	210	213	215	---	---	219	25
24	144	158	---	---	---	199	205	---	---	---	216	217	218	24
23	---	---	170	---	191	---	---	209	212	214	---	---	---	23
22	---	157	---	181	---	198	204	---	---	---	215	216	217	22
21	---	---	169	180	190	---	---	208	211	213	---	---	216	21
20	143	156	---	---	189	197	203	---	---	---	214	215	---	20
19	---	---	168	179	---	---	---	207	210	212	213	214	215	19
18	---	---	---	---	188	196	202	---	---	---	---	---	214	18
17	142	155	167	178	---	---	---	206	209	211	212	213	---	17
16	---	---	---	---	187	195	201	---	---	---	---	---	213	16
15	---	154	166	177	186	194	200	205	208	210	211	212	---	15
14	141	---	165	176	---	---	---	204	207	209	210	211	212	14
13	---	153	---	---	185	193	199	---	---	---	---	---	211	13
12	140	152	164	175	184	192	198	203	206	208	209	210	---	12
11	---	---	163	174	183	191	---	202	205	207	208	209	210	11
10	---	151	---	173	---	---	197	201	204	206	207	208	209	10
9	139	---	162	---	182	190	196	200	---	205	---	207	208	9
8	---	150	161	172	181	189	195	199	203	---	206	206	207	8
7	138	149	160	171	180	188	194	198	202	203-204	204-205	205	206	7
6	---	148	159	170	179	186-187	193	197	200-201	202	203	204	204-205	6
5	137	147	158	169	178	185	191-192	196	199	201	202	203	203	5
4	136	146	157	167-168	176-177	184	190	195	198	200	200-201	201-202	201-202	4
3	135	145	155-156	165-166	174-175	182-183	188-189	193-194	196-197	198-199	199	199-200	199-200	3
2	134	143-144	153-154	163-164	172-173	180-181	186-187	190-192	193-195	195-197	196-198	196-198	197-198	2
1	1-133	1-142	1-152	1-162	1-171	1-179	1-185	1-189	1-192	1-194	1-195	1-195	1-196	1

Table 21: Universal Scale Score to Standard Age Score—Composite (VQ)

Universal Scale Score to Standard Age Score: Composite (VQ)
 (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	193+	197+	201+	206+	211+	217+	223+	230+	237+	244+	251+	258+	264+	160
159	192	196	200	205	---	216	---	229	236	243	250	257	263	159
158	191	195	199	204	210	---	222	---	235	242	249	256	261-262	158
157	190	194	198	---	209	215	221	228	---	241	248	255	260	157
156	189	193	---	203	208	214	---	227	234	---	247	254	259	156
155	188	192	197	202	---	---	220	226	233	240	246	252-253	258	155
154	187	191	196	201	207	213	219	---	232	239	245	251	257	154
153	186	190	195	200	206	212	218	225	231	238	244	250	256	153
152	184-185	189	194	---	205	211	---	224	230	237	243	249	255	152
151	183	188	193	199	---	---	217	223	---	236	242	248	254	151
150	182	187	192	198	204	210	216	222	228-229	235	241	247	252-253	150
149	---	186	191	197	202-203	208-209	214-215	220-221	227	233-234	239-240	245-246	250-251	149
148	181	---	---	196	201	207	213	219	225-226	231-232	237-238	243-244	248-249	148
147	180	185	190	195	200	206	211-212	217-218	223-224	229-230	235-236	241-242	246-247	147
146	---	184	189	194	199	204-205	210	216	221-222	227-228	233-234	239-240	244-245	146
145	179	183	188	193	198	203	208-209	214-215	220	226	231-232	237-238	242-243	145
144	177-178	182	186-187	191-192	196-197	202	207	213	218-219	224-225	230	235-236	240-241	144
143	176	180-181	185	190	195	200-201	206	211-212	217	222-223	228-229	233-234	238-239	143
142	174-175	179	183-184	188-189	193-194	199	204-205	210	215-216	221	226-227	231-232	236-237	142
141	173	177-178	182	187	192	197-198	203	208-209	213-214	219-220	224-225	229-230	234-235	141
140	171-172	176	181	185-186	191	196	201-202	207	212	217-218	223	228	232-233	140
139	170	175	179-180	184	189-190	194-195	200	205-206	210-211	216	221-222	226-227	231	139
138	169	173-174	178	183	188	193	198-199	204	209	214-215	220	225	229-230	138
137	168	172	177	182	187	192	197	202-203	208	213	218-219	223-224	228	137
136	166-167	171	175-176	180-181	185-186	190-191	196	201	206-207	211-212	217	222	226-227	136
135	165	170	174	179	184	189	194-195	199-200	204-205	210	215-216	220-221	224-225	135
134	164	168-169	173	177-178	182-183	187-188	192-193	197-198	203	208-209	213-214	218-219	222-223	134
133	163	167	172	176	181	186	191	196	201-202	206-207	211-212	216-217	221	133
132	162	166	170-171	175	179-180	184-185	189-190	194-195	199-200	204-205	209-210	214-215	219-220	132
131	161	165	169	173-174	178	183	187-188	192-193	197-198	202-203	207-208	212-213	217-218	131
130	---	164	168	172	177	181-182	186	191	196	201	206	211	215-216	130
129	160	163	167	171	175-176	180	184-185	189-190	194-195	199-200	204-205	209-210	214	129
128	159	162	166	170	174	178-179	183	188	193	198	203	207-208	212-213	128
127	158	161	165	169	173	177	182	186-187	191-192	196-197	201-202	206	210-211	127
126	157	160	164	168	172	176	180-181	185	190	194-195	199-200	204-205	209	126
125	156	159	163	166-167	170-171	174-175	179	183-184	188-189	193	198	203	207-208	125
124	155	158	161-162	165	169	173	178	182	187	192	197	202	206	124
123	154	157	160	164	168	172	177	181	186	191	195-196	200-201	205	123
122	152-153	156	159	163	167	171	175-176	180	185	189-190	194	199	203-204	122
121	151	154-155	158	162	166	170	174	179	183-184	188	193	198	202	121
120	150	153	157	161	165	169	173	178	182	187	192	196-197	201	120
119	---	---	156	160	164	168	172	176-177	181	186	191	195	199-200	119
118	149	152	155	159	163	167	171	175	180	185	189-190	194	198	118
117	148	151	---	158	162	166	170	174	179	183-184	188	193	197	117
116	---	---	154	157	161	165	169	173	178	182	187	191-192	196	116
115	147	150	153	156	160	164	168	172	177	181	186	190	194-195	115
114	---	149	152	---	159	163	167	171	175-176	180	185	189	193	114
113	146	---	---	155	158	162	166	170	174	179	183-184	188	192	113
112	145	148	151	154	157	161	165	169	173	178	182	187	191	112
111	---	147	150	153	---	160	164	168	172	177	181	186	190	111
110	144	---	149	152	156	159	163	167	171	176	180	184-185	189	110
109	---	146	---	---	155	---	162	166	170	175	179	183	187-188	109
108	143	145	148	151	154	158	161	165	169	174	178	182	186	108
107	142	---	147	150	---	157	---	164	168	173	177	181	185	107
106	---	144	---	---	153	156	160	---	167	172	176	180	184	106

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
105	141	---	146	149	152	---	159	163	---	171	175	179	183	105
104	---	143	---	---	151	155	158	162	166	170	174	178	182	104
103	140	---	145	148	---	154	157	161	165	169	173	177	181	103
102	139	142	144	147	150	---	---	160	164	168	172	176	180	102
101	---	---	---	---	149	153	156	159	163	167	171	175	179	101
100	138	141	143	146	148	152	155	158	162	166	170	174	178	100
99	---	---	---	---	---	151	154	157	161	165	169	173	177	99
98	137	140	142	145	147	---	---	---	160	164	168	172	176	98
97	---	139	---	144	---	150	153	156	---	163	167	171	175	97
96	---	---	141	---	146	149	152	155	159	162	166	170	174	96
95	136	138	---	143	---	---	---	---	158	---	165	169	173	95
94	---	---	140	---	145	148	151	154	157	161	---	168	172	94
93	---	---	---	142	---	147	150	153	---	160	164	167	171	93
92	135	137	139	---	144	---	---	---	156	159	163	166	170	92
91	---	---	---	141	143	146	149	152	155	158	162	---	169	91
90	134	136	138	140	---	145	148	151	154	---	161	165	168	90
89	---	---	---	---	142	---	---	---	---	157	160	164	167	89
88	---	135	137	---	---	144	147	150	153	156	---	163	166	88
87	133	---	---	139	141	---	146	149	152	155	159	162	165	87
86	---	---	---	---	---	143	---	---	151	---	158	161	---	86
85	---	134	136	138	140	---	145	148	---	154	157	160	164	85
84	132	---	---	---	---	142	144	147	150	153	156	---	163	84
83	---	---	135	137	139	141	---	146	149	152	155	159	162	83
82	---	133	---	---	---	---	143	---	148	151	---	158	161	82
81	---	---	---	136	138	140	---	145	---	---	154	157	160	81
80	---	---	134	---	---	---	142	144	147	150	153	156	159	80
79	131	---	---	135	137	139	141	---	146	149	152	155	158	79
78	---	132	---	---	---	---	---	143	---	148	151	154	157	78
77	---	---	133	---	136	138	140	142	145	147	150	153	156	77
76	---	---	---	134	---	137	139	---	144	---	---	---	---	76
75	130	131	132	---	135	---	---	141	143	146	149	152	155	75
74	---	---	---	133	---	136	138	140	---	145	148	151	154	74
73	---	---	---	---	134	---	---	---	142	---	147	150	153	73
72	---	130	131	---	---	135	137	139	---	144	---	---	152	72
71	129	---	---	132	133	---	---	---	141	143	146	149	151	71
70	---	---	---	---	---	---	136	138	140	---	145	148	---	70
69	---	---	130	131	---	134	---	---	---	142	---	147	150	69
68	---	129	---	---	132	---	135	137	139	---	144	---	149	68
67	---	---	---	---	---	133	---	---	---	141	143	146	---	67
66	128	---	129	130	131	---	134	136	138	140	---	145	148	66
65	---	128	---	---	---	132	---	---	---	---	142	---	147	65
64	---	---	---	---	---	---	133	135	137	139	---	144	---	64
63	127	---	128	129	130	131	---	134	136	138	141	143	146	63
62	---	127	---	---	---	---	132	---	---	---	140	---	145	62
61	---	---	127	128	129	130	---	133	135	137	---	142	144	61
60	126	---	---	---	---	---	131	---	134	---	139	141	---	60
59	---	126	---	127	128	129	---	132	---	136	138	---	143	59
58	125	---	126	---	---	---	130	---	133	135	---	140	142	58
57	---	125	---	126	127	128	---	131	---	---	137	139	---	57
56	124	---	125	---	---	---	129	---	132	134	136	---	141	56
55	---	124	---	125	126	127	---	130	---	---	---	138	140	55
54	123	---	124	---	---	---	128	---	131	133	135	---	---	54
53	---	123	---	---	---	---	---	---	---	---	---	137	139	53
52	122	---	123	124	125	126	---	129	---	---	---	---	---	52
51	---	122	---	---	---	---	127	---	---	132	134	136	138	51
50	1-121	1-121	1-122	1-123	1-124	1-125	1-126	1-128	1-130	1-131	1-133	1-135	1-137	50

Universal Scale Score to Standard Age Score: Composite (VQ)
(ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	269+	273+	277+	280+	283+	286+	288+	290+	292+	294+	295+	297+	299+	160
159	268	272	276	279	282	285	287	289	291	293	294	296	298	159
158	266-267	271	274-275	278	281	283-284	286	288	290	291-292	293	295	297	158
157	265	269-270	273	276-277	279-280	282	284-285	286-287	288-289	290	292	294	295-296	157
156	264	268	272	275	278	281	283	285	287	289	291	292-293	294	156
155	263	267	271	274	277	279-280	282	284	286	288	290	291	293	155
154	262	266	269-270	273	276	278	281	283	285	287	289	290	292	154
153	260-261	265	268	272	275	277	280	282	284	286	288	289	291	153
152	259	263-264	267	270-271	273-274	276	279	281	283	285	286-287	288	290	152
151	258	262	266	269	272	275	277-278	280	282	284	285	287	289	151
150	257	261	264-265	268	271	274	276	278-279	280-281	282-283	284	286	288	150
149	255-256	259-260	262-263	266-267	269-270	272-273	274-275	276-277	279	281	282-283	284-285	286-287	149
148	252-254	257-258	260-261	264-265	267-268	270-271	272-273	275	277-278	279-280	281	283	284-285	148
147	250-251	255-256	258-259	262-263	265-266	268-269	270-271	273-274	275-276	277-278	279-280	281-282	283	147
146	248-249	253-254	256-257	260-261	263-264	266-267	269	271-272	273-274	276	278	280	281-282	146
145	246-247	251-252	254-255	258-259	261-262	264-265	267-268	269-270	271-272	274-275	276-277	278-279	280	145
144	244-245	248-250	252-253	256-257	259-260	262-263	264-266	267-268	269-270	271-273	274-275	276-277	277-279	144
143	242-243	246-247	250-251	253-255	257-258	259-261	262-263	265-266	267-268	269-270	271-273	273-275	275-276	143
142	240-241	244-245	248-249	251-252	254-256	257-258	260-261	262-264	265-266	267-268	269-270	271-272	273-274	142
141	238-239	242-243	246-247	249-250	252-253	255-256	258-259	260-261	263-264	265-266	267-268	269-270	271-272	141
140	237	240-241	244-245	247-248	250-251	253-254	256-257	258-259	261-262	263-264	265-266	267-268	269-270	140
139	235-236	239	242-243	246	249	251-252	254-255	257	259-260	261-262	263-264	265-266	268	139
138	233-234	237-238	241	244-245	247-248	250	252-253	255-256	257-258	259-260	262	264	266-267	138
137	232	235-236	239-240	242-243	245-246	248-249	251	253-254	255-256	258	260-261	262-263	264-265	137
136	230-231	234	237-238	240-241	243-244	246-247	249-250	251-252	254	256-257	258-259	260-261	262-263	136
135	228-229	232-233	236	239	242	245	247-248	250	252-253	254-255	256-257	259	261	135
134	227	230-231	234-235	237-238	240-241	243-244	246	248-249	250-251	253	255	257-258	259-260	134
133	225-226	228-229	232-233	235-236	238-239	241-242	244-245	246-247	249	251-252	253-254	255-256	258	133
132	223-224	227	230-231	234	237	239-240	242-243	245	247-248	249-250	252	254	256-257	132
131	221-222	225-226	228-229	232-233	235-236	238	241	243-244	246	248	250-251	252-253	254-255	131
130	219-220	223-224	227	230-231	233-234	236-237	239-240	241-242	244-245	246-247	248-249	251	253	130
129	218	222	225-226	228-229	232	234-235	237-238	240	242-243	244-245	247	249-250	251-252	129
128	216-217	220-221	223-224	227	230-231	233	235-236	238-239	240-241	243	245-246	247-248	249-250	128
127	214-215	218-219	222	225-226	228-229	231-232	234	236-237	239	241-242	243-244	245-246	247-248	127
126	213	217	220-221	223-224	227	229-230	232-233	235	237-238	239-240	241-242	244	246	126
125	211-212	215-216	219	222	225-226	228	231	233-234	235-236	238	240	242-243	244-245	125
124	210	214	217-218	221	224	226-227	229-230	232	234	236-237	238-239	240-241	242-243	124
123	209	212-213	216	219-220	222-223	225	228	230-231	232-233	235	237	239	241	123
122	207-208	211	214-215	218	221	223-224	226-227	229	231	233-234	235-236	237-238	239-240	122
121	206	210	213	216-217	219-220	222	225	227-228	229-230	232	234	236	238	121
120	205	208-209	212	215	218	221	223-224	226	228	230-231	232-233	234-235	236-237	120
119	203-204	207	210-211	214	217	219-220	222	224-225	227	229	231	233	235	119
118	202	206	209	212-213	215-216	218	221	223	225-226	228	230	232	234	118
117	201	205	208	211	214	217	219-220	222	224	226-227	228-229	230-231	232-233	117
116	200	203-204	207	210	213	216	218	221	223	225	227	229	231	116
115	198-199	202	205-206	209	212	214-215	217	219-220	222	224	226	228	230	115
114	197	201	204	207-208	210-211	213	216	218	220-221	223	225	227	229	114
113	196	200	203	206	209	212	214-215	217	219	221-222	223-224	225-226	227-228	113
112	195	198-199	202	205	208	211	213	216	218	220	222	224	226	112
111	194	197	201	204	207	209-210	212	214-215	217	219	221	223	225	111
110	192-193	196	199-200	202-203	205-206	208	211	213	216	218	220	222	224	110
109	191	195	198	201	204	207	210	212	214-215	217	219	221	223	109
108	190	194	197	200	203	206	208-209	211	213	215-216	217-218	219-220	221-222	108
107	189	192-193	196	199	202	205	207	210	212	214	216	218	220	107
106	188	191	195	198	201	203-204	206	208-209	211	213	215	217	219	106

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	187	190	193-194	197	199-200	202	205	207	210	212	214	216	218	105
104	185-186	189	192	195-196	198	201	204	206	208-209	211	213	215	217	104
103	184	188	191	194	197	200	202-203	205	207	209-210	211-212	213-214	215-216	103
102	183	187	190	193	196	199	201	204	206	208	210	212	214	102
101	182	186	189	192	195	198	200	203	205	207	209	211	213	101
100	181	185	188	191	194	197	199	202	204	206	208	210	212	100
99	180	184	187	190	193	196	198	201	203	205	207	209	211	99
98	179	183	186	189	192	194-195	197	199-200	202	204	206	208	210	98
97	178	182	185	188	190-191	193	196	198	200-201	203	205	207	209	97
96	177	180-181	184	186-187	189	192	195	197	199	201-202	204	206	207-208	96
95	176	179	182-183	185	188	191	194	196	198	200	202-203	204-205	206	95
94	175	178	181	184	187	190	192-193	195	197	199	201	203	205	94
93	174	177	---	183	186	189	191	194	196	198	200	202	204	93
92	173	176	180	182	185	188	190	193	195	197	199	201	203	92
91	172	---	179	181	184	187	189	192	194	196	198	200	202	91
90	171	175	178	180	183	186	188	191	193	195	197	199	201	90
89	170	174	177	179	182	185	187	190	192	194	196	198	200	89
88	---	173	176	178	181	184	186	188-189	191	193	195	197	199	88
87	169	172	175	177	180	183	185	187	190	192	194	196	197-198	87
86	168	171	174	176	179	182	184	186	188-189	191	193	195	196	86
85	167	170	173	175	178	181	183	185	187	189-190	191-192	193-194	195	85
84	166	169	172	174	177	180	182	184	186	188	190	192	194	84
83	165	168	171	173	176	179	181	183	185	187	189	191	193	83
82	164	167	170	172	175	178	180	182	184	186	188	190	192	82
81	163	166	169	171	174	177	179	181	183	185	187	189	191	81
80	162	165	168	170	173	176	178	180	182	184	186	188	190	80
79	161	164	167	169	172	175	177	179	181	183	185	187	189	79
78	160	163	166	---	171	174	176	178	180	182	184	186	188	78
77	159	162	165	168	170	173	175	177	179	181	183	185	187	77
76	158	161	164	167	169	171-172	174	176	178	180	182	184	186	76
75	157	160	163	166	168	170	173	175	177	179	181	183	185	75
74	---	159	162	165	167	169	172	174	176	178	180	182	184	74
73	156	---	161	164	166	168	171	173	175	177	179	181	183	73
72	155	158	160	163	165	167	170	172	174	176	178	180	181-182	72
71	154	157	159	162	164	166	169	171	173	175	177	179	180	71
70	153	156	158	161	163	---	168	170	172	174	176	178	179	70
69	---	155	---	160	162	165	167	169	171	173	175	177	178	69
68	152	---	157	159	---	164	166	168	170	172	174	176	177	68
67	151	154	156	---	161	163	165	167	169	171	173	175	---	67
66	---	153	155	158	160	162	164	166	168	170	172	174	176	66
65	150	152	---	157	159	161	---	---	167	169	171	173	175	65
64	149	---	154	156	158	---	163	165	---	---	170	172	174	64
63	148	151	153	155	---	160	162	164	166	168	---	171	173	63
62	---	150	152	---	157	159	161	163	165	167	169	170	172	62
61	147	149	---	154	156	158	160	162	164	166	168	---	171	61
60	146	148	151	153	155	157	159	161	163	165	167	169	---	60
59	145	---	150	152	154	156	158	160	162	164	166	168	170	59
58	---	147	149	151	153	---	---	---	161	163	165	167	169	58
57	144	146	148	150	---	155	157	159	---	162	164	166	168	57
56	143	145	147	---	152	154	156	158	160	161	163	165	167	56
55	142	144	---	149	151	153	155	157	159	160	162	164	166	55
54	---	---	146	148	150	152	154	156	158	159	161	163	165	54
53	141	143	145	147	149	151	153	155	157	158	160	162	164	53
52	---	142	144	146	148	150	152	154	155-156	157	159	161	163	52
51	140	---	---	145	147	149	151	153	154	156	158	160	162	51
50	1-139	1-141	1-143	1-144	1-146	1-148	1-150	1-152	1-153	1-155	1-157	1-159	1-161	50

Universal Scale Score to Standard Age Score: Composite (VQ)
(ages 11-6 through 14-6; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	301+	302+	304+	306+	307+	309+	311+	313+	314+	316+	318+	319+	321+	160
159	299-300	301	303	304-305	306	308	310	311-312	313	315	316-317	318	319-320	159
158	298	300	302	303	305	307	308-309	310	312	313-314	315	316-317	317-318	158
157	297	299	300-301	302	304	305-306	307	309	310-311	312	313-314	315	316	157
156	296	298	299	301	303	304	306	307-308	309	310-311	312	313-314	314-315	156
155	295	296-297	298	300	301-302	303	304-305	306	307-308	309	310-311	312	313	155
154	294	295	297	299	300	302	303	305	306	307-308	309	310-311	311-312	154
153	293	294	296	297-298	299	300-301	302	303-304	305	306	307-308	308-309	309-310	153
152	292	293	295	296	298	299	301	302	303-304	305	306	307	308	152
151	291	292	294	295	297	298	299-300	301	302	303-304	304-305	305-306	306-307	151
150	289-290	291	292-293	294	295-296	297	298	299-300	301	302	303	304	305	150
149	288	289-290	291	292-293	294	295-296	297	298	299-300	300-301	301-302	302-303	303-304	149
148	286-287	288	289-290	291	292-293	294	295-296	296-297	298	299	300	301	302	148
147	285	286-287	288	289-290	291	292-293	294	295	296-297	297-298	298-299	299-300	300-301	147
146	283-284	285	286-287	288	289-290	291	292-293	293-294	295	296	297	298	298-299	146
145	281-282	283-284	285	286-287	288	289-290	291	292	293-294	294-295	295-296	296-297	297	145
144	279-280	281-282	283-284	284-285	286-287	287-288	289-290	290-291	292	293	294	295	296	144
143	277-278	279-280	281-282	283	284-285	286	287-288	289	290-291	291-292	292-293	293-294	294-295	143
142	275-276	277-278	279-280	281-282	282-283	284-285	286	287-288	288-289	290	291	292	293	142
141	273-274	275-276	277-278	279-280	281	282-283	284-285	285-286	287	288-289	289-290	291	292	141
140	271-272	273-274	275-276	277-278	279-280	281	282-283	284	285-286	287	288	289-290	290-291	140
139	270	272	273-274	275-276	277-278	279-280	281	282-283	284	285-286	286-287	287-288	288-289	139
138	268-269	270-271	272	274	275-276	277-278	279-280	280-281	282-283	283-284	285	286	287	138
137	266-267	268-269	270-271	272-273	274	276	277-278	279	280-281	282	283-284	284-285	285-286	137
136	264-265	266-267	268-269	270-271	272-273	274-275	276	277-278	279	280-281	281-282	282-283	284	136
135	263	265	267	269	270-271	272-273	274-275	275-276	277-278	278-279	280	281	282-283	135
134	261-262	263-264	265-266	267-268	269	271	272-273	274	275-276	277	278-279	279-280	280-281	134
133	260	262	263-264	265-266	267-268	269-270	271	272-273	274	275-276	276-277	277-278	278-279	133
132	258-259	260-261	262	264	265-266	267-268	269-270	270-271	272-273	273-274	274-275	276	277	132
131	256-257	258-259	260-261	262-263	264	266	267-268	269	270-271	271-272	273	274-275	275-276	131
130	255	257	259	260-261	262-263	264-265	265-266	267-268	268-269	270	271-272	272-273	273-274	130
129	253-254	255-256	257-258	259	260-261	262-263	264	265-266	266-267	268-269	269-270	270-271	271-272	129
128	251-252	253-254	255-256	257-258	258-259	260-261	262-263	263-264	265	266-267	267-268	268-269	269-270	128
127	249-250	251-252	253-254	255-256	257	258-259	260-261	261-262	263-264	264-265	265-266	266-267	267-268	127
126	248	249-250	251-252	253-254	255-256	256-257	258-259	259-260	261-262	262-263	263-264	264-265	265-266	126
125	246-247	248	250	251-252	253-254	255	256-257	258	259-260	260-261	262	263	264	125
124	244-245	246-247	248-249	250	252	253-254	255	256-257	258	259	260-261	261-262	262-263	124
123	243	245	247	248-249	250-251	252	253-254	255	256-257	257-258	259	260	261	123
122	241-242	243-244	245-246	247	248-249	250-251	252	253-254	255	256	257-258	258-259	259-260	122
121	240	242	244	245-246	247	249	250-251	252	253-254	254-255	255-256	256-257	257-258	121
120	238-239	240-241	242-243	244	246	247-248	249	250-251	251-252	253	254	255	256	120
119	237	239	241	242-243	244-245	246	247-248	249	250	251-252	252-253	254	254-255	119
118	236	238	239-240	241	243	244-245	246	247-248	249	250	251	252-253	253	118
117	234-235	236-237	238	240	241-242	243	244-245	246	247-248	248-249	250	251	252	117
116	233	235	237	238-239	240	242	243	244-245	246	247	248-249	249-250	250-251	116
115	232	234	235-236	237	239	240-241	242	243	244-245	246	247	248	249	115
114	230-231	232-233	234	236	237-238	239	240-241	242	243	244-245	245-246	246-247	247-248	114
113	229	231	233	234-235	236	238	239	240-241	242	243	244	245	246	113
112	228	230	232	233	235	236-237	238	239	240-241	242	243	244	244-245	112
111	227	229	230-231	232	233-234	235	236-237	238	239	240-241	241-242	242-243	243	111
110	226	227-228	229	231	232	234	235	236-237	238	239	240	241	242	110
109	224-225	226	228	229-230	231	233	234	235	236-237	238	239	240	240-241	109
108	223	225	227	228	230	231-232	233	234	235	236-237	237-238	238-239	239	108
107	222	224	225-226	227	229	230	231-232	233	234	235	236	237	238	107
106	221	223	224	226	227-228	229	230	232	233	234	235	236	237	106

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
105	220	221-222	223	225	226	228	229	230-231	231-232	233	234	234-235	235-236	105
104	219	220	222	224	225	227	228	229	230	232	232-233	233	234	104
103	217-218	219	221	222-223	224	225-226	227	228	229	230-231	231	232	233	103
102	216	218	219-220	221	222-223	224	225-226	226-227	227-228	229	230	230-231	231-232	102
101	215	217	218	220	221	223	224	225	226	228	228-229	229	230	101
100	214	216	217	219	220	222	223	224	225	227	227	228	229	100
99	213	215	216	218	219	221	222	223	224	226	226	227	228	99
98	212	214	215	217	218	220	221	222	223	224-225	225	226	227	98
97	210-211	212-213	214	215-216	217	218-219	220	221	222	223	224	225	226	97
96	209	211	213	214	216	217	219	220	221	222	223	224	224-225	96
95	208	210	212	213	215	216	217-218	219	220	221	222	223	223	95
94	207	209	210-211	212	214	215	216	217-218	219	220	221	221-222	222	94
93	206	208	209	211	212-213	214	215	216	217-218	218-219	219-220	220	221	93
92	205	207	208	210	211	213	214	215	216	217	218	219	220	92
91	204	205-206	207	209	210	212	213	214	215	216	217	218	219	91
90	203	204	206	208	209	210-211	212	213	214	215	216	217	217-218	90
89	201-202	203	205	206-207	208	209	211	212	213	214	215	216	216	89
88	200	202	204	205	207	208	209-210	211	212	213	214	214-215	215	88
87	199	201	203	204	206	207	208	209-210	211	212	212-213	213	214	87
86	198	200	201-202	203	204-205	206	207	208	209-210	210-211	211	212	213	86
85	197	199	200	202	203	205	206	207	208	209	210	211	212	85
84	196	198	199	201	202	204	205	206	207	208	209	210	211	84
83	195	197	198	200	201	202-203	204	205	206	207	208	209	210	83
82	194	195-196	197	199	200	201	203	204	205	206	207	208	208-209	82
81	193	194	196	197-198	199	200	202	203	204	205	206	207	207	81
80	192	193	195	196	198	199	200-201	202	203	204	205	205-206	206	80
79	191	192	194	195	197	198	199	201	202	203	204	204	205	79
78	190	191	193	194	196	197	198	200	201	202	203	203	204	78
77	189	190	192	193	195	196	197	198-199	200	201	201-202	202	203	77
76	188	189	191	192	194	195	196	197	199	199-200	200	201	202	76
75	186-187	188	190	191	193	194	195	196	197-198	198	199	200	201	75
74	185	187	189	190	192	193	194	195	196	197	198	199	200	74
73	184	186	188	189	190-191	192	193	194	195	196	197	198	199	73
72	183	185	186-187	188	189	191	192	193	194	195	196	197	198	72
71	182	184	185	187	188	190	191	192	193	---	195	196	197	71
70	181	183	184	186	187	189	190	191	192	194	---	195	196	70
69	180	182	183	185	186	188	189	190	---	193	194	---	195	69
68	179	181	182	184	185	187	188	---	191	192	193	194	---	68
67	178	180	---	183	---	186	187	189	190	191	192	193	194	67
66	177	179	181	182	184	185	186	188	189	190	191	192	193	66
65	176	178	180	181	183	184	---	187	188	189	190	191	192	65
64	---	177	179	180	182	183	185	186	187	188	189	190	191	64
63	175	176	178	---	181	---	184	185	186	---	---	189	190	63
62	174	---	177	179	180	182	183	184	---	187	188	---	---	62
61	173	175	176	178	179	181	182	---	185	186	187	188	189	61
60	172	174	---	177	---	180	181	183	184	185	186	187	188	60
59	171	173	175	176	178	179	---	182	183	184	185	186	187	59
58	170	172	174	175	177	178	180	181	---	---	---	---	---	58
57	---	171	173	---	176	---	179	---	182	183	184	185	186	57
56	169	170	172	174	175	177	178	180	181	182	183	184	185	56
55	168	169	171	173	174	176	---	179	180	---	---	---	---	55
54	167	168	170	172	173	175	177	178	179	181	182	183	184	54
53	166	167	169	171	172	174	176	177	178	180	181	182	183	53
52	164-165	166	168	170	171	173	175	176	---	179	180	181	182	52
51	163	165	167	169	170	172	174	175	177	178	179	180	181	51
50	1-162	1-164	1-166	1-168	1-169	1-171	1-173	1-174	1-176	1-177	1-178	1-179	1-180	50

Universal Scale Score to Standard Age Score: Composite (VQ)
(ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	322+	323+	325+	326+	327+	328+	329+	330+	331+	333+	335+	336+	338+	340+	160
159	320-321	322	323-324	324-325	325-326	326-327	327-328	328-329	329-330	330-332	332-334	334-335	335-337	337-339	159
158	319	320-321	321-322	322-323	323-324	324-325	325-326	326-327	327-328	328-329	329-331	331-333	332-334	334-336	158
157	317-318	318-319	319-320	320-321	321-322	322-323	322-324	323-325	324-326	326-327	327-328	328-330	329-331	331-333	157
156	315-316	316-317	317-318	318-319	319-320	320-321	320-321	321-322	322-323	323-325	324-326	325-327	326-328	328-330	156
155	314	315	316	316-317	317-318	318-319	318-319	319-320	320-321	321-322	322-323	323-324	324-325	325-327	155
154	312-313	313-314	314-315	315	315-316	316-317	316-317	317-318	318-319	318-320	319-321	320-322	321-323	322-324	154
153	310-311	311-312	312-313	313-314	313-314	314-315	314-315	315-316	315-317	316-317	317-318	317-319	318-320	319-321	153
152	309	310	310-311	311-312	311-312	312-313	312-313	313-314	313-314	314-315	314-316	315-316	316-317	316-318	152
151	307-308	308-309	308-309	309-310	309-310	310-311	310-311	311-312	311-312	311-313	312-313	312-314	313-315	313-315	151
150	305-306	306-307	307	307-308	308	308-309	308-309	309-310	309-310	309-310	310-311	310-311	311-312	311-312	150
149	304	305	305-306	306	306-307	306-307	306-307	307-308	307-308	307-308	308-309	308-309	309-310	309-310	149
148	302-303	303-304	303-304	304-305	304-305	304-305	305	305-306	305-306	306	306-307	306-307	307-308	307-308	148
147	301	301-302	302	302-303	302-303	303	303-304	303-304	303-304	304-305	304-305	304-305	305-306	305-306	147
146	299-300	300	300-301	301	301	301-302	301-302	301-302	302	302-303	302-303	302-303	303-304	303-304	146
145	298	298-299	299	299-300	299-300	300	300	300	300-301	300-301	300-301	301	301-302	301-302	145
144	296-297	297	297-298	298	298	298-299	298-299	299	299	299	299	299-300	299-300	300	144
143	295	296	296	297	297	297	297	297-298	298	298	298	298	298	298-299	143
142	294	294-295	295	295-296	296	296	296	296	296-297	296-297	297	297	297	297	142
141	292-293	293	294	294	294-295	295	295	295	295	295	295-296	295-296	295-296	295-296	141
140	291	292	292-293	293	293	293-294	293-294	293-294	294	294	294	294	294	294	140
139	289-290	290-291	291	291-292	291-292	291-292	292	292	292-293	292-293	292-293	292-293	292-293	292-293	139
138	288	288-289	289-290	289-290	290	290	290-291	290-291	290-291	290-291	290-291	291	291	291	138
137	286-287	287	287-288	288	288-289	288-289	288-289	289	289	289	289	289-290	289-290	289-290	137
136	284-285	285-286	286	286-287	286-287	287	287	287-288	287-288	287-288	287-288	287-288	287-288	287-288	136
135	283	283-284	284-285	284-285	285	285-286	285-286	285-286	285-286	286	286	286	286	286	135
134	281-282	282	282-283	283	283-284	283-284	283-284	284	284	284-285	284-285	284-285	284-285	284-285	134
133	279-280	280-281	280-281	281-282	281-282	281-282	282	282-283	282-283	282-283	282-283	282-283	282-283	283	133
132	277-278	278-279	279	279-280	279-280	280	280-281	280-281	280-281	280-281	281	281	281	281-282	132
131	276	276-277	277-278	277-278	278	278-279	278-279	278-279	278-279	279	279-280	279-280	279-280	279-280	131
130	274-275	274-275	275-276	275-276	276-277	276-277	276-277	276-277	277	277-278	277-278	277-278	278	278	130
129	272-273	273	273-274	274	274-275	274-275	274-275	275	275-276	275-276	275-276	276	276-277	276-277	129
128	270-271	271-272	271-272	272-273	272-273	272-273	273	273-274	273-274	273-274	274	274-275	274-275	275	128
127	268-269	269-270	269-270	270-271	270-271	271	271-272	271-272	271-272	272	272-273	272-273	273	273-274	127
126	266-267	267-268	268	268-269	268-269	269-270	269-270	269-270	270	270-271	270-271	271	271-272	271-272	126
125	265	265-266	266-267	266-267	267	267-268	267-268	268	268-269	268-269	269	269-270	269-270	270	125
124	263-264	264	264-265	265	265-266	265-266	266	266-267	266-267	267	267-268	267-268	268	268-269	124
123	261-262	262-263	263	263-264	264	264	264-265	264-265	265	265-266	265-266	266	266-267	266-267	123
122	260	261	261-262	262	262-263	262-263	262-263	263	263-264	263-264	264	264-265	264-265	265	122
121	258-259	259-260	260	260-261	260-261	261	261	261-262	261-262	262	262-263	262-263	263	263-264	121
120	257	257-258	258-259	258-259	259	259-260	259-260	260	260	260-261	260-261	261	261-262	261-262	120
119	255-256	256	257	257	257-258	258	258	258-259	258-259	259	259	259-260	260	260	119
118	254	255	255-256	256	256	256-257	256-257	257	257	257-258	258	258	258-259	259	118
117	252-253	253-254	254	254-255	254-255	255	255	255-256	256	256	256-257	257	257	257-258	117
116	251	252	252-253	253	253	253-254	254	254	254-255	254-255	255	255-256	256	256	116
115	249-250	250-251	251	251-252	252	252	252-253	252-253	253	253	253-254	254	254-255	255	115
114	248	249	249-250	250	250-251	250-251	251	251	251-252	252	252	252-253	253	253-254	114
113	247	247-248	248	248-249	249	249	249-250	250	250	250-251	251	251	251-252	252	113
112	245-246	246	246-247	247	247-248	247-248	248	248-249	248-249	249	249-250	249-250	250	250-251	112
111	244	244-245	245	245-246	246	246	246-247	247	247	247-248	248	248	248-249	249	111
110	242-243	243	244	244	244-245	245	245	245-246	246	246	246-247	247	247	247-248	110
109	241	242	242-243	243	243	243-244	244	244	244-245	244-245	245	245-246	245-246	246	109
108	240	240-241	241	241-242	242	242	242-243	242-243	243	243	243-244	244	244	244-245	108
107	239	239	240	240	240-241	241	241	241	241-242	242	242	242-243	242-243	243	107
106	237-238	238	238-239	239	239	239-240	239-240	240	240	240-241	240-241	241	241	241-242	106

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
105	236	237	237	237-238	238	238	238	238-239	239	239	239	239-240	239-240	240	105
104	235	235-236	236	236	236-237	237	237	237	237-238	237-238	238	238	238	238-239	104
103	234	234	235	235	235	236	236	236	236	236	237	237	237	237	103
102	232-233	233	233-234	233-234	234	234-235	234-235	234-235	235	235	235-236	235-236	235-236	236	102
101	231	231-232	232	232	232-233	233	233	233	233-234	233-234	234	234	234	234-235	101
100	230	230	231	231	231	232	232	232	232	232	233	233	233	233	100
99	229	229	230	230	230	231	231	231	231	231	231-232	231-232	231-232	231-232	99
98	227-228	228	228-229	229	229	229-230	229-230	229-230	229-230	230	230	230	230	230	98
97	226	227	227	227-228	228	228	228	228	228	228-229	229	229	229	229	97
96	225	226	226	226	226-227	227	227	227	227	227	227-228	227-228	227-228	227-228	96
95	224	224-225	225	225	225	225-226	226	226	226	226	226	226	226	226	95
94	223	223	224	224	224	224	224-225	225	225	225	225	225	225	225	94
93	222	222	222-223	223	223	223	223	223-224	224	224	224	224	224	224	93
92	220-221	221	221	222	222	222	222	222	222-223	222-223	223	223	223	223	92
91	219	220	220	220-221	221	221	221	221	221	221	221-222	222	222	222	91
90	218	219	219	219	219-220	220	220	220	220	220	220	220-221	221	221	90
89	217	217-218	218	218	218	218-219	219	219	219	219	219	219	219-220	219-220	89
88	216	216	217	217	217	217	218	218	218	218	218	218	218	218	88
87	215	215	216	216	216	216	216-217	217	217	217	217	217	217	217	87
86	213-214	214	214-215	215	215	215	215	215-216	215-216	216	216	216	216	216	86
85	212	213	213	214	214	214	214	214	214	215	215	215	215	215	85
84	211	212	212	212-213	213	213	213	213	213	213-214	214	214	214	214	84
83	210	211	211	211	212	212	212	212	212	212	213	213	213	213	83
82	209	210	210	210	211	211	211	211	211	211	212	212	212	212	82
81	208	208-209	209	209	209-210	210	210	210	210	210	211	211	211	211	81
80	207	207	208	208	208	209	209	209	209	209	210	210	210	210	80
79	206	206	207	207	207	207-208	208	208	208	208	208-209	209	209	209	79
78	205	205	206	206	206	206	207	207	207	207	207	208	208	208	78
77	204	204	204-205	205	205	205	205-206	206	206	206	206	206-207	207	207	77
76	202-203	203	203	204	204	204	204	205	205	205	205	205	206	206	76
75	201	202	202	203	203	203	203	204	204	204	204	204	205	205	75
74	---	201	---	202	202	202	---	203	203	203	203	---	204	204	74
73	200	200	201	201	201	201	202	202	202	202	---	203	203	203	73
72	199	199	200	200	200	---	201	201	201	---	202	202	202	---	72
71	198	198	199	199	---	200	200	200	---	201	201	201	---	202	71
70	197	---	198	198	199	199	199	---	200	200	200	---	201	201	70
69	196	197	197	---	198	198	198	199	199	199	---	200	200	---	69
68	195	196	196	197	197	197	---	198	198	---	199	199	---	200	68
67	194	195	---	196	196	---	197	197	---	198	198	---	199	199	67
66	---	194	195	195	---	196	196	196	197	197	---	198	198	---	66
65	193	193	194	194	195	195	195	---	196	196	197	197	---	198	65
64	192	---	193	---	194	194	---	195	195	---	196	---	197	197	64
63	191	192	192	193	193	193	194	194	---	195	195	196	196	---	63
62	190	191	---	192	192	---	193	193	194	194	---	195	---	196	62
61	---	190	191	191	---	192	192	---	193	193	194	194	195	195	61
60	189	189	190	---	191	191	---	192	192	---	193	---	194	---	60
59	188	---	189	190	190	---	191	191	---	192	192	193	193	194	59
58	---	188	---	189	---	190	190	---	191	191	---	192	---	193	58
57	187	---	188	---	189	189	---	190	190	---	191	---	192	192	57
56	186	187	---	188	188	---	189	189	---	190	190	191	191	---	56
55	---	186	187	187	---	188	188	---	189	189	---	190	190	191	55
54	185	185	186	---	187	187	---	188	188	---	189	189	---	190	54
53	184	---	185	186	---	186	---	187	187	188	188	---	189	189	53
52	183	184	---	185	185	186	186	186	---	187	187	188	188	---	52
51	182	183	184	184	---	185	185	---	186	186	---	187	187	188	51
50	1-181	1-182	1-183	1-183	1-184	1-184	1-184	1-185	1-185	1-185	1-186	1-186	1-186	1-187	50

Table 22: Universal Scale Score to Grade Percentile Rank—Composite (VQ): Fall Norms (Before December 1st)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	175+	199+	219+	230+	246+	257+	266+	273+	278+	281+	283+	286+	288+	99
98	170-174	194-198	214-218	224-229	240-245	251-256	260-265	267-272	272-277	275-280	277-282	280-285	282-287	98
97	168-169	190-193	210-213	220-223	236-239	247-250	256-259	263-266	268-271	270-274	272-276	276-279	278-281	97
96	165-167	188-189	207-209	217-219	233-235	244-246	253-255	260-262	264-267	267-269	269-271	273-275	275-277	96
95	163-164	186-187	205-206	215-216	231-232	242-243	251-252	257-259	261-263	264-266	266-268	270-272	273-274	95
94	162	184-185	203-204	213-214	229-230	240-241	248-250	255-256	259-260	262-263	264-265	268-269	270-272	94
93	161	183	202	211-212	227-228	238-239	247	253-254	258	260-261	262-263	266-267	269	93
92	160	181-182	200-201	210	225-226	236-237	245-246	252	256-257	259	261	264-265	267-268	92
91	159	180	199	209	224	235	244	250-251	255	257-258	259-260	263	266	91
90	158	179	198	207-208	223	233-234	242-243	249	253-254	256	258	261-262	264-265	90
89	---	178	197	206	221-222	232	241	248	252	255	257	260	263	89
88	157	177	196	205	220	231	240	246-247	251	254	256	259	262	88
87	156	---	195	204	219	230	239	245	250	253	255	258	261	87
86	---	176	194	203	218	229	238	244	249	252	254	257	259-260	86
85	155	175	193	202	217	228	237	243	248	251	253	256	258	85
84	---	174	192	---	216	227	236	242	247	250	252	255	257	84
83	154	---	191	201	---	226	235	---	246	249	251	254	---	83
82	---	173	190	200	215	---	234	241	245	248	250	253	256	82
81	---	172	---	199	214	225	---	240	244	247	249	252	255	81
80	153	---	189	---	213	224	233	239	---	246	248	251	254	80
79	---	171	188	198	---	223	232	---	243	---	---	---	253	79
78	152	---	---	197	212	---	231	238	242	245	247	250	---	78
77	---	170	187	---	211	222	---	237	---	244	246	249	252	77
76	---	---	186	196	---	221	230	---	241	---	245	248	251	76
75	151	169	---	195	210	---	229	236	240	243	---	---	---	75
74	---	---	185	---	209	220	---	235	---	242	244	247	250	74
73	---	168	---	194	---	---	228	---	239	---	243	246	249	73
72	150	---	184	---	208	219	---	234	238	241	---	---	---	72
71	---	167	---	193	---	---	227	---	---	240	242	245	248	71
70	---	---	183	---	207	218	---	233	237	---	---	244	247	70
69	149	166	---	192	---	217	226	232	---	239	241	---	---	69
68	---	---	182	---	206	---	---	---	236	---	---	243	246	68
67	---	165	---	191	---	216	225	231	---	238	240	---	245	67
66	148	---	181	---	205	---	224	---	235	---	239	242	---	66
65	---	164	---	190	---	215	---	230	---	237	---	241	244	65
64	---	---	180	---	204	---	223	---	234	---	238	---	243	64
63	147	---	---	189	---	214	---	229	---	236	---	240	---	63
62	---	163	179	---	203	---	222	---	233	---	237	---	242	62
61	---	---	---	---	---	213	---	228	---	235	---	239	241	61
60	---	---	178	188	202	---	---	---	232	234	236	---	---	60
59	146	162	---	---	---	212	221	227	---	---	---	238	240	59
58	---	---	---	187	---	---	---	---	231	233	235	---	---	58
57	---	---	177	---	201	211	220	226	---	---	---	237	239	57
56	---	161	---	---	---	---	---	---	230	232	234	236	---	56
55	145	---	176	186	200	---	219	---	---	---	---	---	238	55
54	---	---	---	---	---	210	---	225	229	231	233	235	237	54
53	---	160	175	185	---	---	---	---	---	---	---	---	---	53
52	---	---	---	---	199	209	218	224	228	230	232	234	236	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	144	159	174	184	198	208	217	223	227	229	231	233	235	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	197	207	216	222	226	228	230	232	234	48
47	---	158	173	183	---	---	---	---	---	---	---	---	---	47
46	143	---	---	---	---	---	215	221	225	---	229	231	233	46
45	---	---	172	182	196	206	---	---	---	227	---	---	---	45
44	---	157	---	---	---	---	214	220	224	---	228	230	232	44
43	---	---	---	---	195	205	---	---	---	226	---	---	---	43
42	142	---	171	181	---	---	213	---	---	---	---	229	231	42
41	---	156	---	---	194	---	---	219	223	225	227	---	---	41
40	---	---	---	180	---	204	212	---	---	---	---	228	230	40
39	---	---	170	---	193	---	---	218	222	---	226	---	229	39
38	141	155	---	---	---	203	---	---	---	224	---	227	---	38
37	---	---	169	179	---	---	211	217	221	---	225	---	228	37
36	---	---	---	---	192	202	---	---	---	223	---	226	---	36
35	---	154	---	178	---	---	210	216	220	---	224	---	227	35
34	---	---	168	---	191	201	---	---	---	222	---	225	---	34
33	140	---	---	---	---	---	209	215	219	---	223	---	226	33
32	---	153	---	177	190	---	---	---	---	221	---	224	---	32
31	---	---	167	---	---	200	208	214	218	---	222	---	225	31
30	---	---	---	176	---	---	---	---	---	220	---	223	---	30
29	---	152	166	---	189	199	207	213	217	---	221	---	224	29
28	139	---	---	175	---	---	---	---	---	219	---	222	---	28
27	---	---	---	---	188	198	206	212	216	218	220	---	223	27
26	---	---	165	---	---	---	---	---	---	---	219	221	---	26
25	---	151	---	174	187	197	205	211	215	217	---	---	222	25
24	138	---	164	---	---	---	---	---	---	---	218	220	221	24
23	---	---	---	173	186	196	204	210	214	216	---	---	---	23
22	---	150	---	---	---	---	---	209	213	---	217	219	220	22
21	---	---	163	172	185	195	203	---	---	215	---	218	---	21
20	137	149	---	---	---	194	202	208	212	---	216	---	219	20
19	---	---	162	---	184	---	---	---	---	214	215	217	218	19
18	---	---	---	171	---	193	201	207	211	213	---	216	---	18
17	---	148	161	170	183	---	---	206	210	---	214	---	217	17
16	136	---	---	---	182	192	200	---	---	212	213	215	216	16
15	---	---	160	169	---	191	199	205	209	211	---	214	---	15
14	---	147	---	---	181	---	198	204	208	---	212	---	215	14
13	135	---	159	168	180	190	---	---	207	210	211	213	214	13
12	---	146	---	---	---	189	197	203	---	209	210	212	213	12
11	---	---	158	167	179	188	196	202	206	208	---	211	212	11
10	---	145	157	166	178	---	195	201	205	207	209	210	211	10
9	134	---	---	165	177	187	194	200	204	206	207-208	209	210	9
8	---	144	156	164	176	186	193	199	203	205	206	208	209	8
7	133	143	155	---	175	185	192	198	201-202	204	205	206-207	207-208	7
6	---	142	154	162-163	174	184	191	197	200	202-203	204	205	206	6
5	132	---	153	161	173	182-183	190	195-196	199	201	202-203	204	205	5
4	---	141	152	160	172	181	188-189	194	197-198	199-200	201	202-203	203-204	4
3	131	139-140	150-151	159	170-171	179-180	186-187	191-193	195-196	197-198	199-200	200-201	201-202	3
2	130	138	148-149	156-158	167-169	176-178	183-185	189-190	192-194	195-196	196-198	197-199	198-200	2
1	1-129	1-137	1-147	1-155	1-166	1-175	1-182	1-188	1-191	1-194	1-195	1-196	1-197	1

Table 23: Universal Scale Score to Grade Percentile Rank—Composite (VQ): Midyear Norms (December 1st through February)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	183+	205+	222+	235+	249+	259+	268+	274+	279+	281+	283+	286+	288+	99
98	178-182	200-204	216-221	230-234	243-248	254-258	262-267	269-273	273-278	275-280	277-282	281-285	283-287	98
97	175-177	196-199	213-215	226-229	239-242	250-253	258-261	264-268	268-272	271-274	273-276	277-280	279-282	97
96	173-174	194-195	210-212	223-225	236-238	247-249	255-257	261-263	265-267	267-270	270-272	273-276	276-278	96
95	171-172	192-193	207-209	220-222	234-235	244-246	252-254	258-260	262-264	264-266	267-269	271-272	273-275	95
94	169-170	190-191	206	218-219	232-233	242-243	250-251	256-257	260-261	262-263	265-266	269-270	271-272	94
93	168	188-189	204-205	217	230-231	240-241	249	255	258-259	261	263-264	267-268	269-270	93
92	166-167	187	203	215-216	228-229	239	247-248	253-254	257	259-260	261-262	265-266	268	92
91	165	186	201-202	214	227	237-238	245-246	251-252	255-256	258	260	264	266-267	91
90	163-164	185	200	213	225-226	236	244	250	254	256-257	259	262-263	265	90
89	---	184	199	211-212	224	235	243	249	253	255	257-258	261	264	89
88	162	183	198	210	223	233-234	242	248	252	254	256	260	262-263	88
87	161	182	197	209	222	232	241	247	251	253	255	259	261	87
86	---	181	196	208	221	231	240	246	250	252	254	257-258	260	86
85	160	180	195	207	220	230	239	245	249	251	253	256	259	85
84	---	179	194	---	219	---	238	244	248	250	252	255	258	84
83	159	---	193	206	218	229	237	243	247	249	251	254	257	83
82	---	178	---	205	---	228	236	242	246	248	---	---	256	82
81	158	177	192	204	217	227	235	241	245	---	250	253	---	81
80	---	---	191	---	216	226	---	---	---	247	249	252	255	80
79	157	176	---	203	---	---	234	240	244	246	248	251	254	79
78	---	---	190	202	215	225	233	239	243	245	247	250	---	78
77	---	175	189	201	214	224	---	---	242	---	---	---	253	77
76	156	174	---	---	---	---	232	238	---	244	246	249	---	76
75	---	---	188	200	213	223	231	237	241	243	245	248	252	75
74	155	173	---	---	212	---	---	---	240	---	---	247	251	74
73	---	---	187	199	---	222	230	236	---	242	244	---	---	73
72	---	172	---	---	211	221	---	235	239	---	243	246	250	72
71	154	---	186	198	---	---	229	---	---	241	---	245	249	71
70	---	171	185	197	210	220	228	234	238	240	242	---	248	70
69	153	---	---	---	---	---	---	---	---	---	---	244	---	69
68	---	170	184	196	209	219	227	233	237	239	241	243	247	68
67	---	---	---	---	---	---	---	---	236	---	---	---	246	67
66	152	169	183	195	208	218	226	232	---	238	240	242	---	66
65	---	---	---	---	---	---	---	---	235	---	239	---	245	65
64	---	---	182	---	207	217	225	231	---	237	---	241	244	64
63	151	168	---	194	---	---	---	---	234	---	238	240	---	63
62	---	---	---	---	206	216	224	230	---	236	---	---	243	62
61	---	167	181	193	---	---	---	---	233	---	237	239	242	61
60	150	---	---	---	205	215	223	229	---	235	---	---	---	60
59	---	---	180	192	---	---	---	---	232	---	236	238	241	59
58	---	166	---	---	204	---	222	228	---	234	---	---	---	58
57	149	---	179	191	---	214	---	---	231	---	235	237	240	57
56	---	165	---	---	---	---	221	227	---	233	234	236	---	56
55	---	---	178	190	203	213	---	---	---	---	---	---	239	55
54	---	---	---	---	---	---	220	226	230	232	233	235	238	54
53	148	164	---	---	202	---	---	---	---	---	---	---	---	53
52	---	---	177	189	---	212	219	225	229	231	232	234	237	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	147	163	176	188	201	211	218	224	228	230	231	233	236	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	200	210	217	223	227	229	230	232	235	48
47	---	162	175	187	---	---	---	---	---	---	---	---	---	47
46	---	---	---	---	199	209	---	222	226	228	---	231	234	46
45	146	---	---	186	---	---	216	---	---	---	229	---	233	45
44	---	161	174	---	---	208	---	---	225	227	---	230	---	44
43	---	---	---	---	198	---	215	221	---	---	228	---	232	43
42	---	---	---	185	---	207	---	---	224	226	---	229	---	42
41	---	160	173	---	197	---	---	220	---	---	227	---	231	41
40	145	---	---	---	---	---	214	---	223	225	---	228	---	40
39	---	---	---	184	196	206	---	219	---	---	226	---	230	39
38	---	159	172	---	---	---	213	---	222	---	---	---	---	38
37	---	---	---	183	195	205	---	218	---	224	---	227	229	37
36	144	---	171	---	---	---	212	---	221	---	225	---	---	36
35	---	158	---	---	194	204	---	217	---	223	---	226	228	35
34	---	---	---	182	---	---	211	---	220	---	224	---	---	34
33	---	---	170	---	---	203	---	216	---	222	---	225	227	33
32	---	157	---	181	193	---	210	---	219	---	223	224	226	32
31	143	---	---	---	---	202	---	215	---	221	222	---	---	31
30	---	---	169	180	192	---	209	---	218	---	---	223	225	30
29	---	156	---	---	---	201	---	214	---	220	221	---	---	29
28	---	---	168	---	191	---	208	---	217	219	---	222	224	28
27	142	---	---	179	---	200	---	213	---	---	220	---	---	27
26	---	155	---	---	190	---	207	---	216	218	---	221	223	26
25	---	---	167	178	---	199	---	212	---	---	219	---	---	25
24	141	---	---	---	189	---	206	---	215	217	---	220	222	24
23	---	154	166	177	---	198	---	211	---	---	218	---	221	23
22	---	---	---	---	188	---	205	---	214	216	---	219	---	22
21	---	153	165	176	---	197	---	210	---	---	217	218	220	21
20	140	---	---	---	187	---	204	209	213	215	216	---	---	20
19	---	---	---	175	---	196	203	---	212	214	---	217	219	19
18	---	152	164	---	186	195	---	208	---	---	215	216	218	18
17	139	---	---	174	---	---	202	---	211	213	214	---	---	17
16	---	151	163	---	185	194	---	207	210	212	---	215	217	16
15	---	---	---	173	184	193	201	206	---	---	213	214	216	15
14	---	150	162	---	---	---	200	205	209	211	212	---	215	14
13	138	---	161	172	183	192	199	---	208	210	---	213	214	13
12	---	149	---	171	182	191	---	204	207	209	211	212	213	12
11	---	---	160	---	181	190	198	203	206	---	210	211	---	11
10	137	148	159	170	---	---	197	202	205	208	209	210	212	10
9	---	---	---	169	180	189	196	201	204	206-207	208	209	210-211	9
8	136	147	158	168	179	188	195	200	203	205	207	208	209	8
7	---	146	157	167	178	187	194	199	202	204	205-206	206-207	208	7
6	135	145	156	166	177	186	193	198	201	203	204	205	206-207	6
5	---	---	155	165	176	184-185	191-192	196-197	199-200	201-202	202-203	204	205	5
4	134	143-144	154	164	174-175	183	190	195	198	200	201	202-203	203-204	4
3	133	142	152-153	162-163	172-173	181-182	188-189	193-194	196-197	198-199	199-200	200-201	201-202	3
2	132	141	150-151	160-161	169-171	178-180	185-187	190-192	193-195	195-197	196-198	197-199	199-200	2
1	1-131	1-140	1-149	1-159	1-168	1-177	1-184	1-189	1-192	1-194	1-195	1-196	1-198	1

**Table 24: Universal Scale Score to Grade Percentile Rank—Composite (VQ): Spring Norms
(March 1st through July)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	188+	209+	225+	239+	252+	262+	270+	276+	280+	282+	284+	287+	288+	99
98	183-187	204-208	219-224	233-238	246-251	256-261	264-269	270-275	273-279	276-281	278-283	281-286	283-287	98
97	180-182	200-203	215-218	229-232	242-245	252-255	260-263	266-269	269-272	271-275	274-277	277-280	279-282	97
96	178-179	198-199	212-214	226-228	239-241	249-251	257-259	262-265	266-268	268-270	270-273	274-276	276-278	96
95	176-177	196-197	210-211	224-225	236-238	246-248	254-256	260-261	263-265	265-267	268-269	271-273	274-275	95
94	174-175	194-195	208-209	222-223	234-235	244-245	252-253	257-259	261-262	263-264	266-267	269-270	272-273	94
93	173	192-193	207	220-221	233	243	250-251	256	259-260	261-262	264-265	267-268	270-271	93
92	171-172	191	205-206	219	231-232	241-242	249	254-255	258	260	262-263	266	268-269	92
91	170	190	204	217-218	230	239-240	247-248	253	256-257	258-259	261	264-265	267	91
90	169	189	203	216	228-229	238	246	251-252	255	257	259-260	263	266	90
89	168	188	202	215	227	237	245	250	254	256	258	262	264-265	89
88	167	187	201	214	226	236	243-244	249	252-253	255	257	260-261	263	88
87	166	186	200	213	225	235	242	248	251	254	256	259	262	87
86	---	185	199	212	224	234	241	247	250	253	255	258	261	86
85	165	184	198	211	223	233	240	246	249	252	254	257	260	85
84	---	183	197	210	222	232	239	245	248	251	253	256	259	84
83	164	182	196	209	221	231	---	244	---	250	252	255	258	83
82	163	---	195	208	220	230	238	243	247	249	251	254	257	82
81	---	181	---	---	---	229	237	---	246	248	250	253	---	81
80	162	180	194	207	219	---	236	242	245	247	---	---	256	80
79	---	---	193	206	218	228	---	241	---	---	249	252	255	79
78	---	179	---	205	---	227	235	240	244	246	248	251	---	78
77	161	---	192	---	217	---	234	---	243	245	247	250	254	77
76	---	178	191	204	216	226	---	239	242	---	---	---	---	76
75	160	177	---	---	---	225	233	238	---	244	246	249	253	75
74	---	---	190	203	215	---	232	---	241	243	245	248	---	74
73	159	176	---	202	---	224	---	237	240	---	---	247	252	73
72	---	---	189	---	214	---	231	---	---	242	244	---	251	72
71	158	175	---	201	213	223	---	236	239	241	243	246	250	71
70	---	---	188	---	---	---	230	235	---	---	---	245	---	70
69	---	174	---	200	212	222	---	---	238	240	242	---	249	69
68	157	---	187	---	---	221	229	234	---	---	---	244	248	68
67	---	173	---	199	211	---	228	---	237	239	241	243	247	67
66	---	---	186	---	---	220	---	233	---	---	---	---	---	66
65	156	172	---	198	210	---	227	---	236	238	240	242	246	65
64	---	---	185	---	---	219	---	232	235	---	239	---	245	64
63	155	---	---	197	209	---	226	---	---	237	---	241	---	63
62	---	171	184	---	---	218	---	231	234	236	238	240	244	62
61	---	---	---	196	208	---	225	---	---	---	---	---	243	61
60	154	170	183	---	---	---	---	230	233	235	237	239	---	60
59	---	---	---	195	207	217	224	---	---	---	---	---	242	59
58	---	169	---	---	---	---	---	229	232	234	236	238	---	58
57	153	---	182	194	206	216	---	---	---	---	---	---	241	57
56	---	---	---	---	---	---	223	228	231	233	235	237	---	56
55	---	168	181	---	---	215	---	---	---	---	---	---	240	55
54	---	---	---	193	205	---	222	227	230	232	234	236	239	54
53	152	167	180	---	---	---	---	---	---	---	---	---	---	53
52	---	---	---	192	204	214	221	226	229	231	233	235	238	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	151	166	179	191	203	213	220	225	228	230	232	234	237	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	202	212	219	224	227	229	231	233	236	48
47	---	165	178	190	---	---	---	---	---	---	---	---	235	47
46	150	---	---	---	---	211	218	223	---	---	230	232	---	46
45	---	---	177	---	201	---	---	---	226	228	---	---	234	45
44	---	164	---	189	---	210	---	---	---	---	229	231	---	44
43	---	---	---	---	200	---	217	222	225	227	---	---	233	43
42	149	---	176	188	---	---	---	---	---	---	228	230	---	42
41	---	163	---	---	---	209	216	221	224	226	---	---	232	41
40	---	---	---	---	199	---	---	---	---	---	227	229	231	40
39	---	---	175	187	---	208	215	220	223	225	---	228	---	39
38	148	162	---	---	198	---	---	---	---	---	226	---	230	38
37	---	---	174	---	---	207	214	219	---	224	---	227	---	37
36	---	---	---	186	---	---	---	---	222	---	225	---	229	36
35	---	161	---	---	197	206	213	218	---	223	---	226	---	35
34	147	---	173	185	---	---	---	---	221	---	224	---	228	34
33	---	---	---	---	196	205	212	217	---	222	---	225	---	33
32	---	160	172	184	---	---	---	---	220	---	223	---	227	32
31	---	---	---	---	195	204	211	216	---	221	---	224	---	31
30	146	---	---	---	---	---	---	---	219	---	222	---	226	30
29	---	159	171	183	194	203	210	215	---	220	---	223	225	29
28	---	---	---	---	---	---	---	---	218	---	221	---	---	28
27	145	---	170	182	193	202	209	214	217	219	---	222	224	27
26	---	158	---	---	---	---	---	---	---	---	220	---	---	26
25	---	---	---	181	192	201	208	213	216	218	---	221	223	25
24	---	---	169	---	---	---	---	---	---	---	219	---	---	24
23	144	157	---	180	191	200	207	212	215	217	---	220	222	23
22	---	---	168	---	---	---	---	---	---	---	218	219	221	22
21	---	156	---	179	190	199	206	211	214	216	217	---	---	21
20	143	---	167	---	---	---	---	210	---	215	---	218	220	20
19	---	---	---	178	189	198	205	---	213	---	216	---	219	19
18	---	155	166	---	---	197	204	209	212	214	---	217	---	18
17	142	---	---	177	188	---	---	---	---	213	215	216	218	17
16	---	154	165	---	187	196	203	208	211	---	214	215	217	16
15	---	---	---	176	---	195	202	207	210	212	213	---	---	15
14	141	153	164	175	186	---	---	206	---	211	---	214	216	14
13	---	---	---	---	185	194	201	---	209	---	212	213	215	13
12	---	152	163	174	---	193	200	205	208	210	211	212	214	12
11	140	---	162	173	184	192	199	204	207	209	210	211	213	11
10	---	151	---	---	183	---	198	203	206	208	209	210	212	10
9	139	150	161	172	182	191	197	202	205	207	208	209	211	9
8	---	---	160	171	181	190	196	201	204	206	207	208	210	8
7	138	149	159	170	180	189	195	200	203	204-205	205-206	207	208-209	7
6	---	148	158	169	179	188	194	199	201-202	203	204	205-206	207	6
5	137	147	157	168	178	186-187	193	197-198	200	202	203	204	205-206	5
4	136	146	156	166-167	176-177	185	191-192	196	198-199	200-201	201-202	202-203	204	4
3	135	145	154-155	165	174-175	183-184	189-190	193-195	196-197	198-199	199-200	200-201	202-203	3
2	134	143-144	152-153	162-164	172-173	180-182	186-188	191-192	194-195	195-197	197-198	198-199	199-201	2
1	1-133	1-142	1-151	1-161	1-171	1-179	1-185	1-190	1-193	1-194	1-196	1-197	1-198	1

Table 25: Universal Scale Score to Standard Age Score—Composite (VN)

Universal Scale Score to Standard Age Score: Composite (VN)
 (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	198+	202+	206+	210+	215+	219+	224+	228+	233+	238+	243+	249+	253+	160
159	197	201	205	---	214	218	223	---	232	237	---	248	---	159
158	196	200	204	209	213	---	222	227	---	---	242	247	252	158
157	195	199	---	208	212	217	---	226	231	236	---	---	---	157
156	---	---	203	207	---	216	221	---	---	---	241	246	251	156
155	194	198	202	206	211	215	220	225	230	235	240	245	250	155
154	193	197	201	---	210	---	---	224	229	234	---	---	249	154
153	192	196	200	205	209	214	219	---	228	---	239	244	---	153
152	191	195	199	204	---	213	218	223	---	233	238	243	248	152
151	---	194	198	203	208	212	217	222	227	232	237	242	247	151
150	190	193	197	202	207	211	216	221	226	231	236	241	246	150
149	188-189	192	196	201	206	210	215	220	225	230	235	240	245	149
148	187	191	195	200	205	209	214	219	224	229	234	239	244	148
147	186	189-190	193-194	198-199	204	208	213	218	223	228	233	238	242-243	147
146	185	188	192	197	202-203	207	212	216-217	221-222	226-227	232	237	241	146
145	183-184	187	191	196	201	206	210-211	215	220	225	230-231	235-236	240	145
144	182	186	190	195	200	205	209	214	219	224	229	234	238-239	144
143	181	185	189	194	199	203-204	208	213	217-218	222-223	227-228	232-233	236-237	143
142	180	183-184	187-188	192-193	198	202	207	211-212	216	221	226	230-231	235	142
141	178-179	182	186	191	196-197	201	205-206	210	215	219-220	224-225	229	233-234	141
140	177	181	185	190	195	200	204	209	213-214	218	223	227-228	231-232	140
139	176	180	184	189	194	198-199	203	207-208	212	217	221-222	226	230	139
138	---	179	183	188	193	197	201-202	206	210-211	215-216	220	224-225	229	138
137	175	---	182	187	192	196	200	205	209	214	218-219	223	227-228	137
136	174	178	181	186	191	195	199	203-204	208	212-213	217	222	226	136
135	173	177	180	185	189-190	193-194	197-198	202	206-207	211	216	220-221	224-225	135
134	172	176	179	183-184	188	192	196	200-201	205	209-210	214-215	219	223	134
133	171	175	178	182	187	191	195	199	204	208	213	217-218	222	133
132	170	174	177	181	186	190	194	198	202-203	207	211-212	216	220-221	132
131	169	172-173	176	180	184-185	188-189	192-193	196-197	201	205-206	210	214-215	219	131
130	168	171	174-175	179	183	187	191	195	199-200	204	209	213	217-218	130
129	167	170	173	178	182	186	190	194	198	203	207-208	212	216	129
128	166	169	172	176-177	180-181	184-185	188-189	192-193	197	201-202	206	210-211	214-215	128
127	164-165	167-168	171	175	179	183	187	191	195-196	200	204-205	209	213	127
126	163	166	170	174	178	182	186	190	194	198-199	203	207-208	212	126
125	162	165	169	173	176-177	180-181	184-185	189	193	197	202	206	210-211	125
124	160-161	164	168	172	175	179	183	187-188	192	196	201	205	209	124
123	159	162-163	166-167	170-171	174	178	182	186	191	195	200	204	208	123
122	158	161	165	169	173	177	181	185	190	194	198-199	203	207	122
121	157	160	164	168	172	176	180	184	188-189	193	197	202	206	121
120	155-156	159	163	167	171	175	179	183	187	192	196	200-201	204-205	120
119	154	158	162	165-166	169-170	174	178	182	186	191	195	199	203	119
118	153	157	160-161	164	168	172-173	177	181	185	189-190	194	198	202	118
117	152	156	159	163	167	171	175-176	180	184	188	193	197	201	117
116	151	154-155	158	162	166	170	174	179	183	187	192	196	200	116
115	150	153	157	161	165	169	173	177-178	182	186	190-191	195	198-199	115
114	148-149	152	156	160	164	168	172	176	181	185	189	193-194	197	114
113	147	151	155	159	163	167	171	175	179-180	184	188	192	196	113
112	146	150	154	158	162	166	170	174	178	182-183	187	191	195	112
111	145	149	153	156-157	160-161	165	169	173	177	181	186	190	193-194	111
110	144	148	151-152	155	159	163-164	168	172	176	180	184-185	188-189	192	110
109	143	147	---	154	158	162	166-167	171	175	179	183	187	191	109
108	142	146	150	153	157	161	165	169-170	174	178	182	186	190	108
107	141	145	149	152	156	160	164	168	172-173	177	181	185	189	107
106	---	144	148	151	155	159	163	167	171	175-176	180	184	187-188	106

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
105	140	143	147	---	154	158	162	166	170	174	178-179	183	186	105
104	139	142	146	150	---	157	161	165	169	173	177	181-182	185	104
103	138	---	145	149	153	156	160	164	168	172	176	180	184	103
102	---	141	---	148	152	155	159	163	167	171	175	179	182-183	102
101	137	140	144	147	151	154	158	162	166	170	174	178	181	101
100	136	139	143	146	150	153	157	161	165	169	173	177	180	100
99	---	---	---	---	149	152	156	160	164	168	172	176	179	99
98	135	138	142	145	148	---	155	159	163	167	171	174-175	178	98
97	---	---	141	144	---	151	154	158	162	166	169-170	173	177	97
96	---	137	---	---	147	150	---	157	161	164-165	168	172	175-176	96
95	134	---	140	143	146	149	153	156	160	163	167	171	174	95
94	---	136	139	142	145	148	152	155	159	162	166	170	173	94
93	133	---	---	---	---	---	151	154	158	161	165	169	172	93
92	---	135	138	141	144	147	150	153	157	160	164	168	171	92
91	132	---	137	140	143	146	149	152	156	159	163	166-167	170	91
90	---	134	---	139	142	145	148	151	155	158	162	165	169	90
89	131	---	136	---	---	144	147	---	154	157	161	164	168	89
88	---	133	---	138	141	---	---	150	153	156	160	163	167	88
87	---	---	135	---	140	143	146	149	152	155	159	162	166	87
86	130	132	---	137	---	142	145	148	151	---	158	161	165	86
85	---	---	134	---	139	---	144	147	150	154	157	160	164	85
84	---	---	---	136	---	141	---	---	---	153	156	159	163	84
83	---	131	133	---	138	140	143	146	149	152	155	158	162	83
82	129	---	---	135	137	---	142	145	148	151	154	157	161	82
81	---	---	---	---	---	139	---	144	147	150	153	156	160	81
80	---	130	132	134	136	138	141	143	146	149	152	---	159	80
79	128	---	---	---	---	---	140	---	145	148	151	155	158	79
78	---	---	131	133	135	137	---	142	---	---	---	154	157	78
77	---	129	---	---	---	---	139	141	144	147	150	153	156	77
76	127	---	130	132	134	136	138	---	143	146	149	152	155	76
75	---	128	---	---	133	135	---	140	142	145	148	151	154	75
74	---	---	---	131	---	---	137	139	---	144	147	150	153	74
73	126	---	129	---	132	134	136	138	141	143	146	149	152	73
72	---	127	---	130	---	---	---	---	140	---	145	148	151	72
71	---	---	128	---	131	133	135	137	139	142	---	147	150	71
70	---	---	---	129	---	---	134	136	---	141	144	---	149	70
69	---	---	---	---	---	132	---	---	138	140	143	146	148	69
68	125	---	---	---	130	---	---	---	---	---	142	145	---	68
67	---	126	127	---	---	---	133	135	137	139	---	144	147	67
66	---	---	---	---	---	131	---	---	---	---	141	143	146	66
65	---	---	---	128	129	---	132	134	136	138	140	---	145	65
64	124	125	126	---	---	130	---	133	135	137	---	142	144	64
63	---	---	---	127	128	---	131	---	---	---	139	141	---	63
62	123	124	125	126	---	129	---	132	134	136	138	---	143	62
61	---	---	---	---	127	128	130	---	---	---	---	140	142	61
60	122	123	124	125	---	---	129	131	133	135	137	139	---	60
59	---	---	---	---	126	127	---	---	132	134	---	---	141	59
58	121	122	123	124	---	---	128	130	---	---	136	138	---	58
57	---	---	---	---	125	126	---	---	131	133	---	---	140	57
56	120	121	122	123	---	---	127	129	---	---	135	137	---	56
55	---	---	---	---	124	125	---	---	130	132	134	---	139	55
54	119	120	121	122	---	---	126	128	---	---	---	136	138	54
53	---	---	---	---	123	124	---	127	129	131	133	135	---	53
52	118	119	120	121	122	---	125	---	128	130	132	---	137	52
51	---	---	---	---	---	123	---	126	---	---	---	134	136	51
50	1-117	1-118	1-119	1-120	1-121	1-122	1-124	1-125	1-127	1-129	1-131	1-133	1-135	50

Universal Scale Score to Standard Age Score: Composite (VN)
(ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	258+	262+	265+	269+	272+	274+	276+	278+	280+	281+	283+	284+	285+	160
159	257	261	---	268	271	---	---	---	279	---	282	283	---	159
158	---	---	264	267	270	273	275	277	---	280	---	---	284	158
157	256	260	---	---	---	272	---	---	278	---	281	282	---	157
156	255	259	263	266	269	---	274	276	---	279	---	---	283	156
155	---	---	262	---	---	271	273	275	277	---	280	281	---	155
154	254	258	---	265	268	---	---	---	276	278	279	280	282	154
153	253	257	261	---	---	270	272	274	---	277	278	---	281	153
152	252	---	---	264	267	269	271	273	275	276	---	279	280	152
151	251	256	260	---	266	---	---	---	274	275	277	278	279	151
150	250	255	259	263	265	268	270	271-272	273	274	276	277	278	150
149	249	254	257-258	261-262	264	266-267	268-269	270	271-272	273	274-275	275-276	276-277	149
148	248	252-253	256	259-260	262-263	264-265	266-267	268-269	270	271-272	272-273	274	275	148
147	247	251	254-255	258	260-261	263	265	266-267	268-269	269-270	271	272-273	273-274	147
146	245-246	249-250	253	256-257	258-259	261-262	263-264	265	266-267	268	269-270	270-271	272	146
145	244	248	251-252	254-255	257	259-260	261-262	263-264	265	266-267	267-268	269	270-271	145
144	242-243	246-247	249-250	252-253	255-256	257-258	259-260	261-262	262-264	264-265	265-266	267-268	268-269	144
143	240-241	244-245	247-248	250-251	253-254	255-256	257-258	259-260	260-261	262-263	263-264	265-266	266-267	143
142	239	242-243	245-246	248-249	251-252	253-254	255-256	257-258	258-259	260-261	261-262	263-264	264-265	142
141	237-238	240-241	243-244	246-247	249-250	251-252	253-254	255-256	256-257	258-259	259-260	261-262	262-263	141
140	235-236	239	242	244-245	247-248	249-250	251-252	253-254	255	256-257	257-258	259-260	260-261	140
139	234	237-238	240-241	243	246	248	250	252	253-254	255	256	258	259	139
138	232-233	236	239	242	244-245	247	249	250-251	252	253-254	255	256-257	258	138
137	231	234-235	238	240-241	243	245-246	247-248	249	251	252	254	255	256-257	137
136	230	233	236-237	239	242	244	246	248	249-250	251	252-253	254	255	136
135	228-229	232	235	238	240-241	243	245	247	248	250	251	252-253	254	135
134	227	230-231	233-234	236-237	239	241-242	243-244	245-246	247	248-249	250	251	252-253	134
133	225-226	229	232	235	237-238	240	242	244	245-246	247	248-249	250	251	133
132	224	227-228	231	233-234	236	238-239	240-241	242-243	244	245-246	247	248-249	250	132
131	222-223	226	229-230	232	235	237	239	241	242-243	244	245-246	247	248-249	131
130	221	224-225	228	231	233-234	235-236	238	239-240	241	243	244	246	247	130
129	220	223	226-227	229-230	232	234	236-237	238	240	241-242	243	244-245	246	129
128	218-219	222	225	228	230-231	233	235	237	238-239	240	241-242	243	244-245	128
127	217	220-221	223-224	226-227	229	231-232	233-234	235-236	237	239	240	242	243	127
126	215-216	219	222	225	227-228	230	232	234	236	237-238	239	240-241	242	126
125	214	217-218	221	223-224	226	228-229	231	233	234-235	236	237-238	239	240-241	125
124	213	216	219-220	222	225	227	229-230	231-232	233	235	236	238	239	124
123	212	215	218	221	224	226	228	230	232	233-234	235	236-237	238	123
122	210-211	214	217	220	222-223	225	227	229	230-231	232	233-234	235	236-237	122
121	209	213	216	218-219	221	223-224	225-226	227-228	229	231	232	234	235	121
120	208	211-212	214-215	217	220	222	224	226	228	229-230	231	232-233	234	120
119	207	210	213	216	218-219	221	223	225	226-227	228	230	231	233	119
118	206	209	212	215	217	220	222	224	225	227	228-229	230	231-232	118
117	204-205	208	211	213-214	216	218-219	220-221	222-223	224	226	227	229	230	117
116	203	206-207	209-210	212	215	217	219	221	223	224-225	226	227-228	229	116
115	202	205	208	211	214	216	218	220	222	223	225	226	228	115
114	201	204	207	210	212-213	215	217	219	220-221	222	224	225	227	114
113	199-200	203	206	208-209	211	213-214	215-216	217-218	219	221	222-223	224	225-226	113
112	198	201-202	204-205	207	210	212	214	216	218	220	221	223	224	112
111	197	200	203	206	209	211	213	215	217	218-219	220	221-222	223	111
110	196	199	202	205	207-208	210	212	214	216	217	219	220	222	110
109	195	198	201	204	206	208-209	211	213	214-215	216	218	219	221	109
108	193-194	197	200	202-203	205	207	210	212	213	215	217	218	220	108
107	192	195-196	198-199	201	204	206	208-209	210-211	212	214	216	217	219	107
106	191	194	197	200	203	205	207	209	211	213	214-215	216	218	106

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	190	193	196	199	202	204	206	208	210	212	213	215	216-217	105
104	189	192	195	198	200-201	203	205	207	209	211	212	214	215	104
103	187-188	191	194	196-197	199	201-202	204	206	208	209-210	211	213	214	103
102	186	189-190	192-193	195	198	200	202-203	204-205	206-207	208	210	211-212	213	102
101	185	188	191	194	197	199	201	203	205	207	209	210	212	101
100	184	187	190	193	196	198	200	202	204	206	208	209	211	100
99	183	186	189	192	195	197	199	201	203	205	207	208	210	99
98	181-182	185	188	190-191	193-194	196	198	200	202	204	206	207	209	98
97	180	183-184	186-187	189	192	194-195	197	199	201	203	205	206	208	97
96	179	182	185	188	191	193	196	198	200	202	203-204	205	207	96
95	178	181	184	187	190	192	194-195	197	199	200-201	202	204	206	95
94	177	180	183	186	189	191	193	196	198	199	201	203	205	94
93	176	179	182	185	187-188	190	192	194-195	196-197	198	200	202	204	93
92	174-175	178	181	184	186	189	191	193	195	197	199	201	203	92
91	173	177	180	182-183	185	188	190	192	194	196	198	200	201-202	91
90	172	175-176	178-179	181	184	187	189	191	193	195	197	199	200	90
89	171	174	177	180	183	185-186	188	190	192	194	196	198	199	89
88	170	173	176	179	182	184	187	189	191	193	195	196-197	198	88
87	169	172	175	178	181	183	186	188	190	192	194	195	197	87
86	168	171	174	177	180	182	184-185	187	189	191	192-193	194	196	86
85	167	170	173	176	178-179	181	183	185-186	187-188	189-190	191	193	195	85
84	166	169	172	175	177	180	182	184	186	188	190	192	194	84
83	165	168	171	174	176	179	181	183	185	187	189	191	192-193	83
82	164	167	170	172-173	175	178	180	182	184	186	188	190	191	82
81	163	166	169	171	174	176-177	179	181	183	185	187	188-189	190	81
80	162	165	168	170	173	175	178	180	182	184	186	187	189	80
79	161	164	167	169	172	174	177	179	181	183	185	186	188	79
78	160	163	166	168	171	173	176	178	180	182	184	185	187	78
77	159	162	165	167	170	172	175	177	179	181	182-183	184	186	77
76	158	161	164	166	169	171	174	176	178	180	181	183	185	76
75	157	160	163	165	168	170	172-173	175	177	179	180	182	184	75
74	156	159	162	164	167	169	171	174	176	178	179	181	183	74
73	155	158	161	163	166	168	170	173	175	177	178	180	182	73
72	154	157	160	162	165	167	169	172	174	176	177	179	181	72
71	153	156	159	161	164	166	168	171	173	175	176	178	180	71
70	152	155	158	160	163	165	167	169-170	171-172	173-174	175	177	179	70
69	151	154	156-157	159	161-162	164	166	168	170	172	174	176	178	69
68	150	153	155	158	160	163	165	167	169	171	173	175	176-177	68
67	149	152	154	157	159	161-162	164	166	168	170	171-172	173-174	175	67
66	148	151	153	156	158	160	162-163	164-165	166-167	168-169	170	172	174	66
65	147	150	152	155	157	159	161	163	165	167	169	171	173	65
64	---	149	---	154	156	---	---	---	---	---	168	170	172	64
63	146	---	151	153	---	158	160	162	164	166	---	---	171	63
62	145	148	150	---	155	157	159	161	163	165	167	169	---	62
61	---	147	---	152	154	156	---	---	---	164	166	168	170	61
60	144	---	149	151	---	---	158	160	162	---	---	167	169	60
59	---	146	148	---	153	155	157	159	161	163	165	---	168	59
58	143	145	---	150	152	154	---	---	---	162	164	166	---	58
57	142	---	147	149	---	---	156	158	160	---	163	165	167	57
56	---	144	---	---	151	153	155	157	159	161	---	---	166	56
55	141	---	146	148	150	152	---	---	158	160	162	164	165	55
54	---	143	145	147	---	---	154	156	---	159	161	163	---	54
53	140	142	144	---	149	151	153	155	157	158	160	162	164	53
52	139	141	---	146	148	150	152	154	156	---	159	161	163	52
51	138	---	143	145	147	149	151	153	155	157	158	160	162	51
50	1-137	1-140	1-142	1-144	1-146	1-148	1-150	1-152	1-154	1-156	1-157	1-159	1-161	50

Universal Scale Score to Standard Age Score: Composite (VN)
(ages 11-6 through 14-6; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	286+	287+	288+	289+	290+	291+	292+	293+	294+	295+	295+	296+	297+	160
159	---	---	---	---	---	---	---	---	293	294	---	---	296	159
158	285	286	---	---	289	290	291	292	---	---	294	295	---	158
157	---	---	287	288	---	---	---	---	---	293	---	---	---	157
156	284	---	---	---	---	---	290	291	292	---	---	294	295	156
155	---	285	286	287	288	289	---	---	---	292	293	---	---	155
154	283	284	285	286	287	288	289	290	291	---	292	293	294	154
153	282	283	284	285	286	287	288	289	290	291	---	292	293	153
152	281	282	283	284	285	286	287	288	289	290	291	---	---	152
151	280	281	---	---	---	---	---	---	288	289	290	291	292	151
150	279	280	281-282	282-283	283-284	284-285	285-286	286-287	287	288	289	290	291	150
149	278	279	280	281	282	283	284	285	286	287	288	288-289	289-290	149
148	276-277	277-278	278-279	279-280	280-281	281-282	282-283	283-284	284-285	285-286	286-287	287	288	148
147	274-275	276	277	278	279	280	281	282	283	284	284-285	285-286	286-287	147
146	273	274-275	275-276	276-277	277-278	278-279	279-280	280-281	281-282	282-283	283	284	284-285	146
145	271-272	272-273	273-274	274-275	276	277	278	279	279-280	280-281	281-282	282-283	283	145
144	269-270	270-271	271-272	273	274-275	275-276	276-277	277-278	278	279	280	281	281-282	144
143	267-268	268-269	270	271-272	272-273	273-274	274-275	275-276	276-277	277-278	278-279	279-280	280	143
142	265-266	266-267	268-269	269-270	270-271	271-272	272-273	274	275	276	277	278	279	142
141	263-264	265	266-267	267-268	268-269	270	271	272-273	273-274	274-275	275-276	276-277	277-278	141
140	262	263-264	264-265	265-266	267	268-269	269-270	270-271	271-272	273	274	275	276	140
139	260-261	262	263	264	265-266	267	268	269	270	271-272	272-273	273-274	274-275	139
138	259	260-261	262	263	264	265-266	266-267	268	269	270	271	272	273	138
137	258	259	260-261	261-262	263	264	265	266-267	267-268	268-269	269-270	270-271	271-272	137
136	256-257	258	259	260	261-262	262-263	264	265	266	267	268	269	270	136
135	255	256-257	257-258	259	260	261	262-263	263-264	264-265	265-266	266-267	267-268	268-269	135
134	254	255	256	257-258	259	260	261	262	263	264	265	266	267	134
133	252-253	254	255	256	257-258	258-259	260	261	262	263	264	265	266	133
132	251	252-253	253-254	255	256	257	258-259	259-260	260-261	261-262	262-263	263-264	264-265	132
131	250	251	252	253-254	255	256	257	258	259	260	261	262	263	131
130	248-249	250	251	252	253-254	254-255	256	257	258	259	260	261	262	130
129	247	248-249	250	251	252	253	254-255	256	257	258	259	260	260-261	129
128	246	247	248-249	250	251	252	253	254-255	255-256	256-257	257-258	258-259	259	128
127	244-245	246	247	248-249	250	251	252	253	254	255	256	257	258	127
126	243	244-245	246	247	248-249	249-250	251	252	253	254	255	256	257	126
125	242	243	244-245	246	247	248	249-250	250-251	252	253	254	254-255	255-256	125
124	240-241	242	243	244-245	246	247	248	249	250-251	251-252	252-253	253	254	124
123	239	240-241	242	243	244-245	246	247	248	249	250	251	252	253	123
122	238	239	240-241	242	243	244-245	245-246	247	248	249	250	251	252	122
121	236-237	238	239	240-241	242	243	244	245-246	246-247	247-248	248-249	249-250	250-251	121
120	235	237	238	239	240-241	242	243	244	245	246	247	248	249	120
119	234	235-236	237	238	239	241	242	243	244	245	246	247	248	119
118	233	234	236	237	238	239-240	241	242	243	244	245	246	247	118
117	232	233	234-235	236	237	238	239-240	240-241	242	243	244	245	245-246	117
116	230-231	232	233	234-235	236	237	238	239	240-241	241-242	242-243	243-244	244	116
115	229	231	232	233	235	236	237	238	239	240	241	242	243	115
114	228	229-230	231	232	233-234	235	236	237	238	239	240	241	242	114
113	227	228	230	231	232	233-234	235	236	237	238	239	240	241	113
112	226	227	228-229	230	231	232	233-234	235	236	237	238	238-239	239-240	112
111	224-225	226	227	229	230	231	232	233-234	234-235	235-236	236-237	237	238	111
110	223	225	226	227-228	229	230	231	232	233	234	235	236	237	110
109	222	224	225	226	228	229	230	231	232	233	234	235	236	109
108	221	223	224	225	227	228	229	230	231	232	233	234	235	108
107	220	222	223	224	225-226	227	228	229	230	231	232	233	233-234	107
106	219	220-221	222	223	224	226	227	228	229	230	231	232	232	106

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
105	218	219	221	222	223	225	226	227	228	229	230	230-231	231	105
104	217	218	220	221	222	223-224	224-225	226	227	228	228-229	229	230	104
103	216	217	218-219	220	221	222	223	224-225	225-226	226-227	227	228	229	103
102	215	216	217	219	220	221	222	223	224	225	226	227	228	102
101	214	215	216	218	219	220	221	222	223	224	225	226	227	101
100	213	214	215	217	218	219	220	221	222	223	224	225	226	100
99	212	213	214	216	217	218	219	220	221	222	223	224	225	99
98	211	212	213	215	216	217	218	219	220	221	222	223	224	98
97	209-210	211	212	214	215	216	217	218	219	220	221	222	223	97
96	208	210	211	213	214	215	216	217	218	219	220	221	221-222	96
95	207	209	210	211-212	213	214	215	216	217	218	219	220	220	95
94	206	208	209	210	212	213	214	215	216	217	218	219	219	94
93	205	207	208	209	211	212	213	214	215	216	217	218	218	93
92	204	206	207	208	210	211	212	213	214	215	216	216-217	217	92
91	203	205	206	207	209	210	211	212	213	214	215	215	216	91
90	202	203-204	205	206	208	209	210	211	212	213	214	214	215	90
89	201	202	204	205	206-207	208	209	210	211	212	213	213	214	89
88	200	201	203	204	205	207	208	209	210	211	211-212	212	213	88
87	199	200	202	203	204	205-206	207	208	209	210	210	211	212	87
86	197-198	199	200-201	202	203	204	206	207	208	209	209	210	211	86
85	196	198	199	201	202	203	204-205	206	207	207-208	208	209	210	85
84	195	197	198	200	201	202	203	204-205	205-206	206	207	208	209	84
83	194	196	197	198-199	200	201	202	203	204	205	206	207	208	83
82	193	194-195	196	197	199	200	201	202	203	204	205	206	207	82
81	192	193	195	196	198	199	200	201	202	203	204	205	205-206	81
80	191	192	194	195	196-197	198	199	200	201	202	203	204	204	80
79	190	191	193	194	195	197	198	199	200	201	202	203	203	79
78	189	190	192	193	194	196	197	198	199	200	201	202	202	78
77	188	189	191	192	193	195	196	197	198	199	200	201	201	77
76	187	188	190	191	192	194	195	196	197	198	199	200	---	76
75	186	187	189	190	191	193	194	195	196	197	198	199	200	75
74	185	186	188	189	190	192	193	194	195	196	197	198	199	74
73	184	185	187	188	189	191	192	193	194	195	196	197	198	73
72	183	184	186	187	188	190	191	192	193	194	195	196	197	72
71	182	183	185	186	187	189	190	191	192	193	194	195	196	71
70	180-181	182	184	185	186	188	189	190	191	192	193	194	195	70
69	179	181	182-183	184	185	187	188	189	190	191	192	193	194	69
68	178	180	181	183	184	186	187	188	189	190	191	192	193	68
67	177	178-179	180	182	183	185	186	187	188	---	---	191	192	67
66	176	177	179	181	182	184	185	186	187	189	190	---	---	66
65	175	176	178	180	181	183	184	185	---	188	189	190	191	65
64	174	---	177	179	180	182	183	---	186	187	188	189	190	64
63	173	175	176	178	---	181	182	184	185	186	187	188	189	63
62	172	174	---	177	179	180	---	183	184	185	186	187	188	62
61	---	173	175	---	178	---	181	182	183	---	---	---	---	61
60	171	---	174	176	177	179	180	181	---	184	185	186	187	60
59	170	172	173	175	---	178	179	---	---	182	183	184	185	59
58	169	171	---	174	176	177	---	180	181	182	183	184	185	58
57	---	170	172	173	175	176	178	179	180	181	182	183	184	57
56	168	---	171	---	174	---	177	178	179	---	---	---	183	56
55	167	169	170	172	173	175	176	177	---	180	181	182	182	55
54	166	168	169	171	172	174	175	176	178	179	180	181	181	54
53	165	167	168	170	171	173	174	175	176-177	178	179	179-180	180	53
52	164	166	167	169	170	172	173	174	175	177	178	178	179	52
51	163	165	166	168	169	171	172	173	174	175-176	176-177	177	178	51
50	1-162	1-164	1-165	1-167	1-168	1-170	1-171	1-172	1-173	1-174	1-175	1-176	1-177	50

Universal Scale Score to Standard Age Score: Composite (VN)
(ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	297+	298+	299+	300+	300+	301+	302+	303+	304+	305+	306+	307+	308+	310+	160
159	---	---	298	299	---	---	301	302	303	304	305	---	---	309	159
158	---	297	---	---	299	300	---	---	---	---	---	306	307	---	158
157	296	---	---	298	---	---	300	301	302	303	304	---	---	308	157
156	---	---	297	---	---	299	---	---	---	---	---	305	306	---	156
155	295	296	---	297	298	---	---	300	301	302	303	---	---	307	155
154	---	295	296	---	297	298	299	---	---	---	---	304	305	---	154
153	294	---	295	296	---	---	298	299	300	301	302	303	---	306	153
152	293	294	---	---	296	297	---	---	---	---	---	---	304	305	152
151	---	293	294	295	---	296	297	298	299	300	301	302	---	---	151
150	292	292	293	294	295	295	296	297	298	299	300	301	302-303	304	150
149	290-291	291	291-292	292-293	293-294	294	294-295	295-296	296-297	297-298	298-299	299-300	301	302-303	149
148	288-289	289-290	290	291	291-292	292-293	293	294	295	296	297	298	299-300	300-301	148
147	287	288	288-289	289-290	290	290-291	291-292	292-293	293-294	294-295	295-296	296-297	297-298	298-299	147
146	285-286	286-287	287	287-288	288-289	289	290	290-291	291-292	292-293	293-294	294-295	296	297	146
145	284	284-285	285-286	286	287	287-288	288-289	289	290	291	292	293	294-295	295-296	145
144	282-283	283	284	285	285-286	286	287	288	288-289	289-290	290-291	291-292	293	294	144
143	281	282	282-283	283-284	284	285	285-286	286-287	287	288	289	290	291-292	292-293	143
142	279-280	280-281	281	282	283	283-284	284	285	286	287	288	289	290	291	142
141	278	279	280	280-281	281-282	282	283	283-284	284-285	285-286	286-287	287-288	288-289	289-290	141
140	277	277-278	278-279	279	280	280-281	281-282	282	283	284	285	286	287	288	140
139	275-276	276	277	278	278-279	279	280	281	281-282	282-283	283-284	284-285	286	287	139
138	274	274-275	275-276	276-277	277	278	278-279	279-280	280	281	282	283	284-285	285-286	138
137	272-273	273	274	275	275-276	276-277	277	278	279	280	281	282	283	284	137
136	271	271-272	272-273	273-274	274	275	275-276	276-277	277-278	278-279	279-280	280-281	282	283	136
135	269-270	270	271	272	272-273	273-274	274	275	276	277	278	279	280-281	282	135
134	268	269	270	270-271	271	272	273	274	274-275	275-276	277	278	279	280-281	134
133	267	267-268	268-269	269	270	271	271-272	272-273	273	274	275-276	276-277	277-278	279	133
132	265-266	266	267	268	268-269	269-270	270	271	272	273	274	275	276	277-278	132
131	264	265	266	266-267	267	268	269	269-270	270-271	271-272	272-273	273-274	275	276	131
130	263	264	264-265	265	266	266-267	267-268	268	269	270	271	272	273-274	274-275	130
129	261-262	262-263	263	264	264-265	265	266	267	267-268	268-269	269-270	270-271	271-272	272-273	129
128	260	261	262	262-263	263	264	264-265	265-266	266	267	268	269	270	271	128
127	259	260	260-261	261	262	262-263	263	264	264-265	265-266	266-267	267-268	268-269	269-270	127
126	257-258	258-259	259	260	260-261	261	261-262	262-263	263	264	265	265-266	266-267	267-268	126
125	256	257	258	258-259	259	259-260	260	261	262	262-263	263-264	264	265	266	125
124	255	256	256-257	257	258	258	259	260	260-261	261	262	263	263-264	264-265	124
123	254	254-255	255	256	256-257	257	258	258-259	259	260	260-261	261-262	262	263	123
122	252-253	253	254	254-255	255	256	256-257	257	258	258-259	259	260	261	261-262	122
121	251	252	253	253	254	254-255	255	256	256-257	257	258	258-259	259-260	260	121
120	250	251	251-252	252	253	253	254	254-255	255	256	256-257	257	258	259	120
119	249	249-250	250	251	251-252	252	252-253	253	254	254-255	255	256	256-257	257-258	119
118	247-248	248	249	249-250	250	251	251	252	252-253	253	254	254-255	255	256	118
117	246	247	248	248	249	249-250	250	250-251	251	252	252-253	253	253-254	254-255	117
116	245	246	246-247	247	247-248	248	249	249	250	250-251	251	251-252	252	253	116
115	244	244-245	245	246	246	247	247-248	248	248-249	249	249-250	250	251	251-252	115
114	243	243	244	244-245	245	245-246	246	246-247	247	247-248	248	249	249-250	250	114
113	241-242	242	243	243	244	244	245	245	246	246	247	247-248	248	248-249	113
112	240	241	241-242	242	242-243	243	243-244	244	244-245	245	245-246	246	246-247	247	112
111	239	240	240	241	241	242	242	243	243	243-244	244	244-245	245	245-246	111
110	238	238-239	239	239-240	240	240-241	241	241-242	242	242	243	243	243-244	244	110
109	236-237	237	238	238	239	239	239-240	240	240-241	241	241-242	242	242	243	109
108	235	236	237	237	237-238	238	238	239	239	239-240	240	240-241	241	241-242	108
107	234	235	235-236	236	236	237	237	237-238	238	238	238-239	239	239-240	240	107
106	233	234	234	235	235	235-236	236	236	236-237	237	237	237-238	238	238-239	106

Score	Chronological Age															Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+		
105	232	232-233	233	233-234	234	234	234-235	235	235	235-236	236	236	236-237	237	105	
104	231	231	232	232	233	233	233	234	234	234	235	235	235	235-236	104	
103	229-230	230	231	231	231-232	232	232	232-233	233	233	233-234	234	234	234	103	
102	228	229	229-230	230	230	230-231	231	231	231-232	231-232	232	232-233	232-233	233	102	
101	227	228	228	229	229	229	229	230	230	230	231	231	231	231-232	101	
100	226	227	227	228	228	228	229	229	229	229	230	230	230	230	100	
99	225	226	226	227	227	227	228	228	228	228	229	229	229	229	99	
98	224	225	225	226	226	226	226-227	227	227	227	227-228	227-228	227-228	227-228	98	
97	223	224	224	224-225	225	225	225	225-226	225-226	226	226	226	226	226	97	
96	222	222-223	223	223	223-224	224	224	224	224	224-225	225	225	225	225	96	
95	221	221	222	222	222	223	223	223	223	223	223-224	224	224	224	95	
94	220	220	221	221	221	222	222	222	222	222	222	222-223	222-223	223	94	
93	219	219	220	220	220	220-221	221	221	221	221	221	221	221	221-222	93	
92	218	218	219	219	219	219	220	220	220	220	220	220	220	220	92	
91	217	217	217-218	218	218	218	218-219	219	219	219	219	219	219	219	91	
90	216	216	216	217	217	217	217	218	218	218	218	218	218	218	90	
89	215	215	215	216	216	216	216	217	217	217	217	217	217	217	89	
88	213-214	214	214	215	215	215	215	215-216	216	216	216	216	216	216	88	
87	212	213	213	214	214	214	214	214	215	215	215	215	215	215	87	
86	211	212	212	213	213	213	213	213	214	214	214	214	214	214	86	
85	210	211	211	212	212	212	212	212	213	213	213	213	213	213	85	
84	209	210	210	211	211	211	211	211	212	212	212	212	212	212	84	
83	208	209	209	210	210	210	210	210	211	211	211	211	211	211	83	
82	207	208	208	208-209	209	209	209	209	210	210	210	210	210	210	82	
81	206	207	207	207	208	208	208	208	209	209	209	209	209	209	81	
80	205	206	206	206	207	207	207	207	208	208	208	208	208	208	80	
79	204	205	205	205	206	206	206	206	207	207	207	207	207	207	79	
78	203	204	204	204	205	205	205	205	206	206	206	206	206	206	78	
77	202	203	203	203	204	204	204	204	204-205	205	205	205	205	205	77	
76	201	202	202	202	203	203	203	203	203	204	204	204	204	204	76	
75	200	201	201	201	202	202	202	202	202	203	203	203	203	203	75	
74	199	200	200	---	201	201	201	201	201	202	202	202	202	202	74	
73	198	199	199	200	200	200	200	200	---	201	201	201	201	201	73	
72	197	198	198	199	199	199	199	199	200	200	200	200	200	200	72	
71	196	197	197	198	198	198	198	198	199	199	199	199	199	199	71	
70	195	196	196	197	197	197	197	---	198	198	198	198	198	198	70	
69	---	195	---	196	196	---	---	197	197	197	---	---	---	---	69	
68	194	194	195	195	---	196	196	196	---	---	---	197	197	197	68	
67	193	---	194	---	195	195	195	---	196	196	196	196	196	196	67	
66	192	193	193	194	194	---	---	195	195	195	---	---	---	---	66	
65	191	192	---	193	---	194	194	194	194	---	195	195	195	195	65	
64	---	191	192	192	193	193	193	193	---	194	194	194	194	194	64	
63	190	---	191	---	192	192	192	---	193	193	193	193	193	193	63	
62	189	190	190	191	191	191	---	192	192	192	192	192	---	---	62	
61	188	189	---	190	190	---	191	191	191	191	---	---	192	192	61	
60	187	188	189	189	189	190	190	190	190	---	191	191	191	191	60	
59	---	187	188	188	---	189	189	189	---	190	190	190	190	190	59	
58	186	186	187	187	188	188	188	---	189	189	189	189	189	189	58	
57	185	---	186	---	187	187	187	188	188	188	188	188	188	188	57	
56	184	185	185	186	186	186	---	187	187	187	187	187	187	187	56	
55	183	184	184	185	185	185	186	186	186	186	186	186	186	---	55	
54	182	183	183	184	184	184	185	185	185	185	185	185	185	185-186	54	
53	181	182	182	183	183	183	183-184	184	184	184	184	184	184	184	53	
52	180	181	181	182	182	182	182	183	183	183	183	183	183	183	52	
51	179	179-180	180	180-181	181	181	181	181-182	182	182	182	182	182	182	51	
50	1-178	1-178	1-179	1-179	1-180	1-180	1-180	1-180	1-181	1-181	1-181	1-181	1-181	1-181	50	

Table 26: Universal Scale Score to Grade Percentile Rank—Composite (VN): Fall Norms (Before December 1st)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	182+	203+	220+	232+	242+	250+	256+	262+	267+	271+	274+	276+	279+	99
98	178-181	198-202	215-219	228-231	237-241	245-249	252-255	258-261	262-266	266-270	268-273	271-275	274-278	98
97	175-177	195-197	212-214	224-227	234-236	242-244	249-251	255-257	259-261	262-265	265-267	268-270	271-273	97
96	173-174	193-194	210-211	222-223	232-233	240-241	247-248	252-254	257-258	260-261	262-264	265-267	268-270	96
95	171-172	190-192	207-209	220-221	230-231	238-239	245-246	250-251	255-256	258-259	260-261	263-264	266-267	95
94	169-170	189	206	218-219	228-229	236-237	243-244	249	253-254	256-257	258-259	261-262	264-265	94
93	167-168	188	204-205	217	227	235	242	247-248	251-252	254-255	257	259-260	263	93
92	166	187	203	215-216	225-226	233-234	240-241	246	250	253	255-256	258	261-262	92
91	165	186	202	214	224	232	239	244-245	249	252	254	257	260	91
90	164	185	201	213	223	231	238	243	247-248	250-251	253	255-256	259	90
89	163	184	200	212	222	230	237	242	246	249	252	254	258	89
88	162	183	199	211	221	229	236	241	245	248	251	253	257	88
87	161	182	198	210	220	228	235	240	244	---	250	---	256	87
86	160	181	197	209	219	227	234	239	243	247	249	252	255	86
85	---	180	196	208	218	226	233	238	---	246	248	251	254	85
84	159	179	195	207	217	225	232	---	242	245	247	250	253	84
83	158	---	194	206	216	224	231	237	241	244	---	249	252	83
82	---	178	---	---	---	---	---	236	240	243	246	248	---	82
81	157	177	193	205	215	223	230	235	---	---	245	---	251	81
80	156	176	192	204	214	222	229	---	239	242	244	247	250	80
79	---	---	191	---	---	---	---	234	238	241	---	246	249	79
78	155	175	---	203	213	221	228	233	---	---	243	---	---	78
77	---	---	190	202	212	---	227	---	237	240	242	245	248	77
76	154	174	189	---	---	220	---	232	236	239	---	244	247	76
75	153	173	---	201	211	---	226	---	---	---	241	---	246	75
74	---	---	188	---	---	219	---	231	235	238	240	243	---	74
73	---	172	---	200	210	218	225	---	---	237	---	242	245	73
72	152	---	187	199	---	---	---	230	234	---	239	---	---	72
71	---	171	186	---	209	217	224	---	233	236	---	241	244	71
70	151	170	---	198	---	---	---	229	---	---	238	240	243	70
69	---	---	185	---	208	216	223	---	232	235	237	---	---	69
68	150	169	---	197	---	---	---	228	---	---	---	239	242	68
67	---	---	184	---	207	215	222	---	231	234	236	---	---	67
66	149	168	---	196	206	---	---	227	---	---	---	238	241	66
65	---	---	183	---	---	---	221	---	230	233	235	237	---	65
64	---	167	---	195	---	214	---	226	---	232	234	---	240	64
63	148	---	182	---	205	---	220	---	229	---	---	236	---	63
62	---	166	---	194	---	213	---	225	---	231	233	---	239	62
61	147	---	181	---	204	---	---	---	228	---	---	235	---	61
60	---	---	---	193	---	212	219	224	---	---	---	---	238	60
59	---	165	180	---	203	---	---	---	227	230	232	234	---	59
58	146	---	---	192	---	---	218	---	---	---	---	---	237	58
57	---	164	179	---	202	211	---	223	226	229	231	233	---	57
56	---	---	---	191	---	---	---	---	---	---	---	---	236	56
55	145	163	178	---	201	210	217	222	---	228	230	---	---	55
54	---	---	---	190	---	---	---	---	225	---	---	232	235	54
53	144	---	---	---	---	209	216	221	---	---	---	---	---	53
52	---	162	177	189	200	---	---	---	224	227	229	231	234	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	143	161	176	188	199	208	215	220	223	226	228	230	233	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	160	175	187	198	207	214	219	222	225	227	229	232	48
47	---	---	---	---	---	---	---	---	---	---	---	---	---	47
46	142	---	174	---	---	206	213	218	---	224	226	228	231	46
45	---	159	---	186	197	---	---	---	221	---	---	---	---	45
44	---	---	173	---	---	---	---	---	---	---	---	---	230	44
43	---	158	---	185	196	205	212	217	220	223	225	227	---	43
42	141	---	172	---	---	---	---	---	---	---	---	---	229	42
41	---	157	---	184	195	204	211	216	---	222	224	226	---	41
40	---	---	171	---	---	---	---	---	219	---	---	---	228	40
39	---	156	---	---	194	203	210	215	---	221	223	225	---	39
38	140	---	170	183	---	---	---	---	218	---	---	---	227	38
37	---	---	---	---	---	202	209	214	---	220	222	224	---	37
36	---	155	---	182	193	---	---	---	---	---	---	---	226	36
35	---	---	169	---	---	---	208	---	217	---	221	223	---	35
34	139	154	---	181	192	201	---	213	---	219	---	---	225	34
33	---	---	168	---	---	---	---	---	216	---	220	222	224	33
32	---	---	---	---	191	200	207	212	---	218	---	---	---	32
31	138	153	167	180	---	---	---	---	215	---	---	221	223	31
30	---	---	---	---	---	199	206	211	---	217	219	---	---	30
29	---	152	166	179	190	---	---	---	214	---	---	220	222	29
28	---	---	---	---	---	198	205	210	---	216	218	---	---	28
27	137	---	165	178	189	---	---	---	213	---	---	219	221	27
26	---	151	---	---	---	197	204	209	---	215	217	---	220	26
25	---	---	---	177	188	---	---	---	212	---	---	218	---	25
24	---	150	164	---	---	196	203	208	---	214	216	---	219	24
23	136	---	---	176	187	---	---	---	211	---	---	217	---	23
22	---	149	163	---	186	195	202	207	---	213	215	---	218	22
21	---	---	---	175	---	---	---	---	210	---	214	216	---	21
20	135	---	162	174	185	194	201	206	---	212	---	---	217	20
19	---	148	161	---	---	---	200	205	209	211	213	215	216	19
18	---	---	---	173	184	193	---	---	208	---	---	214	---	18
17	134	147	160	---	183	192	199	204	---	210	212	---	215	17
16	---	---	---	172	---	---	198	203	207	---	---	213	---	16
15	---	146	159	171	182	191	---	---	206	209	211	212	214	15
14	133	---	158	---	181	190	197	202	---	208	210	---	213	14
13	---	145	---	170	180	189	196	201	205	207	209	211	212	13
12	---	144	157	169	---	188	195	200	204	---	---	210	---	12
11	132	---	156	168	179	---	194	199	203	206	208	209	211	11
10	---	143	155	167	178	187	---	---	202	205	207	208	210	10
9	---	142	---	---	177	186	193	198	201	204	206	207	209	9
8	131	---	154	166	176	185	192	197	200	203	205	206	207-208	8
7	---	141	153	165	175	184	191	196	199	202	203-204	205	206	7
6	130	140	152	163-164	174	183	189-190	194-195	198	200-201	202	204	205	6
5	---	139	151	162	173	181-182	188	193	196-197	199	201	202-203	203-204	5
4	129	138	149-150	161	171-172	180	187	191-192	195	197-198	199-200	200-201	201-202	4
3	128	136-137	147-148	159-160	169-170	178-179	184-186	189-190	193-194	195-196	197-198	198-199	199-200	3
2	126-127	134-135	145-146	156-158	167-168	175-177	182-183	186-188	190-192	192-194	194-196	196-197	197-198	2
1	1-125	1-133	1-144	1-155	1-166	1-174	1-181	1-185	1-189	1-191	1-193	1-195	1-196	1

Table 27: Universal Scale Score to Grade Percentile Rank—Composite (VN): Midyear Norms (December 1st through February)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	187+	207+	223+	235+	244+	251+	258+	263+	268+	272+	275+	277+	279+	99
98	183-186	202-206	219-222	230-234	240-243	247-250	254-257	259-262	263-267	266-271	269-274	272-276	275-278	98
97	180-182	199-201	215-218	227-229	236-239	244-246	251-253	256-258	260-262	263-265	266-268	268-271	271-274	97
96	178-179	197-198	213-214	225-226	234-235	242-243	248-250	254-255	258-259	260-262	263-265	266-267	269-270	96
95	176-177	195-196	211-212	223-224	232-233	240-241	246-247	252-253	255-257	258-259	261-262	264-265	267-268	95
94	174-175	193-194	209-210	221-222	230-231	238-239	245	250-251	254	257	259-260	262-263	265-266	94
93	172-173	192	208	219-220	229	237	243-244	248-249	252-253	255-256	257-258	260-261	264	93
92	171	191	206-207	218	227-228	235-236	242	247	251	254	256	259	262-263	92
91	170	190	205	217	226	234	240-241	245-246	249-250	252-253	255	257-258	261	91
90	169	189	204	216	225	233	239	244	248	251	254	256	259-260	90
89	168	188	203	215	224	232	238	243	247	250	253	255	258	89
88	167	187	202	214	223	231	237	242	246	249	252	254	257	88
87	166	186	201	213	222	230	236	241	245	248	251	253	---	87
86	165	185	200	212	221	229	235	240	244	247	250	252	256	86
85	---	184	199	211	220	228	234	---	243	246	249	---	255	85
84	164	---	198	210	219	227	---	239	---	---	248	251	254	84
83	163	183	---	209	218	226	233	238	242	245	247	250	253	83
82	---	182	197	208	---	---	232	237	241	244	---	249	---	82
81	162	181	196	---	217	225	231	---	240	243	246	248	252	81
80	161	---	195	207	216	224	---	236	---	---	245	---	251	80
79	---	180	---	206	---	---	230	235	239	242	244	247	250	79
78	160	179	194	---	215	223	---	---	238	241	---	246	249	78
77	---	---	193	205	---	222	229	234	---	---	243	245	---	77
76	159	178	---	---	214	---	228	233	237	240	242	---	248	76
75	158	---	192	204	213	221	---	---	---	239	---	244	247	75
74	---	177	---	203	---	---	227	232	236	---	241	243	---	74
73	157	176	191	---	212	220	---	---	235	238	240	---	246	73
72	---	---	190	202	---	---	226	231	---	237	---	242	245	72
71	156	175	---	---	211	219	---	---	234	---	239	---	---	71
70	---	---	189	201	---	---	225	230	---	236	238	241	244	70
69	---	174	---	---	210	218	---	---	233	---	---	240	---	69
68	155	---	188	200	---	---	224	229	---	235	237	---	243	68
67	---	173	---	199	209	217	---	---	232	---	---	239	---	67
66	154	---	187	---	---	---	223	228	---	234	236	---	242	66
65	---	172	---	198	208	216	---	---	231	---	---	238	---	65
64	153	171	186	---	---	---	222	227	---	233	235	---	241	64
63	---	---	185	197	207	215	---	---	230	232	234	237	---	63
62	---	170	---	---	---	---	221	226	---	---	---	---	240	62
61	152	---	184	196	206	---	---	---	229	231	233	236	---	61
60	---	---	---	---	---	214	---	225	---	---	---	---	239	60
59	151	169	---	195	205	---	220	---	228	230	232	235	---	59
58	---	---	183	---	---	213	---	---	---	---	---	---	238	58
57	---	168	---	---	204	---	219	224	227	---	---	234	---	57
56	150	---	182	194	---	---	---	---	---	229	231	---	237	56
55	---	167	---	---	---	212	218	223	226	---	---	233	---	55
54	---	---	181	193	203	---	---	---	---	228	230	---	236	54
53	149	---	---	---	---	211	---	---	---	---	---	---	---	53
52	---	166	180	192	202	---	217	222	225	227	229	232	235	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	148	165	179	191	201	210	216	221	224	226	228	231	234	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	164	178	190	200	209	215	220	223	225	227	230	233	48
47	147	---	---	---	---	---	---	---	---	---	---	---	---	47
46	---	163	177	---	---	208	---	219	---	---	---	229	232	46
45	---	---	---	189	199	---	214	---	222	224	226	---	---	45
44	146	---	---	---	---	---	---	---	---	---	---	228	231	44
43	---	162	176	188	198	207	213	218	221	223	225	---	230	43
42	---	---	---	---	---	---	---	---	---	---	---	227	---	42
41	145	161	175	187	---	206	212	217	220	---	---	---	229	41
40	---	---	---	---	197	---	---	---	---	222	224	226	---	40
39	---	160	174	---	---	205	---	216	---	---	---	---	228	39
38	144	---	---	186	196	---	211	---	219	221	223	225	---	38
37	---	159	173	---	---	204	---	215	---	---	---	---	227	37
36	---	---	---	185	---	---	210	---	218	220	222	224	---	36
35	143	---	---	---	195	203	---	---	---	---	---	---	226	35
34	---	158	172	184	---	---	209	214	217	---	221	223	---	34
33	---	---	---	---	194	---	---	---	---	219	---	---	225	33
32	142	157	171	183	---	202	---	213	216	---	220	222	224	32
31	---	---	---	---	193	---	208	---	---	218	---	---	---	31
30	---	156	170	---	---	201	---	212	215	---	219	221	223	30
29	---	---	---	182	192	---	207	---	---	217	---	---	---	29
28	141	---	169	---	---	200	---	211	214	---	218	220	222	28
27	---	155	---	181	---	---	206	---	---	216	---	---	221	27
26	---	---	168	---	191	199	---	210	213	---	217	219	---	26
25	140	154	---	180	190	---	205	---	---	215	---	---	220	25
24	---	---	167	---	---	198	---	209	212	---	216	218	---	24
23	---	153	---	179	189	---	204	---	---	214	---	---	219	23
22	139	---	166	178	---	197	---	208	211	---	215	217	---	22
21	---	152	---	---	188	---	203	---	---	213	---	---	218	21
20	---	---	165	177	---	196	202	207	210	---	214	216	217	20
19	138	151	---	---	187	195	---	206	---	212	---	215	---	19
18	---	---	164	176	186	---	201	---	209	211	213	---	216	18
17	137	150	163	175	---	194	200	205	208	---	---	214	---	17
16	---	---	---	---	185	193	---	204	---	210	212	213	215	16
15	---	149	162	174	184	---	199	---	207	209	211	---	214	15
14	136	---	---	173	---	192	198	203	206	---	---	212	---	14
13	---	148	161	---	183	191	197	202	---	208	210	211	213	13
12	---	---	160	172	182	190	---	201	205	207	209	---	212	12
11	135	147	159	171	181	189	196	200	204	206	208	210	211	11
10	---	146	---	170	180	---	195	---	203	205	207	209	210	10
9	134	145	158	169	---	188	194	199	202	204	206	208	209	9
8	---	---	157	168	179	187	193	198	201	203	205	207	208	8
7	133	144	156	167	178	186	192	197	200	202	204	205-206	206-207	7
6	---	143	155	166	176-177	185	191	195-196	199	201	202-203	204	205	6
5	132	142	153-154	165	175	183-184	190	194	197-198	199-200	201	202-203	203-204	5
4	131	141	152	163-164	174	182	188-189	192-193	195-196	198	199-200	200-201	201-202	4
3	130	139-140	150-151	162	172-173	180-181	186-187	190-191	193-194	195-197	197-198	198-199	199-200	3
2	128-129	137-138	148-149	159-161	169-171	177-179	183-185	187-189	190-192	193-194	194-196	196-197	197-198	2
1	1-127	1-136	1-147	1-158	1-168	1-176	1-182	1-186	1-189	1-192	1-193	1-195	1-196	1

Table 28: Universal Scale Score to Grade Percentile Rank—Composite (VN): Spring Norms (March 1st through July)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	192+	211+	226+	237+	246+	253+	259+	265+	269+	272+	275+	277+	280+	99
98	188-191	207-210	222-225	233-236	242-245	249-252	255-258	260-264	264-268	267-271	270-274	273-276	275-279	98
97	185-187	204-206	219-221	230-232	239-241	246-248	252-254	257-259	261-263	264-266	266-269	269-272	272-274	97
96	183-184	201-203	216-218	227-229	236-238	244-245	250-251	255-256	258-260	261-263	264-265	267-268	270-271	96
95	181-182	199-200	214-215	225-226	234-235	242-243	248-249	253-254	256-257	259-260	261-263	264-266	268-269	95
94	179-180	197-198	212-213	223-224	232-233	240-241	246-247	251-252	254-255	257-258	260	263	266-267	94
93	178	196	211	222	231	238-239	244-245	249-250	253	256	258-259	261-262	264-265	93
92	176-177	195	210	221	230	237	243	248	251-252	254-255	257	260	263	92
91	175	194	208-209	219-220	228-229	236	242	247	250	253	255-256	258-259	261-262	91
90	174	193	207	218	227	235	241	245-246	249	252	254	257	260	90
89	173	192	206	217	226	233-234	240	244	248	251	253	256	259	89
88	172	191	205	216	225	232	239	243	247	250	252	255	258	88
87	171	190	204	215	224	231	238	242	246	249	251	254	257	87
86	---	189	203	214	223	---	237	---	245	248	250	253	---	86
85	170	---	202	213	222	230	236	241	244	247	---	252	256	85
84	169	188	---	212	221	229	235	240	243	246	249	---	255	84
83	168	187	201	---	---	228	234	239	---	245	248	251	254	83
82	---	186	200	211	220	227	---	238	242	---	247	250	---	82
81	167	185	199	210	219	---	233	---	241	244	246	249	253	81
80	166	---	---	---	---	226	232	237	---	243	---	248	252	80
79	---	184	198	209	218	225	---	236	240	---	245	---	251	79
78	165	183	197	208	217	---	231	---	239	242	244	247	250	78
77	---	---	---	---	---	224	230	235	---	241	---	246	---	77
76	164	182	196	207	216	---	---	234	238	---	243	---	249	76
75	163	---	195	206	---	223	229	---	237	240	242	245	248	75
74	---	181	---	---	215	---	---	233	---	239	---	244	---	74
73	162	180	194	205	---	222	228	---	236	---	241	---	247	73
72	---	---	---	---	214	---	---	232	---	238	240	243	246	72
71	161	179	193	204	213	221	227	---	235	237	---	242	---	71
70	---	---	192	---	---	---	---	231	234	---	239	---	245	70
69	160	178	---	203	212	220	226	---	---	236	238	241	---	69
68	---	---	191	---	---	---	---	230	233	---	---	---	244	68
67	159	177	---	202	211	219	225	---	---	235	237	240	---	67
66	---	176	190	---	---	---	---	229	232	---	---	239	243	66
65	158	---	---	201	210	218	224	---	---	234	236	---	---	65
64	---	175	189	---	---	---	---	228	231	233	---	238	242	64
63	---	---	---	200	---	217	223	---	---	---	235	---	---	63
62	157	174	188	---	209	---	---	227	230	232	---	237	241	62
61	---	---	---	199	---	216	222	---	---	---	234	---	---	61
60	156	173	187	---	208	---	---	226	229	---	---	236	240	60
59	---	---	---	198	---	215	221	---	---	231	233	---	---	59
58	155	172	186	---	207	---	---	---	---	---	---	235	239	58
57	---	---	---	197	---	214	220	225	228	230	232	---	238	57
56	---	171	185	---	---	---	---	---	---	---	---	234	---	56
55	154	---	---	196	206	---	---	224	227	229	231	---	237	55
54	---	170	184	---	---	213	219	---	---	---	---	233	---	54
53	153	---	---	---	205	---	---	---	---	---	---	---	236	53
52	---	169	183	195	---	212	218	223	226	228	230	232	235	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	152	168	182	194	204	211	217	222	225	227	229	231	234	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	167	181	193	203	---	216	221	224	226	228	230	233	48
47	151	---	---	---	---	210	---	---	---	---	---	---	---	47
46	---	---	---	192	202	---	---	220	223	225	227	229	232	46
45	---	166	180	---	---	209	215	---	---	---	---	---	---	45
44	150	---	---	---	201	---	---	---	---	---	226	---	231	44
43	---	165	179	191	---	---	---	219	222	224	---	228	---	43
42	---	---	---	---	---	208	214	---	---	---	---	---	---	42
41	149	---	178	190	200	---	---	218	221	223	225	227	230	41
40	---	164	---	---	---	207	213	---	---	---	---	---	---	40
39	148	---	177	189	199	---	---	217	220	222	224	226	229	39
38	---	163	---	---	---	---	212	---	---	---	---	---	---	38
37	---	---	---	188	198	206	---	216	219	221	223	225	228	37
36	147	---	176	---	---	---	---	---	---	---	---	---	227	36
35	---	162	---	---	197	205	211	215	218	---	222	224	---	35
34	---	---	175	187	---	---	---	---	---	220	---	---	226	34
33	---	161	---	---	---	204	210	---	---	---	221	223	---	33
32	146	---	174	186	196	---	---	214	217	219	---	---	225	32
31	---	160	---	---	---	---	209	---	---	---	220	222	224	31
30	---	---	173	185	195	203	---	213	216	218	---	---	---	30
29	145	---	---	---	---	---	208	---	---	---	219	221	223	29
28	---	159	---	184	194	202	---	212	215	217	---	---	---	28
27	144	---	172	---	---	---	---	---	---	---	218	220	222	27
26	---	158	---	183	193	201	207	211	214	216	---	---	221	26
25	---	---	171	---	---	---	206	---	---	---	217	219	---	25
24	143	157	---	182	192	200	---	210	213	215	---	---	220	24
23	---	---	170	---	---	---	205	---	---	---	216	218	---	23
22	---	156	---	181	191	199	---	209	212	214	---	217	219	22
21	142	---	169	---	---	198	204	208	211	---	215	---	218	21
20	---	155	168	180	190	---	---	---	---	213	---	216	---	20
19	141	---	---	---	189	197	203	207	210	212	214	---	217	19
18	---	154	167	179	---	---	202	---	---	---	---	215	216	18
17	---	---	---	178	188	196	---	206	209	211	213	214	---	17
16	140	153	166	---	187	195	201	205	208	---	212	---	215	16
15	---	---	165	177	---	194	200	---	---	210	---	213	---	15
14	139	152	---	176	186	---	---	204	207	209	211	212	214	14
13	---	151	164	175	185	193	199	203	206	208	210	---	213	13
12	---	---	163	---	184	192	198	202	205	---	209	211	212	12
11	138	150	162	174	183	191	197	201	---	207	---	210	---	11
10	---	149	---	173	---	190	196	---	204	206	208	209	210-211	10
9	137	---	161	172	182	---	195	200	203	205	207	208	209	9
8	136	148	160	171	181	189	194	199	202	204	205-206	207	208	8
7	---	147	159	170	180	188	193	198	200-201	203	204	206	207	7
6	135	146	158	169	179	186-187	192	196-197	199	201-202	203	204-205	205-206	6
5	134	145	156-157	168	177-178	185	191	195	198	200	201-202	203	204	5
4	133	143-144	155	166-167	176	183-184	189-190	193-194	196-197	198-199	199-200	201-202	202-203	4
3	132	142	153-154	164-165	174-175	181-182	187-188	191-192	194-195	196-197	197-198	199-200	200-201	3
2	130-131	139-141	151-152	162-163	171-173	179-180	184-186	188-190	191-193	193-195	195-196	196-198	198-199	2
1	1-129	1-138	1-150	1-161	1-170	1-178	1-183	1-187	1-190	1-192	1-194	1-195	1-197	1

Table 29: Universal Scale Score to Standard Age Score—Composite (QN)

Universal Scale Score to Standard Age Score: Composite (QN)
 (ages 5-0 through 8-0; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
160	208+	214+	219+	225+	230+	235+	240+	246+	252+	258+	264+	270+	275+	160
159	206-207	212-213	217-218	223-224	228-229	233-234	239	244-245	250-251	256-257	262-263	268-269	274	159
158	205	210-211	216	222	227	232	237-238	243	249	255	261	267	272-273	158
157	203-204	209	214-215	220-221	225-226	230-231	236	242	248	254	260	266	271	157
156	202	207-208	212-213	218-219	223-224	229	235	240-241	246-247	252-253	259	264-265	270	156
155	200-201	205-206	211	217	222	227-228	233-234	239	245	251	257-258	263	268-269	155
154	198-199	204	209-210	215-216	220-221	226	232	238	244	250	256	262	267	154
153	197	202-203	208	214	219	225	230-231	236-237	242-243	249	255	261	266	153
152	195-196	200-201	206-207	212-213	218	223-224	229	235	241	247-248	253-254	259-260	264-265	152
151	193-194	199	205	211	216-217	222	228	234	240	246	252	258	263	151
150	192	197-198	203-204	209-210	215	220-221	226-227	232-233	238-239	244-245	251	256-257	261-262	150
149	190-191	196	202	208	213-214	219	224-225	230-231	236-237	242-243	249-250	254-255	259-260	149
148	189	195	201	207	212	217-218	223	229	235	241	247-248	252-253	257-258	148
147	188	194	199-200	205-206	210-211	216	221-222	227-228	233-234	239-240	245-246	250-251	255-256	147
146	186-187	193	198	204	209	214-215	220	225-226	231-232	237-238	243-244	248-249	253-254	146
145	185	191-192	197	202-203	207-208	212-213	218-219	223-224	229-230	235-236	240-242	246-247	251-252	145
144	184	190	195-196	201	206	211	216-217	221-222	227-228	232-234	238-239	243-245	248-250	144
143	183	188-189	194	199-200	204-205	209-210	214-215	219-220	224-226	230-231	235-237	241-242	245-247	143
142	181-182	187	192-193	197-198	203	207-208	212-213	217-218	222-223	227-229	233-234	238-240	243-244	142
141	180	185-186	191	196	201-202	205-206	210-211	215-216	220-221	225-226	230-232	235-237	240-242	141
140	179	184	189-190	194-195	199-200	204	208-209	213-214	218-219	223-224	228-229	233-234	238-239	140
139	177-178	183	188	193	197-198	202-203	206-207	211-212	216-217	221-222	226-227	231-232	236-237	139
138	176	181-182	186-187	191-192	196	200-201	204-205	209-210	214-215	219-220	224-225	229-230	233-235	138
137	175	180	185	190	194-195	198-199	202-203	207-208	212-213	217-218	222-223	227-228	231-232	137
136	174	179	183-184	188-189	192-193	196-197	201	205-206	210-211	215-216	220-221	225-226	229-230	136
135	173	178	182	187	190-191	194-195	199-200	203-204	208-209	213-214	218-219	223-224	227-228	135
134	171-172	176-177	180-181	185-186	189	193	197-198	202	206-207	211-212	216-217	221-222	225-226	134
133	170	175	179	184	187-188	191-192	196	200-201	205	209-210	214-215	219-220	223-224	133
132	169	173-174	177-178	182-183	186	190	194-195	198-199	203-204	207-208	212-213	217-218	221-222	132
131	168	172	176	181	184-185	188-189	192-193	197	201-202	206	210-211	215-216	220	131
130	166-167	170-171	175	179-180	183	187	191	195-196	199-200	204-205	209	214	218-219	130
129	165	169	173-174	178	181-182	185-186	189-190	194	198	203	207-208	212-213	216-217	129
128	164	168	172	176-177	180	184	188	192-193	197	201-202	206	211	215	128
127	163	167	171	175	178-179	182-183	186-187	191	195-196	200	205	209-210	214	127
126	162	166	170	173-174	177	181	185	189-190	194	198-199	203-204	208	212-213	126
125	161	165	168-169	172	176	180	184	188	192-193	197	202	206-207	211	125
124	160	163-164	167	170-171	174-175	178-179	182-183	187	191	196	200-201	205	209-210	124
123	158-159	162	166	169	173	177	181	185-186	190	194-195	199	204	208	123
122	157	161	164-165	168	171-172	175-176	179-180	184	188-189	193	198	202-203	206-207	122
121	156	159-160	163	166-167	170	174	178	182-183	187	191-192	196-197	201	205	121
120	155	158	162	165	169	173	177	181	185-186	190	195	199-200	203-204	120
119	154	157	160-161	164	168	171-172	176	180	184	189	193-194	198	202	119
118	153	156	159	163	166-167	170	174-175	179	183	187-188	192	197	201	118
117	152	155	158	162	165	169	173	177-178	182	186	191	195-196	199-200	117
116	151	154	157	161	164	168	172	176	180-181	185	189-190	194	198	116
115	150	153	156	160	163	167	171	175	179	183-184	188	193	197	115
114	149	152	155	158-159	162	166	170	174	178	182	187	191-192	195-196	114
113	148	151	154	157	161	165	168-169	173	177	181	186	190	194	113
112	147	150	153	156	160	163-164	167	171-172	176	180	184-185	189	193	112
111	146	149	152	155	159	162	166	170	174-175	179	183	188	192	111
110	145	148	151	154	158	161	165	169	173	178	182	186-187	191	110
109	144	147	150	153	157	160	164	168	172	177	181	185	189-190	109
108	143	146	149	152	156	159	163	167	171	175-176	180	184	188	108
107	---	145	148	151	155	158	162	166	170	174	179	183	187	107
106	142	144	147	150	154	157	161	165	169	173	178	182	186	106

Score	Chronological Age													Score
	5-0	5-3	5-6	5-9	6-0	6-3	6-6	6-9	7-0	7-3	7-6	7-9	8-0	
105	141	---	146	149	153	156	160	164	168	172	176-177	181	185	105
104	140	143	145	---	152	155	159	163	167	171	175	180	183-184	104
103	139	142	---	148	151	---	158	162	166	170	174	178-179	182	103
102	---	---	144	147	150	154	157	161	165	169	173	177	181	102
101	138	141	143	146	149	153	156	160	164	168	172	176	180	101
100	137	140	142	145	148	152	155	159	163	167	171	175	179	100
99	---	---	---	---	---	151	154	158	162	166	170	174	178	99
98	136	139	141	144	147	150	---	157	161	165	169	173	177	98
97	---	138	---	143	146	---	153	---	160	164	168	172	176	97
96	135	---	140	---	---	149	152	156	159	163	167	171	175	96
95	---	137	139	142	145	148	151	155	158	162	166	170	174	95
94	134	---	---	---	144	147	---	154	---	161	165	169	173	94
93	---	136	138	141	---	---	150	153	157	160	164	168	172	93
92	---	---	---	---	143	146	149	152	156	---	163	167	171	92
91	133	135	---	140	---	145	148	---	155	159	162	166	170	91
90	---	---	137	139	142	---	---	151	154	158	---	165	169	90
89	---	---	---	---	---	144	147	150	153	157	161	164	168	89
88	132	134	136	---	141	---	146	149	---	156	160	163	167	88
87	---	---	---	138	140	143	---	---	152	155	159	162	166	87
86	---	---	---	---	---	142	145	148	151	154	158	161	165	86
85	---	133	135	137	139	---	144	147	150	153	157	160	164	85
84	---	---	---	---	---	141	---	---	149	---	156	---	163	84
83	131	---	---	136	---	---	143	146	---	152	155	159	162	83
82	---	---	134	---	138	140	---	145	148	151	154	158	161	82
81	---	132	---	---	---	---	142	---	147	150	---	157	160	81
80	---	---	---	135	137	139	141	144	---	---	153	156	159	80
79	130	---	133	---	---	---	---	143	146	149	152	155	158	79
78	---	131	---	134	136	138	140	---	145	148	151	154	---	78
77	---	---	---	---	---	---	---	142	144	147	150	---	157	77
76	---	---	132	---	135	137	139	141	---	146	---	153	156	76
75	---	---	---	133	---	136	138	---	143	---	149	152	155	75
74	129	130	---	---	134	---	---	140	142	145	148	151	154	74
73	---	---	131	132	---	135	137	139	---	144	147	150	153	73
72	---	---	---	---	133	---	---	---	141	---	146	---	---	72
71	---	---	---	---	---	134	136	138	140	143	---	149	152	71
70	---	129	130	131	---	---	---	---	---	142	145	148	151	70
69	128	---	---	---	132	---	135	137	139	---	144	147	150	69
68	---	---	129	---	---	133	---	136	138	141	143	146	149	68
67	---	128	---	130	131	---	134	---	---	140	---	145	148	67
66	127	---	---	---	---	132	---	135	137	139	142	---	147	66
65	---	---	128	129	130	---	133	---	---	---	141	144	---	65
64	---	127	---	---	---	131	---	134	136	138	---	143	146	64
63	---	---	---	---	---	---	132	---	135	137	140	142	145	63
62	---	---	---	128	129	130	---	133	---	---	139	---	144	62
61	126	---	127	---	---	---	131	---	134	136	138	141	---	61
60	---	126	---	---	---	---	---	132	---	---	---	140	143	60
59	125	---	---	127	128	129	---	---	---	135	---	---	---	59
58	---	125	126	---	---	---	130	---	133	---	137	---	142	58
57	124	---	---	---	---	---	---	131	---	---	---	139	141	57
56	123	124	125	126	127	---	---	---	---	---	---	---	---	56
55	---	---	---	---	---	128	---	---	---	134	136	138	140	55
54	122	123	124	---	---	---	129	---	132	---	---	---	---	54
53	---	---	---	125	126	---	---	130	---	133	135	137	139	53
52	121	---	---	---	---	127	---	---	131	---	---	136	138	52
51	---	122	123	---	---	---	128	---	---	---	134	---	---	51
50	1-120	1-121	1-122	1-124	1-125	1-126	1-127	1-129	1-130	1-132	1-133	1-135	1-137	50

Universal Scale Score to Standard Age Score: Composite (QN)
(ages 8-3 through 11-3; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
160	280+	284+	288+	292+	295+	297+	300+	302+	304+	305+	307+	308+	310+	160
159	278-279	283	287	290-291	293-294	296	298-299	300-301	302-303	303-304	305-306	306-307	308-309	159
158	277	281-282	285-286	289	292	294-295	297	299	300-301	302	303-304	304-305	306-307	158
157	276	280	284	287-288	290-291	293	295-296	297-298	298-299	300-301	301-302	302-303	304-305	157
156	274-275	279	282-283	286	289	291-292	293-294	295-296	297	298-299	299-300	300-301	302-303	156
155	273	277-278	281	284-285	287-288	289-290	292	293-294	295-296	296-297	297-298	299	300-301	155
154	272	276	280	283	285-286	288	290-291	292	293-294	294-295	295-296	297-298	298-299	154
153	270-271	274-275	278-279	281-282	284	286-287	288-289	290-291	291-292	292-293	294	295-296	296-297	153
152	269	273	277	280	282-283	285	286-287	288-289	289-290	291	292-293	293-294	294-295	152
151	268	272	275-276	278-279	281	283-284	285	286-287	288	289-290	290-291	291-292	292-293	151
150	266-267	270-271	273-274	276-277	279-280	281-282	283-284	284-285	286-287	287-288	288-289	289-290	289-291	150
149	264-265	268-269	271-272	274-275	277-278	279-280	281-282	282-283	283-285	284-286	285-287	286-288	287-288	149
148	262-263	266-267	269-270	272-273	274-276	276-278	278-280	280-281	281-282	282-283	283-284	284-285	285-286	148
147	259-261	263-265	267-268	270-271	272-273	274-275	276-277	277-279	279-280	280-281	281-282	282-283	283-284	147
146	257-258	261-262	264-266	267-269	270-271	272-273	274-275	275-276	276-278	277-279	278-280	279-281	280-282	146
145	255-256	259-260	262-263	265-266	267-269	269-271	271-273	273-274	274-275	275-276	276-277	277-278	278-279	145
144	252-254	256-258	259-261	262-264	265-266	267-268	269-270	270-272	271-273	273-274	274-275	275-276	275-277	144
143	249-251	253-255	256-258	259-261	262-264	264-266	266-268	267-269	269-270	270-272	271-273	272-274	273-274	143
142	247-248	250-252	254-255	257-258	259-261	261-263	263-265	265-266	266-268	267-269	269-270	270-271	271-272	142
141	244-246	248-249	251-253	254-256	256-258	259-260	261-262	262-264	264-265	265-266	266-268	267-269	268-270	141
140	242-243	245-247	249-250	252-253	254-255	256-258	258-260	260-261	262-263	263-264	264-265	265-266	266-267	140
139	240-241	243-244	247-248	250-251	252-253	254-255	256-257	258-259	260-261	261-262	262-263	263-264	265	139
138	238-239	241-242	245-246	248-249	250-251	252-253	255	256-257	258-259	259-260	260-261	262	263-264	138
137	235-237	239-240	242-244	245-247	248-249	251	253-254	254-255	256-257	257-258	259	260-261	261-262	137
136	233-234	237-238	240-241	243-244	246-247	249-250	251-252	253	254-255	256	257-258	258-259	259-260	136
135	231-232	235-236	238-239	241-242	244-245	247-248	249-250	251-252	252-253	254-255	255-256	256-257	258	135
134	229-230	233-234	236-237	239-240	242-243	245-246	247-248	249-250	250-251	252-253	253-254	255	256-257	134
133	227-228	231-232	234-235	237-238	240-241	243-244	245-246	247-248	248-249	250-251	251-252	253-254	254-255	133
132	225-226	229-230	232-233	236	238-239	241-242	243-244	245-246	246-247	248-249	249-250	251-252	252-253	132
131	224	227-228	230-231	234-235	236-237	239-240	241-242	243-244	245	246-247	248	249-250	250-251	131
130	222-223	225-226	229	232-233	235	237-238	239-240	241-242	243-244	244-245	246-247	247-248	248-249	130
129	220-221	224	227-228	230-231	233-234	235-236	238	239-240	241-242	243	244-245	245-246	247	129
128	219	222-223	226	229	231-232	234	236-237	238	239-240	241-242	242-243	244	245-246	128
127	217-218	221	224-225	227-228	230	232-233	234-235	236-237	238	239-240	241	242-243	243-244	127
126	216	220	223	226	228-229	231	233	235	236-237	238	239-240	240-241	241-242	126
125	215	218-219	221-222	224-225	227	229-230	231-232	233-234	235	236-237	237-238	239	240	125
124	213-214	217	220	223	225-226	228	230	231-232	233-234	234-235	236	237-238	238-239	124
123	212	215-216	218-219	221-222	224	226-227	228-229	230	231-232	233	234-235	235-236	237	123
122	210-211	214	217	220	222-223	225	227	228-229	230	231-232	233	234	235-236	122
121	209	212-213	215-216	218-219	221	223-224	225-226	227	228-229	230	231-232	232-233	233-234	121
120	207-208	211	214	217	219-220	222	224	225-226	227	228-229	230	231	232	120
119	206	209-210	213	215-216	218	220-221	222-223	224	226	227	228-229	229-230	231	119
118	205	208	211-212	214	217	219	221	223	224-225	225-226	227	228	229-230	118
117	203-204	207	210	213	215-216	217-218	219-220	221-222	223	224	225-226	227	228	117
116	202	205-206	208-209	211-212	214	216	218	220	221-222	223	224	225-226	226-227	116
115	200-201	204	207	210	212-213	215	217	218-219	220	221-222	223	224	225	115
114	199	203	206	209	211	213-214	215-216	217	219	220	221-222	223	224	114
113	198	201-202	204-205	207-208	210	212	214	216	217-218	219	220	221-222	223	113
112	197	200	203	206	209	211	213	215	216	218	219	220	221-222	112
111	195-196	199	202	205	207-208	210	212	213-214	215	216-217	218	219	220	111
110	194	198	201	204	206	208-209	210-211	212	214	215	217	218	219	110
109	193	196-197	200	202-203	205	207	209	211	213	214	215-216	217	218	109
108	192	195	198-199	201	204	206	208	210	211-212	213	214	215-216	217	108
107	191	194	197	200	202-203	205	207	209	210	212	213	214	215-216	107
106	189-190	193	196	199	201	204	206	207-208	209	210-211	212	213	214	106

Score	Chronological Age													Score
	8-3	8-6	8-9	9-0	9-3	9-6	9-9	10-0	10-3	10-6	10-9	11-0	11-3	
105	188	192	195	198	200	202-203	204-205	206	208	209	211	212	213	105
104	187	191	194	196-197	199	201	203	205	207	208	209-210	211	212	104
103	186	189-190	192-193	195	198	200	202	204	205-206	207	208	210	211	103
102	185	188	191	194	197	199	201	203	204	206	207	209	210	102
101	184	187	190	193	196	198	200	202	203	205	206	208	209	101
100	183	186	189	192	195	197	199	201	202	204	205	207	208	100
99	182	185	188	191	194	196	198	200	201	203	204	206	207	99
98	181	184	187	190	193	195	197	199	200	202	203	205	206	98
97	180	183	186	189	191-192	194	196	198	199	201	202	204	205	97
96	179	182	185	188	190	193	195	197	198	200	201	203	204	96
95	178	181	184	187	189	192	194	196	197	199	200	201-202	203	95
94	176-177	180	183	186	188	191	193	195	196	198	199	200	202	94
93	175	179	182	185	187	189-190	192	193-194	195	197	198	---	201	93
92	174	178	181	183-184	186	188	191	192	194	196	197	199	200	92
91	173	177	180	182	185	187	189-190	191	193	195	196	198	199	91
90	172	176	179	181	184	186	188	190	192	194	195	197	198	90
89	171	174-175	177-178	180	183	185	187	189	191	193	194	196	197	89
88	170	173	176	179	182	184	186	188	190	192	193	195	196	88
87	169	172	175	178	181	183	185	187	189	191	192	194	195	87
86	168	171	174	177	180	182	184	186	188	190	191	193	194	86
85	167	170	173	176	179	181	183	185	187	189	190	192	193	85
84	166	169	172	175	178	180	182	184	186	188	189	191	192	84
83	165	168	171	174	177	179	181	183	185	187	188	190	191	83
82	164	167	170	173	176	178	180	182	184	186	187	189	190	82
81	163	166	169	172	175	177	179	181	183	185	186	188	189	81
80	---	---	168	171	174	176	178	180	182	184	185	187	188	80
79	162	165	---	170	173	175	---	---	181	183	---	186	---	79
78	161	164	167	169	172	174	177	179	180	182	184	185	187	78
77	160	163	166	---	171	---	176	178	---	181	183	184	186	77
76	159	162	165	168	170	173	175	177	179	180	182	---	185	76
75	158	161	164	167	169	172	174	176	178	---	181	183	184	75
74	157	160	163	166	168	171	173	175	177	179	180	182	183	74
73	156	159	162	165	---	170	172	174	176	178	179	181	182	73
72	---	158	161	164	167	169	171	173	175	177	178	180	---	72
71	155	---	160	163	166	168	170	172	174	176	---	179	181	71
70	154	157	---	162	165	167	169	171	173	175	177	178	180	70
69	153	156	159	161	164	166	168	---	172	174	176	177	179	69
68	152	155	158	160	163	165	167	170	171	173	175	---	178	68
67	151	154	157	159	162	164	---	169	170	172	174	176	177	67
66	150	153	156	158	161	163	166	168	---	171	173	175	176	66
65	149	152	155	157	160	162	165	167	169	170	172	174	---	65
64	---	151	154	---	159	---	164	166	168	---	171	173	175	64
63	148	---	153	156	158	161	163	165	167	169	---	172	174	63
62	147	150	152	155	---	160	162	164	166	168	170	---	173	62
61	146	149	---	154	157	159	---	---	---	167	169	171	---	61
60	---	148	151	---	156	158	161	163	165	---	168	170	172	60
59	145	---	150	153	155	---	160	162	164	166	---	169	171	59
58	144	147	149	152	154	157	159	161	163	165	167	---	170	58
57	---	146	---	151	---	156	158	160	162	164	166	168	169	57
56	143	---	148	150	153	155	157	159	161	163	165	167	---	56
55	---	145	147	149	152	154	156	158	160	162	164	166	168	55
54	142	144	146	---	151	153	155	157	159	161	163	165	167	54
53	141	143	145	148	150	152	154	156	158	160	162	164	166	53
52	140	142	144	147	149	151	153	155	157	159	161	163	165	52
51	---	---	---	146	148	150	152	154	156	158	160	162	164	51
50	1-139	1-141	1-143	1-145	1-147	1-149	1-151	1-153	1-155	1-157	1-159	1-161	1-163	50

Universal Scale Score to Standard Age Score: Composite (QN)
(ages 11-6 through 14-6; all figures in body of table are Universal Scale Scores)

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
160	311+	312+	313+	314+	315+	316+	317+	318+	319+	319+	320+	320+	321+	160
159	309-310	310-311	311-312	312-313	313-314	314-315	315-316	315-317	316-318	317-318	317-319	318-319	319-320	159
158	307-308	308-309	309-310	310-311	311-312	312-313	312-314	313-314	314-315	314-316	315-316	316-317	316-318	158
157	305-306	306-307	307-308	308-309	308-310	309-311	310-311	311-312	311-313	312-313	313-314	313-315	314-315	157
156	303-304	304-305	305-306	305-307	306-307	307-308	308-309	308-310	309-310	310-311	310-312	311-312	311-313	156
155	301-302	302-303	302-304	303-304	304-305	305-306	305-307	306-307	307-308	307-309	308-309	308-310	309-310	155
154	299-300	299-301	300-301	301-302	302-303	303-304	303-304	304-305	304-306	305-306	305-307	306-307	306-308	154
153	297-298	297-298	298-299	299-300	300-301	300-302	301-302	301-303	302-303	303-304	303-304	304-305	304-305	153
152	294-296	295-296	296-297	297-298	297-299	298-299	299-300	299-300	300-301	300-302	301-302	301-303	302-303	152
151	292-293	293-294	294-295	295-296	295-296	296-297	296-298	297-298	297-299	298-299	298-300	299-300	299-301	151
150	290-291	291-292	292-293	292-294	293-294	293-295	294-295	295-296	295-296	295-297	296-297	296-298	297-298	150
149	288-289	289-290	289-291	290-291	291-292	291-292	292-293	292-294	293-294	293-294	294-295	294-295	295-296	149
148	286-287	286-288	287-288	288-289	288-290	289-290	289-291	290-291	290-292	291-292	291-293	292-293	292-294	148
147	283-285	284-285	285-286	285-287	286-287	287-288	287-288	288-289	288-289	289-290	289-290	290-291	290-291	147
146	281-282	282-283	282-284	283-284	284-285	284-286	285-286	285-287	286-287	286-288	287-288	287-289	288-289	146
145	279-280	279-281	280-281	281-282	281-283	282-283	283-284	283-284	284-285	284-285	285-286	285-286	286-287	145
144	276-278	277-278	278-279	279-280	279-280	280-281	281-282	281-282	282-283	282-283	283-284	283-284	284-285	144
143	274-275	275-276	276-277	276-278	277-278	278-279	278-280	279-280	280-281	280-281	281-282	281-282	282-283	143
142	272-273	273-274	273-275	274-275	275-276	276-277	276-277	277-278	278-279	278-279	279-280	279-280	280-281	142
141	269-271	270-272	271-272	272-273	273-274	273-275	274-275	275-276	275-277	276-277	277-278	277-278	278-279	141
140	267-268	268-269	269-270	270-271	271-272	272	272-273	273-274	274	274-275	275-276	275-276	276-277	140
139	266	267	268	268-269	269-270	270-271	271	272	272-273	273	273-274	274	274-275	139
138	264-265	265-266	266-267	267	268	269	269-270	270-271	271	271-272	272	272-273	273	138
137	262-263	263-264	264-265	265-266	266-267	267-268	268	269	269-270	270	270-271	271	272	137
136	261	262	263	264	265	265-266	266-267	267-268	268	268-269	269	270	270-271	136
135	259-260	260-261	261-262	262-263	263-264	264	265	265-266	266-267	267	267-268	268-269	268-269	135
134	257-258	258-259	259-260	260-261	261-262	262-263	263-264	263-264	264-265	265-266	265-266	266-267	266-267	134
133	255-256	256-257	257-258	258-259	259-260	260-261	261-262	262	262-263	263-264	264	264-265	265	133
132	253-254	254-255	255-256	256-257	257-258	258-259	259-260	260-261	260-261	261-262	262-263	262-263	263-264	132
131	251-252	252-253	254	255	256	256-257	257-258	258-259	259	259-260	260-261	260-261	261-262	131
130	250	251	252-253	253-254	254-255	255	255-256	256-257	257-258	257-258	258-259	258-259	259-260	130
129	248-249	249-250	250-251	251-252	252-253	253-254	253-254	254-255	255-256	255-256	256-257	256-257	257-258	129
128	246-247	247-248	248-249	249-250	250-251	251-252	252	252-253	253-254	254	254-255	255	255-256	128
127	244-245	245-246	246-247	247-248	248-249	249-250	250-251	250-251	251-252	252-253	252-253	253-254	253-254	127
126	242-243	244	245	245-246	246-247	247-248	248-249	249	249-250	250-251	250-251	251-252	251-252	126
125	241	242-243	243-244	244	245	245-246	246-247	247-248	247-248	248-249	249	249-250	249-250	125
124	239-240	240-241	241-242	242-243	243-244	244	245	245-246	246	246-247	247-248	247-248	248	124
123	238	239	240	241	241-242	242-243	243-244	244	244-245	245	245-246	246	246-247	123
122	236-237	237-238	238-239	239-240	240	241	241-242	242-243	243	243-244	244	244-245	245	122
121	235	236	237	237-238	238-239	239-240	240	240-241	241-242	242	242-243	243	243-244	121
120	233-234	234-235	235-236	236	237	238	238-239	239	240	240-241	241	241-242	241-242	120
119	232	233	234	235	235-236	236-237	237	238	238-239	239	239-240	240	240	119
118	230-231	231-232	232-233	233-234	234	235	236	236-237	237	237-238	238	238-239	239	118
117	229	230	231	232	233	233-234	234-235	235	236	236	237	237	238	117
116	227-228	229	229-230	230-231	231-232	232	233	234	234-235	235	235-236	236	236-237	116
115	226	227-228	228	229	230	231	232	232-233	233	233-234	234	235	235	115
114	225	226	227	228	229	230	230-231	231	232	232	233	233-234	234	114
113	224	225	226	227	228	228-229	229	230	230-231	231	232	232	233	113
112	223	224	225	225-226	226-227	227	228	229	229	230	230-231	231	231-232	112
111	221-222	222-223	223-224	224	225	226	227	227-228	228	229	229	230	230	111
110	220	221	222	223	224	225	226	226	227	227-228	228	228-229	229	110
109	219	220	221	222	223	224	224-225	225	226	226	227	227	228	109
108	218	219	220	221	222	222-223	223	224	225	225	226	226	227	108
107	217	218	219	220	221	221	222	223	223-224	224	225	225	225-226	107
106	215-216	216-217	218	218-219	219-220	220	221	222	222	223	223-224	224	224	106

Score	Chronological Age													Score
	11-6	11-9	12-0	12-3	12-6	12-9	13-0	13-3	13-6	13-9	14-0	14-3	14-6	
105	214	215	216-217	217	218	219	220	221	221	222	222	223	223	105
104	213	214	215	216	217	218	219	219-220	220	221	221	222	222	104
103	212	213	214	215	216	217	218	218	219	220	220	221	221	103
102	211	212	213	214	215	216	217	217	218	219	219	220	220	102
101	210	211	212	213	214	215	216	216	217	218	218	219	219	101
100	209	210	211	212	213	214	215	215	216	217	217	218	218	100
99	208	209	210	211	212	213	214	214	215	216	216	217	217	99
98	207	208	209	210	211	212	213	213	214	215	215	216	216	98
97	206	207	208	209	210	211	212	212	213	214	214	215	215	97
96	205	206	207	208	209	210	211	---	212	213	213	214	214	96
95	204	205	206	207	208	209	210	211	211	212	---	213	213	95
94	203	204	205	206	207	208	209	210	---	211	212	212	---	94
93	202	203	204	205	206	207	208	209	210	210	211	211	212	93
92	201	202	203	204	205	206	207	208	209	209	210	210	211	92
91	200	201	202	---	---	205	206	207	208	208	209	---	210	91
90	199	200	---	203	204	---	205	206	207	---	208	209	209	90
89	198	199	201	202	203	204	---	205	206	207	207	208	208	89
88	197	---	200	201	202	203	204	204	205	206	206	207	207	88
87	196	198	199	200	201	202	203	---	204	205	205	206	206	87
86	195	197	198	199	200	201	202	203	203	204	---	205	---	86
85	194	196	197	198	199	200	201	202	202	203	204	204	205	85
84	193	195	196	197	198	199	200	201	---	202	203	203	204	84
83	---	194	195	196	197	198	199	200	201	201	202	---	203	83
82	192	193	194	195	196	197	198	199	200	---	201	202	202	82
81	191	192	193	194	195	196	197	198	199	200	200	201	201	81
80	190	191	192	193	---	---	---	197	198	199	---	200	---	80
79	189	190	---	---	194	195	196	---	---	198	199	199	200	79
78	188	189	191	192	193	194	195	196	197	197	198	---	199	78
77	187	---	190	191	192	193	194	195	196	---	197	198	198	77
76	---	188	189	190	191	---	---	194	195	196	---	197	---	76
75	186	187	188	---	---	192	193	---	---	195	196	196	197	75
74	185	186	187	189	190	191	192	193	194	194	195	---	196	74
73	184	185	---	188	189	190	191	192	193	---	194	195	195	73
72	183	184	186	187	188	189	190	191	192	193	---	194	---	72
71	182	---	185	186	187	---	---	---	191	192	193	193	194	71
70	181	183	184	185	---	188	189	190	---	191	192	---	193	70
69	180	182	183	---	186	187	188	189	190	---	---	192	---	69
68	---	181	---	184	185	186	187	188	189	190	191	---	192	68
67	179	180	182	183	184	---	---	---	---	---	190	191	---	67
66	178	179	181	182	---	185	186	187	188	189	---	190	191	66
65	177	---	180	---	183	184	185	186	187	188	189	---	190	65
64	176	178	179	181	182	183	---	---	---	---	188	189	---	64
63	---	177	---	180	---	---	184	185	186	187	---	---	189	63
62	175	---	178	179	181	182	183	184	185	186	187	188	---	62
61	174	176	177	---	180	181	---	---	---	---	---	187	188	61
60	---	175	---	178	---	---	182	183	184	185	186	---	---	60
59	173	174	176	177	179	180	---	---	---	---	---	---	187	59
58	172	---	175	---	178	---	181	182	183	184	185	186	---	58
57	171	173	---	176	---	179	180	---	---	---	---	---	186	57
56	170	172	174	175	177	---	---	181	182	---	---	185	---	56
55	---	171	173	---	176	178	179	---	---	183	184	---	---	55
54	169	170	172	174	175	177	178	180	181	182	183	184	185	54
53	167-168	169	171	173	174	176	177	179	180	181	182	183	184	53
52	166	168	170	172	173	175	---	178	179	---	---	---	183	52
51	165	167	169	171	---	174	176	177	178	180	181	182	---	51
50	1-164	1-166	1-168	1-170	1-172	1-173	1-175	1-176	1-177	1-179	1-180	1-181	1-182	50

Universal Scale Score to Standard Age Score: Composite (QN)
(ages 14-9 through 18+; all figures in body of table are Universal Scale Scores)

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
160	322+	322+	322+	323+	323+	324+	324+	324+	325+	325+	326+	326+	327+	327+	160
159	319-321	320-321	320-321	320-322	321-322	321-323	321-323	322-323	322-324	323-324	323-325	324-325	324-326	325-326	159
158	317-318	317-319	318-319	318-319	318-320	319-320	319-320	319-321	320-321	320-322	321-322	321-323	322-323	323-324	158
157	314-316	315-316	315-317	315-317	316-317	316-318	317-318	317-318	317-319	318-319	318-320	319-320	320-321	320-322	157
156	312-313	312-314	313-314	313-314	313-315	314-315	314-316	315-316	315-316	315-317	316-317	317-318	317-319	318-319	156
155	309-311	310-311	310-312	311-312	311-312	311-313	312-313	312-314	313-314	313-314	314-315	314-316	315-316	315-317	155
154	307-308	307-309	308-309	308-310	308-310	309-310	309-311	310-311	310-312	311-312	311-313	312-313	312-314	313-314	154
153	304-306	305-306	305-307	306-307	306-307	306-308	307-308	307-309	308-309	308-310	309-310	309-311	310-311	311-312	153
152	302-303	302-304	303-304	303-305	304-305	304-305	304-306	305-306	305-307	306-307	306-308	307-308	308-309	308-310	152
151	300-301	300-301	300-302	301-302	301-303	301-303	302-303	302-304	303-304	303-305	304-305	305-306	305-307	306-307	151
150	297-299	298-299	298-299	298-300	299-300	299-300	300-301	300-301	301-302	301-302	302-303	302-304	303-304	304-305	150
149	295-296	295-297	296-297	296-297	297-298	297-298	297-299	298-299	298-300	299-300	300-301	300-301	301-302	301-303	149
148	293-294	293-294	294-295	294-295	294-296	295-296	295-296	296-297	296-297	297-298	297-299	298-299	299-300	299-300	148
147	290-292	291-292	291-293	292-293	292-293	293-294	293-294	293-295	294-295	295-296	295-296	296-297	296-298	297-298	147
146	288-289	289-290	289-290	290-291	290-291	290-292	291-292	291-292	292-293	292-294	293-294	294-295	294-295	295-296	146
145	286-287	287-288	287-288	287-289	288-289	288-289	289-290	289-290	290-291	290-291	291-292	292-293	292-293	293-294	145
144	284-285	285-286	285-286	285-286	286-287	286-287	287-288	287-288	288-289	288-289	289-290	289-291	290-291	291-292	144
143	282-283	283-284	283-284	283-284	284-285	284-285	285-286	285-286	286-287	286-287	287-288	287-288	288-289	289-290	143
142	280-281	281-282	281-282	281-282	282-283	282-283	283-284	283-284	284-285	284-285	285-286	285-286	286-287	287-288	142
141	278-279	279-280	279-280	279-280	280-281	280-281	281-282	281-282	282-283	282-283	283-284	283-284	284-285	284-286	141
140	276-277	277-278	277-278	278	278-279	278-279	279-280	279-280	280-281	280-281	281-282	281-282	282-283	282-283	140
139	275	275-276	276	276-277	277	277	277-278	278	278-279	279	279-280	280	280-281	281	139
138	273-274	274	274-275	275	275-276	275-276	276	276-277	276-277	277-278	277-278	278-279	278-279	279-280	138
137	272	272-273	273	273-274	273-274	274	274-275	274-275	275	275-276	276	276-277	277	277-278	137
136	271	271	271-272	272	272	272-273	273	273	273-274	274	274-275	275-276	276-277	277-278	136
135	269-270	269-270	270	270-271	270-271	270-271	271-272	271-272	271-272	272-273	272-273	272-273	273-274	273-274	135
134	267-268	267-268	268-269	268-269	268-269	268-269	269-270	269-270	269-270	269-271	270-271	270-271	270-272	271-272	134
133	265-266	265-266	266-267	266-267	266-267	266-267	266-268	267-268	267-268	267-269	267-269	268-269	268-269	268-270	133
132	263-264	263-264	264-265	264-265	264-265	264-265	264-265	264-266	265-266	265-266	265-266	265-266	265-267	266-267	132
131	261-262	261-262	262-263	262-263	262-263	262-263	262-263	262-263	262-264	262-264	263-264	263-264	263-264	263-265	131
130	259-260	259-260	260-261	260-261	260-261	260-261	260-261	260-261	260-261	260-261	261-262	261-262	261-262	261-262	130
129	257-258	258	258-259	258-259	258-259	258-259	258-259	258-259	259	259	259-260	259-260	259-260	259-260	129
128	255-256	256-257	256-257	256-257	256-257	256-257	256-257	257	257-258	257-258	257-258	257-258	257-258	258	128
127	253-254	254-255	254-255	254-255	254-255	255	255	255-256	255-256	255-256	255-256	256	256	256-257	127
126	252	252-253	252-253	252-253	253	253-254	253-254	253-254	253-254	253-254	254	254-255	254-255	254-255	126
125	250-251	250-251	250-251	251	251-252	251-252	251-252	251-252	252	252	252-253	252-253	252-253	253	125
124	248-249	249	249	249-250	249-250	249-250	249-250	250	250-251	250-251	250-251	250-251	251	251-252	124
123	247	247-248	247-248	247-248	247-248	248	248	248-249	248-249	248-249	248-249	249	249-250	249-250	123
122	245-246	245-246	245-246	246	246	246-247	246-247	246-247	246-247	247	247	247-248	247-248	247-248	122
121	243-244	244	244	244-245	244-245	244-245	244-245	245	245	245-246	245-246	245-246	245-246	246	121
120	242	242-243	242-243	243	243	243	243	243-244	243-244	243-244	244	244	244	244-245	120
119	241	241	241	241-242	241-242	242	242	242	242	242	242-243	243	243	243	119
118	239-240	240	240	240	240	240-241	240-241	241	241	241	241	242	242	242	118
117	238	238-239	239	239	239	239	239	239-240	240	240	240	240-241	241	241	117
116	237	237	237-238	237-238	238	238	238	238	238-239	239	239	239	240	240	116
115	235-236	236	236	236	236-237	237	237	237	237	237-238	238	238	238-239	239	115
114	234	234-235	235	235	235	235-236	236	236	236	236	236-237	237	237	237-238	114
113	233	233	234	234	234	234	234-235	234-235	235	235	235	235-236	236	236	113
112	232	232	232-233	232-233	233	233	233	233	233-234	233-234	234	234	234-235	234-235	112
111	230-231	231	231	231	231-232	232	232	232	232	232	232-233	233	233	233	111
110	229	230	230	230	230	230-231	230-231	231	231	231	231	231-232	231-232	232	110
109	228	228-229	229	229	229	229	229	229-230	230	230	230	230	230	230-231	109
108	227	227	227-228	228	228	228	228	228	228-229	228-229	229	229	229	229	108
107	226	226	226	226-227	227	227	227	227	227	227	227-228	228	228	228	107
106	225	225	225	225	225-226	226	226	226	226	226	226	226-227	226-227	227	106

Score	Chronological Age														Score
	14-9	15-0	15-3	15-6	15-9	16-0	16-3	16-6	16-9	17-0	17-3	17-6	17-9	18+	
105	223-224	224	224	224	224	224-225	225	225	225	225	225	225	225	225-226	105
104	222	223	223	223	223	223	223-224	223-224	224	224	224	224	224	224	104
103	221	222	222	222	222	222	222	222	223	223	223	223	223	223	103
102	220	221	221	221	221	221	221	221	222	222	222	222	222	222	102
101	219	220	220	220	220	220	220	220	221	221	221	221	221	221	101
100	218	219	219	219	219	219	219	219	220	220	220	220	220	220	100
99	217	218	218	218	218	218	218	218	219	219	219	219	219	219	99
98	216	217	217	217	217	217	217	217	218	218	218	218	218	218	98
97	---	216	216	216	216	216	216	216	217	217	217	217	217	217	97
96	215	215	215	215	215	215	215	---	216	216	216	216	216	216	96
95	214	214	214	214	214	---	---	215	215	215	215	215	215	215	95
94	213	213	213	---	---	214	214	214	214	214	214	214	214	214	94
93	212	212	---	213	213	213	213	213	213	213	213	213	213	213	93
92	211	211	212	212	212	212	212	212	212	212	212	212	212	212	92
91	210	---	211	211	211	211	211	211	211	211	211	211	211	211	91
90	209	210	210	210	210	210	210	210	210	210	210	210	210	210	90
89	---	209	209	209	209	209	209	209	209	209	209	209	209	209	89
88	208	208	208	208	208	208	208	208	208	208	208	208	208	208	88
87	207	207	207	207	207	207	207	207	207	207	207	207	207	207	87
86	206	206	206	206	---	---	---	---	---	---	---	---	---	---	86
85	205	205	---	---	206	206	206	206	206	206	206	206	206	206	85
84	204	---	205	205	205	205	205	205	205	205	205	205	205	205	84
83	203	204	204	204	204	204	204	204	204	204	204	204	204	204	83
82	---	203	203	203	203	203	203	203	203	203	203	203	203	203	82
81	202	202	202	202	202	202	202	202	202	202	202	202	202	202	81
80	201	201	---	---	---	---	---	---	---	---	---	---	---	---	80
79	200	---	201	201	201	201	201	201	201	201	201	201	201	201	79
78	---	200	200	200	200	200	200	200	200	200	200	200	200	200	78
77	199	199	199	199	---	---	---	---	---	---	---	---	---	---	77
76	198	198	---	---	199	199	199	199	199	199	199	199	199	199	76
75	197	---	198	198	198	198	198	198	198	198	198	198	198	198	75
74	---	197	197	197	197	197	197	197	197	197	197	197	197	197	74
73	196	196	196	---	---	---	---	---	---	---	---	---	---	---	73
72	195	---	---	196	196	196	196	196	196	196	196	196	196	196	72
71	194	195	195	195	195	195	195	195	195	195	195	195	195	195	71
70	---	194	194	---	---	---	---	---	---	---	---	---	---	---	70
69	193	---	---	194	194	194	194	194	194	194	194	194	194	194	69
68	---	193	193	193	193	193	193	193	---	---	---	---	---	---	68
67	192	192	---	---	---	---	---	---	193	193	193	193	193	193	67
66	191	---	192	192	192	192	192	192	192	192	192	192	192	192	66
65	---	191	---	---	---	---	---	---	---	---	---	---	---	---	65
64	190	---	191	191	191	191	191	191	191	191	191	191	191	191	64
63	---	190	190	---	---	---	---	---	---	---	---	---	---	---	63
62	189	---	---	190	190	190	190	190	190	190	190	190	190	---	62
61	---	189	189	189	---	---	---	---	---	---	---	---	---	190	61
60	188	---	---	---	189	189	189	189	189	189	189	---	---	---	60
59	---	188	---	---	---	---	---	---	---	---	---	189	189	189	59
58	187	---	188	188	---	---	---	---	---	---	---	---	---	---	58
57	---	---	---	---	188	188	188	188	188	188	188	188	188	188	57
56	---	187	---	---	---	---	---	---	---	---	---	---	---	---	56
55	186	---	187	187	187	187	187	187	187	187	187	187	187	187	55
54	185	186	186	---	---	---	---	---	---	---	---	---	---	---	54
53	---	185	---	186	186	186	186	186	186	186	186	186	186	186	53
52	184	---	185	185	185	185	185	185	185	185	185	185	185	185	52
51	183	184	184	---	---	---	---	---	---	---	---	---	---	---	51
50	1-182	1-183	1-183	1-184	1-184	1-184	1-184	1-184	1-184	1-184	1-184	1-184	1-184	1-184	50

**Table 30: Universal Scale Score to Grade Percentile Rank—Composite (QN): Fall Norms
(Before December 1st)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	185+	206+	222+	235+	247+	254+	259+	264+	267+	269+	271+	272+	273+	99
98	179-184	200-205	217-221	230-234	241-246	248-253	253-258	257-263	260-266	262-268	264-270	265-271	265-272	98
97	175-178	196-199	213-216	226-229	237-240	243-247	249-252	253-256	256-259	258-261	259-263	260-264	261-264	97
96	172-174	194-195	210-212	223-225	234-236	240-242	246-248	250-252	252-255	254-257	256-258	257-259	257-260	96
95	170-171	191-193	208-209	221-222	231-233	238-239	243-245	247-249	250-251	251-253	253-255	254-256	255-256	95
94	168-169	189-190	206-207	219-220	229-230	236-237	241-242	245-246	247-249	249-250	250-252	251-253	252-254	94
93	167	188	204-205	217-218	227-228	234-235	239-240	243-244	246	247-248	249	250	251	93
92	165-166	186-187	202-203	215-216	226	232-233	237-238	241-242	244-245	246	247-248	248-249	249-250	92
91	164	185	201	214	224-225	231	236	240	242-243	244-245	245-246	246-247	247-248	91
90	162-163	183-184	200	212-213	222-223	229-230	235	238-239	241	243	244	245	246	90
89	---	182	198-199	211	221	228	233-234	237	240	242	243	244	245	89
88	161	181	197	210	220	227	232	236	239	241	242	243	244	88
87	160	180	196	209	219	226	231	235	238	240	241	242	243	87
86	159	179	195	208	218	225	230	234	237	239	240	241	242	86
85	---	178	194	207	217	224	229	233	236	238	239	240	241	85
84	158	---	---	206	216	223	228	232	235	237	238	239	240	84
83	157	177	193	205	215	222	---	231	234	236	237	238	239	83
82	---	176	192	204	---	221	227	---	233	235	---	---	238	82
81	156	175	191	---	214	---	226	230	---	---	236	237	237	81
80	155	---	---	203	213	220	225	229	232	234	235	236	---	80
79	---	174	190	202	212	219	---	---	231	233	---	235	236	79
78	154	173	189	---	---	---	224	228	---	---	234	---	235	78
77	---	---	---	201	211	218	223	227	230	232	233	234	---	77
76	153	172	188	200	---	217	---	---	229	231	---	233	234	76
75	---	---	187	---	210	---	222	226	---	---	232	---	---	75
74	152	171	---	199	209	216	---	---	228	230	231	232	233	74
73	---	170	186	---	---	---	221	225	---	---	---	---	232	73
72	151	---	---	198	208	215	---	224	227	229	230	231	---	72
71	---	169	185	197	---	214	220	---	---	228	---	230	231	71
70	150	---	184	---	207	---	219	223	226	---	229	---	230	70
69	---	168	---	196	206	213	---	---	---	227	---	229	---	69
68	149	---	183	---	---	---	218	222	225	---	228	---	229	68
67	---	167	---	195	205	212	---	---	---	226	---	228	---	67
66	---	---	182	---	---	---	217	221	224	---	227	---	228	66
65	148	166	---	194	204	211	---	---	---	225	226	227	---	65
64	---	---	181	---	---	---	216	220	223	---	---	---	227	64
63	147	165	---	193	203	210	---	---	---	224	225	226	226	63
62	---	---	180	---	---	---	215	219	222	---	---	---	---	62
61	---	---	---	192	202	---	---	---	---	---	---	225	---	61
60	146	164	179	---	---	209	---	---	221	223	224	---	225	60
59	---	---	---	191	201	---	214	218	---	---	---	224	---	59
58	---	163	---	---	---	208	---	---	---	222	223	---	224	58
57	145	---	178	190	---	---	213	217	220	---	---	223	---	57
56	---	---	---	---	200	---	---	---	---	---	---	---	---	56
55	---	162	177	189	---	207	212	216	219	221	222	222	223	55
54	---	---	---	---	199	---	---	---	---	---	---	---	---	54
53	144	161	---	---	---	206	---	---	---	220	221	---	222	53
52	---	---	176	188	198	---	211	215	218	---	---	221	---	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	143	160	175	187	197	205	210	214	217	219	220	220	221	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	---	204	---	---	---	---	---	---	220	48
47	---	159	174	186	196	---	209	213	216	218	219	219	---	47
46	142	---	---	---	---	203	---	---	---	---	---	---	---	46
45	---	---	173	185	195	---	208	212	215	217	218	---	219	45
44	---	158	---	---	---	---	---	---	---	---	---	218	---	44
43	141	---	---	---	---	202	---	---	---	---	---	---	218	43
42	---	157	172	184	194	---	207	211	214	216	217	217	---	42
41	---	---	---	---	---	201	---	---	---	---	---	---	217	41
40	---	---	171	183	---	---	206	---	---	215	216	---	---	40
39	140	156	---	---	193	200	---	210	213	---	---	216	---	39
38	---	---	---	---	---	---	---	---	---	---	---	---	216	38
37	---	---	170	182	192	---	205	---	212	214	215	---	---	37
36	---	155	---	---	---	199	---	209	---	---	---	215	215	36
35	139	---	169	181	---	---	---	---	---	213	214	---	---	35
34	---	---	---	---	191	198	204	208	211	---	---	214	---	34
33	---	154	---	180	---	---	---	---	---	---	---	---	214	33
32	---	---	168	---	190	197	203	---	---	212	213	---	---	32
31	---	---	---	---	---	---	---	207	210	---	---	213	213	31
30	138	153	167	179	189	---	---	---	---	---	212	---	---	30
29	---	---	---	---	---	196	202	206	209	211	---	212	---	29
28	---	---	---	178	188	---	---	---	---	---	---	---	212	28
27	---	152	166	---	---	195	201	---	208	210	211	---	---	27
26	---	---	---	177	---	---	---	205	---	---	---	211	211	26
25	137	---	165	---	187	194	200	---	---	209	210	---	---	25
24	---	151	---	176	---	---	---	204	207	---	---	210	---	24
23	---	---	164	---	186	193	199	---	---	208	209	---	210	23
22	---	150	---	175	---	---	---	203	206	---	---	209	---	22
21	---	---	163	---	185	192	198	---	---	207	---	---	209	21
20	136	---	---	174	---	---	---	202	205	---	208	---	---	20
19	---	149	---	---	184	191	197	---	---	206	---	208	208	19
18	---	---	162	173	183	---	---	201	204	---	207	---	---	18
17	---	148	---	---	---	190	196	200	203	205	---	207	207	17
16	135	---	161	172	182	189	195	---	---	---	206	---	---	16
15	---	---	---	---	---	---	---	199	202	204	205	206	206	15
14	---	147	160	171	181	188	194	---	---	---	---	205	---	14
13	---	---	159	---	180	---	---	198	201	203	204	---	205	13
12	134	146	---	170	179	187	193	197	200	202	203	204	204	12
11	---	---	158	169	---	186	192	196	---	---	---	203	---	11
10	---	145	---	168	178	185	191	---	199	201	202	---	203	10
9	---	---	157	---	177	---	---	195	198	200	201	202	202	9
8	133	144	156	167	176	184	190	194	197	199	---	201	---	8
7	---	143	155	166	175	183	189	193	196	198	200	200	201	7
6	132	---	154	165	174	182	188	192	195	---	199	199	200	6
5	---	142	153	164	173	181	187	191	194	196-197	198	198	199	5
4	131	141	152	163	172	179-180	185-186	190	193	195	196-197	197	198	4
3	---	140	151	161-162	170-171	178	184	188-189	191-192	194	195	196	196-197	3
2	130	138-139	149-150	159-160	168-169	175-177	182-183	186-187	189-190	192-193	193-194	194-195	194-195	2
1	1-129	1-137	1-148	1-158	1-167	1-174	1-181	1-185	1-188	1-191	1-192	1-193	1-193	1

**Table 31: Universal Scale Score to Grade Percentile Rank—Composite (QN): Midyear Norms
(December 1st through February)**

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	191+	210+	226+	238+	248+	255+	261+	265+	267+	269+	271+	272+	273+	99
98	184-190	204-209	220-225	232-237	242-247	249-254	254-260	258-264	261-266	263-268	264-270	265-271	266-272	98
97	180-183	201-203	216-219	229-231	238-241	245-248	250-253	254-257	256-260	258-262	259-263	260-264	261-265	97
96	178-179	198-200	214-215	226-228	235-237	242-244	247-249	251-253	253-255	255-257	256-258	257-259	258-260	96
95	175-177	196-197	211-213	223-225	233-234	239-241	244-246	248-250	250-252	252-254	253-255	254-256	255-257	95
94	174	194-195	209-210	221-222	231-232	237-238	242-243	245-247	248-249	250-251	251-252	252-253	253-254	94
93	172-173	192-193	208	219-220	229-230	235-236	240-241	244	246-247	248-249	249-250	250-251	251-252	93
92	170-171	191	206-207	218	227-228	234	239	242-243	244-245	246-247	247-248	248-249	249-250	92
91	169	189-190	204-205	216-217	226	232-233	237-238	241	243	245	246	247	247-248	91
90	168	188	203	215	224-225	231	236	239-240	242	243-244	244-245	245-246	246	90
89	167	187	202	214	223	230	234-235	238	240-241	242	243	244	245	89
88	166	186	201	213	222	228-229	233	237	239	241	242	243	244	88
87	165	185	200	211-212	221	227	232	236	238	240	241	242	243	87
86	164	184	199	210	220	226	231	235	237	239	240	241	242	86
85	163	183	198	---	219	225	230	234	236	238	239	240	241	85
84	---	182	197	209	218	---	229	233	---	237	238	239	240	84
83	162	181	196	208	217	224	---	232	235	236	---	---	239	83
82	161	180	195	207	216	223	228	231	234	---	237	238	238	82
81	---	---	---	206	---	222	227	---	233	235	236	237	---	81
80	160	179	194	---	215	221	---	230	---	234	235	236	237	80
79	---	178	193	205	214	---	226	229	232	---	---	---	236	79
78	159	---	---	204	---	220	225	---	231	233	234	235	---	78
77	158	177	192	---	213	---	---	228	---	232	233	234	235	77
76	---	176	191	203	212	219	224	---	230	---	---	---	234	76
75	157	---	---	202	---	218	223	227	229	231	232	233	---	75
74	---	175	190	---	211	---	---	226	---	230	---	232	233	74
73	156	---	---	201	210	217	222	---	228	---	231	---	232	73
72	---	174	189	---	---	---	---	225	---	229	230	231	---	72
71	155	---	188	200	209	216	221	---	227	---	---	---	231	71
70	---	173	---	199	---	215	---	224	---	228	229	230	---	70
69	154	---	187	---	208	---	220	---	226	---	---	229	230	69
68	---	172	---	198	---	214	---	223	---	227	228	---	229	68
67	---	---	186	---	207	---	219	---	225	---	---	228	---	67
66	153	171	---	197	---	213	---	222	---	226	227	---	228	66
65	---	---	185	---	206	---	218	---	224	---	---	227	---	65
64	152	170	---	196	---	212	---	221	---	225	226	---	227	64
63	---	---	184	---	205	---	217	---	223	---	---	226	---	63
62	151	169	---	195	---	211	---	220	---	224	225	---	226	62
61	---	---	183	---	204	---	216	---	222	---	---	225	---	61
60	---	168	---	194	---	---	---	219	---	223	224	---	225	60
59	150	---	182	---	203	210	215	---	---	---	---	224	---	59
58	---	167	---	---	---	---	---	---	221	---	---	---	224	58
57	---	---	181	193	202	209	214	218	---	222	223	223	---	57
56	149	---	---	---	---	---	---	---	---	---	---	---	---	56
55	---	166	180	192	201	208	213	217	220	221	222	222	223	55
54	---	---	---	---	---	---	---	---	---	---	---	---	---	54
53	148	165	---	---	---	---	---	---	219	---	221	---	222	53
52	---	---	179	191	200	207	212	216	---	220	---	221	---	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	147	164	178	190	199	206	211	215	218	219	220	220	221	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	189	---	---	---	---	217	---	---	---	220	48
47	---	163	177	---	198	205	210	214	---	218	219	219	---	47
46	146	---	---	---	---	---	---	---	---	---	---	---	---	46
45	---	162	176	188	197	204	209	213	216	217	218	---	219	45
44	---	---	---	---	---	---	---	---	---	---	---	218	---	44
43	145	---	---	187	---	---	---	---	215	---	---	---	218	43
42	---	161	175	---	196	203	208	212	---	216	217	217	---	42
41	---	---	---	186	---	---	---	---	---	---	---	---	217	41
40	---	---	---	---	195	202	---	---	214	---	216	---	---	40
39	144	160	174	---	---	---	207	211	---	215	---	216	---	39
38	---	---	---	185	---	---	---	---	213	---	---	---	216	38
37	---	---	173	---	194	201	---	210	---	---	215	---	---	37
36	---	159	---	184	---	---	206	---	---	214	---	215	215	36
35	143	---	---	---	193	200	---	---	212	---	---	---	---	35
34	---	---	172	183	---	---	205	209	---	213	214	214	---	34
33	---	158	---	---	192	---	---	---	211	---	---	---	214	33
32	---	---	171	---	---	199	---	208	---	---	213	---	---	32
31	142	157	---	182	---	---	204	---	---	212	---	213	213	31
30	---	---	---	---	191	198	---	---	210	---	---	---	---	30
29	---	---	170	181	---	---	203	207	---	211	212	212	---	29
28	---	156	---	---	190	197	---	---	209	---	---	---	212	28
27	141	---	169	180	---	---	202	206	---	---	211	---	---	27
26	---	---	---	---	189	196	---	---	---	210	---	211	211	26
25	---	155	168	179	---	---	201	205	208	---	---	---	---	25
24	---	---	---	---	188	195	---	---	---	209	210	210	---	24
23	140	154	167	---	---	---	---	204	207	---	---	---	210	23
22	---	---	---	178	187	194	200	---	---	208	209	---	---	22
21	---	---	---	---	---	---	199	203	206	---	---	209	209	21
20	---	153	166	177	186	193	---	---	---	207	208	---	---	20
19	139	---	---	176	---	---	198	202	205	---	---	208	208	19
18	---	152	165	---	185	192	---	---	---	206	207	---	---	18
17	---	---	---	175	---	---	197	201	204	---	---	207	---	17
16	---	151	164	---	184	191	---	---	203	205	206	---	207	16
15	138	---	163	174	183	---	196	200	---	---	---	206	206	15
14	---	---	---	---	---	190	195	199	202	204	205	205	---	14
13	---	150	162	173	182	189	---	---	---	203	204	---	205	13
12	137	---	---	172	181	---	194	198	201	---	---	204	---	12
11	---	149	161	---	---	188	193	197	200	202	203	203	204	11
10	---	148	160	171	180	187	---	---	199	201	202	---	203	10
9	136	---	---	170	179	186	192	196	---	---	---	202	---	9
8	---	147	159	169	178	185	191	195	198	200	201	201	202	8
7	135	146	158	168	177	184	190	194	197	199	200	---	201	7
6	---	---	157	167	176	183	189	193	196	198	199	200	200	6
5	134	145	156	166	175	182	188	192	195	197	198	199	199	5
4	---	144	155	165	174	181	187	191	194	196	197	197-198	198	4
3	133	142-143	153-154	163-164	172-173	179-180	185-186	189-190	192-193	194-195	195-196	196	196-197	3
2	132	140-141	151-152	161-162	170-171	177-178	183-184	187-188	190-191	192-193	193-194	194-195	195	2
1	1-131	1-139	1-150	1-160	1-169	1-176	1-182	1-186	1-189	1-191	1-192	1-193	1-194	1

Table 32: Universal Scale Score to Grade Percentile Rank—Composite (QN): Spring Norms (March 1st through July)

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
99	196+	214+	229+	241+	250+	257+	262+	265+	268+	270+	271+	272+	274+	99
98	189-195	209-213	223-228	235-240	244-249	251-256	256-261	259-264	261-267	263-269	264-270	265-271	266-273	98
97	185-188	205-208	220-222	231-234	240-243	246-250	251-255	255-258	257-260	259-262	260-263	260-264	261-265	97
96	183-184	202-204	217-219	228-230	237-239	243-245	248-250	251-254	254-256	255-258	256-259	257-259	258-260	96
95	181-182	200-201	215-216	226-227	235-236	241-242	245-247	248-250	251-253	252-254	253-255	254-256	255-257	95
94	179-180	198-199	213-214	224-225	232-234	238-240	243-244	246-247	248-250	250-251	251-252	252-253	253-254	94
93	177-178	196-197	211-212	222-223	231	237	241-242	244-245	247	248-249	249-250	250-251	251-252	93
92	176	195	209-210	220-221	229-230	235-236	240	243	245-246	246-247	247-248	248-249	249-250	92
91	174-175	193-194	208	219	227-228	233-234	238-239	241-242	243-244	245	246	247	248	91
90	173	192	206-207	217-218	226	232	237	240	242	243-244	244-245	245-246	246-247	90
89	172	191	205	216	225	231	235-236	239	241	242	243	244	245	89
88	171	190	204	215	224	230	234	238	240	241	242	243	244	88
87	170	189	203	214	222-223	229	233	237	239	240	241	242	243	87
86	169	188	202	213	221	228	232	236	238	239	240	241	242	86
85	168	187	201	212	---	227	231	235	237	238	---	240	241	85
84	---	186	200	211	220	226	---	234	236	---	239	239	240	84
83	167	185	199	210	219	225	230	233	235	237	238	---	239	83
82	166	184	---	---	218	224	229	232	234	236	237	238	238	82
81	---	---	198	209	217	---	228	231	---	235	236	237	---	81
80	165	183	197	208	---	223	---	---	233	---	---	236	237	80
79	164	182	196	207	216	222	227	230	232	234	235	---	236	79
78	---	---	---	---	215	---	226	229	---	233	234	235	---	78
77	163	181	195	206	---	221	---	---	231	---	---	234	235	77
76	---	---	---	205	214	220	225	228	230	232	233	---	234	76
75	162	180	194	---	213	---	224	---	---	231	232	233	---	75
74	---	179	193	204	---	219	---	227	229	---	---	---	233	74
73	161	---	---	---	212	---	223	226	---	230	231	232	---	73
72	---	178	192	203	---	218	---	---	228	---	---	231	232	72
71	160	---	---	202	211	217	222	225	---	229	230	---	231	71
70	---	177	191	---	210	---	---	---	227	---	---	230	---	70
69	159	---	190	201	---	216	221	224	---	228	229	---	230	69
68	---	176	---	---	209	---	---	---	226	---	228	229	---	68
67	158	---	189	200	---	215	220	223	---	227	---	228	229	67
66	---	175	---	---	208	---	---	---	225	---	227	---	228	66
65	157	---	188	199	---	214	219	222	---	226	---	227	---	65
64	---	174	---	---	207	---	---	---	224	---	226	---	227	64
63	156	---	187	198	---	213	218	221	---	225	---	226	---	63
62	---	173	---	---	206	---	---	---	223	---	225	---	226	62
61	---	---	186	197	---	---	217	---	---	224	---	225	---	61
60	155	172	---	---	---	212	---	220	222	---	224	---	225	60
59	---	---	185	196	205	---	216	---	---	223	---	224	---	59
58	154	171	---	---	---	211	---	219	---	---	---	---	---	58
57	---	---	184	195	204	---	215	---	221	222	223	223	224	57
56	---	---	---	---	---	---	---	---	---	---	---	---	---	56
55	153	170	---	---	203	210	214	218	220	221	222	---	223	55
54	---	---	183	194	---	---	---	---	---	---	---	222	---	54
53	152	169	---	---	---	209	---	217	---	---	---	---	222	53
52	---	---	182	193	202	---	213	---	219	220	221	221	---	52
51	---	---	---	---	---	---	---	---	---	---	---	---	---	51
50	151	168	181	192	201	208	212	216	218	219	220	220	221	50

PR	Grades													PR
	K	1	2	3	4	5	6	7	8	9	10	11	12	
49	---	---	---	---	---	---	---	---	---	---	---	---	---	49
48	---	---	---	---	200	207	---	215	---	---	---	---	220	48
47	---	167	180	191	---	---	211	---	217	218	219	219	---	47
46	150	---	---	---	---	---	---	---	---	---	---	---	---	46
45	---	166	179	190	199	206	---	214	216	---	218	---	219	45
44	---	---	---	---	---	---	210	---	---	217	---	218	---	44
43	149	---	---	---	198	205	---	---	---	---	---	---	218	43
42	---	165	178	189	---	---	209	213	215	---	217	---	---	42
41	---	---	---	---	---	204	---	---	---	216	---	217	217	41
40	---	164	---	188	197	---	---	212	---	---	---	---	---	40
39	148	---	177	---	---	203	208	---	214	215	216	216	---	39
38	---	---	---	---	196	---	---	---	---	---	---	---	216	38
37	---	163	176	187	---	---	---	211	213	---	215	---	---	37
36	---	---	---	---	---	202	207	---	---	214	---	215	215	36
35	147	---	---	186	195	---	---	210	---	---	---	---	---	35
34	---	162	175	---	---	201	206	---	212	---	214	---	---	34
33	---	---	---	---	194	---	---	---	---	213	---	214	214	33
32	146	161	174	185	---	---	---	209	---	---	---	---	---	32
31	---	---	---	---	193	200	205	---	211	212	213	213	213	31
30	---	---	---	184	---	---	---	208	---	---	---	---	---	30
29	---	160	173	---	---	199	204	---	210	---	212	212	---	29
28	145	---	---	183	192	---	---	---	---	211	---	---	212	28
27	---	159	172	---	---	198	---	207	209	---	211	---	---	27
26	---	---	---	182	191	---	203	---	---	210	---	211	211	26
25	144	---	171	---	---	---	---	206	---	---	---	---	---	25
24	---	158	---	---	190	197	202	---	208	---	210	210	---	24
23	---	---	170	181	---	---	---	205	---	209	---	---	210	23
22	---	157	---	---	189	196	201	---	207	---	209	---	---	22
21	143	---	169	180	---	195	---	204	---	208	---	209	209	21
20	---	---	---	---	188	---	200	---	206	---	208	---	---	20
19	---	156	168	179	---	194	---	203	---	207	---	208	---	19
18	142	---	---	178	187	---	199	---	205	---	207	---	208	18
17	---	155	167	---	186	193	198	202	---	206	---	207	---	17
16	---	---	---	177	---	---	---	201	204	205	206	---	207	16
15	141	154	166	---	185	192	197	---	203	---	---	206	206	15
14	---	---	---	176	---	191	---	200	---	204	205	---	---	14
13	---	153	165	175	184	---	196	---	202	---	204	205	205	13
12	140	---	---	---	183	190	195	199	201	203	---	204	---	12
11	---	152	164	174	---	189	194	198	---	202	203	---	204	11
10	---	---	163	173	182	---	---	197	200	---	202	203	203	10
9	139	151	162	---	181	188	193	---	199	201	---	202	---	9
8	---	150	---	172	180	187	192	196	198	200	201	201	202	8
7	138	149	161	171	179	186	191	195	---	199	200	---	201	7
6	---	---	160	170	178	185	190	194	197	198	199	200	200	6
5	137	148	159	169	177	184	189	193	196	197	198	199	199	5
4	136	147	157-158	167-168	176	182-183	188	192	194-195	196	197	197-198	198	4
3	135	145-146	156	166	174-175	181	186-187	190-191	193	194-195	195-196	196	197	3
2	134	143-144	154-155	163-165	172-173	179-180	184-185	188-189	191-192	192-193	193-194	194-195	195-196	2
1	1-133	1-142	1-153	1-162	1-171	1-178	1-183	1-187	1-190	1-191	1-192	1-193	1-194	1

Table 33: Percentile Ranks, NCEs and Stanine Equivalents of Standard Age Scores

SAS	PR	NCE	Stanine
137-160	99	99	9
136	99	97	9
135	99	96	9
134	98	95	9
133	98	93	9
132	98	92	9
131	97	91	9
130	97	90	9
129	97	88	9
128	96	87	9
127	95	86	8
126	95	84	8
125	94	83	8
124	93	82	8
123	92	80	8
122	92	79	8
121	91	78	8
120	89	76	8
119	88	75	7
118	87	74	7
117	86	72	7
116	84	71	7
115	83	70	7
114	81	68	7
113	79	67	7
112	77	66	7
111	75	64	6
110	73	63	6
109	71	62	6
108	69	61	6
107	67	59	6
106	65	58	6
105	62	57	6
104	60	55	6
103	57	54	5
102	55	53	5
101	52	51	5
100	50	50	5
99	48	49	5
98	45	47	5
97	43	46	5

SAS	PR	NCE	Stanine
96	40	45	4
95	38	43	4
94	35	42	4
93	33	41	4
92	31	39	4
91	29	38	4
90	27	37	4
89	25	36	4
88	23	34	3
87	21	33	3
86	19	32	3
85	17	30	3
84	16	29	3
83	14	28	3
82	13	26	3
81	12	25	3
80	11	24	2
79	9	22	2
78	8	21	2
77	8	20	2
76	7	18	2
75	6	17	2
74	5	16	2
73	5	14	2
72	4	13	1
71	3	12	1
70	3	10	1
69	3	9	1
68	2	8	1
67	2	7	1
66	2	5	1
65	1	4	1
64	1	3	1
50 - 63	1	1	1

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