Technical Report 1101

DIBELS Data System: 2010-2011 Percentile Ranks for DIBELS Next Benchmark Assessments

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In this report we present percentile ranks for DIBELS Next benchmark assessments, based on a nationally representative convenience sample of schools from the DIBELS Data System (DDS) for the 2010-2011 school year. Percentile ranks (or percentiles) are a common metric used to facilitate the interpretation of individual characteristics relative to the distribution of those characteristics in a particular group of people. Percentiles can describe measurable physical characteristics, such as height or weight, as well as more abstract attributes, such as intelligence or reading proficiency. In either case, the validity of the interpretation depends on understanding what is being measured and the norm group being used for comparison.

Recommended Standards for Interpreting Percentile Rank Scores

As an example, consider the issue of interpreting an individual's height—both as a *raw score* (number of centimeters tall) and a *percentile score* (percentile for height). If we know that someone is 164 centimeters tall we have some information about him or her, but we know very little else. Without knowing more about *who the person is* and *to whom they are being compared*, both raw scores and percentiles are difficult to interpret.

On one hand, if a person who is 164 centimeters in height is compared to adult males in the U.S., their score would be considered below the 5th percentile and we could conclude that this person is short, relative to other U.S. adult males (Halls & Hanson, 2000). In contrast, if we compare this person to 12-year-old children in the U.S., their score would fall at the 95th percentile and we could conclude that this person is quite tall, compared to other 12 year-olds in the U.S. (National Center for Health Statistics, 2000). If we used either of the above comparison

groups and the person was actually an adult woman, we might have made an incorrect comparison and would draw the wrong conclusion. When the raw score value of 164 centimeters is compared to adult women in the U.S., the score falls at the 50th percentile for height, which is in the average range (Halls & Hanson, 2000). The same raw score may correspond to very different percentile scores depending on the comparison group.

Educators use percentiles frequently to describe the relative position of student scores on performance-based measures. In all cases, the language used to describe the percentile score should convey the maximum possible information about the group to which the individual is being compared. Consider the following example as a guideline when interpreting student reading performance using the percentiles in this report. If 3rd-grade Jonny performed at the 75th percentile on a commonly accepted measure of Oral Reading Fluency (e.g., DIBELS Oral Reading Fluency), it would be appropriate to say "On a standard assessment of Oral Reading Fluency, Jonny performed as well as or better than *75 percent of other 3rd grade students from DDS schools*."

Percentile scores range from 1 to 99, and these values can be described qualitatively. Table 1 provides low-inference descriptors for various percentile ranges and should be used in conjunction with a description of the comparison group. Therefore, a more complete description of Jonny's percentile above could read, "On a standard assessment of Oral Reading Fluency, Jonny performed as well as or better than 75 percent of other 3rd grade students from DDS schools. This performance places him in the *above average range* compared to students in this sample."

Table 1

Recommended Descriptors Associated with Percentile Ranges

Percentile Range	**Descriptor**
98th percentile and above	Upper Extreme
91st to 97th percentile	Well-Above Average
75th to 90th percentile	Above Average
25th to 74th percentile	Average
9th to 24th percentile	Below Average
3rd to 8th percentile	Well-Below Average
2nd percentile & below	Lower Extreme

Source: Salvia and Ysseldyke (2004); Sattler (2001).

Context of the DIBELS Data System (DDS)

A second critical element needed for interpreting the percentiles provided in this report is an understanding of the DDS itself. The percentiles for DIBELS Next measures were calculated using data entered into the DDS for the 2010-2011 school year. The DDS is a web-based database used by schools and districts to "enter student performance results and create reports based on scores from DIBELS… The use of the DDS allows customers to derive the maximum benefit from the DIBELS measures" (https://dibels.uoregon.edu).

All data in this report were collected and entered by school and district personnel for the purpose of measuring and monitoring their students' reading skills. As a result, control of the data belongs entirely to the respective schools and districts, and we have limited knowledge about the accuracy of the data entered. We did not oversee data entry, data collection, or training of data collectors, and the students who are included in the sample were not systematically or randomly selected for the purpose of producing percentiles. That is, all students in the sample

attended schools that have taken some initiative to measure the reading skills of their students. Students from such schools may or may not be representative of "typical" students in all U.S. public schools.

Despite these limitations, we believe that data in the DDS were collected and entered in good faith, to the best of the abilities of the district and school personnel involved, and that these percentiles provide valuable information for users of the DDS. We have taken several steps to improve the quality of the data. Rather than including *all* data entered into the DDS, we instead employed modest exclusion criteria (described in the *Participants* subsection, pp. 11 - 13). In addition, we have compared participating schools to the U.S. population of public schools as an estimate of the overall representativeness of the sample (see Tables 5 – 18, pp. 27 – 47).

The Method and Results sections are organized around 3 key areas. First, we describe the DIBELS Next measures, the Sentinel Schools Project (SSP) participants who formed the basis for the comparison group in this technical report, and the exclusionary criteria that we applied to the sample. Next, we describe the final, total sample in detail; including the average number of students per district and students per school at each grade level and time of year (pp. 21 – 23); and the demographic information for the complete sample (pp. 23 - 48). In the final section of this report, we list percentile scores for each raw score across all DIBELS Next measures, by grade and time of year (i.e., individual DIBELS Next Measures: pp. 52 - 104; DIBELS Next Composite Score: pp. 105 - 127).

Percentile Method

Measures

DIBELS Next (Good & Kaminski, 2011) benchmark assessments are a collection of measures administered in various combinations from kindergarten through sixth grade. The

DIBELS Next measures focus on essential reading skills in five critical areas of reading achievement: phonemic awareness, phonics, accuracy and fluency with reading connected text, vocabulary, and comprehension (National Reading Panel, 2000). As students become proficient on skills, foundational measures are phased out and measures of more complex skills are introduced. For all measures (except Oral Reading Fluency errors and Daze errors), higher scores indicate higher levels of the desired skill. Each measure is standardized and, with the exception of Daze (a measure that can be administered to groups of students), administered to individual students. Figure 1 depicts the benchmark assessment schedule for DIBELS Next measures.

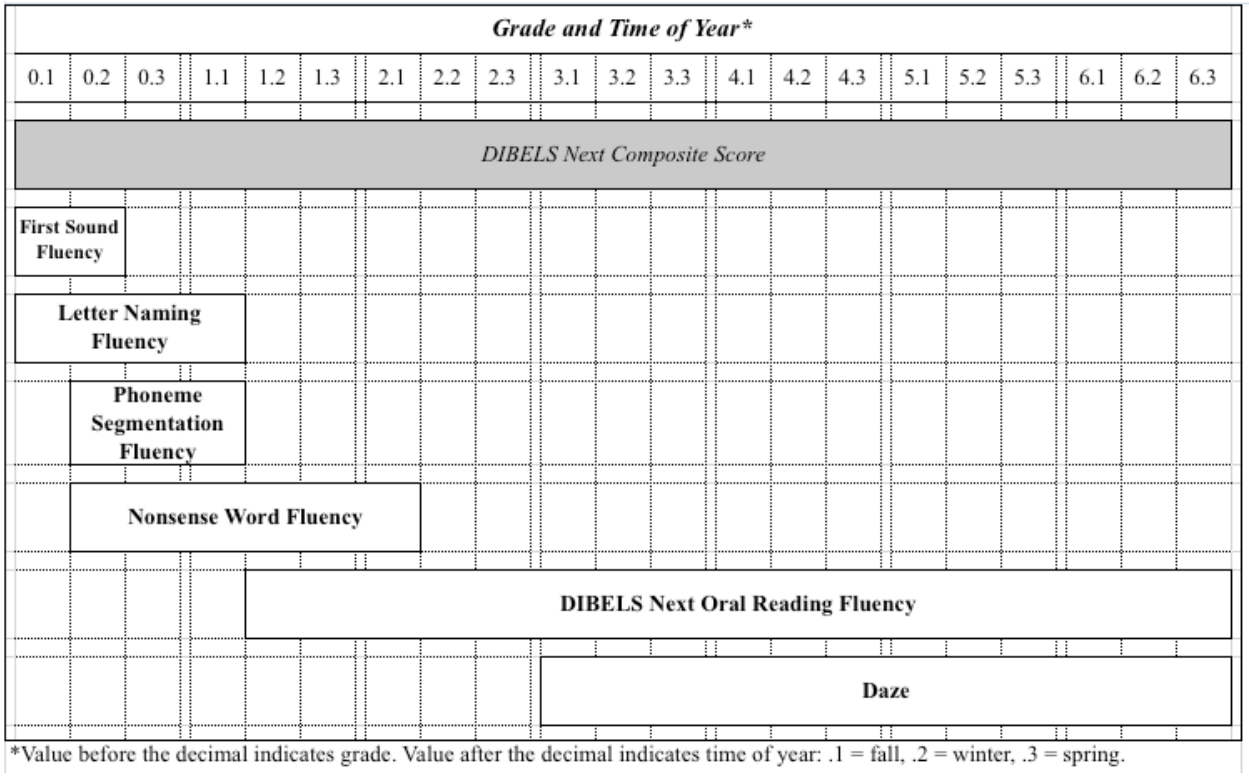

Figure 1. Schedule of DIBELS Next benchmark assessments (Good & Kaminski, 2011).

First Sound Fluency (FSF). This measure (Cummings, Kaminski, Good, & O'Neil, 2011; Good et al., 2011; Kaminski, Baker, Chard, Clarke, & Smith, 2006) taps the construct of phonemic awareness and assesses a child's ability to say the beginning sounds in words. The examiner says a word to the child, and asks the child to name the beginning sound or group of

sounds in that word. Once the child responds, the examiner presents another word, and the process is repeated until 1 minute has elapsed *or* until the last item has been reached. FSF scores are not prorated, so if a child finishes the 30 probe items prior to the 1-minute time limit, their final score consists of their total score at completion. Good and Kaminski (2011) provide a discontinue rule for FSF wherein a total score of 0 is to be recorded for all students who respond incorrectly to the first 5 test items. The total DIBELS Next FSF score corresponds to the number of correct beginning sounds produced. FSF is given in the beginning and middle of kindergarten.

Letter Naming Fluency (LNF). The LNF task (Good & Kaminski, 2002; Good & Kaminski, 2011; Marston & Magnusson, 1988) is a measure of familiarity with letters of the alphabet. Students are presented with a page of upper- and lower-case letters arranged in a stratified order and are asked to name as many letters as they can. Students are told that if they do not know a letter, they will be told the letter. The student is allowed 1 minute to produce as many letter names as s/he can, and the total DIBELS Next LNF score is equal to the number of letters named correctly. LNF scores are not prorated. If a student finishes all of the LNF items on the page before 1 minute has elapsed, they are instructed to stop, and their final score at completion is recorded in to the DDS. If a student responds incorrectly to the first row of LNF items (i.e., the first 10 letters), examiners are instructed to stop and to record a total score of 0 for the measure. LNF is administered throughout kindergarten, and in the fall of grade 1.

Phoneme Segmentation Fluency (PSF). PSF is a test of phonemic awareness (Dynamic Measurement Group, 2008; Good & Kaminski, 2002; Good & Kaminski, 2011; Kaminski & Good, 1996) that assesses a student's ability to fluently segment 3- and 4-phoneme words into their individual phonemes. The examiner administers the PSF task by reading words aloud. Students are required to say the individual phonemes in each presented word. For example, if the

examiner says, “/sat/”, the student would say, “/s/ /a/ /t/” to receive a total of 3 points for the word. After the student responds, the examiner presents the next word, and the total DIBELS Next PSF score is the number of correct phonemes that the student says. PSF is administered without prorating. If all of the PSF items are presented prior to the 1 minute timing, the final score simply consists of the total number of correct phonemes in the child's response. If a student produces 0 correct phonemes in the first 5 words, examiners are instructed to discontinue the PSF task and record a total score of 0 for the student. This measure is administered in the winter and spring of kindergarten, and in the fall of grade 1.

Nonsense Word Fluency (NWF). The NWF task measures knowledge of the alphabetic principle—including both letter-sound correspondence and the ability to blend letters into words in which letters represent their most common sounds (Kaminski & Good, 1996; Good & Kaminski, 2002; Good & Kaminski, 2011). Students are presented with a page of stratified vowel-consonant (VC) and consonant-vowel-consonant (CVC) nonsense words (e.g., sog, rav, ov) and asked to: (a) say the individual letter sound of each letter, or (b) read the whole nonsense word. For example, if the stimulus word is /sog/ the student could say "/s/ /o/ /g/" to obtain a total of 3 letter sounds correct, or say the word "/sog/" to obtain a total of 3 letter sounds correct and 1 whole word read. The student is allowed 1 minute to say as many letter-sounds as s/he can, and the final DIBELS Next NWF score consists of two parts: (i) the number of letter-sounds produced correctly (CLS) and (ii) the number of whole words read (WWR). NWF is not prorated if the student finishes the entire form in less than 1 minute. The discontinue rule for NWF is enforced for any student who produces 0 correct letter sounds in the first row (i.e. the first 5) of items. Examiners are instructed to record a total score of 0 for both CLS and WWR for students

who meet the discontinue rule. NWF is given in the winter and spring of kindergarten, throughout grade 1, and in the fall of grade 2.

Oral Reading Fluency (ORF). ORF is a measure of accuracy and fluency with reading connected text (Children's Educational Services, 1987; Good & Kaminski, 2011; Good, Kaminski, & Dill, 2002). DIBELS Next ORF consists of a set of reading passages that were calibrated to the goal level of reading for each grade and that follow standardized administration procedures (Powell-Smith, Good, & Atkins, 2010). To obtain the benchmark score for ORF, students are asked to read 3 passages aloud, for 1 minute each. Words omitted, substitutions, and hesitations of more than 3 seconds are scored as errors. Words self-corrected within 3 seconds are scored as correct. For benchmark assessments, the DIBELS Next ORF score is composed of the *median number of words* (from the 3 passages) that are read correctly. The DIBELS Next ORF errors score is also composed of the *median number of errors made while reading* (from the 3 passages). The median ORF and ORF errors score are used to compute the overall DIBELS Next ORF reading accuracy score. The median scoring rule is true in all cases where students have *not* met a specified discontinue rule. The discontinue rule for ORF is as follows: (a) if students read 0 words correctly in the first row of the passage, examiners are to discontinue ORF administration immediately and record a score of 0 words correct and the corresponding number of errors as the student's score in the DDS; (b) if students read *fewer than 10 words* correctly in the first passage, neither the second nor the third passage is to be administered. The final scores for a student who met discontinue rule (b) are the number of words correct and the number of errors *from the first passage alone*.

Like all other DIBELS Next measures, ORF is not prorated. Students who finish reading the passage prior to 1 minute are instructed to stop reading, and their final score at completion is

the score that is recorded in the DDS. ORF is administered in the winter and spring of grade 1, and throughout grades 2-6.

Retell. The Retell measure provides a comprehension check for the ORF assessment (Dynamic Measurement Group, 2008; Good & Kaminski, 2002; Good & Kaminski, 2011). It takes approximately 1 minute to administer, and is given after each of the 3 ORF passages read at benchmark—provided that a discontinue rule has not been met (i.e., students should read at least 40 words correctly on the ORF passage in order to be administered Retell). After each passage is read, the examiner asks the child to, "*Tell me all that you can about what you just read*." As in the case of the ORF and ORF errors scores, the final DIBELS Next Retell score is composed of the *median number of words in the child's retell* (from the 3 ORF passages) that are related to the passage. In cases where the discontinue rule has been met (i.e., when students read fewer than 40 words correct on an ORF passage), the DIBELS Next Retell score may consist of the mean of 2 scores (when two Retells are administered) or a single score (when one Retell is administered).

DIBELS-Maze (Daze). Daze is a measure of comprehension in which approximately every 7th word of a passage has been deleted and replaced with a blank (Good et al., 2011; McGraw, 2006). Students have 3 minutes to read the passage silently and complete the sentences by circling one of the three word choices on the page. For each item, one of the words is the correct choice and the other two words are distracters. Reading passages for Daze were developed by a team of authors who were provided story ideas focused on careers and geographic locations within the U.S. All passages were leveled by grade using the same procedures used for the ORF passages. The final DIBELS Next Daze score is equal to the number of items correct adjusted for guessing, as illustrated in Formula 1.

$$\text{Daze Adjusted Score} = \#\ \text{items correct} - \frac{\#\ \text{items incorrect}}{2} \qquad (1)$$

Scores on the Daze measure are not prorated, so that if a student completes the Daze probe prior to the 3-minute time limit, their score at completion is used to estimate their final score. Daze is administered throughout grades 3-6.

DIBELS Next Composite Score. The composite score for DIBELS Next represents an overall summary of student performance based on the requisite measures that are administered at each grade and time point (Good & Kaminski, 2011). The score is comprised of a weighted average of all applicable measures, wherein the specific weights chosen ensure that all DIBELS scores contribute approximately equally to the overall Composite (Good, Powell-Smith, & Kaminski, 2011). The composition of the DIBELS Next Composite score varies by grade, and worksheets to calculate it are available from Dynamic Measurement Group (2010, pp. 19 - 25).

Participants

The DIBELS Next percentiles in this report are based on scores from all students who attended a school that participated in the Sentinel Schools Project (SSP) during the 2010-2011 school year, unless they met specific exclusion criteria (see pp. 23 - 48 of this report for a complete description of the demographic characteristics of this sample). The SSP represents an ongoing effort to include DDS schools as strategic partners in research with the Center on Teaching and Learning (Cummings et al., 2011).

SSP goals. This practice, of strategically sampling institutions within a large population, is taken from public health research where it is used widely (CDC, 1999). The sentinel approach offers the chance to implement specialized procedures and equipment in a real-world setting, and places Sentinel Schools in the DDS in the vanguard on critical issues in education.

The goals of the SSP (2010-2011) were to: (a) develop a mutually beneficial relationship

with a network of schools that are representative of the variation in contexts, student populations, and teaching staff in U.S. schools, and (b) leverage that relationship to inform and improve assessment and instructional practices. We chose to use only the SSP schools in the analyses of system-wide percentiles for DIBELS Next because we have greater knowledge of the assessment and instructional practices in those schools. This consideration was particularly important because the DIBELS Next measures were used for the first time, wide-scale, during the 2010-2011 school year. All SSP schools reported their fidelity of assessment practices with DIBELS Next (Smith et al., 2011). Approximately 35% ($N = 28$) of SSP schools also collected delayed alternate-form reliability checks for all DIBELS Next measures during their winter assessment, and received additional training on appropriate administration and scoring rules (Cummings et al., 2011).

Selection criteria—school level. Students were included in the percentiles sample if: (a) we could identify the National Center for Education Statistics (NCES, 2011) identification number for their school; and (b) we had access to the most recent (2009-2010) NCES data for their school. These two criteria are essential, so that we can describe characteristics of participating schools using NCES data and compare them to schools not included in the sample. Because NCES data for private schools had not been released at the time this report was written, the percentiles in this report include only students who attended U.S. public schools. Of the 84 schools that participated in the SSP project, four were private schools and one school did not have an NCES identification number. These five schools, representing 852 students, were excluded from the percentile calculations in this report.

Selection criteria—student level. In addition to the above school-level criteria, we also excluded individual scores if they exceeded the maximum possible number of items on the probe

(i.e., we assumed that DIBELS Next scores were not prorated nor were any of the measures repeated). This criterion was included due to inconsistencies in the way schools administer and score assessments, and to eliminate extreme data points that are possibly due to random data entry errors. Composite scores were excluded if scores on any of the component measures exceeded the maximum possible score. We also screened out scores that were not possible given students' pattern of performance on other measures (i.e., bivariate illegal values).

Nonsense Word Fluency (NWF). We excluded score pairs (i.e., bivariate illegal values) on the NWF measure if either the Correct Letter Sounds (CLS) score was missing, or if the Whole Words Read (WWR) score was greater than half of the CLS score. For example, if a student had a WWR score of 8 and a CLS score that was less than or equal to 15, both scores were excluded from further analysis.

Oral Reading Fluency (ORF). Values for the ORF-errors score were excluded if the corresponding ORF score was missing. ORF-accuracy scores were not calculated if either the ORF or the ORF-error scores were missing.

Daze. We excluded Daze-error scores if the corresponding Daze Raw score was missing. We did not calculate Daze Adjusted scores if either the Daze or Daze Error scores were missing.

We display the number of available data points for each measure by grade, and the impact of our exclusion criteria on the number of students included in the percentiles, in Table 2. The exclusion criteria resulted in an average reduction in the size of the SSP sample of 0.16%, ranging from a low of 0.0% to a high of 3.76%. We feel that these exclusion criteria are modest and achieve a balance between screening out data that likely are not valid and should not be included, and including all relevant scores.

Table 2

Effect of Selection Criteria on Sample Size

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Kindergarten			
Fall	FSF	4,499	0.00	0.00	4,499
	LNF	4,498	0.00	0.00	4,498
	Composite	4,498	0.00	0.00	4,498
Winter	FSF	4,605	0.00	0.00	4,605
	LNF	4,605	0.00	0.00	4,605
	PSF	4,605	0.04	0.00	4,603
	CLS	4,604	0.00	0.00	4,604
	WWR	4,409	0.00	0.20	4,400
	Composite	4,604	0.04	0.00	4,602
Spring	LNF	4,459	0.00	0.00	4,459
	PSF	4,459	0.07	0.00	4,456
	CLS	4,460	0.00	0.00	4,460
	WWR	4,431	0.00	0.11	4,426
	Composite	4,458	0.07	0.00	4,455

Note. FSF = First Sound Fluency; LNF = Letter Naming Fluency; Composite = DIBELS Next Composite Score; PSF = Phoneme Segmentation Fluency; CLS = Nonsense Word Fluency Correct Letter Sounds; WWR = Nonsense Word Fluency Whole Words Read.

Table 2 (continued)

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Grade 1			
Fall	LNF	4,555	0.00	0.00	4,555
	PSF	4,555	0.00	0.00	4,555
	CLS	4,554	0.00	0.00	4,554
	WWR	4,432	0.00	0.16	4,425
	Composite	4,553	0.00	0.00	4,553
Winter	CLS	4,629	0.00	0.00	4,629
	WWR	4,620	0.00	0.15	4,613
	ORF	4,612	0.00	0.00	4,612
	ORF-E	4,601	0.00	0.00	4,601
	ORF-A	4,601	0.00	0.00	4,601
	Retell	3,250	0.03	0.00	3,249
	Composite	4,592	0.00	0.15	4,585
Spring	CLS	4,496	0.00	0.00	4,496
	WWR	4,496	0.00	0.13	4,490
	ORF	4,495	0.00	0.00	4,495
	ORF-E	4,493	0.00	0.00	4,493
	ORF-A	4,493	0.00	0.00	4,493
	Retell	3,860	0.00	0.00	3,860
	Composite	4,491	0.00	0.13	4,485

Note. LNF = Letter Naming Fluency; PSF = Phoneme Segmentation Fluency; CLS = Nonsense Word Fluency Correct Letter Sounds; WWR = Nonsense Word Fluency Whole Words Read; Composite = DIBELS Next Composite Score; ORF = Oral Reading Fluency; ORF-E = Oral Reading Fluency Errors; ORF-A = Oral Reading Fluency Accuracy; Retell = Retell Fluency.

Table 2 (continued)

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Grade 2			
Fall	CLS	4,235	0.00	0.00	4,235
	WWR	4,235	0.00	0.31	4,222
	ORF	4,231	0.00	0.00	4,231
	ORF-E	4,227	0.00	0.00	4,227
	ORF-A	4,227	0.00	0.00	4,227
	Retell	3,385	0.03	0.00	3,384
	Composite	4,217	0.00	0.31	4,204
Winter	ORF	4,311	0.00	0.00	4,311
	ORF-E	4,309	0.00	0.00	4,309
	ORF-A	4,309	0.00	0.00	4,309
	Retell	3,871	0.15	0.00	3,865
	Composite	4,014	3.76	0.00	3,863
Spring	ORF	4,176	0.00	0.00	4,176
	ORF-E	4,175	0.00	0.00	4,175
	ORF-A	4,175	0.00	0.00	4,175
	Retell	3,866	0.00	0.00	3,866
	Composite	3,944	1.98	0.00	3,866

Note. CLS = Nonsense Word Fluency Correct Letter Sounds; WWR = Nonsense Word Fluency Whole Words Read; Composite = DIBELS Next Composite Score; ORF = Oral Reading Fluency; ORF-E = Oral Reading Fluency Errors; ORF-A = Oral Reading Fluency Accuracy; Retell = Retell Fluency.

Table 2 (continued)

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Grade 3			
Fall	ORF	3,855	0.00	0.00	3,855
	ORF-E	3,855	0.00	0.00	3,855
	ORF-A	3,855	0.00	0.00	3,855
	Retell	3,142	0.06	0.00	3,140
	Daze	3,192	0.00	0.00	3,192
	Daze-E	3,190	0.00	0.00	3,190
	Daze-A	3,190	0.00	0.00	3,190
	Composite	2,967	2.83	0.00	2,883
Winter	ORF	3,889	0.00	0.00	3,889
	ORF-E	3,888	0.00	0.00	3,888
	ORF-A	3,888	0.00	0.00	3,888
	Retell	3,523	0.20	0.00	3,516
	Daze	3,329	0.00	0.00	3,329
	Daze-E	3,328	0.00	0.00	3,328
	Daze-A	3,328	0.00	0.00	3,328
	Composite	2,974	1.85	0.00	2,919
Spring	ORF	3,777	0.00	0.00	3,777
	ORF-E	3,776	0.00	0.00	3,776
	ORF-A	3,776	0.00	0.00	3,776
	Retell	3,502	0.03	0.00	3,501
	Daze	3,181	0.00	0.00	3,181
	Daze-E	3,181	0.00	0.00	3,181
	Daze-A	3,181	0.00	0.00	3,181
	Composite	2,905	0.93	0.00	2,878

Note. ORF = Oral Reading Fluency; ORF-E = Oral Reading Fluency Errors; ORF-A = Oral Reading Fluency Accuracy; Retell = Retell Fluency; Daze = DIBELS Maze; Daze-E = DIBELS Maze Errors; Daze-A = DIBELS Maze Adjusted; Composite = DIBELS Next Composite Score.

Table 2 (continued)

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Grade 4			
Fall	ORF	3,772	0.00	0.00	3,772
	ORF-E	3,670	0.00	0.00	3,670
	ORF-A	3,670	0.00	0.00	3,670
	Retell	3,116	0.19	0.00	3,110
	Daze	3,129	0.00	0.00	3,129
	Daze-E	3,127	0.00	0.00	3,127
	Daze-A	3,127	0.00	0.00	3,127
	Composite	2,912	1.51	0.00	2,868
Winter	ORF	3,840	0.00	0.00	3,840
	ORF-E	3,732	0.00	0.00	3,732
	ORF-A	3,732	0.00	0.00	3,732
	Retell	3,497	0.20	0.00	3,490
	Daze	3,286	0.00	0.00	3,286
	Daze-E	3,284	0.00	0.00	3,284
	Daze-A	3,284	0.00	0.00	3,284
	Composite	2,912	0.89	0.00	2,886
Spring	ORF	3,648	0.00	0.00	3,648
	ORF-E	3,648	0.00	0.00	3,648
	ORF-A	3,648	0.00	0.00	3,648
	Retell	3,397	0.00	0.00	3,397
	Daze	3,117	0.13	0.00	3,113
	Daze-E	3,117	0.00	0.13	3,113
	Daze-A	3,117	0.13	0.00	3,113
	Composite	2,835	0.46	0.00	2,822

Note. ORF = Oral Reading Fluency; ORF-E = Oral Reading Fluency Errors; ORF-A = Oral Reading Fluency Accuracy; Retell = Retell Fluency; Daze = DIBELS Maze; Daze-E = DIBELS Maze Errors; Daze-A = DIBELS Maze Adjusted; Composite = DIBELS Next Composite Score.

Table 2 (continued)

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Grade 5			
Fall	ORF	2,409	0.00	0.00	2,409
	ORF-E	2,409	0.00	0.00	2,409
	ORF-A	2,409	0.00	0.00	2,409
	Retell	1,830	0.22	0.00	1,826
	Daze	1,886	0.00	0.00	1,886
	Daze-E	1,886	0.00	0.00	1,886
	Daze-A	1,886	0.00	0.00	1,886
	Composite	1,743	0.80	0.00	1,729
Winter	ORF	2,435	0.00	0.00	2,435
	ORF-E	2,435	0.00	0.00	2,435
	ORF-A	2,435	0.00	0.00	2,435
	Retell	2,197	0.73	0.00	2,181
	Daze	1,983	0.10	0.00	1,981
	Daze-E	1,980	0.00	0.10	1,978
	Daze-A	1,980	0.10	0.00	1,978
	Composite	1,717	1.05	0.00	1,699
Spring	ORF	2,393	0.00	0.00	2,393
	ORF-E	2,393	0.00	0.00	2,393
	ORF-A	2,393	0.00	0.00	2,393
	Retell	2,160	0.00	0.00	2,160
	Daze	1,966	0.05	0.00	1,965
	Daze-E	1,966	0.00	0.05	1,965
	Daze-A	1,966	0.05	0.00	1,965
	Composite	1,717	0.12	0.00	1,715

Note. ORF = Oral Reading Fluency; ORF-E = Oral Reading Fluency Errors; ORF-A = Oral Reading Fluency Accuracy; Retell = Retell Fluency; Daze = DIBELS Maze; Daze-E = DIBELS Maze Errors; Daze-A = DIBELS Maze Adjusted; Composite = DIBELS Next Composite Score.

Table 2 (continued)

Benchmark time	Measure	Number of Students			
		Sample from SSP schools	% Excluded due to scores above max value	% Excluded due to bivariate illegal values	Final sample size
		Grade 6			
Fall	ORF	1,456	0.00	0.00	1,456
	ORF-E	1,453	0.00	0.00	1,453
	ORF-A	1,453	0.00	0.00	1,453
	Retell	1,078	0.19	0.00	1,076
	Daze	1,081	0.00	0.00	1,081
	Daze-E	1,081	0.00	0.00	1,081
	Daze-A	1,081	0.00	0.00	1,081
	Composite	1,076	0.28	0.00	1,073
Winter	ORF	1,485	0.00	0.00	1,485
	ORF-E	1,485	0.00	0.00	1,485
	ORF-A	1,485	0.00	0.00	1,485
	Retell	1,453	1.10	0.00	1,437
	Daze	1,183	0.00	0.00	1,183
	Daze-E	1,183	0.00	0.00	1,183
	Daze-A	1,183	0.00	0.00	1,183
	Composite	1,091	1.28	0.00	1,077
Spring	ORF	1,484	0.00	0.00	1,484
	ORF-E	1,484	0.00	0.00	1,484
	ORF-A	1,484	0.00	0.00	1,484
	Retell	1,449	0.00	0.00	1,449
	Daze	1,181	0.00	0.00	1,181
	Daze-E	1,180	0.00	0.00	1,180
	Daze-A	1,180	0.00	0.00	1,180
	Composite	1,100	0.00	0.00	1,100

Note. ORF = Oral Reading Fluency; ORF-E = Oral Reading Fluency Errors; ORF-A = Oral Reading Fluency Accuracy; Retell = Retell Fluency; Daze = DIBELS Maze; Daze-E = DIBELS Maze Errors; Daze-A = DIBELS Maze Adjusted; Composite = DIBELS Next Composite Score.

Final total sample sizes. Table 3 displays the total number of districts, and the distribution of the number of students per district, for each grade and time point in our sample. In the first column of the table, we use the value after the decimal point to indicate the time of year: ".1" indicates the beginning of the year, ".2" the middle of the year, and ".3" the end of the year. Because several relatively large districts are included in the SSP, the distribution of the total number of students per district is positively skewed, with the mean noticeably higher than the median. As a result, the median is more representative of the typical participating district in the sample. This value ranges from a low of approximately 38.5 students per district at the beginning of 6th grade to 79 students per district at the middle of kindergarten and middle of first grade.

Table 3

Number of Districts and Participating Students per District in DIBELS Next Percentiles

Grade. Benchmark time	*N* Districts	Number of Participating Students per District						
		Min	Lower Quartile	Median	Upper Quartile	Max	Mean	*SD*
0.1	46	12	36.25	78.50	120.25	376	97.80	83.84
0.2	47	13	35.00	79.00	115.00	376	97.98	83.46
0.3	46	12	35.75	77.00	117.00	363	96.96	83.51
1.1	47	12	37.00	77.00	112.00	397	96.94	87.20
1.2	48	12	36.75	79.00	112.50	399	96.46	85.54
1.3	46	11	38.25	77.50	113.25	390	97.78	85.76
2.1	47	10	39.00	70.00	107.00	373	90.32	78.16
2.2	48	9	39.25	70.50	103.25	374	89.81	78.53
2.3	47	1	36.00	68.00	104.00	372	88.85	79.29
3.1	44	8	37.00	64.50	99.00	368	87.86	79.38
3.2	45	8	36.00	67.00	98.50	375	87.62	79.54
3.3	43	7	36.00	67.00	100.00	373	88.86	80.27
4.1	42	6	34.50	65.50	105.00	356	89.95	81.84
4.2	42	9	40.25	68.00	106.75	362	92.83	81.08
4.3	40	9	36.50	69.00	106.75	350	92.50	81.78

Table 3 (continued)

Grade. Benchmark time	*N* Districts	Number of Participating Students per District						
		Min	Lower Quartile	Median	Upper Quartile	Max	Mean	*SD*
5.1	29	8	28.50	46.00	110.00	389	83.21	86.06
5.2	30	8	28.25	48.00	106.75	402	82.40	87.11
5.3	29	7	30.00	49.00	107.00	401	83.62	87.12
6.1	16	13	28.25	38.50	176.25	340	91.31	98.93
6.2	17	15	27.50	41.00	147.50	346	90.88	97.35
6.3	17	15	27.00	41.00	146.00	343	90.00	96.41

Table 4 displays the number of *schools*, and the distribution of the number of students per school, included in the sample for each grade and time point. These distributions show relatively little skew, and the mean in most cases is roughly equivalent to the median. The mean number of students participating per school is about 61, with mean values that range from a low of 54.84 in the beginning of 5th grade to a high of 64.86 in the middle of kindergarten.

Table 4

Number of Schools and Participating Students per School

Grade. Benchmark time	*N* Schools	Number of Participating Students per School						
		Min	Lower Quartile	Median	Upper Quartile	Max	Mean	*SD*
0.1	70	12	36.75	58.00	81.00	213	64.27	38.52
0.2	71	13	37.00	59.00	80.00	214	64.86	37.92
0.3	70	12	36.00	56.00	77.00	220	63.71	38.28
1.1	71	12	38.00	57.00	80.00	288	64.17	42.81
1.2	72	12	39.00	56.50	81.00	262	64.31	40.45
1.3	70	11	39.00	57.00	79.50	252	64.26	39.64
2.1	70	10	40.00	54.00	70.25	235	60.64	37.63
2.2	71	9	42.00	55.00	72.00	251	60.72	38.55
2.3	70	1	40.75	52.50	72.25	244	59.66	38.17
3.1	66	8	41.50	51.00	74.50	164	58.58	30.58
3.2	67	8	42.00	52.00	75.00	166	58.85	30.75
3.3	65	7	41.50	54.00	75.00	166	58.78	30.43

Table 4 (continued)

Grade. Benchmark time	*N* Schools	Number of Participating Students per School						
		Min	Lower Quartile	Median	Upper Quartile	Max	Mean	*SD*
4.1	64	6	37.00	56.00	73.75	180	59.03	33.49
4.2	64	9	41.00	57.50	75.25	182	60.92	33.04
4.3	62	9	40.00	55.50	76.25	181	59.68	33.27
5.1	44	8	35.00	46.00	65.25	198	54.84	35.84
5.2	45	8	32.00	48.00	67.50	206	54.93	36.20
5.3	44	7	32.50	47.50	69.75	199	55.09	36.15
6.1	23	13	31.00	45.00	87.00	222	63.52	54.11
6.2	24	15	32.50	47.50	82.00	219	64.38	52.66
6.3	24	15	32.50	46.50	81.25	211	63.75	51.46

Participant demographic information. When interpreting the demographic data in the pages that follow (pp. 23 – 48; Tables 5 – 11; 12 – 18), two considerations are critical. First, demographic data are reported from a secondary data source: the National Center for Education Statistics (NCES, 2011). Second, we have matched participating schools to NCES information from the *prior year* (2009-2010), which is the most current year of NCES data available at the time of this report (i.e., September, 2011). Estimates of participation, as well as the demographic data that follow, should be interpreted with caution, as we have used the best available data, but data that are asynchronous.

***Percent of students within schools who are assessed at benchmark*.** Participating DDS schools are encouraged to assess and enter DIBELS data for all children, at each grade level, during three benchmark assessment periods (i.e., beginning, middle, and end) each school year. We can assess the validity of this assumption for each school in our sample by calculating an overall *participation rate.* We define participation rate by dividing the total number of students with DIBELS data in the fall, for each grade, by the number of students enrolled in each grade as reported to NCES. If this percentage is large, it would indicate that the school assessed most of

their students, at all ranges of skill level. If the percentage is low, schools may be selecting only certain subgroups of students to test. Recall that, in our sample, enrollment numbers are reported for 2009-2010, while DIBELS Next data were collected in 2010-2011. Fluctuations in yearly enrollment numbers can drastically impact these percentages, particularly in small schools.

We defined the number of students assessed with DIBELS Next as the total number of students with entered fall data for LNF in grade K, CLS in grade 1, and ORF in grades 2 – 6. We elected to use the number of fall data points because NCES enrollment numbers are also reported as of October 1st of each school year. With these considerations, we determined the median student participation rate at 97% (range = 51% – 123%). Figure 2 shows box plots of these participation rates for each grade.

As a second estimate of school-level participation in the DDS, we report data from an *Assessment Fidelity survey* (see Smith et al., 2011 for a complete description of the survey and all results) that was completed by the assessment coordinator at each participating Sentinel School after fall benchmark data collection in 2010. According to these survey results, 97% of schools report administering DIBELS at benchmark to all students in participating grades, including students with IEPs. Of the two schools that report some level of exclusionary criteria, one school reported that they excluded some students with IEPs (percentage not specified). The second school reported that they excluded a portion of their English Learners in grades k – 2 (i.e., range = 20 – 50%), but no students with IEPs were excluded. Future research is needed to examine the viability of both the survey approach and the NCES calculation procedure for estimating participation rates at the school level (see Cummings, Otterstedt, Kennedy, Baker, & Kame'enui, 2011 for a description of decision rules using NCES estimates of DDS participation rates with DIBELS 6th edition data).

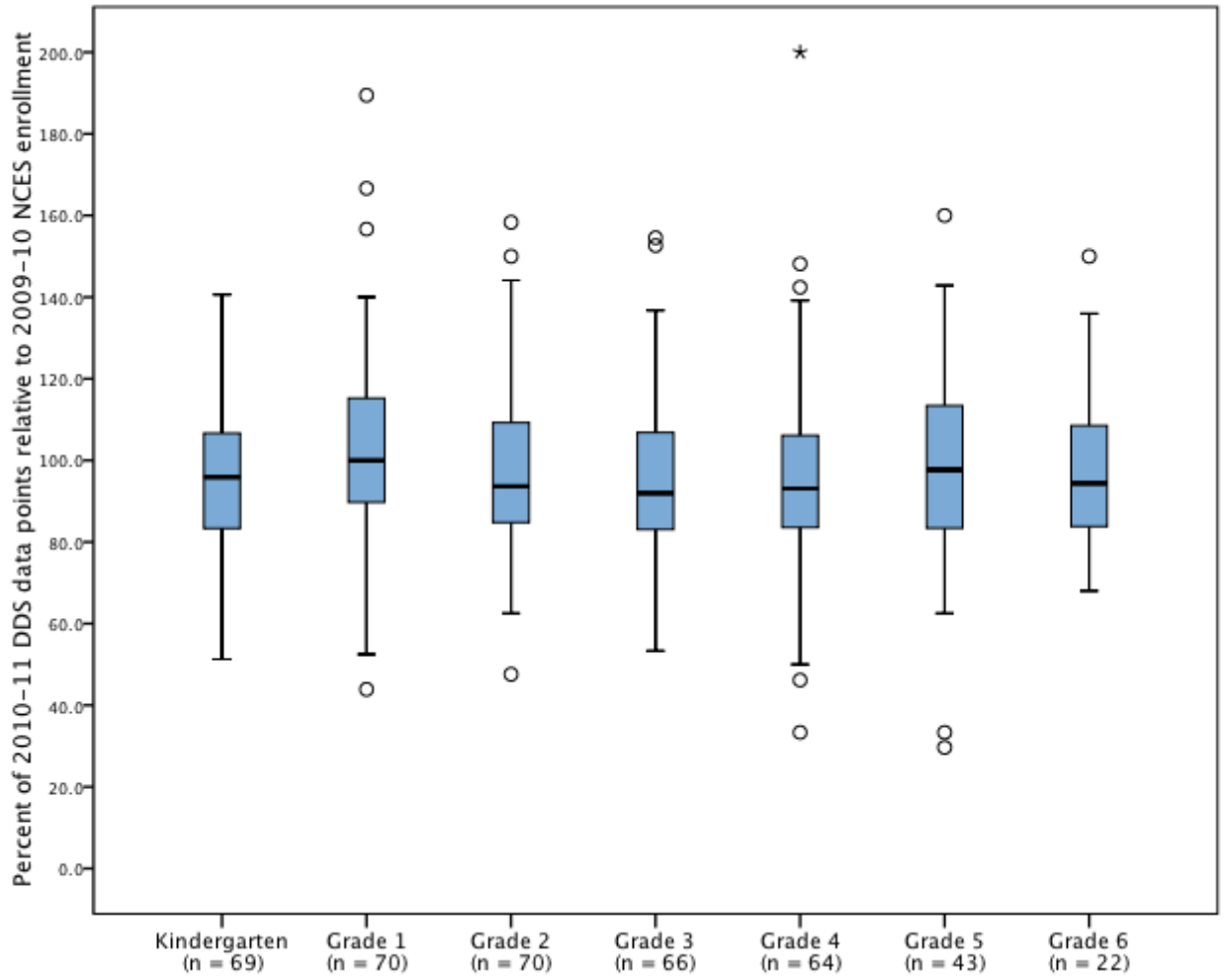

Figure 2. 2010-2011 DDS participation rates relative to 2009-2010 NCES enrollments by grade.

School characteristics. We can describe various characteristics of schools in our sample using the NCES data from 2009-2010 (NCES, 2011). The comparability of SSP and all other non-SSP schools in the U.S. is presented in the two right-most columns in Tables 5 through 11, by grade. The composition of all U.S. public schools and the DDS as a whole is listed in the first two columns, for an additional point of reference. Some differences are noticeable. Overall, SSP schools are distributed differently throughout the country, with significantly more SSP schools found in the Midwest and significantly fewer SSP schools found in the South, relative to other, non-participating U.S. schools. In kindergarten, there are also significantly more SSP schools located in the Northeast [X^2 (3, N = 51,152) =17.75, p = .0005]. Other differences in geographic

location exist, but vary by grade. Additional school characteristics, such as location relative to population centers and school type, are also presented in the tables that follow. Overall, it appears that SSP schools are found in more rural areas. In grades k – 2, SSP schools are very similar to all other non-SSP schools in the U.S. based on their Schoolwide Title I eligibility[1] (*Mdn* = 57% eligible for SSP schools; 55% eligible for non-SSP schools). In grades 3 – 6, SSP schools have *larger* Schoolwide Title I percentages than other non-SSP schools in the country (*Mdn*= 64% eligible for SSP schools; 55% eligible for non-SSP schools).

SSP schools display some marked differences from U.S. public schools in terms of race and ethnicity. One particularly noticeable difference is that, on average, SSP schools report a higher percentage of White students [2](70.7% White) compared with other, non-SSP U.S. schools (54.5% White). This difference results in a medium effect size (.46) using Cohen's (1992) standards. Data regarding other similarities and differences between SSP, DDS, and U.S. public schools in terms of gender, race/ethnicity, and student-to-teacher ratio are reported for each grade in Tables 12 through 18.

[1] Title 1 provides financial assistance to local educational agencies and schools with high numbers or high percentages of children from low-income families to help ensure that all children meet challenging state academic standards http://www2.ed.gov/programs/titleiparta/index.html.

[2] The example presented here is based on the respective percentages in kindergarten, however the pattern of a greater number of White students in SSP schools compared with non-SSP schools hold true across all grades 1-6.

Table 5

Characteristics of Schools with Kindergarten Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Kindergarten (*n*=51,151)	DDS: Public Schools with Kindergarten Data (*n* = 9,798)	SSP: Public Schools with Kindergarten Data (*n*=71)	NCES: Non-SSP Public Schools Offering Kindergarten (*n*=51,081)
Geographic Region				
Northeast	15.90	16.02	21.13	15.89
Midwest	25.01	25.76	40.85	24.99
South	33.82	28.04	12.68	33.85
West	25.27	30.18	25.35	25.27
Location relative to population centers				
City, Large	15.22	8.70	5.63	15.24
City, Midsize	6.47	4.97	0.00	6.48
City, Small	7.49	6.89	11.27	7.48
Suburb, Large	24.37	22.73	8.45	24.39
Suburb, Midsize	2.85	2.63	5.63	2.84
Suburb, Small	1.88	1.82	1.41	1.89
Town, Fringe	1.57	2.13	0.00	1.57
Town, Distant	5.61	7.01	15.49	5.59
Town, Remote	3.73	5.99	7.04	3.73
Rural, Fringe	12.06	12.92	21.13	12.04
Rural, Distant	11.71	15.35	19.72	11.70
Rural, Remote	6.76	8.72	4.23	6.76
Schoolwide Title 1 Eligible	55.10	56.10	56.34	55.10
Charter School	5.09	3.20	2.82	5.09
Type				
Regular school	98.20	99.40	98.59	98.20
Special Education school	0.99	0.13	1.41	0.99
Vocational education school	0.02	0.01	0.00	0.02
Alternative/other school	0.79	0.46	0.00	0.79

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 6

Characteristics of Schools with Grade 1 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Grade 1 (*n*=51,819)	DDS: Public Schools with Grade 1 Data (*n* = 10,160)	SSP: Public Schools with Grade 1 Data (*n*=72)	NCES: Non-SSP Public Schools Offering Grade 1 (*n*=51,748)
Geographic Region				
Northeast	16.01	15.72	20.83	16.01
Midwest	25.13	26.97	40.28	25.11
South	33.73	27.25	12.50	33.76
West	25.12	30.06	26.39	25.12
Location relative to population centers				
City, Large	15.10	8.77	5.56	15.12
City, Midsize	6.43	4.88	0.00	6.44
City, Small	7.46	7.10	11.11	7.45
Suburb, Large	24.53	22.56	8.33	24.56
Suburb, Midsize	2.87	2.67	5.56	2.86
Suburb, Small	1.91	1.83	1.39	1.91
Town, Fringe	1.56	2.09	0.00	1.57
Town, Distant	5.64	7.01	15.28	5.62
Town, Remote	3.82	5.99	6.94	3.81
Rural, Fringe	12.07	12.86	22.22	12.06
Rural, Distant	11.64	15.30	19.44	11.63
Rural, Remote	6.70	8.80	4.17	6.70
Schoolwide Title 1 Eligible	54.99	56.07	56.94	54.99
Charter School	5.08	3.14	2.78	5.08
Type				
Regular school	97.95	99.37	98.61	97.95
Special Education school	1.11	0.16	1.39	1.11
Vocational education school	0.01	0.01	0.00	0.01
Alternative/other school	0.93	0.46	0.00	0.93

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 7

Characteristics of Schools with Grade 2 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Grade 2 (*n*=51,903)	DDS: Public Schools with Grade 2 Data (*n* = 9,688)	SSP: Public Schools with Grade 2 Data (*n*=71)	NCES: Non-SSP Public Schools Offering Grade 2 (*n*=51,832)
Geographic Region				
Northeast	16.00	15.53	19.72	15.99
Midwest	25.17	26.52	40.85	25.15
South	33.76	27.26	12.68	33.78
West	25.08	30.69	26.76	25.08
Location relative to population centers				
City, Large	15.04	8.83	5.63	15.05
City, Midsize	6.43	5.01	0.00	6.44
City, Small	7.45	7.26	11.27	7.44
Suburb, Large	24.59	21.25	8.45	24.61
Suburb, Midsize	2.87	2.60	4.23	2.87
Suburb, Small	1.91	1.88	1.41	1.91
Town, Fringe	1.57	2.11	0.00	1.57
Town, Distant	5.65	7.08	15.49	5.63
Town, Remote	3.80	6.09	7.04	3.80
Rural, Fringe	12.11	12.88	23.94	12.09
Rural, Distant	11.63	15.86	18.31	11.62
Rural, Remote	6.68	9.01	4.23	6.68
Schoolwide Title 1 Eligible	54.98	57.49	57.75	54.98
Charter School	5.04	3.25	2.82	5.05
Type				
Regular school	97.80	99.29	98.59	97.80
Special Education school	1.21	0.23	1.41	1.21
Vocational education school	0.01	0.00	0.00	0.01
Alternative/other school	0.98	0.49	0.00	0.99

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 8

Characteristics of Schools with Grade 3 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Grade 3 (*n*=51,881)	DDS: Public Schools with Grade 3 Data (*n* = 7952)	SSP: Public Schools with Grade 3 Data (*n*=67)	NCES: Non-SSP Public Schools Offering Grade 3 (*n*=51,814)
Geographic Region				
Northeast	15.86	13.15	16.42	15.85
Midwest	25.18	26.01	43.28	25.16
South	33.80	26.26	13.43	33.82
West	25.17	34.58	26.87	25.16
Location relative to population centers				
City, Large	14.97	8.46	5.97	14.98
City, Midsize	6.42	5.14	0.00	6.43
City, Small	7.46	7.02	11.94	7.46
Suburb, Large	24.59	20.42	7.46	24.62
Suburb, Midsize	2.88	2.77	4.48	2.88
Suburb, Small	1.89	1.92	1.49	1.90
Town, Fringe	1.57	2.11	0.00	1.57
Town, Distant	5.63	7.16	16.42	5.61
Town, Remote	3.78	6.28	7.46	3.78
Rural, Fringe	12.22	12.65	22.39	12.21
Rural, Distant	11.63	15.69	17.91	11.62
Rural, Remote	6.68	10.20	4.48	6.68
Schoolwide Title 1 Eligible	54.90	57.48	61.19	54.89
Charter School	4.97	3.31	2.99	4.98
Type				
Regular school	97.67	99.23	98.51	97.66
Special Education school	1.26	0.19	1.49	1.26
Vocational education school	0.01	0.00	0.00	0.01
Alternative/other school	1.06	0.58	0.00	1.07

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 9

Characteristics of Schools with Grade 4 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Grade 4 (*n*=51,635)	DDS: Public Schools with Grade 4 Data (*n* = 5,387)	SSP: Public Schools with Grade 4 Data (*n*=65)	NCES: Non-SSP Public Schools Offering Grade 4 (*n*=51,570)
Geographic Region				
Northeast	15.64	11.75	13.85	15.64
Midwest	25.15	31.54	44.62	25.12
South	33.88	17.67	13.85	33.91
West	25.33	39.04	27.69	25.32
Location relative to population centers				
City, Large	15.06	6.89	6.15	15.07
City, Midsize	6.48	5.03	0.00	6.49
City, Small	7.49	6.81	12.31	7.48
Suburb, Large	24.50	19.08	7.69	24.52
Suburb, Midsize	2.85	2.86	4.62	2.85
Suburb, Small	1.89	1.84	1.54	1.89
Town, Fringe	1.57	2.19	0.00	1.57
Town, Distant	5.54	7.07	16.92	5.52
Town, Remote	3.73	7.82	7.69	3.72
Rural, Fringe	12.25	13.24	21.54	12.24
Rural, Distant	11.65	15.24	16.92	11.65
Rural, Remote	6.70	11.71	4.62	6.71
Schoolwide Title 1 Eligible	54.83	56.10	63.08	54.82
Charter School	4.97	3.20	3.08	4.97
Type				
Regular school	97.45	99.54	98.46	97.44
Special Education school	1.33	0.30	1.54	1.33
Vocational education school	0.01	0.00	0.00	0.01
Alternative/other school	1.21	0.17	0.00	1.21

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 10

Characteristics of Schools with Grade 5 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Grade 5 (*n*=50,403)	DDS: Public Schools with Grade 5 Data (*n* = 4,538)	SSP: Public Schools with Grade 5 Data (*n*=45)	NCES: Non-SSP Public Schools Offering Grade 5 (*n*=50,359)
Geographic Region				
Northeast	15.21	10.25	17.78	15.21
Midwest	24.77	31.12	37.78	24.76
South	33.81	15.27	6.67	33.84
West	26.20	43.37	37.78	26.20
Location relative to population centers				
City, Large	15.48	6.88	2.22	15.49
City, Midsize	6.67	5.60	0.00	6.68
City, Small	7.50	7.56	15.56	7.50
Suburb, Large	24.19	19.46	8.89	24.20
Suburb, Midsize	2.81	2.38	6.67	2.81
Suburb, Small	1.86	1.92	2.22	1.86
Town, Fringe	1.52	2.27	0.00	1.52
Town, Distant	5.43	6.70	22.22	5.42
Town, Remote	3.58	7.58	6.67	3.58
Rural, Fringe	12.21	12.60	20.00	12.21
Rural, Distant	11.69	14.81	11.11	11.69
Rural, Remote	6.78	12.01	4.44	6.78
Schoolwide Title 1 Eligible	54.64	56.17	64.44	54.63
Charter School	5.29	3.11	4.44	5.29
Type				
Regular school	97.18	99.56	100.00	97.17
Special Education school	1.40	0.26	0.00	1.41
Vocational education school	0.01	0.00	0.00	0.01
Alternative/other school	1.40	0.18	0.00	1.41

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 11

Characteristics of Schools with Grade 6 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 National Center for Education Statistics (NCES) Data

	NCES: All Public Schools Offering Grade 6 (*n*=35,085)	DDS: Public Schools with Grade 6 Data (*n* = 1,894)	SSP: Public Schools with Grade 6 Data (*n*=24)	NCES: Non-SSP Public Schools Offering Grade 6 (*n*=35,062)
Geographic Region				
Northeast	15.36	9.87	12.50	15.36
Midwest	26.48	30.62	50.00	26.47
South	29.52	10.30	8.33	29.54
West	28.63	49.21	29.17	28.63
Location relative to population centers				
City, Large	15.03	9.13	0.00	15.04
City, Midsize	5.73	4.22	0.00	5.74
City, Small	6.51	4.86	20.83	6.50
Suburb, Large	21.31	21.49	12.50	21.32
Suburb, Midsize	2.48	1.58	4.17	2.48
Suburb, Small	1.81	0.84	0.00	1.81
Town, Fringe	1.68	1.21	0.00	1.69
Town, Distant	5.94	4.54	8.33	5.94
Town, Remote	3.78	5.49	8.33	3.78
Rural, Fringe	12.05	9.93	16.67	12.05
Rural, Distant	13.90	18.00	20.83	13.90
Rural, Remote	9.38	18.16	8.33	9.38
Schoolwide Title 1 Eligible	50.73	54.65	70.83	50.71
Charter School	7.73	5.17	4.17	7.73
Type				
Regular school	94.56	99.31	100.00	94.56
Special Education school	2.11	0.32	0.00	2.11
Vocational education school	0.02	0.00	0.00	0.02
Alternative/other school	3.31	0.37	0.00	3.31

Note. All reported values are expressed as percentages. Data source: NCES (2011).

Table 12

Descriptive Data for Sentinel Schools Project (SSP) Schools with Kindergarten Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
Male	All	.509	.108	-.255	7.876	.000	.463	.510	.556	1.000	.581	.960	51,124
	DDS	.501	.111	-1.378	6.021	.000	.462	.510	.558	1.000	.276	.215	9,789
	SSP	.509	.096	-1.191	6.403	.061	.464	.515	.556	.741	1.429	1.429	70
	Non-SSP	.509	.108	-.254	7.877	.000	.463	.510	.556	1.000	.582	.962	51,054
Female	All	.470	.108	-.693	7.687	.000	.429	.475	.522	1.000	1.082	.548	51,124
	DDS	.462	.109	-1.214	5.872	.000	.422	.471	.519	1.000	.511	.204	9,789
	SSP	.445	.079	-1.381	4.906	.098	.406	.452	.500	.622	1.429	1.429	70
	Non-SSP	.470	.108	-.693	7.686	.000	.429	.476	.522	1.000	1.083	.548	51,054
American Indian / Alaskan Native	All	.021	.104	7.852	65.814	.000	.000	.000	.006	1.000	74.128	.642	51,124
	DDS	.024	.104	7.456	60.650	.000	.000	.000	.011	1.000	70.416	.490	9,789
	SSP	.024	.115	6.609	47.346	.000	.000	.000	.009	.885	72.857	1.429	70
	Non-SSP	.021	.104	7.854	65.854	.000	.000	.000	.006	1.000	74.129	.642	51,054
Asian / Pacific Islander	All	.043	.095	4.913	31.417	.000	.000	.011	.043	1.000	45.662	.043	51,124
	DDS	.031	.084	6.903	58.747	.000	.000	.000	.032	.976	50.404	.010	9,789
	SSP	.014	.023	2.701	9.337	.000	.000	.000	.021	.130	52.857	1.429	70
	Non-SSP	.043	.095	4.910	31.376	.000	.000	.011	.044	1.000	45.652	.043	51,054
Hispanic	All	.204	.271	1.515	1.178	.000	.015	.075	.286	1.000	21.035	.751	51,124
	DDS	.135	.208	2.174	4.294	.000	.000	.045	.160	1.000	25.089	.174	9,789
	SSP	.101	.164	2.410	6.203	.000	.000	.031	.145	.833	25.714	1.429	70
	Non-SSP	.204	.271	1.514	1.174	.000	.015	.075	.287	1.000	21.029	.752	51,054
Black	All	.156	.253	2.081	3.407	.000	.000	.041	.175	1.000	28.984	1.592	51,124
	DDS	.145	.253	2.213	3.915	.000	.000	.030	.145	1.000	32.557	1.686	9,789
	SSP	.102	.222	2.799	7.300	.000	.000	.013	.047	.914	47.143	1.429	70
	Non-SSP	.156	.253	2.080	3.404	.000	.000	.041	.175	1.000	28.960	1.594	51,054

Table 12 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	*%*Min	*%*Max	*N*
White	All	.546	.350	-.290	-1.398	.000	.191	.617	.873	1.000	7.077	6.474	51,124
	DDS	.621	.328	-.635	-.980	.000	.362	.725	.906	1.000	4.525	7.130	9,789
	SSP	.707	.292	-.961	-.334	.052	.472	.806	.948	1.000	1.429	10.000	70
	Non-SSP	.545	.350	-.289	-1.398	.000	.191	.617	.873	1.000	7.087	6.470	51,054
Hawaiian Native / Pacific Islander	All	.004	.015	25.582	1392.94	.000	.000	.000	.000	1.000	84.130	.007	13,642
	DDS	.003	.013	12.581	217.078	.000	.000	.000	.000	.273	89.881	.060	1,680
	SSP	.000	.000	.000	.000	.000	.000	.000	.000	.000	100.000	.000	10
	Non-SSP	.004	.015	25.573	1392.01	.000	.000	.000	.000	1.000	84.118	.007	13,632
Two or more races	All	.034	.075	6.862	66.805	.000	.000	.011	.044	1.000	46.049	.088	13,642
	DDS	.032	.064	7.619	94.469	.000	.000	.011	.044	1.000	48.452	.119	1,680
	SSP	.030	.022	-.010	-1.220	.000	.011	.032	.049	.065	20.000	10.000	10
	Non-SSP	.034	.075	6.860	66.761	.000	.000	.011	.044	1.000	46.068	.088	13,632
Race / ethnicity unknown / not reported	All	.021	.092	8.058	70.830	.000	.000	.000	.000	.989	79.280	.002	51,124
	DDS	.038	.145	5.212	26.911	.000	.000	.000	.000	.989	77.230	.010	9,789
	SSP	.047	.115	5.125	33.225	.000	.000	.000	.047	.841	65.714	1.429	70
	Non-SSP	.021	.092	8.065	70.942	.000	.000	.000	.000	.989	79.298	.002	51,054
Free / Reduced lunch	All	.525	.280	-.124	-1.058	.000	.302	.535	.760	.999	1.705	.004	49,568
	DDS	.524	.263	-.047	-.948	.000	.322	.527	.733	.997	.751	.031	9,714
	SSP	.521	.250	-.003	-1.059	.069	.293	.569	.753	.991	1.408	1.408	71
	Non-SSP	.525	.280	-.124	-1.058	.000	.302	.535	.760	.999	1.707	.004	49,498
Pupil to Teacher Ratio	All	16.487	45.516	206.752	45018.8	.090	13.460	15.600	18.293	9960.00	.002	.002	50,618
	DDS	17.019	101.306	97.781	9597.31	2.750	13.370	15.500	18.065	9960.00	.010	.010	9,673
	SSP	15.957	3.721	.027	-.479	8.160	13.668	15.700	19.215	25.300	1.429	1.429	70
	Non-SSP	16.487	45.547	206.613	44958.2	.090	13.460	15.600	18.290	9960.00	.002	.002	50,549
Pupil to Teacher Ratio, trimmed	All	15.980	4.018	.271	.623	.090	13.460	15.600	18.293	27.70	.002	1.008	50,618
	DDS	15.861	3.805	0.459	0.653	2.750	13.370	15.500	18.065	27.700	.010	.910	9,673
	SSP	15.957	3.721	.027	-.479	8.160	13.668	15.700	19.215	25.300	1.429	1.429	70
	Non-SSP	15.980	4.019	0.271	0.624	.090	13.460	15.600	18.290	27.700	.002	1.009	50,549

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Table 13

Descriptive Data for Sentinel Schools Project (SSP) Schools with Grade 1 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
Male	All	.511	.102	.443	8.891	.000	.464	.508	.555	1.000	.656	1.170	51,803
	DDS	.510	.089	.063	6.876	.000	.463	.509	.556	1.000	.315	.364	10,160
	SSP	.501	.096	.358	1.474	.239	.441	.500	.545	.800	1.408	1.408	71
	Non-SSP	.511	.102	.443	8.898	.000	.464	.508	.555	1.000	.657	1.171	51,732
Female	All	.476	.102	-.332	8.830	.000	.432	.479	.523	1.000	1.226	.633	51,803
	DDS	.476	.089	.019	6.984	.000	.429	.478	.524	1.000	.404	.305	10,160
	SSP	.461	.082	-.650	1.261	.200	.419	.465	.519	.667	1.408	1.408	71
	Non-SSP	.476	.102	-.332	8.832	.000	.432	.479	.523	1.000	1.227	.634	51,732
American Indian / Alaskan Native	All	.021	.105	7.790	64.473	.000	.000	.000	.006	1.000	74.100	.697	51,803
	DDS	.024	.106	7.311	58.036	.000	.000	.000	.011	1.000	70.000	.531	10,160
	SSP	.026	.115	5.741	35.073	.000	.000	.000	.000	.816	77.465	1.408	71
	Non-SSP	.021	.105	7.794	64.531	.000	.000	.000	.006	1.000	74.095	.698	51,732
Asian / Pacific Islander	All	.043	.096	4.874	30.996	.000	.000	.012	.045	1.000	44.689	.041	51,803
	DDS	.033	.084	6.770	57.573	.000	.000	.008	.034	1.000	48.593	.039	10,160
	SSP	.013	.020	2.324	7.278	.000	.000	.000	.022	.106	52.113	1.408	71
	Non-SSP	.043	.096	4.871	30.954	.000	.000	.012	.045	1.000	44.678	.041	51,732
Hispanic	All	.203	.270	1.529	1.232	.000	.015	.076	.286	1.000	20.985	.807	51,803
	DDS	.140	.212	2.097	3.857	.000	.008	.048	.163	1.000	24.685	.187	10,160
	SSP	.106	.168	2.746	9.317	.000	.000	.040	.118	.958	28.169	1.408	71
	Non-SSP	.203	.270	1.528	1.228	.000	.015	.076	.286	1.000	20.975	.808	51,732
Black	All	.160	.256	2.042	3.224	.000	.000	.042	.182	1.000	27.989	1.701	51,803
	DDS	.146	.253	2.209	3.918	.000	.000	.033	.149	1.000	31.181	1.713	10,160
	SSP	.104	.206	2.793	7.357	.000	.000	.023	.082	.868	40.845	1.408	71
	Non-SSP	.160	.256	2.041	3.220	.000	.000	.042	.182	1.000	27.971	1.703	51,732

Table 13 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
White	All	.551	.349	-.322	-1.368	.000	.205	.628	.875	1.000	7.204	6.600	51,803
	DDS	.638	.321	-.726	-.802	.000	.413	.742	.909	1.000	4.370	7.323	10,160
	SSP	.709	.275	-.966	-.077	.042	.532	.811	.926	1.000	1.408	11.268	71
	Non-SSP	.550	.349	-.322	-1.369	.000	.204	.627	.874	1.000	7.214	6.594	51,732
Hawaiian Native / Pacific Islander	All	.003	.012	9.138	136.70	.000	.000	.000	.000	.300	84.481	.007	13,764
	DDS	.003	.013	10.078	136.773	.000	.000	.000	.000	.250	89.681	.058	1,725
	SSP	.004	.009	2.031	2.813	.000	.000	.000	.000	.024	81.818	9.091	11
	Non-SSP	.003	.012	9.139	136.69	.000	.000	.000	.000	.300	84.483	.007	13,753
Two or more races	All	.031	.078	7.560	74.874	.000	.000	.000	.038	1.000	50.145	.131	13,764
	DDS	.030	.063	8.148	103.265	.000	.000	.000	.041	1.000	51.246	.116	1,725
	SSP	.022	.024	.291	-1.872	.000	.000	.018	.049	.058	45.455	9.091	11
	Non-SSP	.031	.078	7.558	74.822	.000	.000	.000	.038	1.000	50.149	.131	13,753
Race / ethnicity unknown / not reported	All	.013	.035	5.072	48.177	.000	.000	.000	.000	.889	79.644	.002	51,803
	DDS	.014	.036	4.396	31.104	.000	.000	.000	.000	.548	77.736	.010	10,160
	SSP	.023	.039	1.856	2.793	.000	.000	.000	.037	.156	64.789	1.408	71
	Non-SSP	.009	.024	4.511	33.698	.000	.000	.000	.000	.578	79.664	.002	51,732
Free / Reduced lunch	All	.524	.280	-.122	-1.059	.000	.301	.534	.760	.999	1.707	.004	50,217
	DDS	.525	.263	-.037	-.950	.000	.322	.527	.733	.997	.705	.030	10,072
	SSP	.525	.250	-.031	-1.073	.069	.300	.571	.758	.991	1.389	1.389	72
	Non-SSP	.524	.280	-.122	-1.059	.000	.301	.534	.760	.999	1.709	.004	50,146
Pupil to Teacher Ratio	All	16.411	45.190	208.630	45760.3	.260	13.435	15.570	18.235	9960.00	.002	.002	51,253
	DDS	16.989	99.405	99.787	9982.03	1.590	13.420	15.560	18.180	9960.00	.010	.010	10,032
	SSP	16.006	3.717	-.002	-.496	8.160	13.680	15.760	19.410	25.300	1.408	1.408	71
	Non-SSP	16.412	45.220	208.490	45698.7	.260	13.430	15.570	18.230	9960.00	.002	.002	51,183
Pupil to Teacher Ratio, trimmed	All	15.918	4.010	0.212	0.629	.260	13.435	15.570	18.235	27.400	.002	1.001	51,253
	DDS	15.914	3.782	0.401	0.538	1.590	13.420	15.560	18.180	27.400	.010	.877	10,032
	SSP	16.006	3.717	-.002	-.496	8.160	13.680	15.760	19.410	25.300	1.408	1.408	71
	Non-SSP	15.917	4.010	0.213	0.630	.260	13.430	15.570	18.230	27.400	.002	1.002	51,183

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Table 14

Descriptive Data for Sentinel Schools Project (SSP) Schools with Grade 2 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	*%*Min	*%*Max	*N*
Male	All	.511	.103	.560	8.559	.000	.463	.507	.554	1.000	.599	1.235	51,891
	DDS	.508	.090	.014	6.620	.000	.463	.508	.556	1.000	.310	.361	9,687
	SSP	.486	.079	-.384	.323	.304	.444	.500	.538	.700	1.408	1.408	71
	Non-SSP	.511	.103	.560	8.561	.000	.463	.507	.554	1.000	.600	1.237	51,820
Female	All	.478	.103	-.459	8.511	.000	.435	.481	.526	1.000	1.274	.580	51,891
	DDS	.480	.090	.055	6.827	.000	.433	.480	.526	1.000	.382	.289	9,687
	SSP	.488	.078	.581	.473	.300	.438	.475	.531	.696	1.408	1.408	71
	Non-SSP	.478	.103	-.459	8.511	.000	.435	.481	.526	1.000	1.276	.581	51,820
American Indian / Alaskan Native	All	.021	.105	7.756	64.256	.000	.000	.000	.006	1.000	74.260	.703	51,891
	DDS	.026	.107	7.218	56.940	.000	.000	.000	.013	1.000	69.103	.547	9,687
	SSP	.027	.111	5.733	35.507	.000	.000	.000	.010	.792	71.831	1.408	71
	Non-SSP	.021	.105	7.759	64.307	.000	.000	.000	.006	1.000	74.263	.704	51,820
Asian / Pacific Islander	All	.043	.095	4.898	31.364	.000	.000	.011	.044	1.000	45.062	.044	51,891
	DDS	.031	.081	6.963	61.049	.000	.000	.000	.031	1.000	50.563	.021	9,687
	SSP	.013	.021	2.808	11.847	.000	.000	.000	.022	.127	56.338	1.408	71
	Non-SSP	.043	.095	4.895	31.322	.000	.000	.011	.044	1.000	45.046	.044	51,820
Hispanic	All	.201	.269	1.540	1.273	.000	.015	.074	.282	1.000	21.167	.779	51,891
	DDS	.140	.213	2.089	3.860	.000	.000	.047	.169	1.000	25.292	.196	9,687
	SSP	.105	.161	2.271	5.467	.000	.000	.032	.104	.818	26.761	1.408	71
	Non-SSP	.202	.269	1.539	1.269	.000	.015	.074	.283	1.000	21.160	.780	51,820
Black	All	.164	.259	2.001	3.040	.000	.000	.044	.189	1.000	27.380	1.804	51,891
	DDS	.152	.259	2.145	3.568	.000	.000	.034	.155	1.000	30.629	1.899	9,687
	SSP	.113	.217	2.741	7.219	.000	.000	.025	.100	.963	26.761	1.408	71
	Non-SSP	.164	.259	2.000	3.037	.000	.000	.044	.189	1.000	27.381	1.806	51,820

Table 14 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
White	All	.550	.349	-.322	-1.371	.000	.202	.628	.875	1.000	7.552	6.406	51,891
	DDS	.635	.323	-.716	-.824	.000	.406	.741	.910	1.000	4.656	7.237	9,687
	SSP	.711	.275	-.997	-.044	.037	.522	.823	.944	1.000	1.408	4.225	71
	Non-SSP	.550	.349	-.321	-1.372	.000	.200	.628	.875	1.000	7.563	6.409	51,820
Hawaiian Native / Pacific Islander	All	.003	.013	11.623	251.95	.000	.000	.000	.000	.500	84.736	.007	13,784
	DDS	.003	.012	8.467	96.132	.000	.000	.000	.000	.200	88.476	.064	1,562
	SSP	.000	.000	.000	.000	.000	.000	.000	.000	.000	100.00	.000	11
	Non-SSP	.003	.013	11.618	251.76	.000	.000	.000	.000	.500	84.724	.007	13,773
Two or more races	All	.030	.077	7.741	78.048	.000	.000	.000	.035	1.000	51.835	.123	13,784
	DDS	.028	.057	7.101	83.220	.000	.000	.000	.039	.944	50.832	.064	1,562
	SSP	.023	.026	1.124	1.153	.000	.000	.022	.037	.081	36.364	9.091	11
	Non-SSP	.030	.077	7.739	77.995	.000	.000	.000	.035	1.000	51.848	.123	13,773
Race / ethnicity unknown / not reported	All	.011	.032	4.856	40.445	.000	.000	.000	.000	.667	80.395	.004	51,891
	DDS	.012	.032	4.977	39.938	.000	.000	.000	.000	.575	78.703	.010	9,687
	SSP	.027	.057	2.461	5.305	.000	.000	.000	.029	.231	67.606	1.408	71
	Non-SSP	.011	.032	4.864	40.653	.000	.000	.000	.000	.667	80.413	.004	51,820
Free / Reduced lunch	All	.524	.280	-.122	-1.059	.000	.301	.534	.760	.999	1.715	.004	50,318
	DDS	.535	.259	-.069	-.918	.000	.338	.539	.741	.997	.687	.031	9,606
	SSP	.529	.248	-.040	-1.077	.069	.320	.572	.759	.991	1.408	1.408	71
	Non-SSP	.524	.280	-.122	-1.059	.000	.301	.534	.760	.999	1.718	.004	50,247
Pupil to Teacher Ratio	All	16.384	45.144	208.829	45850.0	.260	13.420	15.550	18.220	9960.00	.002	.002	51,358
	DDS	16.998	101.831	97.408	9511.97	2.230	13.370	15.520	18.150	9960.00	.010	.010	9,560
	SSP	16.051	3.739	-.033	-.518	8.160	13.755	15.945	19.410	25.300	1.429	1.429	70
	Non-SSP	16.385	45.175	208.690	45788.3	.260	13.420	15.550	18.210	9960.00	.002	.002	51,288
Pupil to Teacher Ratio, trimmed	All	15.892	4.027	0.181	0.663	0.260	13.420	15.550	18.220	27.360	.002	1.001	51,358
	DDS	15.866	3.800	0.374	0.554	2.230	13.370	15.520	18.150	27.360	.010	0.879	9,560
	SSP	16.051	3.739	-.033	-.518	8.160	13.755	15.945	19.410	25.300	1.429	1.429	70
	Non-SSP	15.892	4.027	0.182	0.664	0.260	13.420	15.550	18.210	27.360	.002	1.002	51,288

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Table 15

Descriptive Data for Sentinel Schools Project (SSP) Schools with Grade 3 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
Male	All	.512	.104	.644	8.567	.000	.463	.508	.554	1.000	.603	1.301	51,869
	DDS	.508	.090	.033	6.470	.000	.462	.507	.554	1.000	.289	.352	7,951
	SSP	.503	.091	1.076	2.972	.318	.455	.505	.544	.818	1.493	1.493	67
	Non-SSP	.512	.104	.644	8.570	.000	.463	.508	.554	1.000	.604	1.303	51,802
Female	All	.478	.104	-.554	8.522	.000	.435	.481	.526	1.000	1.350	.584	51,869
	DDS	.481	.089	.005	6.644	.000	.435	.482	.528	1.000	.377	.277	7,951
	SSP	.475	.085	-1.158	2.744	.182	.444	.480	.525	.657	1.493	1.493	67
	Non-SSP	.478	.104	-.553	8.524	.000	.435	.481	.526	1.000	1.351	.585	51,802
American Indian / Alaskan Native	All	.022	.106	7.644	62.276	.000	.000	.000	.007	1.000	73.682	.692	51,869
	DDS	.029	.114	6.678	48.552	.000	.000	.000	.014	1.000	66.344	.591	7,951
	SSP	.026	.100	5.584	33.635	.000	.000	.000	.014	.700	65.672	1.493	67
	Non-SSP	.022	.106	7.646	62.307	.000	.000	.000	.007	1.000	73.692	.693	51,802
Asian / Pacific Islander	All	.043	.095	4.910	31.512	.000	.000	.011	.043	1.000	45.173	.040	51,869
	DDS	.030	.081	7.146	63.662	.000	.000	.000	.031	.969	50.698	.013	7,951
	SSP	.010	.015	1.442	1.269	.000	.000	.000	.019	.061	62.687	1.493	67
	Non-SSP	.043	.095	4.907	31.471	.000	.000	.011	.043	1.000	45.151	.041	51,802
Hispanic	All	.200	.268	1.559	1.342	.000	.014	.073	.277	1.000	21.186	.769	51,869
	DDS	.148	.223	2.006	3.362	.000	.000	.050	.179	1.000	25.217	.176	7,951
	SSP	.103	.154	2.287	5.654	.000	.008	.038	.115	.773	23.881	1.493	67
	Non-SSP	.200	.269	1.558	1.338	.000	.014	.073	.277	1.000	21.183	.770	51,802
Black	All	.165	.260	1.979	2.946	.000	.000	.045	.192	1.000	27.051	1.704	51,869
	DDS	.146	.255	2.193	3.804	.000	.000	.030	.143	1.000	31.895	1.710	7,951
	SSP	.120	.224	2.451	5.430	.000	.000	.026	.073	.902	31.343	1.493	67
	Non-SSP	.165	.260	1.978	2.944	.000	.000	.045	.192	1.000	27.045	1.706	51,802

Table 15 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	*%*Min	*%*Max	*N*
White	All	.551	.350	-.325	-1.373	.000	.204	.628	.877	1.000	7.378	6.343	51,869
	DDS	.632	.325	-.696	-.872	.000	.400	.736	.909	1.000	4.452	7.056	7,951
	SSP	.717	.277	-1.043	.148	.039	.571	.821	.949	1.000	1.493	10.448	67
	Non-SSP	.551	.350	-.324	-1.373	.000	.203	.628	.876	1.000	7.388	6.338	51,802
Hawaiian Native / Pacific Islander	All	.003	.014	14.615	392.35	.000	.000	.000	.000	.500	84.888	.022	13,777
	DDS	.003	.014	8.656	91.271	.000	.000	.000	.000	.197	90.644	.086	1,165
	SSP	.001	.003	3.162	10.000	.000	.000	.000	.000	.008	90.000	10.000	10
	Non-SSP	.003	.014	14.610	392.09	.000	.000	.000	.000	.500	84.884	.022	13,767
Two or more races	All	.030	.080	7.720	76.301	.000	.000	.000	.034	1.000	52.646	.138	13,777
	DDS	.026	.060	7.832	92.922	.000	.000	.000	.032	.981	55.451	.086	1,165
	SSP	.019	.020	.663	-.877	.000	.000	.017	.035	.052	40.000	10.000	10
	Non-SSP	.030	.080	7.717	76.250	.000	.000	.000	.034	1.000	52.655	.138	13,767
Race / ethnicity unknown / not reported	All	.011	.030	4.779	36.730	.000	.000	.000	.000	.534	80.834	.002	51,869
	DDS	.011	.032	5.465	48.451	.000	.000	.000	.000	.534	79.411	.013	7,951
	SSP	.021	.050	3.051	9.467	.000	.000	.000	.020	.250	70.149	1.493	67
	Non-SSP	.011	.030	4.782	36.841	.000	.000	.000	.000	.534	80.848	.002	51,802
Free / Reduced lunch	All	.524	.280	-.120	-1.057	.000	.301	.534	.759	.999	1.721	.004	50,308
	DDS	.542	.258	-.083	-.924	.000	.344	.545	.749	.997	.661	.025	7,871
	SSP	.545	.246	-.152	-.988	.069	.340	.577	.761	.991	1.493	1.493	67
	Non-SSP	.524	.280	-.120	-1.058	.000	.301	.534	.759	.999	1.724	.004	50,241
Pupil to Teacher Ratio	All	16.389	45.168	208.697	45796.7	.260	13.420	15.560	18.220	9960.00	.002	.002	51,309
	DDS	17.312	112.475	88.223	7799.69	2.500	13.360	15.660	18.405	9960.00	.013	.013	7,833
	SSP	16.033	3.836	-.023	-.626	8.160	13.535	15.945	19.450	25.300	1.515	1.515	66
	Non-SSP	16.389	45.197	208.566	45738.7	.260	13.420	15.560	18.220	9960.00	.002	.002	51,243
Pupil to Teacher Ratio, trimmed	All	15.894	4.034	0.179	0.645	0.260	13.420	15.560	18.220	27.360	.002	1.004	51,309
	DDS	15.954	3.885	0.279	0.305	2.500	13.360	15.660	18.405	27.360	.013	0.728	7,833
	SSP	16.033	3.836	-.023	-.626	8.160	13.535	15.945	19.450	25.300	1.515	1.515	66
	Non-SSP	15.894	4.034	0.179	0.646	0.260	13.420	15.560	18.220	27.360	.002	1.005	51,243

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Table 16

Descriptive Data for Sentinel Schools Project (SSP) Schools with Grade 4 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
Male	All	.512	.108	.595	8.431	.000	.463	.507	.554	1.000	.717	1.437	51,623
	DDS	.508	.096	.098	6.811	.000	.459	.506	.556	1.000	.446	.501	5,386
	SSP	.505	.079	-.611	.729	.277	.463	.510	.567	.667	1.538	1.538	65
	Non-SSP	.512	.108	.595	8.431	.000	.463	.507	.554	1.000	.718	1.439	51,558
Female	All	.478	.107	-.512	8.358	.000	.436	.483	.527	1.000	1.484	.697	51,623
	DDS	.479	.095	-.001	6.893	.000	.431	.480	.528	1.000	.538	.427	5,386
	SSP	.468	.074	.376	.097	.311	.414	.466	.517	.667	1.538	1.538	65
	Non-SSP	.478	.107	-.513	8.357	.000	.436	.483	.527	1.000	1.486	.698	51,558
American Indian / Alaskan Native	All	.022	.106	7.648	62.458	.000	.000	.000	.007	1.000	73.566	.692	51,623
	DDS	.031	.124	6.403	43.516	.000	.000	.000	.015	1.000	65.373	.835	5,386
	SSP	.033	.112	4.969	25.799	.000	.000	.000	.017	.708	64.615	1.538	65
	Non-SSP	.022	.106	7.652	62.518	.000	.000	.000	.007	1.000	73.577	.692	51,558
Asian / Pacific Islander	All	.043	.096	4.986	32.280	.000	.000	.011	.043	1.000	45.298	.052	51,623
	DDS	.032	.085	6.874	59.154	.000	.000	.000	.033	1.000	51.095	.056	5,386
	SSP	.011	.016	2.163	6.662	.000	.000	.000	.018	.088	52.308	1.538	65
	Non-SSP	.043	.096	4.983	32.239	.000	.000	.011	.043	1.000	45.289	.052	51,558
Hispanic	All	.197	.268	1.582	1.426	.000	.014	.071	.272	1.000	21.632	.845	51,623
	DDS	.149	.221	2.000	3.367	.000	.000	.050	.182	1.000	25.009	.204	5,386
	SSP	.102	.155	2.563	7.432	.000	.006	.042	.113	.810	24.615	1.538	65
	Non-SSP	.197	.268	1.581	1.422	.000	.014	.071	.272	1.000	21.628	.846	51,558
Black	All	.169	.263	1.944	2.779	.000	.000	.046	.200	1.000	26.804	1.908	51,623
	DDS	.110	.210	2.702	6.945	.000	.000	.022	.101	1.000	35.722	.724	5,386
	SSP	.120	.235	2.451	5.456	.000	.000	.019	.084	.930	41.538	1.538	65
	Non-SSP	.169	.263	1.943	2.777	.000	.000	.046	.200	1.000	26.785	1.910	51,558

Table 16 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	*%*Min	*%*Max	*N*
White	All	.551	.351	-.324	-1.375	.000	.200	.629	.878	1.000	7.700	6.441	51,623
	DDS	.659	.314	-.796	-.665	.000	.441	.769	.921	1.000	3.212	8.411	5,386
	SSP	.701	.281	-.931	-.203	.042	.521	.800	.923	1.000	1.538	10.769	65
	Non-SSP	.551	.351	-.324	-1.376	.000	.200	.629	.878	1.000	7.710	6.435	51,558
Hawaiian Native / Pacific Islander	All	.003	.013	13.206	338.67	.000	.000	.000	.000	.500	84.760	.015	13,734
	DDS	.003	.012	9.605	127.740	.000	.000	.000	.000	.208	89.778	.111	900
	SSP	.000	.000	.000	.000	.000	.000	.000	.000	.000	100.000	.000	9
	Non-SSP	.003	.013	13.202	338.47	.000	.000	.000	.000	.500	84.750	.015	13,725
Two or more races	All	.028	.079	8.103	81.924	.000	.000	.000	.031	1.000	54.114	.124	13,734
	DDS	.027	.055	6.496	67.708	.000	.000	.000	.039	.727	51.111	.111	900
	SSP	.041	.040	.507	-.916	.000	.000	.043	.073	.110	33.333	11.111	9
	Non-SSP	.028	.079	8.102	81.900	.000	.000	.000	.031	1.000	54.128	.124	13,725
Race / ethnicity unknown / not reported	All	.010	.029	5.344	49.826	.000	.000	.000	.000	.750	81.216	.002	51,623
	DDS	.013	.034	5.097	41.265	.000	.000	.000	.000	.515	75.418	.019	5,386
	SSP	.027	.060	3.038	9.919	.000	.000	.000	.025	.319	67.692	1.538	65
	Non-SSP	.010	.029	5.347	50.026	.000	.000	.000	.000	.750	81.233	.002	51,558
Free / Reduced lunch	All	.524	.280	-.121	-1.057	.000	.302	.534	.760	.999	1.728	.004	50,059
	DDS	.531	.252	-.014	-.855	.000	.341	.528	.721	.997	.712	.037	5,339
	SSP	.557	.239	-.171	-.921	.069	.361	.584	.762	.991	1.538	1.538	65
	Non-SSP	.524	.280	-.120	-1.057	.000	.302	.534	.760	.999	1.730	.004	49,994
Pupil to Teacher Ratio	All	16.378	45.270	208.272	45601.0	.260	13.410	15.560	18.240	9960.00	.002	.002	51,068
	DDS	18.070	136.463	72.742	5300.52	1.590	13.350	15.760	18.760	9960.00	.019	.019	5,319
	SSP	16.131	3.854	-.084	-.604	8.160	13.705	16.255	19.530	25.300	1.563	1.563	64
	Non-SSP	16.378	45.298	208.144	45544.7	.260	13.410	15.560	18.240	9960.00	.002	.002	51,004
Pupil to Teacher Ratio, trimmed	All	15.884	4.078	0.152	0.670	0.260	13.410	15.560	18.240	27.423	.002	0.999	51,068
	DDS	16.097	4.153	0.219	0.175	1.590	13.350	15.760	18.760	27.423	.019	0.921	5,319
	SSP	16.131	3.854	-.084	-.604	8.160	13.705	16.255	19.530	25.300	1.563	1.563	64
	Non-SSP	15.884	4.078	0.152	0.671	0.260	13.410	15.560	18.240	27.423	.002	1.000	51,004

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Table 17

Descriptive Data for Sentinel Schools Project (SSP) Schools with Grade 5 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
Male	All	.514	.114	.721	8.021	.000	.463	.508	.556	1.000	.823	1.891	50,398
	DDS	.509	.097	-.051	6.842	.000	.461	.509	.557	1.000	.529	.463	4,537
	SSP	.490	.068	.269	-.718	.364	.434	.466	.549	.645	2.273	2.273	44
	Non-SSP	.514	.114	.721	8.018	.000	.463	.508	.556	1.000	.824	1.893	50,354
Female	All	.477	.114	-.632	7.961	.000	.436	.482	.528	1.000	1.939	.814	50,398
	DDS	.478	.096	.150	7.327	.000	.432	.478	.525	1.000	.485	.529	4,537
	SSP	.467	.079	-.498	.712	.239	.429	.468	.536	.623	2.273	2.273	44
	Non-SSP	.477	.114	-.633	7.960	.000	.436	.482	.528	1.000	1.940	.814	50,354
American Indian / Alaskan Native	All	.022	.107	7.584	61.434	.000	.000	.000	.007	1.000	73.178	.708	50,398
	DDS	.033	.130	6.167	39.597	.000	.000	.000	.017	1.000	63.985	.882	4,537
	SSP	.039	.136	4.178	18.172	.000	.000	.000	.012	.741	72.727	2.273	44
	Non-SSP	.022	.107	7.589	61.517	.000	.000	.000	.007	1.000	73.178	.709	50,354
Asian / Pacific Islander	All	.042	.096	5.125	34.125	.000	.000	.010	.042	1.000	46.488	.083	50,398
	DDS	.033	.086	6.914	59.385	.000	.000	.004	.034	1.000	49.945	.022	4,537
	SSP	.010	.019	2.424	5.827	.000	.000	.000	.016	.081	65.909	2.273	44
	Non-SSP	.042	.096	5.123	34.096	.000	.000	.010	.042	1.000	46.471	.083	50,354
Hispanic	All	.198	.270	1.577	1.392	.000	.013	.069	.273	1.000	22.080	1.107	50,398
	DDS	.158	.229	1.912	2.944	.000	.010	.058	.200	1.000	23.937	.375	4,537
	SSP	.119	.187	2.942	11.002	.000	.012	.038	.154	1.000	22.727	2.273	44
	Non-SSP	.198	.270	1.576	1.389	.000	.013	.069	.273	1.000	22.080	1.106	50,354
Black	All	.172	.267	1.911	2.621	.000	.000	.047	.204	1.000	26.997	2.107	50,398
	DDS	.101	.194	2.864	8.241	.000	.000	.022	.095	1.000	36.500	.573	4,537
	SSP	.086	.141	1.737	1.858	.000	.000	.013	.126	.490	38.636	2.273	44
	Non-SSP	.172	.267	1.910	2.618	.000	.000	.047	.204	1.000	26.987	2.109	50,354

Table 17 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	*%*Min	*%*Max	*N*
White	All	.548	.353	-.313	-1.392	.000	.192	.627	.878	1.000	8.479	6.536	50,398
	DDS	.656	.312	-.780	-.685	.000	.442	.763	.918	1.000	3.240	8.265	4,537
	SSP	.701	.255	-.898	.122	.000	.549	.760	.905	1.000	2.273	9.091	44
	Non-SSP	.548	.353	-.312	-1.393	.000	.192	.627	.878	1.000	8.484	6.534	50,354
Hawaiian Native / Pacific Islander	All	.004	.020	30.543	1394.73	.000	.000	.000	.000	1.000	84.645	.022	13,572
	DDS	.004	.015	5.870	41.478	.000	.000	.000	.000	.151	86.922	.132	757
	SSP	.000	.000	.000	.000	.000	.000	.000	.000	.000	100.000	.000	4
	Non-SSP	.004	.020	30.539	1394.34	.000	.000	.000	.000	1.000	84.640	.022	13,568
Two or more races	All	.027	.081	8.076	80.394	.000	.000	.000	.029	1.000	55.519	.147	13,572
	DDS	.028	.059	6.377	61.585	.000	.000	.000	.038	.778	52.312	.132	757
	SSP	.021	.030	1.513	1.958	.000	.000	.010	.052	.063	50.000	25.000	4
	Non-SSP	.027	.081	8.075	80.374	.000	.000	.000	.029	1.000	55.520	.147	13,568
Race / ethnicity unknown / not reported	All	.009	.028	5.675	56.087	.000	.000	.000	.000	.667	81.811	.002	50,398
	DDS	.013	.034	5.151	40.845	.000	.000	.000	.009	.469	74.609	.022	4,537
	SSP	.043	.081	2.536	6.233	.000	.000	.000	.054	.343	52.273	2.273	44
	Non-SSP	.009	.028	5.670	56.255	.000	.000	.000	.000	.667	81.837	.002	50,354
Free / Reduced lunch	All	.527	.280	-.131	-1.049	.000	.306	.537	.762	.999	1.794	.004	48,833
	DDS	.533	.248	-.019	-.849	.000	.345	.533	.721	.997	.512	.045	4,493
	SSP	.552	.242	-.259	-.993	.069	.345	.596	.762	.951	2.222	2.222	45
	Non-SSP	.527	.280	-.131	-1.049	.000	.305	.537	.762	.999	1.795	.004	48,789
Pupil to Teacher Ratio	All	16.449	46.324	199.920	42655.8	.260	13.390	15.580	18.320	9960.00	.002	.002	49,816
	DDS	18.686	148.614	66.801	4469.47	2.500	13.550	16.040	19.120	9960.00	.022	.022	4,484
	SSP	16.918	3.780	-.222	-.280	8.160	14.100	16.900	19.725	25.300	2.273	2.273	44
	Non-SSP	16.449	46.344	199.835	42619.5	.260	13.380	15.580	18.320	9960.00	.002	.002	49,773
Pupil to Teacher Ratio, trimmed	All	15.912	4.149	0.164	0.651	0.260	13.390	15.580	18.320	27.710	.002	1.002	49,816
	DDS	16.345	4.217	0.185	0.084	2.500	13.550	16.040	19.120	27.710	.022	0.937	4,484
	SSP	16.918	3.780	-.222	-.280	8.160	14.100	16.900	19.725	25.300	2.273	2.273	44
	Non-SSP	15.911	4.149	0.165	0.652	0.260	13.380	15.580	18.320	27.710	.002	1.003	49,773

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Table 18

Descriptive Data for Sentinel Schools Project (SSP) Schools with Grade 6 Students Included in DIBELS Next Percentiles Compared to Public Schools in the U.S. and in the DIBELS Data System (DDS): Summary of 2009-2010 NCES Data

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	%Min	%Max	*N*
Male	All	.520	.143	.578	5.584	.000	.467	.509	.556	1.000	1.700	3.693	35,069
	DDS	.511	.113	.152	6.296	.000	.460	.507	.561	1.000	.792	1.056	1,894
	SSP	.495	.088	.297	-.752	.333	.424	.474	.581	.647	4.348	4.348	23
	Non-SSP	.520	.143	.578	5.582	.000	.467	.509	.556	1.000	1.701	3.695	35,046
Female	All	.472	.142	-.498	5.543	.000	.435	.482	.525	1.000	3.781	1.685	35,069
	DDS	.479	.114	-.100	6.289	.000	.429	.482	.528	1.000	1.162	.792	1,894
	SSP	.455	.097	-.517	-.247	.229	.380	.459	.535	.596	4.348	4.348	23
	Non-SSP	.472	.143	-.498	5.542	.000	.435	.482	.525	1.000	3.784	1.686	35,046
American Indian / Alaskan Native	All	.028	.127	6.455	43.371	.000	.000	.000	.007	1.000	68.066	1.044	35,069
	DDS	.042	.159	5.200	26.847	.000	.000	.000	.016	1.000	64.520	1.795	1,894
	SSP	.062	.176	3.301	11.330	.000	.000	.000	.006	.750	69.565	4.348	23
	Non-SSP	.028	.126	6.459	43.429	.000	.000	.000	.007	1.000	68.065	1.044	35,046
Asian / Pacific Islander	All	.038	.095	5.470	38.431	.000	.000	.004	.034	1.000	49.109	.128	35,069
	DDS	.032	.087	6.910	59.839	.000	.000	.000	.033	1.000	54.118	.053	1,894
	SSP	.009	.016	1.839	2.451	.000	.000	.000	.014	.053	69.565	4.348	23
	Non-SSP	.038	.095	5.468	38.406	.000	.000	.004	.034	1.000	49.095	.128	35,046
Hispanic	All	.189	.268	1.636	1.621	.000	.000	.059	.258	1.000	25.521	1.383	35,069
	DDS	.166	.235	1.751	2.290	.000	.000	.059	.231	1.000	29.409	.634	1,894
	SSP	.122	.194	2.623	8.052	.000	.000	.044	.188	.839	26.087	4.348	23
	Non-SSP	.189	.268	1.636	1.619	.000	.000	.059	.258	1.000	25.521	1.384	35,046
Black	All	.169	.275	1.919	2.541	.000	.000	.036	.190	1.000	29.961	2.769	35,069
	DDS	.089	.189	3.183	10.255	.000	.000	.018	.071	1.000	42.027	1.003	1,894
	SSP	.121	.168	1.200	-.160	.000	.000	.026	.286	.479	30.435	4.348	23
	Non-SSP	.170	.275	1.918	2.539	.000	.000	.036	.190	1.000	29.961	2.771	35,046

Table 18 (continued)

Variable	Sample	Mean	*SD*	Skew	Kurt	Min	*Q25*	*Q50*	*Q75*	Max	*%*Min	*%*Max	*N*
White	All	.559	.361	-.343	-1.400	.000	.192	.647	.900	1.000	9.729	8.652	35,069
	DDS	.654	.329	-.754	-.806	.000	.417	.780	.933	1.000	5.491	11.880	1,894
	SSP	.635	.271	-.085	-1.270	.161	.371	.603	.890	1.000	4.348	17.391	23
	Non-SSP	.559	.361	-.343	-1.400	.000	.191	.647	.900	1.000	9.736	8.646	35,046
Hawaiian Native / Pacific Islander	All	.004	.019	31.419	1483.06	.000	.000	.000	.000	1.000	81.717	.021	9,703
	DDS	.005	.019	5.737	41.213	.000	.000	.000	.000	.184	84.242	.303	330
	SSP	.000	.000	.000	.000	.000	.000	.000	.000	.000	100.000	.000	2
	Non-SSP	.004	.019	31.416	1482.77	.000	.000	.000	.000	1.000	81.713	.021	9,701
Two or more races	All	.026	.084	8.005	77.138	.000	.000	.000	.024	1.000	57.982	.258	9,703
	DDS	.027	.063	5.099	38.336	.000	.000	.000	.031	.674	60.606	.303	330
	SSP	.000	.000	.000	.000	.000	.000	.000	.000	.000	100.000	.000	2
	Non-SSP	.026	.084	8.005	77.123	.000	.000	.000	.024	1.000	57.973	.258	9,701
Race / ethnicity unknown / not reported	All	.008	.028	8.595	148.015	.000	.000	.000	.000	.978	82.971	.003	35,069
	DDS	.011	.035	12.918	282.553	.000	.000	.000	.000	.938	76.346	.053	1,894
	SSP	.050	.079	1.361	.430	.000	.000	.000	.091	.244	56.522	4.348	23
	Non-SSP	.008	.028	8.637	149.612	.000	.000	.000	.000	.978	82.988	.003	35,046
Free / Reduced lunch	All	.525	.271	-.099	-.965	.000	.317	.527	.747	.999	1.970	.009	33,701
	DDS	.541	.246	.019	-.817	.000	.356	.538	.722	.997	.536	.054	1,865
	SSP	.645	.227	-.646	-.577	.167	.492	.680	.820	.951	4.167	4.167	24
	Non-SSP	.525	.271	-.099	-.965	.000	.317	.527	.747	.999	1.972	.009	33,678
Pupil to Teacher Ratio	All	16.452	55.807	165.599	29324.9	.010	12.690	15.300	18.490	9960.00	.003	.003	34,402
	DDS	16.402	4.974	.569	2.91	3.450	13.000	15.980	19.810	60.00	.054	.054	1,857
	SSP	16.800	4.626	-.235	-.884	8.160	12.588	17.660	20.628	25.300	4.167	4.167	24
	Non-SSP	16.451	55.826	165.544	29305.6	.010	12.690	15.300	18.490	9960.00	.003	.003	34,379
Pupil to Teacher Ratio, trimmed	All	15.676	4.802	0.254	0.493	0.010	12.690	15.300	18.490	29.920	.003	1.000	34,402
	DDS	16.378	4.852	0.179	-0.332	3.450	13.000	15.980	19.810	29.920	.054	0.323	1,857
	SSP	16.800	4.626	-.235	-.884	8.160	12.588	17.660	20.628	25.300	4.167	4.167	24
	Non-SSP	15.675	4.802	0.254	0.494	0.010	12.690	15.300	18.490	29.920	.003	1.001	34,379

Note. All data reflect grade level data reported to NCES, except *Free / Reduced Lunch* and *Pupil to Teacher Ratio,* which are reported at the school level. All reported values (except Pupil to Teacher ratio) are expressed as proportions. Pupil to teacher ratio was trimmed (values exceeding the 99th percentile of all schools were recoded back to the 99th percentile value) to avoid distortion due to extreme outliers. Data source: NCES (2011).

Other meaningful differences in demographic composition in our SSP sample relative to remaining U.S. schools include fewer overall numbers of students who are Black (10% versus 15.6%; kindergarten *es* = .21), students who are Hispanic (10% versus 20%; kindergarten *es* = .38), and students who are Asian/Pacific Islander (1.4% versus 4.3%; kindergarten *es* = .31). These differences result in small to medium effect size estimates, and should factor in to a school's decision-making practices when determining the appropriateness of the current comparison group for their students.

Sentinel schools represent the typical U.S. public school well in terms of overall rate for free/reduced price lunch (*Mdn* = 54.5% of qualifying students in SSP schools; *Mdn* = 52.4% in non-SSP schools). As noted in Tables 11 and 18, the schools that serve 6th grade students in our sample are more likely to be Title I eligible than the average U.S. school (71% compared with 51%). Sixth grade schools in our sample also have more students who qualify for free/reduced price lunch (64.5% compared with 52.5%). In terms of class sizes (expressed as pupil-to-teacher ratio in tables 12 – 18), SSP schools show no meaningful differences from all other non-SSP U.S. schools. The median pupil-to-teacher ratio in SSP schools is 16.051; the median for non-SSP schools is 16.412.

In addition to the demographic characteristics listed above, we also know that schools in our sample have varying levels of familiarity and experience with DIBELS (years of use range = 1 year to 10 or more years). Most SSP schools (76.5%) had been using DIBELS measures for the previous 7 years (see Smith et al., 2011 for more information about data collection practices in the SSP).

Additional Considerations

It is important to be aware that although the participating schools and districts in this report are distributed widely across the country (see Tables 5 - 11), they may not be fully representative of the instruction and assessment practices that are used throughout the U.S. As noted in the initial summary of DIBELS benchmark goals (found in Good, Wallin, Simmons, Kame'enui, & Kaminski, 2002), DDS schools may be more likely than average U.S. schools to engage in practices that support early literacy development. Schools and districts in our sample may also be more likely to be invested in the beginning reading core areas of phonemic awareness, phonics, and fluency with connected text (National Reading Panel, 2000). They also may be more likely to engage in universal screening and progress monitoring with their students.

If your school is currently using the DDS, then we argue that this comparison group still provides important contextual information regarding your school's performance. However, we must point out that our sample has not been randomly selected, it is not a probability sample, and the data were collected with few constraints other than the ones listed above.

Example of Recommended Standards for Describing Student Performance Using the Percentiles in this Report

Recall that the language used to describe percentile scores should convey as much information as possible, including a description of what is being measured and the group to which the individual is being compared. Based on the information about our participant sample, a complete interpretation of an individual student's performance on a given DIBELS Next measure is therefore as follows:

> In (*time of year*), (*name of student*) performed as well as or better than *XX*% of students included in the 2010-2011 DDS percentile sample for (*name of measure*), a task that

requires students to (*description of task*). This comparison sample included students in public schools that use the DDS and chose to participate in the Sentinel Schools Project (SSP), a research initiative examining aspects of the DIBELS Next measures, including normative and criterion-referenced score information. This means that (*name of student*) performed in the (*descriptor from Table 1*) range relative to other students in this group.

For example:

In the fall, Sarah performed as well as or better than 63% of students included in the 2010-2011 DDS percentile sample for DIBELS Letter Naming Fluency, a task that requires students to name randomly ordered printed letters. This comparison sample included students in public schools that use the DDS and chose to participate in the Sentinel Schools Project (SSP), a research initiative examining aspects of the DIBELS Next measures, including normative and criterion-referenced score information. This means that Sarah performed in the average range relative to other students in this group.

Results

Results are reported in sections according to grade level. Each section includes two tables. The first table provides DIBELS Next descriptive statistics, including: (a) the mean, standard deviation, 25th, 50th, and 75th percentiles, (b) the number of districts, schools, and students included in the analyses at each time point, and (c) the percent of students at each time point who performed in the "well below benchmark," "below benchmark," and "benchmark" score ranges (as defined in Good et al., 2011) for measures that have defined cut scores for these categories. The second table in each section reports the percentiles for each measure. The percentiles for the composite score are reported for all grades in Table 33 (pp. 105 - 127).

We computed the percentiles for each score on each measure by adding the percent of students who scored below that score to one half of the percent of students at that score (Salvia & Ysseldyke, 2004). For example, the percentile for a score of 10 on LNF in the fall of kindergarten was obtained by adding the percent of students who scored below a score of 10 (33.84%) to half of the percent of students that scored exactly 10 (.5 * 1.87%), resulting in a percentile score of 34.76. We round reported percentiles to the nearest whole number using standard conventions. This methodology is consistent with that used in the previous report of system-wide percentiles for DIBELS 6th edition measures (Good et al., 2002).

Percentiles are reported at each time point a measure is offered, including: FSF at the beginning and middle of kindergarten; LNF from the beginning of kindergarten through the beginning of first grade; PSF from the middle of kindergarten through the end of first grade; NWF (both CLS and WWR scores) from the middle of kindergarten through the beginning of second grade; ORF and Retell from the middle of first grade through sixth grade; and Daze from the beginning of third grade through sixth grade.

When examining the percentiles for the ORF-Errors and the Daze-Errors scores, note that the *valences* (i.e., values) for these scores are reversed. Because fewer errors are more desirable, higher percentiles always indicate better performance. That is, few errors result in a higher percentile, and many errors result in a lower percentile.

Kindergarten

Table 19

Descriptive Statistics for DIBELS Next Kindergarten Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	FSF	46	70	4,499	0	0	10	21	56	12.21	11.97	39.50	9.60	50.90
	LNF	46	70	4,498	0	5	18	29	85	19.38	15.46			
	Composite	46	70	4,498	0	11	27	48	125	31.59	24.24	26.80	19.90	53.30
Winter	FSF	47	71	4,605	0	28	40	48	60	37.38	14.91	12.80	13.70	73.50
	LNF	47	71	4,605	0	28	39	50	108	39.40	16.98			
	PSF	47	71	4,603	0	17	38	49	79	34.68	19.00	13.10	14.00	72.90
	CLS	47	71	4,604	0	14	23	33	143	24.46	16.37	13.00	18.90	68.10
	WWR	46	70	4,400	0	0	0	1	50	1.97	5.01			
	Composite	47	71	4,602	0	98	139	175	366	135.87	55.54	18.40	19.60	62.00
Spring	LNF	46	70	4,459	0	40	51	61	109	50.69	16.52			
	PSF	46	70	4,456	0	42	51	60	80	49.44	16.40	8.60	12.30	79.10
	CLS	46	70	4,460	0	24	33	46	143	37.69	22.43	8.10	27.00	64.90
	WWR	46	70	4,426	0	0	1	8	50	5.61	8.98			
	Composite	46	70	4,455	0	110	137	164	314	137.80	45.35	12.10	19.30	68.60

Table 20

DIBELS Next Percentile Ranks for Kindergarten Benchmark Assessments

Raw Score	FSF		LNF			PSF		CLS		WWR		Raw Score
	K.1	K.2	K.1	K.2	K.3	K.2	K.3	K.2	K.3	K.2	K.3	
0	14	1	4	<1		2	<1	2	<1	36	22	0
1	30	3	10	1		4	1	5	1	75	49	1
2	33	3	14	1		5	1	6	1	80	56	2
3	36	3	17	2		6	1	7	1	83	60	3
4	38	4	21	2	<1	6	1	8	2	85	64	4
5	40	4	24	3	1	7	2	9	2	87	67	5
6	42	4	26	3	1	8	2	11	2	88	70	6
7	44	5	29	4	1	9	2	12	3	89	72	7
8	46	5	31	4	1	11	3	14	3	91	75	8
9	48	5	33	5	1	12	3	16	3	92	77	9
10	50	6	35	6	1	14	3	18	4	93	79	10
11	53	7	37	6	2	15	4	19	5	94	81	11
12	55	7	39	7	2	17	4	21	6	94	83	12
13	57	8	41	8	2	19	5	23	7	95	84	13
14	59	8	42	8	2	20	5	26	8	96	86	14
15	61	9	44	9	2	22	5	28	9	97	87	15
16	63	10	46	9	2	23	6	31	10	97	89	16
17	66	11	48	10	3	25	6	33	11	98	90	17
18	68	12	50	11	3	26	6	36	13	98	91	18
19	70	12	53	12	3	27	7	39	14	98	91	19
20	73	14	55	13	4	28	7	42	16	98	92	20
21	75	15	57	14	4	29	7	44	18	99	93	21
22	77	16	60	15	5	29	8	47	21	99	94	22
23	79	17	62	16	5	30	8	50	23	99	94	23
24	81	18	64	17	6	31	8	54	26	99	94	24
25	82	20	66	19	6	32	9	57	29	99	95	25
26	84	22	68	20	7	33	9	60	31	99	95	26
27	86	23	71	22	7	34	10	63	34	99	96	27
28	88	24	73	24	8	35	10	65	37	99	96	28
29	89	26	74	26	9	37	11	68	39	99	97	29
30	90	28	76	28	10	38	11	70	42	>99	97	30
31	92	29	78	30	11	39	12	72	45		97	31
32	93	32	79	32	12	41	12	74	47		98	32
33	94	34	80	34	13	42	13	75	50		98	33
34	95	36	82	36	15	43	14	77	53		98	34
35	96	39	83	38	16	45	15	79	55		98	35
36	96	41	85	40	18	47	16	80	57		98	36
37	97	43	86	43	19	49	17	82	60		98	37
38	98	46	87	45	21	50	19	84	62		98	38
39	98	49	88	48	23	52	20	85	64		98	39

Raw Score	FSF		LNF			PSF		CLS		WWR		Raw Score
	K.1	K.2	K.1	K.2	K.3	K.2	K.3	K.2	K.3	K.2	K.3	
40	99	52	89	52	25	54	22	86	65		99	40
41	99	55	91	55	27	56	23	88	67		99	41
42	99	58	91	57	29	58	25	89	69		99	42
43	99	61	92	59	31	60	27	90	71		99	43
44	99	63	93	61	33	63	30	91	73		99	44
45	99	66	93	63	35	65	33	92	74		99	45
46	>99	69	94	65	37	68	35	92	75		99	46
47		72	94	67	39	70	38	93	76		99	47
48		74	95	70	42	73	41	94	78		>99	48
49		76	95	72	44	75	44	94	79			49
50		79	96	74	47	77	47	94	79			50
51		81	97	76	51	79	50	95	80			51
52		83	97	78	53	81	52	95	82			52
53		85	97	80	56	83	56	96	82			53
54		86	97	82	58	84	58	96	83			54
55		88	98	83	61	86	61	96	84			55
56		90	98	84	63	87	64	97	85			56
57		91	98	85	66	89	67	97	86			57
58		93	98	87	68	90	70	97	87			58
59		95	99	88	70	91	72	97	87			59
60		98	99	89	72	93	74	97	88			60
61			99	91	75	94	76	97	88			61
62			99	91	77	94	79	98	89			62
63			99	92	79	95	81	98	90			63
64			99	93	80	96	83	98	90			64
65			99	94	81	96	84	98	91			65
66			99	94	83	97	86	98	91			66
67			>99	95	84	98	87	98	92			67
68				95	85	98	89	98	92			68
69				96	86	98	90	98	92			69
70				96	88	99	91	98	93			70
71				97	90	99	93	99	93			71
72				97	90	99	94	99	93			72
73				97	91	99	95	99	93			73
74				98	92	99	96	99	94			74
75				98	93	>99	96	99	94			75
76				98	94		97	99	94			76
77				98	94		98	99	94			77
78				99	95		98	99	94			78
79				99	95		99	99	94			79
80				99	96		>99	99	95			80
81				99	97			99	95			81
82				99	97			99	95			82
83				99	98			99	95			83
84				99	98			99	96			84

Raw Score	FSF		LNF			PSF		CLS		WWR		Raw Score
	K.1	K.2	K.1	K.2	K.3	K.2	K.3	K.2	K.3	K.2	K.3	
85				99	98			99	96			85
86				>99	98			99	96			86
87					99			99	96			87
88					99			99	96			88
89					99			99	96			89
90					99			99	97			90
91					99			99	97			91
92					99			99	97			92
93					99			99	97			93
94					99			99	97			94
95					>99			99	97			95
96								99	97			96
97								99	97			97
98								99	97			98
99								99	98			99
100								>99	98			100
101									98			101
102									98			102
103									98			103
104									98			104
105									98			105
106									98			106
107									98			107
108									98			108
109									98			109
110									98			110
111									98			111
112									98			112
113									98			113
114									98			114
115									98			115
116									98			116
117									98			117
118									98			118
119									98			119
120									99			120
121									99			121
122									99			122
123									99			123
124									99			124
125									99			125
126									99			126
127									99			127
128									99			128
129									99			129

Raw Score	FSF		LNF			PSF		CLS		WWR		Raw Score
	K.1	K.2	K.1	K.2	K.3	K.2	K.3	K.2	K.3	K.2	K.3	
130									99			130
131									99			131
132									99			132
133									99			133
134									99			134
135									99			135
136									99			136
137									99			137
138									99			138
139									99			139
140									>99			140

Grade 1

Table 21

Descriptive Statistics for DIBELS Next Grade 1 Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	LNF	47	71	4,555	0	34	45	55	110	44.77	16.05			
	PSF	47	71	4,555	0	34	44	52	80	41.99	15.75	12.40	24.90	62.70
	CLS	47	71	4,554	0	20	29	42	143	33.79	22.01	18.40	24.30	57.30
	WWR	46	70	4,425	0	0	1	7	50	4.85	8.01	0.00	45.30	54.70
	Composite	47	71	4,553	0	94	119	146	302	120.56	44.28	26.90	15.90	57.10
Winter	CLS	48	72	4,629	0	38	51	74	143	59.35	30.78	16.20	17.50	66.20
	WWR	48	72	4,613	0	4	12	22	50	15.05	13.09	20.40	14.60	65.00
	ORF	48	72	4,612	0	17	27	50	181	37.36	30.03	22.40	17.00	60.60
	ORF Errors	48	72	4,601	0	4	6	8	43	6.07	3.60			
	ORF Accuracy	48	72	4,601	0	67	81	93	100	77.47	19.28	25.20	16.80	57.90
	RTF	41	64	3,249	0	7	14	22	79	15.24	11.59			
	Composite	48	72	4,585	0	100	154	228	472	170.10	94.91	24.90	13.50	61.60
Spring	CLS	46	70	4,496	0	48	68	100	143	75.37	34.97	23.80	14.50	61.70
	WWR	46	70	4,490	0	11	20	33	50	21.88	14.34	13.80	16.30	69.80
	ORF	46	70	4,495	0	33	57	81	184	59.53	33.42	22.40	16.70	60.90
	ORF Errors	46	70	4,493	0	2	3	6	69	4.30	3.87			
	ORF Accuracy	46	70	4,493	0	84	94	98	100	88.29	15.69	20.40	13.70	65.90
	RTF	41	65	3,860	0	13	20	29	94	21.52	12.65	0.00	30.10	69.90
	Composite	46	70	4,485	0	120	185	244	384	179.17	85.66	22.10	14.40	63.50

Table 22

DIBELS Next Percentile Ranks for Grade 1 Benchmark Assessments

Raw Score	LNF	PSF	CLS			WWR			ORF		ORF Errors		ORF Accuracy		Retell		Raw Score
	1.1	1.1	1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	
0		1	1			23	6	2	1	<1	98	95	1		6	2	0
1		2	2			50	14	6	2	1	92	83	1		12	5	1
2		2	2			58	18	8	2	1	86	68	1		13	5	2
3		3	3			63	22	9	2	1	79	55	1		15	5	3
4	<1	3	3	<1		67	25	11	3	1	71	44	1		17	6	4
5	1	4	4	1		70	28	13	3	2	61	34	1		20	8	5
6	1	4	4	1		73	31	15	4	2	50	26	1	<1	23	9	6
7	1	5	5	1		76	34	17	6	2	38	19	1	1	26	11	7
8	1	5	6	1		78	36	19	7	3	27	14	1	1	29	13	8
9	1	6	7	1		80	39	21	9	4	18	11	1	1	33	14	9
10	2	6	8	1		82	42	24	11	4	12	8	1	1	37	17	10
11	2	6	9	1	<1	84	45	26	13	5	7	6	1	1	40	19	11
12	2	7	10	1	1	86	49	29	15	5	5	4	1	1	44	22	12
13	2	7	12	1	1	87	52	31	17	6	3	3	2	1	48	25	13
14	3	8	13	2	1	88	55	34	19	7	2	3	2	1	51	28	14
15	3	8	15	2	1	90	58	37	21	8	1	2	2	1	55	32	15
16	4	8	16	2	1	91	61	40	24	8	1	1	2	1	58	36	16
17	4	9	18	3	1	91	64	43	26	9	1	1	2	1	62	39	17
18	5	9	20	3	1	92	66	45	29	10	1	1	2	1	65	43	18
19	5	10	22	3	1	93	68	48	32	11	1	<1	2	1	68	47	19
20	6	10	24	4	2	94	70	50	34	12	<1		2	1	70	50	20
21	7	10	27	4	2	94	72	53	36	12			2	1	73	54	21
22	7	11	29	5	2	95	74	55	38	13			2	1	76	57	22
23	8	11	32	6	2	95	76	58	41	14			2	1	78	61	23
24	9	12	35	6	3	96	78	60	43	15			2	1	80	64	24
25	11	13	38	7	3	96	79	62	46	16			2	1	82	67	25
26	12	14	41	8	4	97	81	64	48	17			2	1	84	69	26

Raw Score	LNF	PSF	CLS			WWR			ORF		ORF Errors		ORF Accuracy		Retell		Raw Score
	1.1	1.1	1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	
27	13	14	44	9	4	97	82	66	50	18			2	1	85	71	27
28	15	15	47	10	5	97	83	68	52	19			2	1	87	74	28
29	16	16	49	12	5	98	84	69	53	20			2	1	88	75	29
30	18	17	52	13	6	98	85	71	55	21			3	1	90	77	30
31	19	19	54	14	7	98	86	73	57	22			3	1	91	80	31
32	21	20	57	16	8	98	87	74	58	23			3	1	92	81	32
33	22	22	59	17	9	98	88	75	60	25			3	2	92	83	33
34	24	24	61	18	9	99	89	77	61	26			3	2	93	84	34
35	26	26	63	20	10	99	90	78	62	27			3	2	94	86	35
36	29	29	64	21	11	99	91	80	63	28			3	2	94	87	36
37	31	31	66	23	12	99	92	81	64	30			3	2	95	89	37
38	33	33	68	25	13	99	92	83	65	31			4	2	96	90	38
39	36	36	70	27	14	99	93	84	66	32			4	2	96	91	39
40	39	39	72	29	15	99	93	85	67	33			4	2	96	92	40
41	41	41	74	31	17	99	94	86	68	34			5	2	97	93	41
42	44	44	76	33	18	99	95	88	69	35			5	2	97	93	42
43	46	47	77	35	19	>99	95	89	70	36			5	3	97	94	43
44	49	50	78	37	21		96	90	70	37			6	3	98	95	44
45	51	54	79	39	22		96	91	71	38			6	3	98	95	45
46	54	57	80	41	23		97	92	72	39			6	3	98	96	46
47	57	60	81	43	24		97	93	73	40			7	3	98	96	47
48	59	63	82	44	26		98	95	74	41			7	3	99	97	48
49	62	66	83	46	27		98	96	74	42			7	3	99	97	49
50	64	69	84	48	28		99	98	75	43			8	4	99	97	50
51	67	72	84	49	29				76	44			8	4	99	98	51
52	69	75	85	51	31				76	44			10	4	99	98	52
53	70	77	86	52	32				77	45			10	4	99	98	53
54	72	80	86	54	33				78	46			11	5	99	98	54
55	74	82	87	55	35				78	47			12	5	>99	99	55
56	76	84	88	57	36				79	48			12	5		99	56
57	78	85	89	58	37				79	49			13	5		99	57
58	80	87	89	60	39				80	51			14	6		99	58

Raw Score	LNF	PSF	CLS			WWR			ORF		ORF Errors		ORF Accuracy		Retell		Raw Score
	1.1	1.1	1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	
59	82	88	90	61	40				80	52			15	6		99	59
60	83	90	90	62	41				81	53			16	6		99	60
61	85	91	90	63	42				81	54			17	6		99	61
62	86	93	91	64	43				82	55			18	7		99	62
63	87	94	91	66	44				82	56			19	7		99	63
64	88	94	92	66	45				82	58			20	8		>99	64
65	89	95	92	67	46				83	59			22	8			65
66	90	96	92	68	47				83	60			23	8			66
67	91	97	93	69	49				84	61			24	9			67
68	92	97	93	70	50				84	62			26	9			68
69	93	98	93	71	51				85	63			27	10			69
70	94	98	94	72	52				85	64			28	10			70
71	95	98	94	73	53				85	65			30	11			71
72	95	99	94	73	54				86	66			32	11			72
73	96	99	94	74	55				86	68			33	12			73
74	96	99	94	75	56				86	69			35	13			74
75	97	99	95	75	57				87	70			37	14			75
76	97	99	95	76	58				87	71			39	14			76
77	98	99	95	77	58				88	72			41	15			77
78	98	>99	95	77	59				88	73			43	16			78
79	98		95	78	60				89	73			45	17			79
80	98		95	79	61				89	74			47	19			80
81	99		96	79	62				89	75			49	20			81
82	99		96	80	62				90	75			51	21			82
83	99		96	80	63				90	76			54	23			83
84	99		96	81	64				91	77			56	24			84
85	99		96	82	65				91	78			59	26			85
86	99		97	82	66				92	78			61	27			86
87	99		97	83	67				92	79			63	29			87
88	99		97	83	67				92	80			65	31			88
89	>99		97	84	68				93	81			67	33			89
90			97	84	69				93	82			70	36			90

Raw Score	LNF	PSF	CLS			WWR			ORF		ORF Errors		ORF Accuracy		Retell		Raw Score
	1.1	1.1	1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	
91			97	84	69				93	83			72	39			91
92			97	85	70				93	83			74	42			92
93			97	85	70				93	84			76	45			93
94			97	85	71				94	85			78	49			94
95			98	86	71				94	86			81	53			95
96			98	86	72				94	87			83	59			96
97			98	87	73				94	87			86	66			97
98			98	87	73				94	88			90	74			98
99			98	88	74				95	88			94	85			99
100			98	88	75				95	88			98	95			100
101			98	88	75				95	89							101
102			98	89	76				95	89							102
103			98	89	76				95	90							103
104			98	89	77				96	90							104
105			98	90	77				96	91							105
106			98	90	78				96	91							106
107			98	90	78				96	91							107
108			99	91	78				96	92							108
109			99	91	79				97	92							109
110			99	91	79				97	93							110
111			99	91	80				97	93							111
112			99	91	81				97	93							112
113			99	92	81				97	93							113
114			99	92	82				97	94							114
115			99	92	82				97	94							115
116			99	93	83				97	94							116
117			99	93	84				98	95							117
118			99	93	84				98	95							118
119			99	93	84				98	95							119
120			99	94	85				98	95							120
121			99	94	85				98	95							121
122			99	94	85				98	95							122

Raw Score	LNF	PSF	CLS			WWR			ORF		ORF Errors		ORF Accuracy		Retell		Raw Score
	1.1	1.1	1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	
123			99	94	86				98	96							123
124			99	94	86				98	96							124
125			99	94	87				98	96							125
126			99	95	87				98	96							126
127			99	95	88				99	96							127
128			99	95	88				99	96							128
129			99	95	89				99	96							129
130			99	95	89				99	97							130
131			99	96	90				99	97							131
132			99	96	90				99	97							132
133			>99	96	90				99	97							133
134				96	91				99	97							134
135				96	91				99	97							135
136				96	91				99	98							136
137				97	92				99	98							137
138				97	92				99	98							138
139				97	93				99	98							139
140				98	94				99	98							140
141				98	95				99	98							141
142				98	96				99	98							142
143				99	98				99	98							143
144									99	99							144
145									99	99							145
146									99	99							146
147									>99	99							147
148										99							148
149										99							149
150										99							150
151										99							151
152										99							152
153										99							153
154										99							154

Raw Score	LNF	PSF	CLS			WWR			ORF		ORF Errors		ORF Accuracy		Retell		Raw Score
	1.1	1.1	1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	
155										99							155
156										99							156
157										99							157
158										99							158
159										99							159
160										99							160
161										>99							161

Grade 2

Table 23

Descriptive Statistics for DIBELS Next Grade 2 Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	CLS	47	70	4,235	0	41	60	88	143	66.94	34.07	16.30	25.40	58.30
	WWR	47	70	4,222	0	5	15	27	50	17.69	14.39	26.20	17.20	56.60
	ORF	47	70	4,231	0	38	60	82	233	62.21	33.24	23.40	16.90	59.70
	ORF Errors	47	70	4,227	0	2	4	6	55	4.46	3.73			
	ORF Accuracy	47	70	4,227	0	87	94	98	100	88.94	14.77	15.40	16.40	68.20
	RTF	42	59	3,384	0	12	20	30	89	22.23	14.38	13.90	20.90	65.20
	Composite	47	70	4,204	0	122	177	232	438	175.08	82.20	20.60	11.70	67.60
Winter	ORF	48	71	4,311	0	57	82	106	248	82.21	36.04	23.30	14.10	62.60
	ORF Errors	48	71	4,309	0	1	2	4	29	2.98	3.19			
	ORF Accuracy	48	71	4,309	0	93	98	99	100	93.95	9.94	19.00	15.20	65.70
	RTF	43	66	3,865	0	17	26	37	94	28.03	15.29	13.80	20.50	65.70
	Composite	43	66	3,863	0	171	239	286	515	225.32	89.66	18.80	11.20	70.00
Spring	ORF	47	70	4,176	0	72	94	120	269	95.18	37.68	19.70	20.00	60.30
	ORF Errors	47	70	4,175	0	1	2	4	45	2.76	3.24			
	ORF Accuracy	47	70	4,175	0	95	98	99	100	95.22	8.80	16.60	16.00	67.40
	RTF	42	65	3,866	0	23	33	43	94	34.35	16.53	14.20	19.20	66.60
	Composite	42	65	3,866	0	213	267	314	531	256.71	90.00	16.80	17.60	65.60

Table 24

DIBELS Next Percentile Ranks for Grade 2 Benchmark Assessments

Raw Score	CLS	WWR	ORF			ORF Errors			ORF Accuracy			Retell			Raw Score
	2.1	2.1	2.1	2.2	2.3	2.1	2.2	2.3	2.1	2.2	2.3	2.1	2.2	2.3	
0		5	<1			97	90	89				2	1	1	0
1		12	1			87	69	66				5	2	1	1
2		16	1			73	51	47				6	2	1	2
3		19	1			59	37	33				7	2	2	3
4		22	1			46	27	24				8	3	2	4
5		25	2			36	20	17				9	3	2	5
6		28	3	<1		26	15	12				11	4	2	6
7		30	3	1		19	10	9				13	5	3	7
8	<1	33	3	1		14	7	7				15	6	3	8
9	1	35	4	1	<1	10	5	5				17	7	4	9
10	1	37	4	1	1	7	4	4				19	9	5	10
11	1	40	4	1	1	5	3	3				22	11	5	11
12	1	42	5	2	1	4	2	2				25	13	6	12
13	1	45	5	2	1	3	2	1				27	15	7	13
14	2	47	6	2	1	2	1	1				30	18	8	14
15	2	49	6	2	1	2	1	1				33	20	10	15
16	2	52	7	3	2	1	1	1	<1			36	22	12	16
17	3	54	7	3	2	1	<1	<1	1			40	25	13	17
18	3	56	8	3	2	1			1			43	28	15	18
19	4	59	8	4	3	1			1			46	30	17	19
20	4	61	9	4	3	<1			1			49	33	19	20
21	5	63	9	4	3				1			53	36	21	21
22	5	65	10	5	3				1			56	39	23	22
23	6	67	11	5	3				1			58	42	25	23
24	7	69	12	5	4				1			61	44	27	24
25	7	71	12	6	4				1			63	48	30	25
26	8	73	13	6	4				1			66	51	32	26
27	9	74	14	7	4				1			68	53	35	27
28	10	76	15	7	4				1			71	56	37	28
29	11	78	16	8	5				1			73	58	40	29
30	12	79	17	8	5				1			75	61	42	30
31	13	81	18	9	5				2			77	63	45	31
32	14	82	19	9	6				2			79	65	48	32
33	15	83	20	10	6				2			80	68	51	33
34	16	84	21	10	6				2			82	70	53	34
35	17	85	22	11	7				2			83	72	56	35
36	18	86	23	12	7				2			84	74	59	36
37	19	87	24	12	7				2			85	76	61	37
38	21	88	25	13	8				2			87	78	64	38
39	22	89	26	13	8				2			88	80	66	39

Raw Score	CLS 2.1	WWR 2.1	ORF 2.1	ORF 2.2	ORF 2.3	ORF Errors 2.1	ORF Errors 2.2	ORF Errors 2.3	ORF Accuracy 2.1	ORF Accuracy 2.2	ORF Accuracy 2.3	Retell 2.1	Retell 2.2	Retell 2.3	Raw Score
40	23	90	27	14	8				2	<1		89	81	68	40
41	25	91	28	14	9				2	1		90	82	70	41
42	26	92	29	15	9				2	1		91	83	72	42
43	27	92	30	15	9				2	1		91	85	74	43
44	29	93	31	16	10				3	1		92	86	76	44
45	30	94	33	17	10				3	1		93	87	78	45
46	32	95	34	17	11				3	1		93	88	79	46
47	33	96	35	18	12				3	1	<1	94	89	81	47
48	34	96	36	19	12				3	1	1	95	90	82	48
49	36	97	37	20	13				3	1	1	95	90	84	49
50	37	99	39	20	13				3	1	1	96	91	85	50
51	38		40	21	14				3	1	1	96	92	86	51
52	40		41	22	14				4	1	1	96	92	87	52
53	41		42	22	14				4	1	1	97	93	88	53
54	43		43	23	15				4	1	1	97	93	88	54
55	44		44	24	15				4	2	1	97	94	89	55
56	45		45	24	16				4	2	1	97	95	90	56
57	47		47	25	16				5	2	1	98	95	91	57
58	48		48	26	16				5	2	1	98	95	91	58
59	49		49	26	17				5	2	1	98	96	92	59
60	50		51	27	17				5	2	1	98	96	93	60
61	51		52	28	18				5	2	1	98	97	93	61
62	52		53	29	18				6	2	1	99	97	94	62
63	53		54	30	19				6	2	2	99	97	94	63
64	54		56	31	19				6	2	2	99	97	94	64
65	56		57	32	20				7	3	2	99	98	95	65
66	57		58	32	21				7	3	2	99	98	95	66
67	58		59	33	21				7	3	2	99	98	96	67
68	59		60	34	22				8	3	2	99	98	96	68
69	60		61	35	23				8	3	2	99	98	96	69
70	61		63	36	23				9	3	3	99	99	97	70
71	62		64	37	24				9	4	3	99	99	97	71
72	63		65	38	25				10	4	3	99	99	97	72
73	64		66	39	26				10	4	3	>99	99	98	73
74	65		67	41	27				10	4	4		99	98	74
75	65		68	42	28				11	5	4		99	98	75
76	66		69	43	28				12	5	4		99	98	76
77	67		70	45	29				12	6	5		99	98	77
78	68		71	46	30				13	6	5		99	98	78
79	69		72	47	31				14	7	5		99	98	79
80	70		73	48	32				15	7	6		>99	99	80
81	71		74	49	33				16	8	6			99	81
82	71		75	50	34				18	9	6			99	82
83	72		76	51	36				19	9	7			99	83
84	72		77	53	37				21	10	7			99	84

Raw Score	CLS 2.1	WWR 2.1	ORF 2.1	ORF 2.2	ORF 2.3	ORF Errors 2.1	ORF Errors 2.2	ORF Errors 2.3	ORF Accuracy 2.1	ORF Accuracy 2.2	ORF Accuracy 2.3	Retell 2.1	Retell 2.2	Retell 2.3	Raw Score
85	73		78	54	38				22	11	8			99	85
86	74		79	55	39				24	12	8			99	86
87	75		79	55	40				26	14	9			99	87
88	75		80	56	41				28	15	10			99	88
89	76		81	57	42				31	17	11			99	89
90	76		81	58	43				34	18	13			>99	90
91	77		82	59	45				37	20	14				91
92	77		83	61	46				41	22	16				92
93	78		83	62	48				45	25	18				93
94	78		84	63	49				50	28	21				94
95	79		85	64	51				55	32	24				95
96	79		85	64	52				62	37	29				96
97	80		86	65	53				70	45	36				97
98	80		86	66	54				78	54	47				98
99	81		87	68	55				88	70	66				99
100	82		87	69	56				97	90	89				100
101	82		88	70	57										101
102	83		88	71	58										102
103	83		89	72	59										103
104	84		89	73	60										104
105	84		89	74	62										105
106	85		90	75	63										106
107	85		90	76	64										107
108	85		91	77	65										108
109	86		91	78	66										109
110	86		92	79	67										110
111	87		92	80	68										111
112	87		92	80	69										112
113	87		93	81	69										113
114	88		93	82	70										114
115	88		93	82	71										115
116	89		94	83	72										116
117	89		94	84	73										117
118	89		94	84	74										118
119	90		94	85	74										119
120	90		95	86	75										120
121	90		95	86	76										121
122	90		95	87	76										122
123	91		95	87	77										123
124	91		95	88	78										124
125	91		96	89	79										125
126	91		96	89	80										126
127	92		96	90	80										127
128	92		96	90	81										128
129	92		96	91	82										129

Raw Score	CLS 2.1	WWR 2.1	ORF 2.1	ORF 2.2	ORF 2.3	ORF Errors 2.1	ORF Errors 2.2	ORF Errors 2.3	ORF Accuracy 2.1	ORF Accuracy 2.2	ORF Accuracy 2.3	Retell 2.1	Retell 2.2	Retell 2.3	Raw Score
130	92		97	91	82										130
131	93		97	91	83										131
132	93		97	92	84										132
133	93		97	92	84										133
134	93		97	92	85										134
135	94		97	93	85										135
136	94		97	93	86										136
137	94		97	93	86										137
138	95		98	94	87										138
139	95		98	94	88										139
140	96		98	94	88										140
141	96		98	95	88										141
142	97		98	95	89										142
143	99		98	95	90										143
144			98	95	90										144
145			98	96	91										145
146			98	96	91										146
147			98	96	92										147
148			98	96	92										148
149			98	96	92										149
150			98	97	92										150
151			99	97	93										151
152			99	97	93										152
153			99	97	93										153
154			99	97	94										154
155			99	97	94										155
156			99	98	94										156
157			99	98	95										157
158			99	98	95										158
159			99	98	96										159
160			99	98	96										160
161			99	98	96										161
162			99	98	96										162
163			99	98	96										163
164			99	98	97										164
165			>99	99	97										165
166				99	97										166
167				99	97										167
168				99	97										168
169				99	98										169
170				99	98										170
171				99	98										171
172				99	98										172
173				99	98										173
174				99	98										174

Raw Score	CLS 2.1	WWR 2.1	2.1	ORF 2.2	2.3	ORF Errors 2.1	2.2	2.3	ORF Accuracy 2.1	2.2	2.3	Retell 2.1	2.2	2.3	Raw Score
175				99	98										175
176				99	98										176
177				99	99										177
178				99	99										178
179				99	99										179
180				99	99										180
181				99	99										181
182				99	99										182
183				99	99										183
184				>99	99										184
185					99										185
186					99										186
187					99										187
188					99										188
189					99										189
190					99										190
191					99										191
192					99										192
193					99										193
194					99										194
195					99										195
196					99										196
197					99										197
198					>99										198

Grade 3

Table 25

Descriptive Statistics for DIBELS Next Grade 3 Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	ORF	44	66	3,855	0	55	78	102	217	79.89	35.91	24.10	14.80	61.10
	ORF Errors	44	66	3,855	0	2	3	5	38	3.85	3.12			
	ORF Accuracy	44	66	3,855	0	92	96	98	100	92.89	10.06	15.80	21.70	62.50
	RTF	39	55	3,140	0	17	27	38	94	28.65	15.70	8.10	22.50	69.50
	Daze	40	56	3,192	0	7	10	14	47	10.73	5.86			
	Daze Errors	40	56	3,190	0	1	2	3	50	2.88	4.32			
	Daze Adjusted	40	56	3,190	0	5	9	13	44	9.63	6.15	21.80	16.90	61.30
	Composite	37	53	2,883	0	182	257	323	593	251.15	106.14	24.50	11.30	64.10
Winter	ORF	45	67	3,889	0	72	95	120	242	96.30	37.09	21.20	16.70	62.10
	ORF Errors	45	67	3,888	0	1	2	4	47	2.84	2.84			
	ORF Accuracy	45	67	3,888	11	95	98	99	100	95.63	7.12	13.10	13.50	73.40
	RTF	40	62	3,516	0	22	32	45	94	34.53	17.34	15.70	18.70	65.60
	Daze	42	58	3,329	0	10	14	20	48	15.32	7.33			
	Daze Errors	42	58	3,328	0	1	2	4	35	2.89	3.80			
	Daze Adjusted	42	58	3,328	0	8	13	20	48	14.13	7.78	16.00	21.70	62.20
	Composite	37	53	2,919	5	244	315	384	693	310.90	110.87	22.60	15.20	62.10
Spring	ORF	43	65	3,777	0	81	107	132	256	107.20	38.26	23.10	19.80	57.10
	ORF Errors	43	65	3,776	0	1	2	4	22	2.97	2.88			
	ORF Accuracy	43	65	3,776	0	96	98	99	100	96.00	6.57	15.40	17.20	67.30
	RTF	39	61	3,501	0	25	37	50	94	39.17	18.77	13.30	20.00	66.70
	Daze	39	55	3,181	0	15	21	26	51	20.98	7.92			
	Daze Errors	39	55	3,181	0	0	1	2	51	2.05	3.78			
	Daze Adjusted	39	55	3,181	0	14	20	26	51	20.18	8.51	20.80	21.70	57.50
	Composite	35	51	2,878	0	290	364	435	752	357.52	117.39	22.60	14.10	63.30

Table 26

DIBELS Next Percentile Ranks for Grade 3 Benchmark Assessments

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	
0				96	92	92				1	<1		1	<1		89	90	82	3	1	1	0
1				86	73	74				3	1	<1	3	1	<1	66	69	51	8	2	2	1
2				70	53	55				3	1	1	5	1	1	45	49	30	11	3	2	2
3				53	37	38				3	1	1	8	2	1	30	34	19	16	5	3	3
4				39	25	27				3	1	1	12	2	1	21	23	13	20	7	4	4
5	<1			27	17	18				4	1	1	17	4	1	15	15	9	25	10	4	5
6	1			19	12	12				5	2	1	22	7	2	11	11	7	30	14	5	6
7	1			13	8	9				6	2	2	28	11	3	9	8	6	36	19	6	7
8	1			9	5	6				7	3	2	34	16	4	7	6	5	42	24	7	8
9	1			6	4	4				8	4	3	41	22	6	6	4	4	49	30	9	9
10	1			4	2	3				9	5	3	48	27	7	5	4	3	55	35	11	10
11	2	<1		3	2	2				11	6	4	55	33	9	4	3	3	61	40	13	11
12	2	1		2	1	2				12	7	5	62	39	12	4	3	3	67	46	16	12
13	2	1		2	1	1				14	8	6	68	44	15	3	2	2	73	50	19	13
14	2	1	<1	1	1	1				16	10	7	74	48	19	3	2	2	78	53	23	14
15	3	1	1	1	<1	1				19	11	8	79	53	24	2	2	2	82	58	27	15
16	3	1	1	1		<1				21	13	9	83	57	28	2	2	2	85	62	31	16
17	3	1	1	<1						24	15	10	86	61	32	2	2	1	88	65	35	17
18	3	1	1							27	17	11	89	65	37	1	1	1	90	70	40	18
19	4	1	1							29	19	13	91	70	42	1	1	1	92	73	45	19
20	4	1	1							32	21	14	93	74	46	1	1	1	94	77	49	20
21	4	2	1							35	23	17	95	78	51	1	1	1	96	81	54	21
22	5	2	1							38	25	19	96	82	58	1	1	1	97	84	60	22
23	5	2	1							41	28	21	98	85	63	1	1	1	98	86	65	23
24	5	2	1							43	30	22	98	87	67	1	1	1	98	89	69	24
25	6	2	2							46	33	24	98	90	71	1	1	1	99	91	72	25
26	6	2	2							49	35	26	99	92	74	1	1	1	99	93	76	26

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	Score
27	7	3	2							51	38	28	99	94	77	1	1	1	99	94	79	27
28	7	3	2							53	40	30	99	95	80	1	<1	<1	99	95	81	28
29	8	3	2							56	42	32	99	96	83	1			>99	96	84	29
30	8	3	2							58	44	35	>99	97	86	1				97	87	30
31	9	3	2							61	47	37		98	89	1				98	90	31
32	9	4	3							63	49	39		98	92	1				98	93	32
33	10	4	3							65	51	42		98	94	<1				98	94	33
34	10	4	3							68	54	44		99	95					99	95	34
35	11	4	3							70	56	46		99	96					99	96	35
36	11	5	3							72	58	48		99	97					99	97	36
37	12	5	3				<1			73	61	50		99	97					99	97	37
38	12	6	4				1			75	63	52		99	98					99	98	38
39	13	6	4				1			77	64	55		99	98					>99	98	39
40	13	6	4				1			78	66	56		>99	99						99	40
41	14	7	5				1			80	69	59			99						99	41
42	14	7	5				1			82	70	60			99						99	42
43	15	8	5				1			83	72	62			99						99	43
44	15	8	5				1			84	74	64			99						99	44
45	16	9	5				1			85	75	66			>99						>99	45
46	17	9	6				1			87	77	67										46
47	17	10	6				1			88	78	69										47
48	18	10	6				1			89	79	71										48
49	19	11	7				1			90	81	73										49
50	20	11	7				1			90	82	74										50
51	21	12	7				1			91	84	76										51
52	22	12	8				2			92	85	77										52
53	23	13	8				2			93	86	78										53
54	24	13	8				2	<1		93	86	79										54
55	25	13	9				2	1		94	87	80										55
56	26	14	9				2	1		94	88	82										56
57	27	15	9				2	1		95	89	83										57
58	28	15	10				2	1		95	90	84										58

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	
59	29	16	10				2	1	<1	96	91	85										59
60	30	16	10				2	1	1	96	91	86										60
61	31	17	11				2	1	1	96	92	87										61
62	32	18	11				3	1	1	97	93	88										62
63	33	18	11				3	1	1	97	93	89										63
64	34	19	12				3	1	1	97	94	89										64
65	35	20	12				3	1	1	97	94	90										65
66	36	20	13				3	1	1	98	95	91										66
67	37	21	14				3	1	1	98	95	92										67
68	38	22	14				3	1	1	98	96	92										68
69	39	23	15				3	2	1	98	96	93										69
70	39	23	16				4	2	2	98	96	93										70
71	41	24	16				4	2	2	98	97	94										71
72	42	25	17				4	2	2	99	97	94										72
73	43	26	18				4	2	2	99	97	94										73
74	45	27	19				5	2	2	99	97	95										74
75	46	28	20				5	2	2	99	98	95										75
76	48	28	20				6	3	2	99	98	95										76
77	49	29	21				6	3	2	99	98	96										77
78	50	30	22				6	3	3	99	98	96										78
79	52	31	23				7	3	3	99	98	97										79
80	53	32	23				7	3	3	>99	98	97										80
81	54	33	24				8	4	3		98	97										81
82	56	34	26				9	4	4		99	97										82
83	57	35	26				9	4	4		99	97										83
84	58	36	27				10	5	4		99	98										84
85	59	37	28				11	6	5		99	98										85
86	60	39	30				12	6	5		99	98										86
87	61	40	31				14	7	6		99	98										87
88	62	41	32				15	8	6		99	98										88
89	63	42	32				17	9	7		99	99										89
90	64	44	33				19	11	8		99	99										90

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	Score
91	65	45	34				22	12	10		99	99										91
92	66	47	35				25	14	11		>99	99										92
93	67	48	35				29	17	14			99										93
94	68	49	36				34	20	17			>99										94
95	69	50	37				41	24	22													95
96	70	52	38				50	30	29													96
97	71	53	40				61	39	38													97
98	72	54	41				73	53	51													98
99	72	55	42				86	72	72													99
100	73	56	43				96	92	92													100
101	74	57	45																			101
102	75	58	46																			102
103	76	59	47																			103
104	77	61	47																			104
105	77	62	48																			105
106	78	63	49																			106
107	79	64	50																			107
108	79	65	51																			108
109	80	66	52																			109
110	81	67	54																			110
111	82	68	55																			111
112	83	69	56																			112
113	84	69	57																			113
114	84	70	58																			114
115	85	71	59																			115
116	85	72	60																			116
117	86	73	62																			117
118	87	74	63																			118
119	87	74	64																			119
120	88	75	65																			120
121	88	76	65																			121
122	89	77	66																			122

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	
123	89	78	67																			123
124	89	78	68																			124
125	90	79	69																			125
126	90	79	70																			126
127	90	80	71																			127
128	91	81	72																			128
129	91	82	72																			129
130	91	82	73																			130
131	92	83	74																			131
132	92	84	75																			132
133	92	85	75																			133
134	92	85	76																			134
135	93	86	77																			135
136	93	86	78																			136
137	93	87	78																			137
138	94	87	79																			138
139	94	88	79																			139
140	94	88	80																			140
141	94	89	81																			141
142	94	89	82																			142
143	95	90	83																			143
144	95	90	83																			144
145	95	90	84																			145
146	95	91	85																			146
147	95	91	85																			147
148	96	91	86																			148
149	96	92	86																			149
150	96	92	87																			150
151	96	93	87																			151
152	97	93	88																			152
153	97	93	88																			153
154	97	94	89																			154

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	Score
155	97	94	89																			155
156	97	94	90																			156
157	97	94	90																			157
158	97	95	91																			158
159	98	95	91																			159
160	98	95	91																			160
161	98	95	92																			161
162	98	95	92																			162
163	98	96	92																			163
164	98	96	93																			164
165	98	96	93																			165
166	98	96	94																			166
167	99	96	94																			167
168	99	96	95																			168
169	99	97	95																			169
170	99	97	95																			170
171	99	97	95																			171
172	99	97	95																			172
173	99	97	96																			173
174	99	97	96																			174
175	99	98	96																			175
176	99	98	96																			176
177	99	98	96																			177
178	99	98	96																			178
179	99	98	97																			179
180	99	98	97																			180
181	99	98	97																			181
182	99	98	97																			182
183	99	98	97																			183
184	99	98	97																			184
185	99	99	98																			185
186	99	99	98																			186

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	3.1	3.2	3.3	Score
187	99	99	98																			187
188	99	99	98																			188
189	99	99	98																			189
190	>99	99	98																			190
191		99	98																			191
192		99	98																			192
193		99	98																			193
194		99	98																			194
195		99	99																			195
196		99	99																			196
197		99	99																			197
198		99	99																			198
199		99	99																			199
200		99	99																			200
201		99	99																			201
202		>99	99																			202
203			99																			203
204			99																			204
205			99																			205
206			99																			206
207			99																			207
208			99																			208
209			99																			209
210			99																			210
211			99																			211
212			99																			212
213			99																			213
214			99																			214
215			>99																			215

Grade 4

Table 27

Descriptive Statistics for DIBELS Next Grade 4 Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	ORF	42	64	3,772	0	66	91	118	228	92.50	37.58	29.50	19.00	51.50
	ORF Errors	41	63	3,670	0	1	3	5	52	3.70	3.26			
	ORF Accuracy	41	63	3,670	0	93	97	99	100	94.32	8.10	21.70	15.80	62.40
	RTF	37	53	3,110	0	18	28	42	94	30.87	17.76	15.90	29.90	54.30
	Daze	37	53	3,129	0	10	14	19	51	14.62	6.73			
	Daze Errors	37	53	3,127	0	0	1	2	47	1.46	2.65			
	Daze Adjusted	37	53	3,127	0	9	14	19	49	14.10	7.05	26.50	28.90	44.50
	Composite	34	50	2,868	0	221	300	368	638	292.23	112.01	31.80	14.60	53.60
Winter	ORF	42	64	3,840	0	85	112	136	255	110.18	37.40	20.30	19.80	59.90
	ORF Errors	42	64	3,732	0	1	2	4	18	2.64	2.66			
	ORF Accuracy	42	64	3,732	0	96	98	99	100	96.51	5.85	14.30	13.80	71.90
	RTF	37	59	3,490	0	21	32	44	94	34.12	17.34	19.60	24.90	55.50
	Daze	38	54	3,286	0	13	17	23	49	18.30	7.52			
	Daze Errors	38	54	3,284	0	0	1	3	38	2.16	3.03			
	Daze Adjusted	38	54	3,284	0	12	17	22	49	17.47	7.90	22.40	27.40	50.20
	Composite	33	49	2,886	7	280	347	412	650	341.36	106.99	29.20	13.40	57.40
Spring	ORF	40	62	3,648	4	98	122	147	254	122.54	37.74	21.30	19.60	59.20
	ORF Errors	40	62	3,648	0	0	1	3	48	2.05	2.43			
	ORF Accuracy	40	62	3,648	18	97	99	100	100	97.54	4.82	9.80	16.70	73.50
	RTF	36	58	3,397	0	26	37	50	94	39.65	18.23	18.00	20.60	61.30
	Daze	36	52	3,113	0	21	25	31	49	26.07	8.64			
	Daze Errors	36	52	3,113	0	0	1	2	48	1.42	2.67			
	Daze Adjusted	36	52	3,113	0	21	25	31	49	25.56	8.95	21.60	18.70	59.70
	Composite	32	48	2,822	11	346	408	471	698	403.72	108.95	20.50	21.80	57.70

Table 28

DIBELS Next Percentile Ranks for Grade 4 Benchmark Assessments

Raw Score	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw Score
	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	
0				95	90	86				1	<1		<1			78	88	79	1	1	<1	0
1				82	69	60				3	1	<1	1			44	61	43	2	1	1	1
2				66	49	39				3	1	1	1	<1		25	38	22	3	2	1	2
3				50	34	25				3	1	1	2	1	<1	14	23	12	5	2	1	3
4				36	23	15				4	1	1	4	1	1	8	15	8	6	3	2	4
5				26	16	10				4	2	1	6	2	1	5	10	5	9	4	2	5
6				19	11	6				5	2	1	9	2	1	4	7	4	12	5	2	6
7				14	7	4				6	3	2	13	4	2	3	5	3	16	7	3	7
8				10	5	3				7	3	2	17	5	2	2	3	2	20	9	3	8
9	<1			7	3	2				8	4	2	20	8	3	2	3	2	24	12	4	9
10	1			4	2	1				9	5	3	25	12	3	1	2	2	29	16	4	10
11	1			3	1	1				11	6	4	31	16	4	1	2	2	34	20	5	11
12	1			2	1	1				13	7	4	37	20	5	1	1	1	40	25	7	12
13	1			2	1	<1				15	9	4	44	25	6	1	1	1	47	30	8	13
14	1			1	<1					17	10	5	50	31	8	1	1	1	53	36	9	14
15	1	<1		1						19	12	6	56	37	10	1	1	1	58	42	11	15
16	1	1		1						21	13	7	61	43	12	<1	1	1	63	47	13	16
17	2	1	<1	1						23	15	8	66	48	14		1	1	67	52	15	17
18	2	1	1	<1						25	17	9	71	53	16		1	1	72	56	18	18
19	2	1	1							27	19	10	75	58	18		1	<1	76	61	20	19
20	2	1	1							30	21	12	79	62	21		<1		80	65	23	20
21	2	1	1							32	24	13	83	67	25				84	69	27	21
22	2	1	1							35	27	15	87	72	30				87	74	32	22
23	3	1	1							37	29	17	90	76	35				90	78	37	23
24	3	1	1							39	31	19	92	79	41				92	81	43	24
25	3	1	1							42	34	22	93	83	48				93	84	50	25
26	3	1	1							45	37	24	95	86	54				95	87	56	26

Raw	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw
Score	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	Score
27	3	1	1							47	39	26	96	88	58				96	89	60	27
28	4	2	1							49	41	28	97	90	63				97	91	64	28
29	4	2	1							52	43	30	97	92	67				98	92	68	29
30	4	2	1							54	46	32	98	93	70				98	93	71	30
31	4	2	1							56	48	35	98	94	74				98	94	75	31
32	5	2	1							58	51	37	99	95	77				99	95	77	32
33	5	2	2							60	53	40	99	96	79				99	96	80	33
34	6	2	2							62	56	42	99	97	82				99	97	83	34
35	6	2	2							64	58	45	99	97	84				99	98	85	35
36	6	2	2							66	60	47	99	98	86				99	98	87	36
37	7	3	2							68	62	49	>99	98	88				>99	98	89	37
38	7	3	2							69	64	52		98	90					99	91	38
39	7	3	2							71	66	54		99	92					99	92	39
40	8	3	2							73	68	56		99	94					99	94	40
41	8	3	2							74	70	58		99	95					99	96	41
42	8	4	2							76	72	60		99	96					99	97	42
43	9	4	2							77	73	62		99	97					99	97	43
44	9	4	3							79	74	64		>99	98					>99	98	44
45	10	4	3							80	76	66			98						98	45
46	10	5	3							81	77	68			98						99	46
47	11	5	3				<1			82	78	69			99						99	47
48	11	5	3				1			83	80	71			99						99	48
49	12	6	3				1			85	81	73			>99						>99	49
50	12	6	3				1			86	82	75										50
51	13	6	3				1			87	83	76										51
52	14	7	4				1			87	84	78										52
53	15	7	4				1			88	85	79										53
54	15	8	4				1			89	86	80										54
55	16	8	4				1			90	88	81										55
56	17	8	4				1			90	88	83										56
57	17	9	5				1			91	89	84										57
58	18	9	5				1			92	90	85										58

Raw Score	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw Score
	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	
59	19	9	5				1			92	91	86										59
60	20	10	5				1			93	92	87										60
61	21	10	6				1			93	92	88										61
62	21	11	6				1			94	93	88										62
63	22	11	6				1			94	93	89										63
64	23	12	6				2		<1	95	94	90										64
65	24	13	6				2		1	95	94	91										65
66	25	13	7				2		1	96	95	91										66
67	27	14	7				2	<1	1	96	95	92										67
68	28	14	7				2	1	1	96	96	92										68
69	29	15	8				2	1	1	97	96	93										69
70	30	16	8				2	1	1	97	96	93										70
71	31	16	8				2	1	1	97	97	94										71
72	32	17	9				2	1	1	97	97	94										72
73	32	17	9				3	1	1	98	97	95										73
74	33	18	9				3	1	1	98	98	95										74
75	34	18	10				3	1	1	98	98	95										75
76	35	19	11				3	2	1	98	98	96										76
77	36	19	11				4	2	1	98	98	96										77
78	37	20	11				4	2	1	99	98	96										78
79	38	21	12				4	2	1	99	98	96										79
80	39	21	12				5	2	1	99	98	97										80
81	40	22	13				5	2	2	99	99	97										81
82	41	23	13				6	3	2	99	99	97										82
83	42	23	14				6	3	2	99	99	97										83
84	43	24	14				7	3	2	99	99	98										84
85	44	25	15				8	4	2	99	99	98										85
86	45	26	16				9	4	2	99	99	98										86
87	46	27	16				10	5	3	>99	99	98										87
88	47	28	17				11	5	3		99	98										88
89	48	28	18				13	7	3		>99	98										89
90	49	29	18				15	8	4			99										90

Raw Score	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw Score
	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	
91	50	30	19				18	9	4			99										91
92	51	31	19				20	11	5			99										92
93	52	32	20				24	13	6			99										93
94	53	33	21				28	16	8			99										94
95	54	34	22				34	19	11													95
96	55	35	22				42	25	15													96
97	56	36	23				52	33	22													97
98	57	36	24				65	46	34													98
99	58	37	25				81	67	57													99
100	59	38	26				95	90	86													100
101	60	39	27																			101
102	61	40	28																			102
103	62	41	29																			103
104	63	42	30																			104
105	64	43	31																			105
106	65	44	32																			106
107	66	45	33																			107
108	67	46	34																			108
109	67	47	34																			109
110	68	48	35																			110
111	69	49	36																			111
112	70	50	37																			112
113	71	51	39																			113
114	72	52	40																			114
115	73	53	41																			115
116	73	54	43																			116
117	74	56	44																			117
118	75	57	46																			118
119	76	58	47																			119
120	77	59	48																			120
121	77	60	49																			121
122	78	61	51																			122

Raw	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw
Score	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	Score
123	79	63	52																			123
124	80	64	53																			124
125	80	65	53																			125
126	81	66	54																			126
127	82	67	55																			127
128	82	68	56																			128
129	83	69	57																			129
130	83	70	58																			130
131	84	71	59																			131
132	84	72	61																			132
133	85	73	62																			133
134	86	73	63																			134
135	86	74	64																			135
136	87	75	65																			136
137	87	76	66																			137
138	88	77	67																			138
139	89	78	67																			139
140	89	78	68																			140
141	90	79	69																			141
142	90	80	70																			142
143	91	81	71																			143
144	91	82	72																			144
145	91	82	73																			145
146	92	83	74																			146
147	92	84	75																			147
148	92	84	76																			148
149	93	85	76																			149
150	93	86	77																			150
151	93	87	78																			151
152	94	87	78																			152
153	94	88	79																			153
154	94	88	80																			154

Raw	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw
Score	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	Score
155	95	89	80																			155
156	95	89	81																			156
157	95	89	82																			157
158	96	90	83																			158
159	96	90	83																			159
160	96	90	84																			160
161	96	91	85																			161
162	96	91	85																			162
163	96	92	85																			163
164	96	92	86																			164
165	97	93	86																			165
166	97	93	87																			166
167	97	94	88																			167
168	97	94	88																			168
169	97	95	89																			169
170	98	95	89																			170
171	98	95	90																			171
172	98	96	90																			172
173	98	96	90																			173
174	98	96	91																			174
175	98	97	91																			175
176	98	97	92																			176
177	99	97	92																			177
178	99	97	93																			178
179	99	97	93																			179
180	99	98	94																			180
181	99	98	94																			181
182	99	98	95																			182
183	99	98	95																			183
184	99	98	96																			184
185	99	98	96																			185
186	99	98	96																			186

Raw	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw
Score	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	Score
187	99	99	96																			187
188	99	99	97																			188
189	99	99	97																			189
190	99	99	97																			190
191	99	99	97																			191
192	99	99	97																			192
193	99	99	97																			193
194	>99	99	98																			194
195		99	98																			195
196		99	98																			196
197		99	98																			197
198		99	98																			198
199		99	98																			199
200		99	98																			200
201		99	98																			201
202		99	98																			202
203		99	98																			203
204		99	99																			204
205		>99	99																			205
206			99																			206
207			99																			207
208			99																			208
209			99																			209
210			99																			210
211			99																			211
212			99																			212
213			99																			213
214			99																			214
215			99																			215
216			99																			216
217			99																			217
218			99																			218

Raw	ORF			ORF Errors			ORF Accuracy			RTF			Daze			Daze Errors			Daze Adjusted			Raw
Score	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3	Score
219			99																			219
220			99																			220
221			99																			221
222			>99																			222

Grade 5

Table 29

Descriptive Statistics for DIBELS Next Grade 5 Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	ORF	29	44	2,409	4	85	111	137	251	111.91	37.85	34.80	14.50	50.70
	ORF Errors	29	44	2,409	0	1	2	4	37	2.91	2.89			
	ORF Accuracy	29	44	2,409	26	96	98	99	100	96.43	5.71	17.80	24.20	58.00
	RTF	25	34	1,826	0	20	30	41	94	31.71	17.13	28.50	28.10	43.30
	Daze	26	35	1,886	0	11	16	21	55	16.62	8.07			
	Daze Errors	26	35	1,886	0	1	1	3	39	2.09	2.69			
	Daze Adjusted	26	35	1,886	0	10	15	21	55	15.82	8.39	32.70	27.70	39.60
	Composite	24	33	1,729	10	269	334	402	634	334.83	104.58	21.40	37.70	40.90
Winter	ORF	30	45	2,435	9	102	121	150	270	125.65	36.83	22.80	25.20	52.00
	ORF Errors	30	45	2,435	0	1	2	3	23	2.36	2.23			
	ORF Accuracy	30	45	2,435	50	97	99	99	100	97.55	3.60	12.90	18.50	68.70
	RTF	26	41	2,181	0	27	38	50	94	39.70	18.44	20.10	25.20	54.70
	Daze	27	36	1,981	0	14	18	23	55	19.24	7.34			
	Daze Errors	27	36	1,978	0	1	2	4	45	2.75	3.21			
	Daze Adjusted	27	36	1,978	0	13	17	23	54	18.12	7.67	21.70	39.20	39.10
	Composite	23	32	1,699	27	319	370	435	737	375.67	99.27	22.10	28.40	49.50
Spring	ORF	29	44	2,393	2	105	133	156	307	131.73	39.14	24.20	22.80	53.00
	ORF Errors	29	44	2,393	0	1	1	3	26	2.06	2.24			
	ORF Accuracy	29	44	2,393	62	98	99	99	100	97.89	3.19	16.40	23.70	59.90
	RTF	25	40	2,160	0	29	41	56	94	43.35	19.96	17.60	21.60	60.80
	Daze	27	36	1,965	1	20	25	32	57	26.64	9.39			
	Daze Errors	27	36	1,965	0	1	2	3	45	2.47	3.04			
	Daze Adjusted	27	36	1,965	0	19	25	31	57	25.68	9.72	19.10	26.60	54.30
	Composite	23	32	1,715	22	355	421	490	790	421.66	111.26	20.60	26.50	52.90

Table 30

DIBELS Next Percentile Ranks for Grade 5 Benchmark Assessments

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	
0				92	92	88				1	<1		<1			88	92	93	1	<1		0
1				74	71	63				2	1		1			63	72	72	2	1	<1	1
2				55	47	39				2	1		1	<1		39	51	47	2	1	1	2
3				38	30	24				3	1		2	1		24	34	28	4	2	1	3
4				26	18	15				3	1	<1	3	1	<1	14	22	16	6	3	1	4
5				17	11	9				3	2	1	5	2	1	8	14	10	9	3	1	5
6				11	6	6				4	2	1	8	2	1	5	9	7	12	5	1	6
7				7	4	3				5	2	1	11	3	1	4	6	5	15	6	2	7
8				5	2	2				6	2	2	14	4	1	3	4	3	18	8	2	8
9				4	2	1				6	3	2	18	6	2	2	3	2	22	10	3	9
10				3	1	1				8	3	2	21	8	2	1	2	1	26	12	3	10
11				2	1	1				9	3	3	25	11	3	1	2	1	30	15	4	11
12				1	1	1				11	4	3	30	14	3	1	2	1	35	20	5	12
13				1	<1	<1				12	5	4	36	18	4	1	1	1	40	24	7	13
14				1						14	6	5	42	23	6	1	1	1	46	30	9	14
15				1						15	6	5	47	28	8	1	1	1	50	36	11	15
16	<1			<1						17	7	6	51	34	10	<1	1	1	55	41	14	16
17	1									19	9	7	56	41	13		1	1	59	47	18	17
18	1									21	10	8	59	48	17		1	1	62	53	21	18
19	1									23	11	9	63	53	21		1	1	67	58	25	19
20	1									25	12	10	69	59	24		1	1	72	64	29	20
21	1									27	14	12	74	64	28		<1	1	76	69	33	21
22	1									30	16	13	78	69	33			1	80	73	37	22
23	1									32	18	15	81	73	38			1	83	76	43	23
24	1									35	19	17	84	77	44			1	85	80	48	24
25	1									38	22	19	86	81	48			<1	87	83	52	25
26	1	<1								42	24	20	88	84	53				89	86	56	26

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	Score
27	1	1								44	26	22	89	86	57				90	88	60	27
28	1	1								47	28	23	91	88	60				91	90	63	28
29	1	1								49	30	25	92	90	64				92	91	67	29
30	2	1								51	33	27	93	91	68				93	93	70	30
31	2	1								53	35	30	94	93	71				94	94	74	31
32	2	1								56	37	31	95	95	74				95	95	77	32
33	2	1	<1							58	40	33	96	96	77				96	96	79	33
34	2	1	1							60	42	36	97	96	81				97	97	82	34
35	2	1	1							63	44	38	97	97	83				97	97	85	35
36	2	1	1							66	47	40	98	97	85				98	98	86	36
37	2	1	1							68	49	42	98	98	87				98	98	87	37
38	2	1	1							69	51	44	99	98	88				99	99	89	38
39	3	1	1							71	53	46	99	99	89				99	99	90	39
40	3	1	1							73	56	48	99	99	90				99	99	91	40
41	3	1	1							75	58	50	>99	99	92				>99	99	92	41
42	3	1	1							76	59	51		99	93					99	94	42
43	3	1	1							77	62	54		99	94					99	95	43
44	3	1	1							79	64	56		>99	95					>99	95	44
45	3	2	1							81	66	58			96						96	45
46	3	2	2							82	67	59			96						97	46
47	3	2	2							83	69	61			97						97	47
48	4	2	2							84	71	63			97						98	48
49	4	2	2							85	73	65			98						98	49
50	4	2	2							86	75	67			98						98	50
51	4	2	2							87	76	68			98						98	51
52	5	2	2							87	78	70			99						99	52
53	5	2	2							88	79	71			99						99	53
54	5	2	2							89	80	73			99						99	54
55	6	2	2							90	82	74			99						99	55
56	6	3	3							90	83	76			>99						>99	56
57	6	3	3				<1			91	83	77										57
58	7	3	3				1			92	84	78										58

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	
59	7	3	3				1			92	85	79										59
60	7	3	3				1			93	86	80										60
61	8	3	3				1			94	87	82										61
62	9	3	3				1			94	87	83										62
63	9	3	4				1			95	88	84										63
64	10	3	4				1			95	89	85										64
65	11	4	4				1			95	90	86										65
66	11	4	5				1			96	90	87										66
67	12	4	5				1			96	91	88										67
68	12	4	5				1			97	91	88										68
69	13	5	5				1			97	92	89										69
70	13	5	6				1			97	93	90										70
71	14	5	6				1			97	93	90										71
72	15	6	6				1			98	94	91										72
73	16	6	6				1	<1		98	94	91										73
74	16	7	7				1	1		98	95	92										74
75	17	7	7				1	1		98	95	92										75
76	17	8	7				1	1		98	95	93										76
77	18	8	8				1	1		98	96	93										77
78	19	9	8				1	1		99	96	93										78
79	20	9	9				2	1	<1	99	96	94										79
80	21	10	9				2	1	1	99	97	94										80
81	22	10	10				2	1	1	99	97	94										81
82	23	11	10				2	1	1	99	97	95										82
83	24	12	11				3	1	1	99	98	95										83
84	25	12	12				3	1	1	99	98	95										84
85	26	12	12				3	1	1	99	98	96										85
86	26	13	13				3	1	1	99	98	96										86
87	27	13	13				4	1	2	99	98	96										87
88	28	14	13				4	2	2	>99	98	97										88
89	29	14	14				5	2	2		99	97										89
90	30	15	14				6	2	2		99	97										90

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	
91	30	16	15				8	3	3		99	98										91
92	31	16	15				10	4	4		99	98										92
93	32	17	16				12	5	6		99	98										93
94	33	18	16				16	8	7		>99	99										94
95	34	18	17				20	11	10													95
96	35	19	18				27	16	14													96
97	36	20	18				37	26	20													97
98	38	21	19				50	41	32													98
99	39	21	20				71	66	58													99
100	40	22	21				92	92	88													100
101	41	23	22																			101
102	41	25	22																			102
103	42	26	23																			103
104	43	27	24																			104
105	44	28	25																			105
106	45	29	26																			106
107	46	31	27																			107
108	47	32	28																			108
109	48	33	29																			109
110	49	35	30																			110
111	50	36	31																			111
112	51	38	31																			112
113	52	40	32																			113
114	53	42	33																			114
115	53	43	34																			115
116	54	45	36																			116
117	55	46	37																			117
118	56	47	37																			118
119	57	48	38																			119
120	58	49	39																			120
121	59	50	40																			121
122	60	51	41																			122

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	Score
123	61	51	42																			123
124	62	52	42																			124
125	63	53	43																			125
126	64	54	44																			126
127	65	55	44																			127
128	65	55	46																			128
129	66	56	47																			129
130	67	57	48																			130
131	68	58	49																			131
132	69	59	49																			132
133	70	60	50																			133
134	72	60	51																			134
135	73	61	52																			135
136	74	62	54																			136
137	75	63	55																			137
138	76	64	56																			138
139	77	65	57																			139
140	77	66	58																			140
141	78	67	58																			141
142	78	68	59																			142
143	79	69	60																			143
144	80	70	61																			144
145	80	70	62																			145
146	81	71	63																			146
147	81	72	65																			147
148	82	73	66																			148
149	83	74	67																			149
150	83	75	68																			150
151	84	76	69																			151
152	85	77	70																			152
153	85	78	71																			153
154	86	79	72																			154

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	Score
155	86	79	74																			155
156	87	80	75																			156
157	87	81	76																			157
158	88	81	76																			158
159	88	82	77																			159
160	89	82	78																			160
161	90	83	79																			161
162	90	84	79																			162
163	90	84	80																			163
164	91	85	81																			164
165	91	85	81																			165
166	92	86	82																			166
167	93	86	83																			167
168	93	87	83																			168
169	94	87	84																			169
170	94	87	84																			170
171	94	88	85																			171
172	94	89	85																			172
173	94	89	85																			173
174	95	90	86																			174
175	95	90	86																			175
176	96	91	87																			176
177	96	91	87																			177
178	96	91	88																			178
179	96	92	88																			179
180	97	92	89																			180
181	97	92	89																			181
182	97	93	90																			182
183	97	93	90																			183
184	98	94	90																			184
185	98	94	90																			185
186	98	94	91																			186

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	Score
187	98	95	92																			187
188	98	95	92																			188
189	98	95	93																			189
190	98	96	94																			190
191	98	96	94																			191
192	98	96	94																			192
193	98	96	95																			193
194	98	96	95																			194
195	99	97	95																			195
196	99	97	96																			196
197	99	97	96																			197
198	99	97	96																			198
199	99	98	97																			199
200	99	98	97																			200
201	99	98	97																			201
202	99	98	97																			202
203	99	98	97																			203
204	99	98	97																			204
205	99	98	97																			205
206	99	99	97																			206
207	99	99	97																			207
208	99	99	98																			208
209	99	99	98																			209
210	99	99	98																			210
211	99	99	98																			211
212	99	99	98																			212
213	99	99	98																			213
214	99	99	98																			214
215	99	99	98																			215
216	>99	99	98																			216
217		99	98																			217
218		99	98																			218

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.3	
219		99	98																			219
220		99	99																			220
221		99	99																			221
222		99	99																			222
223		99	99																			223
224		99	99																			224
225		99	99																			225
226		99	99																			226
227		99	99																			227
228		99	99																			228
229		99	99																			229
230		>99	99																			230
231			99																			231
232			99																			232
233			99																			233
234			99																			234
235			99																			235
236			99																			236
237			99																			237
238			99																			238
239			>99																			239

Grade 6

Table 31

Descriptive Statistics for DIBELS Next Grade 6 Measures

Benchmark time	Measure	Districts	Schools	Students	Min	Lower Quartile	Median	Upper Quartile	Max	Mean	SD	Percent		
												Well Below Benchmark	Below Benchmark	Benchmark
Fall	ORF	16	23	1,456	0	110	129	153	266	129.76	33.48	9.30	11.30	79.40
	ORF Errors	16	23	1,453	0	1	2	3	157	2.48	5.33			
	ORF Accuracy	16	23	1,453	0	97	99	99	100	97.57	5.26	5.20	12.00	82.70
	RTF	14	20	1,076	0	23	33	45	94	34.83	17.87	11.60	23.50	64.90
	Daze	14	20	1,081	0	16	20	24	58	20.59	7.40			
	Daze Errors	14	20	1,081	0	0	0	1	65	1.09	3.06			
	Daze Adjusted	14	20	1,081	0	16	19	24	55	20.25	7.51	14.20	18.90	66.90
	Composite	14	20	1,073	0	329	382	435	686	382.37	93.30	9.70	21.90	68.40
Winter	ORF	17	24	1,485	0	110	132	157	292	134.01	37.80	12.30	11.40	76.40
	ORF Errors	17	24	1,485	0	1	2	3	16	2.44	2.50			
	ORF Accuracy	17	24	1,485	0	97	99	99	100	97.55	4.44	7.30	10.00	82.70
	RTF	16	23	1,437	0	26	37	50	94	39.34	18.48	9.30	19.80	71.00
	Daze	16	22	1,183	0	19	25	31	64	25.54	9.60			
	Daze Errors	16	22	1,183	0	1	1	3	40	2.35	3.07			
	Daze Adjusted	16	22	1,183	0	18	24	30	64	24.60	9.87	11.30	16.70	71.90
	Composite	15	21	1,077	24	342	404	477	804	408.11	111.00	10.90	18.80	70.30
Spring	ORF	17	24	1,484	11	119	142	167	305	142.62	36.85	9.20	15.90	74.90
	ORF Errors	17	24	1,484	0	1	1	3	43	2.13	2.52			
	ORF Accuracy	17	24	1,484	58	98	99	99	100	98.06	3.04	9.90	11.90	78.20
	RTF	16	23	1,449	0	30	42	56	94	44.63	19.72	12.30	14.90	72.80
	Daze	16	22	1,181	0	20	25	31	63	25.83	8.77			
	Daze Errors	16	22	1,180	0	1	2	3	42	2.49	4.05			
	Daze Adjusted	16	22	1,180	0	19	24	30	63	24.83	9.21	12.00	18.00	70.00
	Composite	15	21	1,100	37	369	429	497	807	430.27	105.33	13.30	15.30	71.50

Table 32

DIBELS Next Percentile Ranks for Grade 6 Benchmark Assessments

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	
0				90	90	88				2						74	88	90	<1	<1	<1	0
1				68	68	63				3	<1					35	62	66	1	1	1	1
2				46	47	40				3	1					16	41	40	1	1	1	2
3				29	30	25				3	1		<1			8	27	23	1	1	1	3
4				18	19	15				3	1		1	<1		5	18	15	1	1	1	4
5				11	13	10				4	1		1	1		3	12	10	2	2	1	5
6				7	9	7				4	1	<1	1	1	<1	2	8	7	2	2	2	6
7				4	6	4				4	1	1	2	1	1	1	6	6	3	2	2	7
8				3	4	2				5	2	1	3	2	1	1	4	5	4	3	3	8
9				2	3	2				5	2	1	4	2	2	1	3	4	5	4	4	9
10				1	2	1				6	3	1	6	3	2	1	3	3	6	5	5	10
11				1	1	1				7	3	1	7	4	3	1	2	3	8	7	6	11
12				1	1	1				7	4	2	9	6	5	1	2	2	10	9	8	12
13				1	1	1				8	5	2	12	8	7	1	1	2	13	11	10	13
14				<1	1	<1				9	6	2	16	9	8	<1	1	2	17	12	11	14
15					<1					11	7	3	20	12	10		1	2	22	15	13	15
16										12	8	4	24	15	12		1	2	26	18	15	16
17										14	9	5	28	18	15		1	2	30	22	18	17
18										16	10	5	36	22	18		1	2	38	26	22	18
19										18	12	6	45	27	21		1	2	47	30	25	19
20										20	14	7	52	30	24		<1	1	54	34	28	20
21										22	15	9	59	34	28			1	61	37	32	21
22										24	17	10	65	38	34			1	66	42	38	22
23										26	18	12	69	42	40			1	71	46	44	23
24										28	20	13	74	46	45			1	75	50	49	24
25										31	22	16	78	51	49			1	79	55	53	25
26										34	25	17	81	57	54			1	82	60	58	26

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	
27										36	26	19	84	61	58			1	85	64	62	27
28										39	28	21	86	64	62			1	87	67	65	28
29										41	30	23	88	68	67			1	88	70	69	29
30	<1									43	32	24	90	71	71			1	90	74	74	30
31	1	<1								46	35	26	91	74	76			1	92	76	78	31
32	1	1								48	38	28	92	76	79			1	93	78	80	32
33	1	1								50	41	30	94	79	82			<1	94	81	83	33
34	1	1								53	44	33	95	82	84				95	83	85	34
35	1	1								55	46	36	96	84	86				96	85	87	35
36	1	1								58	49	38	96	87	87				97	88	88	36
37	1	1								60	51	40	97	89	89				97	90	90	37
38	1	1								62	53	42	98	90	90				98	91	91	38
39	1	1								63	55	44	98	92	92				98	93	92	39
40	1	1								65	57	46	98	93	93				98	94	94	40
41	1	1	<1							66	59	48	99	94	94				99	95	95	41
42	1	1	1							68	61	51	99	95	96				99	95	96	42
43	1	1	1							70	63	53	99	95	97				99	96	97	43
44	1	1	1							72	65	55	99	96	98				99	96	98	44
45	1	1	1							74	67	57	99	97	98				99	97	98	45
46	2	1	1							76	69	59	99	97	99				99	97	99	46
47	2	1	1							77	70	61	99	97	99				99	98	99	47
48	2	1	1							79	72	63	99	98	99				99	98	99	48
49	2	2	1							80	73	65	>99	98	99				>99	98	99	49
50	2	2	1							81	75	66		98	99					98	99	50
51	2	2	1							83	76	68		98	99					99	99	51
52	2	2	1							84	78	69		99	99					99	>99	52
53	2	2	1							85	79	70		99	99					99		53
54	2	2	1							86	81	72		99	99					99		54
55	2	2	1							87	83	74		99	>99					99		55
56	2	2	2							88	84	75		99						99		56
57	3	2	2							89	85	77		99						99		57
58	3	3	2							90	86	78		>99						>99		58

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	
59	3	3	2							90	87	79										59
60	3	3	2							91	87	80										60
61	3	3	2							92	88	81										61
62	3	3	2							92	88	82										62
63	3	3	2							93	88	83										63
64	3	3	2							93	89	84										64
65	3	3	3							94	90	85										65
66	4	3	3							95	91	86										66
67	4	4	3							95	91	86										67
68	4	4	3							95	92	87										68
69	4	4	3				<1			95	92	88										69
70	4	4	3				1			96	93	89										70
71	4	4	3				1			96	93	89										71
72	4	4	3				1			97	93	90										72
73	4	5	3				1			97	94	90										73
74	4	5	3				1			97	95	91										74
75	4	5	3				1	<1		97	95	91										75
76	5	5	4				1	1		97	95	91										76
77	5	6	4				1	1		97	96	92										77
78	5	6	5				1	1	<1	97	96	93										78
79	6	6	5				1	1	1	98	96	93										79
80	6	7	5				1	1	1	98	96	93										80
81	6	7	5				1	1	1	98	97	94										81
82	6	7	6				1	1	1	98	97	94										82
83	7	8	6				1	1	1	99	97	94										83
84	7	8	6				1	1	1	99	97	94										84
85	7	9	7				2	2	1	99	98	95										85
86	8	9	7				2	2	1	99	98	95										86
87	8	10	7				2	2	1	99	98	95										87
88	8	10	7				2	2	2	99	98	95										88
89	9	11	7				2	3	2	>99	98	95										89
90	10	11	8				3	3	2		98	96										90

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	
91	10	12	8				3	4	3		98	96										91
92	11	13	8				4	5	3		99	97										92
93	12	13	8				5	7	4		99	97										93
94	12	14	9				6	9	6		99	98										94
95	13	14	9				9	12	8													95
96	14	14	10				14	15	12													96
97	14	15	10				22	22	18													97
98	15	15	11				37	37	30													98
99	16	16	11				64	63	56													99
100	17	17	11				90	90	88													100
101	18	17	12																			101
102	18	18	12																			102
103	19	19	13																			103
104	20	20	13																			104
105	20	21	14																			105
106	20	21	14																			106
107	21	22	15																			107
108	22	23	15																			108
109	23	24	16																			109
110	25	25	17																			110
111	27	26	18																			111
112	28	26	19																			112
113	29	27	20																			113
114	31	28	21																			114
115	33	28	21																			115
116	34	30	22																			116
117	35	31	23																			117
118	36	32	24																			118
119	37	34	25																			119
120	38	35	25																			120
121	40	36	26																			121
122	41	37	27																			122

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	Score
123	42	38	28																			123
124	43	39	29																			124
125	45	40	29																			125
126	46	42	30																			126
127	48	43	32																			127
128	49	45	33																			128
129	50	46	34																			129
130	51	47	35																			130
131	52	48	36																			131
132	54	49	37																			132
133	54	51	39																			133
134	56	52	40																			134
135	57	53	42																			135
136	58	54	43																			136
137	59	55	44																			137
138	60	56	45																			138
139	61	57	46																			139
140	62	58	48																			140
141	63	59	49																			141
142	64	60	50																			142
143	65	61	51																			143
144	67	62	52																			144
145	68	63	53																			145
146	68	65	54																			146
147	69	65	56																			147
148	70	66	57																			148
149	71	67	58																			149
150	72	68	59																			150
151	73	69	60																			151
152	74	70	60																			152
153	76	72	61																			153
154	77	72	62																			154

Raw Score	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw Score
	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	
155	78	73	63																			155
156	80	74	64																			156
157	81	75	64																			157
158	82	76	65																			158
159	83	77	67																			159
160	83	78	68																			160
161	84	78	68																			161
162	84	79	70																			162
163	85	80	71																			163
164	86	80	72																			164
165	87	81	73																			165
166	88	81	74																			166
167	88	82	75																			167
168	89	83	76																			168
169	89	83	77																			169
170	90	84	78																			170
171	91	84	79																			171
172	91	85	80																			172
173	92	85	81																			173
174	92	86	81																			174
175	93	87	82																			175
176	93	87	82																			176
177	94	88	83																			177
178	94	88	84																			178
179	95	89	84																			179
180	95	89	85																			180
181	95	90	86																			181
182	95	91	86																			182
183	96	91	87																			183
184	96	92	88																			184
185	96	92	88																			185
186	96	92	89																			186

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	Score
187	97	92	90																			187
188	97	93	90																			188
189	97	93	91																			189
190	97	93	91																			190
191	97	94	92																			191
192	97	94	92																			192
193	97	94	92																			193
194	97	94	93																			194
195	97	94	93																			195
196	97	95	93																			196
197	98	95	94																			197
198	98	95	94																			198
199	98	95	95																			199
200	98	96	95																			200
201	98	96	95																			201
202	98	96	95																			202
203	98	96	96																			203
204	98	96	96																			204
205	98	96	96																			205
206	99	96	96																			206
207	99	96	96																			207
208	99	96	96																			208
209	99	97	96																			209
210	99	97	97																			210
211	99	97	97																			211
212	99	97	97																			212
213	99	97	98																			213
214	99	97	98																			214
215	99	98	98																			215
216	99	98	98																			216
217	99	98	98																			217
218	99	98	98																			218

Raw	ORF			ORF Errors			ORF Accuracy			Retell			Daze			Daze Errors			Daze Adjusted			Raw
Score	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	6.1	6.2	6.3	Score
219	99	98	98																			219
220	99	98	98																			220
221	99	99	98																			221
222	99	99	99																			222
223	99	99	99																			223
224	99	99	99																			224
225	99	99	99																			225
226	99	99	99																			226
227	>99	99	99																			227
228		99	99																			228
229		99	99																			229
230		99	99																			230
231		99	99																			231
232		99	99																			232
233		99	99																			233
234		99	99																			234
235		99	99																			235
236		99	>99																			236
237		99																				237
238		99																				238
239		99																				239
240		99																				240
241		99																				241
242		99																				242
243		99																				243
244		99																				244
245		99																				245
246		99																				246
247		99																				247
248		99																				248
249		>99																				249

DIBELS Next Composite

Table 33

DIBELS Next Percentile Ranks for DIBELS Next Composite Scores

Raw Score	Composite K.1	K.2	K.3	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	Raw Score
0	3					<1																0
1	7					1																1
2	9	<1				1	<1															2
3	11	1				1	1															3
4	13	1				1	1															4
5	15	1				1	1															5
6	17	1				1	2															6
7	18	1		<1		2	2															7
8	20	1		1		2	2															8
9	22	1		1	<1	2	3															9
10	23	1		1	1	2	3	<1														10
11	24	1		1	1	3	3	1														11
12	26	1		1	1	3	3	1														12
13	27	1		1	1	3	4	1														13
14	29	2		1	1	4	4	1														14
15	31	2	<1	1	1	4	4	1		<1												15
16	32	2	1	1	1	4	4	1		1												16
17	34	2	1	1	1	4	5	1		1												17
18	35	2	1	1	1	4	5	1	<1	1			<1									18
19	37	2	1	1	1	5	5	1	1	1			1									19
20	38	2	1	1	1	5	5	1	1	1			1									20
21	40	2	1	1	2	5	5	1	1	1			1									21
22	41	3	1	1	2	5	5	1	1	1			1									22
23	43	3	1	2	2	6	6	1	1	1			1									23
24	44	3	1	2	2	6	6	1	1	1			1									24

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
25	46	3	1	2	2	6	6	1	1	1			1									25
26	47	3	1	2	2	6	6	1	1	1			1									26
27	49	3	1	2	2	6	6	2	1	1			1									27
28	51	3	1	2	3	6	6	2	1	1			1									28
29	52	4	1	2	3	7	6	2	1	1			1									29
30	53	4	1	2	3	7	6	2	1	1			1									30
31	55	4	1	2	3	7	7	2	2	1			1									31
32	56	4	1	2	4	7	7	2	2	1			1									32
33	58	4	1	3	4	7	7	2	2	2			1									33
34	59	4	1	3	4	8	7	2	2	2			1									34
35	60	5	2	3	4	8	7	2	2	2			1									35
36	62	5	2	3	5	8	7	2	2	2			1									36
37	63	5	2	3	5	8	7	3	2	2			1									37
38	64	5	2	3	5	8	7	3	2	2		<1	1									38
39	66	5	2	3	5	9	8	3	2	2		1	1									39
40	67	6	2	4	5	9	8	3	2	2		1	1									40
41	68	6	2	4	6	9	8	3	2	2		1	1									41
42	69	6	2	4	6	9	8	3	2	2	<1	1	1									42
43	70	6	2	4	6	9	8	3	2	3	1	1	1									43
44	71	6	2	4	6	9	8	4	3	3	1	1	1									44
45	72	7	2	5	7	9	8	4	3	3	1	1	1									45
46	73	7	2	5	7	9	9	4	3	3	1	1	2		<1							46
47	74	7	2	5	7	10	9	4	3	3	1	1	2		1							47
48	75	7	2	5	8	10	9	4	3	3	1	1	2		1							48
49	76	7	3	5	8	10	9	5	3	3	1	1	2		1							49
50	77	8	3	6	8	10	9	5	3	3	1	1	2	<1	1					<1		50
51	78	8	3	6	8	10	9	5	3	4	1	1	2	1	1					1		51
52	79	8	3	6	9	10	9	5	3	4	1	1	2	1	1	<1				1		52
53	80	8	3	6	9	10	9	5	3	4	1	1	2	1	1	1				1		53
54	81	8	3	7	9	10	9	5	3	4	1	1	2	1	1	1				1		54
55	82	9	3	7	9	10	10	6	4	4	1	1	2	1	1	1				1		55
56	82	9	3	7	10	11	10	6	4	4	1	1	2	1	1	1				1		56

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
57	83	9	3	7	10	11	10	6	4	4	1	1	2	1	1	1				1		57
58	84	10	3	8	10	11	10	6	4	4	1	1	2	1	1	1	<1			1		58
59	85	10	4	8	11	11	10	6	4	5	1	1	2	1	1	1	1		<1	1		59
60	86	10	4	8	11	11	10	6	4	5	1	1	2	1	1	1	1		1	1		60
61	87	10	4	8	11	12	10	7	4	5	1	1	2	1	1	1	1		1	1		61
62	87	11	4	8	11	12	11	7	4	5	2	1	2	1	1	1	1		1	1		62
63	88	11	4	9	12	12	11	7	4	5	2	1	3	1	1	1	1		1	1		63
64	89	11	5	9	12	12	11	7	5	5	2	1	3	1	1	1	1		1	1		64
65	89	12	5	10	12	12	11	7	5	5	2	1	3	1	1	1	1		1	1		65
66	90	12	5	10	12	12	11	7	5	6	2	1	3	1	1	1	1		1	1		66
67	91	12	5	10	13	12	11	8	5	6	2	1	3	1	1	1	1		1	1		67
68	91	12	6	10	13	13	11	8	5	6	2	1	3	1	1	1	1		1	1		68
69	92	13	6	11	13	13	11	8	5	6	2	2	3	1	1	1	1		1	1		69
70	92	13	6	11	14	13	12	8	5	6	2	2	3	1	1	1	1		1	1		70
71	93	13	6	12	14	13	12	8	5	6	2	2	3	1	1	1	1		1	1		71
72	93	14	7	12	14	13	12	8	5	7	2	2	3	1	1	1	1		1	1		72
73	94	14	7	13	15	13	12	8	5	7	2	2	4	1	1	1	1		1	1		73
74	94	14	8	13	15	14	12	8	6	7	3	2	4	1	1	1	1		1	1		74
75	94	15	8	14	15	14	12	9	6	7	3	2	4	1	1	1	1		1	1		75
76	95	15	8	14	16	14	13	9	6	7	3	2	4	1	1	1	1		1	1		76
77	95	16	8	15	16	14	13	9	6	7	3	2	4	1	1	1	1		1	1		77
78	95	16	9	15	16	14	13	9	6	7	3	2	4	1	1	1	1		1	1		78
79	96	16	9	15	17	14	13	9	6	7	3	2	4	1	1	1	1		1	1		79
80	96	17	9	16	17	15	13	9	6	7	3	2	4	1	1	1	1		1	1		80
81	96	17	9	17	18	15	13	10	6	8	3	2	4	1	1	1	1		1	1		81
82	97	17	10	17	18	15	14	10	6	8	3	2	4	2	1	1	1		1	1		82
83	97	18	10	18	18	15	14	10	6	8	3	2	4	2	1	2	1		1	1		83
84	97	18	10	18	19	16	14	10	7	8	3	3	5	2	1	2	1	<1	1	1		84
85	97	19	11	19	19	16	14	10	7	8	3	3	5	2	1	2	1	1	1	1		85
86	98	19	11	19	20	16	15	10	7	8	3	3	5	2	1	2	1	1	1	1		86
87	98	20	11	20	20	16	15	10	7	9	3	3	5	2	1	2	1	1	1	1	<1	87
88	98	20	12	21	20	17	15	10	7	9	3	3	5	2	1	2	1	1	1	1	1	88

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
89	98	20	12	21	21	17	15	11	7	9	4	3	5	2	1	2	1	1	1	1	1	89
90	98	21	13	22	21	17	15	11	7	9	4	3	5	2	1	2	1	1	1	1	1	90
91	98	21	13	23	21	17	16	11	7	9	4	3	5	2	1	2	1	1	1	1	1	91
92	99	22	14	24	22	18	16	11	7	9	4	3	5	2	1	2	1	1	1	1	1	92
93	99	23	14	24	22	18	16	11	7	9	4	3	5	2	1	2	1	1	1	1	1	93
94	99	23	15	25	23	18	17	11	7	9	4	3	5	2	1	2	1	1	1	1	1	94
95	99	23	15	26	23	18	17	12	7	10	4	3	5	2	1	2	1	1	1	1	1	95
96	99	24	16	27	23	18	17	12	7	10	4	3	5	2	1	2	1	1	1	1	1	96
97	99	24	16	27	24	19	17	12	7	10	4	3	6	2	1	2	1	1	1	1	1	97
98	99	25	17	28	24	19	18	12	8	10	4	3	6	2	1	2	1	1	1	1	1	98
99	99	25	18	29	25	19	18	12	8	10	5	3	6	2	1	2	1	1	1	1	1	99
100	99	26	18	30	25	19	18	12	8	10	5	3	6	2	1	2	1	1	1	1	1	100
101	99	26	19	31	25	20	19	13	8	10	5	4	6	3	1	2	1	1	1	1	1	101
102	99	27	19	32	26	20	19	13	8	11	5	4	6	3	2	2	1	1	1	1	1	102
103	99	27	20	33	26	20	19	13	8	11	5	4	6	3	2	2	1	1	1	1	1	103
104	99	28	21	34	27	20	19	13	8	11	5	4	6	3	2	2	1	1	1	1	1	104
105	>99	28	21	35	27	21	20	13	8	11	5	4	7	3	2	2	1	1	1	1	1	105
106		29	22	36	27	21	20	13	8	11	5	4	7	3	2	2	1	1	1	1	1	106
107		29	23	37	28	21	20	13	8	11	5	4	7	3	2	2	1	1	1	1	1	107
108		30	23	38	28	21	20	13	8	11	5	4	7	3	2	2	1	1	1	1	1	108
109		30	24	39	29	22	21	13	8	11	5	4	7	3	2	2	1	1	1	1	1	109
110		31	25	40	29	22	21	13	8	12	6	4	7	3	2	2	1	1	1	1	1	110
111		31	26	41	30	22	22	13	9	12	6	4	7	3	2	2	1	1	1	1	1	111
112		32	26	42	30	22	22	14	9	12	6	4	7	3	2	2	1	1	1	1	1	112
113		33	27	43	31	23	22	14	9	12	6	4	7	3	2	2	1	1	1	1	1	113
114		33	28	44	31	23	23	14	9	12	6	4	8	3	2	2	1	1	1	1	1	114
115		34	29	46	31	23	23	14	9	13	6	4	8	3	2	2	1	1	1	1	1	115
116		34	29	47	32	24	23	14	9	13	6	4	8	3	2	2	1	1	1	1	1	116
117		35	30	48	32	24	24	14	9	13	6	4	8	3	2	3	1	1	1	1	1	117
118		36	31	49	33	24	24	14	9	13	6	4	8	3	2	3	1	1	1	1	1	118
119		36	32	50	33	25	24	14	9	13	6	4	8	3	2	3	1	1	1	1	1	119
120		37	33	51	34	25	25	15	9	13	6	4	8	4	2	3	1	1	1	1	1	120

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
121		38	34	52	34	25	25	15	9	13	7	5	8	4	2	3	1	1	1	1	1	121
122		38	35	53	34	26	25	15	10	13	7	5	9	4	2	3	1	1	1	1	1	122
123		39	36	54	35	26	25	15	10	13	7	5	9	4	2	3	1	1	1	1	1	123
124		39	37	55	36	26	26	15	10	14	7	5	9	4	2	3	1	1	1	1	1	124
125		40	38	56	36	26	26	16	10	14	7	5	9	4	2	3	1	1	1	1	1	125
126		41	39	57	37	27	27	16	10	14	7	5	9	4	2	3	1	1	1	2	1	126
127		41	40	58	37	27	27	16	10	14	7	5	9	4	2	3	1	1	1	2	1	127
128		42	41	59	38	27	27	16	10	14	7	5	9	4	2	3	1	1	2	2	1	128
129		43	42	60	38	27	28	16	11	14	7	5	9	4	2	3	1	1	2	2	1	129
130		44	43	61	39	28	28	16	11	15	7	5	9	4	2	3	1	1	2	2	1	130
131		44	45	62	39	28	29	17	11	15	8	5	9	4	2	3	1	1	2	2	1	131
132		45	46	63	40	29	29	17	11	15	8	5	10	4	2	3	1	1	2	2	1	132
133		46	47	64	40	29	29	17	11	15	8	5	10	4	2	3	1	1	2	2	1	133
134		47	47	65	41	29	30	17	11	15	8	5	10	4	2	3	1	1	2	2	1	134
135		47	48	66	41	30	30	17	11	15	8	5	10	5	2	3	1	1	2	2	1	135
136		48	49	67	42	30	31	17	11	16	8	5	10	5	2	4	2	1	2	2	1	136
137		48	50	68	42	30	31	17	12	16	8	5	10	5	2	4	2	1	2	2	1	137
138		49	52	69	42	31	31	18	12	16	8	5	10	5	2	4	2	1	2	2	1	138
139		50	53	70	43	31	32	18	12	16	8	5	10	5	2	4	2	1	2	2	1	139
140		51	54	71	44	31	32	18	12	16	8	5	10	5	2	4	2	1	2	2	1	140
141		52	55	71	44	32	33	18	12	16	8	5	11	5	2	4	2	1	2	2	1	141
142		52	56	72	44	32	33	18	12	17	8	5	11	5	2	4	2	1	2	2	1	142
143		53	57	73	45	32	33	19	12	17	8	5	11	5	2	4	2	1	2	2	1	143
144		53	58	74	45	33	34	19	12	17	8	5	11	5	2	4	2	1	2	2	1	144
145		54	59	74	46	33	34	19	13	17	9	5	11	5	3	4	2	1	2	2	1	145
146		55	60	75	46	34	34	19	13	17	9	6	12	5	3	4	2	1	2	2	1	146
147		55	61	76	47	34	35	19	13	18	9	6	12	5	3	4	2	2	2	2	1	147
148		56	62	77	47	34	35	19	13	18	9	6	12	5	3	4	2	2	2	2	1	148
149		57	63	77	48	34	36	20	13	18	9	6	12	5	3	4	2	2	2	2	1	149
150		57	64	78	48	35	36	20	13	18	9	6	12	5	3	4	2	2	2	2	1	150
151		58	65	79	49	35	37	20	13	18	9	6	12	5	3	4	2	2	2	2	1	151
152		59	65	79	49	36	37	20	13	18	9	6	12	6	3	5	2	2	2	2	1	152

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
153		60	66	80	50	36	37	20	13	19	9	6	12	6	3	5	2	2	2	2	1	153
154		61	67	80	50	36	38	20	14	19	9	6	13	6	3	5	2	2	2	2	1	154
155		61	68	81	50	37	38	21	14	19	9	6	13	6	3	5	2	2	2	2	1	155
156		62	69	82	51	37	39	21	14	19	10	6	13	6	3	5	3	2	2	2	1	156
157		63	70	82	51	38	39	21	14	20	10	6	13	6	3	5	3	2	2	2	1	157
158		64	71	83	52	38	40	21	14	20	10	6	13	6	3	5	3	2	2	2	1	158
159		64	71	83	52	39	40	22	14	20	10	6	13	6	3	5	3	2	2	2	1	159
160		65	72	84	53	39	41	22	14	20	10	7	13	6	3	5	3	2	2	3	1	160
161		66	73	84	53	39	42	22	14	20	10	7	13	6	3	5	3	2	2	3	2	161
162		66	74	85	54	40	42	22	14	20	10	7	14	6	3	5	3	2	2	3	2	162
163		67	74	85	54	40	43	23	14	21	11	7	14	6	3	5	3	2	2	3	2	163
164		68	75	85	55	41	43	23	15	21	11	7	14	7	3	5	3	2	2	3	2	164
165		69	76	86	55	41	44	23	15	21	11	7	14	7	3	6	3	2	2	3	2	165
166		69	77	86	56	42	44	24	15	21	11	7	14	7	3	6	3	2	2	3	2	166
167		70	77	87	56	42	45	24	15	21	11	7	14	7	3	6	3	2	2	3	2	167
168		71	78	87	56	42	45	24	15	22	11	7	14	7	3	6	3	2	2	3	2	168
169		71	79	87	57	43	46	24	15	22	11	7	15	7	3	6	3	2	2	3	2	169
170		72	79	88	57	43	46	25	15	22	11	7	15	7	3	6	3	2	2	3	2	170
171		72	80	88	57	44	47	25	16	22	11	7	15	7	3	6	3	2	2	3	2	171
172		73	80	89	58	44	47	25	16	23	11	7	15	7	3	7	3	2	2	3	2	172
173		74	81	89	58	45	48	26	16	23	12	7	16	7	3	7	3	2	2	3	2	173
174		74	82	89	59	45	48	26	16	23	12	7	16	7	3	7	3	2	2	3	2	174
175		75	82	90	59	46	49	26	16	23	12	8	16	7	3	7	3	2	2	3	2	175
176		76	83	90	60	46	49	26	16	23	12	8	16	7	3	7	3	2	2	3	2	176
177		76	83	91	60	47	50	27	16	24	12	8	16	8	3	7	3	2	2	3	2	177
178		77	84	91	60	47	50	27	17	24	12	8	16	8	3	7	3	2	2	3	2	178
179		78	84	91	61	48	51	27	17	24	12	8	16	8	4	7	3	2	3	3	2	179
180		78	85	91	61	48	51	27	17	25	12	8	17	8	4	7	3	2	3	3	2	180
181		79	85	92	61	48	52	27	17	25	12	8	17	8	4	8	3	2	3	3	2	181
182		80	86	92	62	49	52	28	17	25	13	8	17	8	4	8	3	2	3	3	2	182
183		80	86	92	62	49	53	28	18	25	13	8	17	8	4	8	3	2	3	3	2	183
184		81	87	92	63	49	53	28	18	26	13	8	17	8	4	8	3	2	3	3	2	184

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
185		81	87	93	63	50	54	29	18	26	13	8	17	8	4	8	3	2	3	3	2	185
186		82	87	93	63	50	54	29	18	26	13	8	18	9	4	8	3	3	3	3	2	186
187		82	88	93	64	51	55	29	19	27	13	8	18	9	4	8	3	3	3	3	2	187
188		83	88	93	64	51	55	30	19	27	14	9	18	9	4	8	3	3	3	3	2	188
189		83	88	94	64	52	56	30	19	27	14	9	18	9	4	8	3	3	3	3	2	189
190		84	89	94	65	52	56	30	19	27	14	9	18	9	4	8	3	3	3	3	2	190
191		84	89	94	65	53	57	30	19	27	14	9	19	9	4	8	4	3	3	3	2	191
192		85	89	94	65	53	57	31	20	28	14	9	19	9	4	9	4	3	3	3	2	192
193		85	90	94	66	53	58	31	20	28	14	9	19	9	4	9	4	3	3	3	2	193
194		86	90	95	66	54	58	31	20	28	15	9	19	9	4	9	4	3	3	3	2	194
195		86	90	95	66	54	59	31	21	29	15	9	20	9	4	9	4	3	3	3	2	195
196		87	91	95	67	55	59	32	21	29	15	9	20	10	4	9	4	3	3	3	2	196
197		87	91	95	67	55	60	32	21	29	15	9	20	10	4	9	4	3	3	3	2	197
198		87	91	95	67	56	60	33	21	30	15	9	20	10	4	9	4	3	3	3	2	198
199		88	91	96	68	56	60	33	21	30	15	10	20	10	4	9	4	3	3	3	2	199
200		88	92	96	68	57	61	33	22	30	16	10	20	10	5	9	4	3	3	3	2	200
201		89	92	96	68	57	61	33	22	30	16	10	21	10	5	9	4	3	4	3	2	201
202		90	92	96	68	58	62	34	22	31	16	10	21	10	5	10	4	3	4	3	2	202
203		90	92	96	69	58	62	34	22	31	16	10	21	10	5	10	4	3	4	3	2	203
204		90	93	96	69	58	63	35	23	31	16	10	21	11	5	10	4	3	4	4	2	204
205		91	93	96	69	59	63	35	23	32	17	10	21	11	5	10	4	3	4	4	2	205
206		91	93	96	70	59	64	35	23	32	17	10	21	11	5	10	4	3	4	4	2	206
207		91	93	96	70	60	64	36	23	32	17	10	22	11	5	11	4	3	4	4	2	207
208		92	94	97	70	60	65	36	24	32	17	10	22	11	5	11	4	3	4	4	2	208
209		92	94	97	70	61	65	36	24	33	17	11	22	11	5	11	4	3	4	4	2	209
210		92	94	97	70	61	65	37	24	33	17	11	22	11	5	11	5	3	4	4	2	210
211		93	94	97	71	62	66	37	25	33	18	11	23	11	5	11	5	3	4	4	2	211
212		93	95	97	71	62	66	37	25	34	18	11	23	12	5	11	5	3	4	4	2	212
213		93	95	97	71	63	67	38	25	34	18	11	23	12	5	11	5	3	4	4	2	213
214		93	95	97	72	63	67	38	26	34	18	11	23	12	5	11	5	4	4	4	3	214
215		94	95	97	72	64	68	39	26	35	19	11	24	12	5	11	5	4	4	4	3	215
216		94	95	97	72	64	68	39	26	35	19	11	24	12	5	11	5	4	5	4	3	216

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
217		94	95	97	72	64	69	40	27	35	19	12	24	12	5	12	5	4	5	4	3	217
218		95	96	97	73	65	69	40	27	35	19	12	24	12	5	12	5	4	5	5	3	218
219		95	96	98	73	65	69	40	27	36	19	12	25	12	6	12	6	4	5	5	3	219
220		95	96	98	73	65	70	41	27	36	20	12	25	12	6	12	6	4	5	5	3	220
221		95	96	98	73	66	70	41	28	36	20	12	25	13	6	12	6	4	5	5	3	221
222		95	96	98	74	66	71	41	28	36	20	12	25	13	6	12	6	4	5	5	3	222
223		95	96	98	74	66	71	42	28	37	20	12	26	13	6	13	6	4	5	5	3	223
224		96	96	98	74	67	71	43	29	37	20	12	26	13	6	13	6	4	5	5	3	224
225		96	97	98	74	67	72	43	29	38	21	12	26	13	6	13	6	4	5	5	3	225
226		96	97	98	75	68	72	43	30	38	21	13	26	14	6	13	6	4	5	5	3	226
227		96	97	98	75	68	73	44	30	38	21	13	26	14	6	14	6	4	5	5	3	227
228		96	97	98	75	68	73	45	30	39	21	13	27	14	6	14	6	4	5	5	3	228
229		97	97	98	75	69	74	45	31	39	22	13	27	14	6	14	6	4	5	5	3	229
230		97	97	98	75	69	74	46	31	40	22	13	27	14	6	14	6	4	5	5	3	230
231		97	97	98	76	70	75	46	32	40	22	13	28	14	6	14	7	4	5	5	3	231
232		97	97	98	76	70	75	47	32	40	22	13	28	15	7	15	7	5	5	5	3	232
233		97	97	98	76	70	75	47	32	41	22	14	28	15	7	15	7	5	5	5	3	233
234		97	97	99	76	71	76	47	33	41	23	14	28	15	7	15	7	5	5	5	3	234
235		97	97	99	77	71	76	48	33	41	23	14	29	15	7	15	7	5	5	5	3	235
236		97	98	99	77	72	76	48	34	42	23	14	29	15	7	16	7	5	5	5	3	236
237		98	98	99	77	72	77	49	34	42	23	14	29	16	7	16	7	5	5	5	4	237
238		98	98	99	77	73	77	49	35	42	23	14	29	16	7	17	7	5	5	6	4	238
239		98	98	99	77	73	77	50	35	43	24	14	30	16	7	17	7	5	5	6	4	239
240		98	98	99	78	73	78	50	35	43	24	15	30	16	8	17	7	5	5	6	4	240
241		98	98	99	78	74	78	51	36	44	24	15	30	16	8	17	7	6	5	6	4	241
242		98	98	99	78	74	79	52	36	44	25	15	31	16	8	17	7	6	5	6	4	242
243		98	98	99	78	75	79	52	37	45	25	15	31	17	8	17	7	6	5	6	4	243
244		98	98	99	79	75	79	53	37	45	25	15	32	17	8	18	8	6	6	6	4	244
245		98	98	99	79	75	80	53	37	46	25	16	32	17	8	18	8	6	6	6	4	245
246		98	98	99	79	76	80	54	38	46	25	16	32	17	8	18	8	6	6	6	4	246
247		98	98	99	79	76	80	54	39	46	26	16	32	17	8	18	8	6	6	6	4	247
248		98	98	99	80	77	81	55	39	46	26	16	33	18	8	19	8	6	6	7	4	248

Raw Score	Composite K.1	Composite K.2	Composite K.3	Composite 1.1	Composite 1.2	Composite 1.3	Composite 2.1	Composite 2.2	Composite 2.3	Composite 3.1	Composite 3.2	Composite 3.3	Composite 4.1	Composite 4.2	Composite 4.3	Composite 5.1	Composite 5.2	Composite 5.3	Composite 6.1	Composite 6.2	Composite 6.3	Raw Score
249		99	98	99	80	77	81	55	40	47	26	16	33	18	8	19	8	6	6	7	5	249
250		99	98	99	80	78	81	56	40	47	27	16	33	18	8	19	8	6	6	7	5	250
251		99	98	99	80	78	82	56	41	48	27	16	34	18	8	20	8	6	6	7	5	251
252		99	98	99	80	79	82	57	41	48	27	17	34	19	9	20	9	6	6	7	5	252
253		99	99	99	81	79	82	57	42	49	27	17	34	19	9	20	9	6	6	7	5	253
254		99	99	99	81	79	83	58	42	49	28	17	35	19	9	21	9	6	6	7	5	254
255		99	99	99	81	79	83	59	43	49	28	17	35	19	9	21	9	6	7	7	5	255
256		99	99	99	81	80	83	59	43	50	28	17	35	19	9	21	9	7	7	7	5	256
257		99	99	99	82	80	84	60	44	50	28	18	36	20	9	21	9	7	7	7	5	257
258		99	99	>99	82	81	84	60	44	50	28	18	36	20	9	21	9	7	7	7	5	258
259		99	99		82	81	84	61	45	51	29	18	36	20	9	22	9	7	7	7	5	259
260		99	99		82	81	84	61	45	51	29	18	37	20	9	22	9	7	7	8	5	260
261		99	99		82	81	85	62	46	52	29	19	37	20	9	23	9	7	7	8	5	261
262		99	99		82	82	85	62	46	52	30	19	37	20	9	23	9	7	8	8	5	262
263		99	99		83	82	85	63	47	52	30	19	38	21	9	23	10	7	8	8	5	263
264		99	99		83	82	85	64	48	53	31	19	38	21	9	23	10	7	8	8	5	264
265		99	99		83	83	86	64	48	53	31	19	38	21	10	24	10	7	8	8	5	265
266		99	99		83	83	86	65	49	54	31	20	39	21	10	24	10	7	8	9	5	266
267		99	99		83	83	86	65	50	54	32	20	39	21	10	24	10	7	8	9	5	267
268		99	99		83	84	87	66	50	55	32	20	39	22	10	25	11	8	8	9	5	268
269		99	99		84	84	87	66	51	55	32	20	40	22	10	25	11	8	8	9	5	269
270		99	99		84	84	87	67	51	55	32	21	40	22	10	25	11	8	8	9	5	270
271		99	99		84	85	87	67	52	55	33	21	41	22	10	26	11	8	8	9	5	271
272		99	99		84	85	88	68	52	56	33	21	41	23	10	26	11	8	8	9	5	272
273		99	99		84	85	88	68	53	56	34	21	41	23	11	26	11	8	9	9	5	273
274		99	99		85	86	88	69	54	57	34	22	42	23	11	26	12	9	9	9	5	274
275		99	99		85	86	88	70	54	57	35	22	42	24	11	27	12	9	9	9	5	275
276		99	99		85	86	89	70	54	57	35	22	42	24	11	27	12	9	9	10	6	276
277		99	99		85	86	89	71	55	58	35	22	42	24	11	27	12	9	9	10	6	277
278		>99	99		85	87	89	71	56	58	36	22	43	24	11	28	13	9	9	10	6	278
279			99		85	87	89	72	56	59	36	22	43	25	11	28	13	9	10	10	6	279
280			99		85	87	90	72	57	59	36	23	43	25	11	28	13	9	10	10	6	280

Raw Score	Composite			Composite			Composite			Composite			Composite			Composite			Composite			Raw Score
	K.1	K.2	K.3	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	
281			>99		86	88	90	72	57	60	37	23	43	26	11	29	14	9	10	10	6	281
282					86	88	90	73	58	60	37	23	44	26	12	29	14	9	10	11	7	282
283					86	89	90	73	59	60	37	23	44	26	12	30	14	10	10	11	7	283
284					86	89	91	74	59	61	38	24	44	27	12	30	15	10	10	11	7	284
285					86	89	91	75	60	61	38	24	45	27	12	31	15	10	10	11	7	285
286					86	89	91	75	60	62	39	24	45	28	12	31	15	10	11	11	7	286
287					86	90	91	75	61	62	39	24	45	28	12	31	15	10	11	11	7	287
288					87	90	92	76	61	63	39	24	46	28	12	32	16	10	11	11	7	288
289					87	90	92	76	62	63	39	25	46	29	13	32	16	11	11	11	7	289
290					87	91	92	77	62	63	40	25	46	29	13	32	16	11	12	11	8	290
291					87	91	92	77	63	64	40	25	47	30	13	33	17	11	12	11	8	291
292					87	91	93	78	63	64	40	26	47	30	13	33	17	11	12	12	8	292
293					87	91	93	78	64	64	41	26	48	30	13	33	17	11	12	12	8	293
294					88	92	93	79	65	65	41	26	48	31	13	34	17	11	12	12	8	294
295					88	92	93	79	65	65	42	26	48	31	14	34	18	11	13	12	8	295
296					88	92	93	80	66	66	42	27	49	31	14	35	18	11	13	12	8	296
297					88	92	93	80	66	66	43	27	49	32	14	35	18	12	13	13	8	297
298					88	93	93	81	67	66	43	27	49	32	14	35	19	12	13	13	8	298
299					88	93	94	81	67	66	43	27	50	32	14	36	19	12	13	13	8	299
300					88	93	94	82	68	67	44	28	50	32	14	36	19	12	14	13	9	300
301					88	93	94	82	69	67	44	28	50	33	14	36	20	12	14	13	9	301
302					89	94	94	82	69	67	44	29	51	33	14	37	20	12	14	14	9	302
303					89	94	94	83	70	68	45	29	51	33	15	37	20	12	14	14	9	303
304					89	94	95	83	70	68	45	29	52	33	15	37	21	12	15	14	9	304
305					89	94	95	83	71	69	46	29	52	34	15	38	21	12	15	14	9	305
306					89	94	95	83	71	69	46	30	53	34	15	38	21	13	15	14	10	306
307					89	94	95	84	72	70	47	30	53	34	15	38	21	13	16	14	10	307
308					89	95	95	84	72	70	47	30	54	35	15	39	22	13	16	15	10	308
309					90	95	95	85	73	70	48	30	54	35	16	39	22	13	16	15	11	309
310					90	95	95	85	73	71	48	31	54	36	16	40	22	13	17	16	11	310
311					90	95	96	85	73	71	48	31	55	36	16	40	23	13	17	16	11	311
312					90	95	96	86	74	71	49	31	55	36	16	40	23	13	18	17	11	312

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
313					90	96	96	86	74	72	49	32	56	37	16	41	23	14	18	17	11	313
314					90	96	96	86	75	72	50	32	56	37	17	41	23	14	19	17	12	314
315					90	96	96	87	75	72	50	32	56	37	17	42	24	14	19	17	12	315
316					90	96	96	87	76	73	50	33	57	38	17	42	24	14	19	18	12	316
317					90	96	96	87	76	73	51	33	57	38	17	43	24	15	19	18	12	317
318					91	96	96	87	77	73	51	33	58	38	18	43	25	15	20	18	12	318
319					91	97	97	88	77	74	51	33	58	39	18	43	25	15	21	19	12	319
320					91	97	97	88	78	74	52	34	58	39	18	44	26	15	21	19	13	320
321					91	97	97	88	78	74	52	34	59	39	18	45	26	15	22	19	13	321
322					91	97	97	89	78	74	53	34	59	40	18	45	27	16	22	19	13	322
323					91	97	97	89	79	75	53	35	59	40	19	46	27	16	22	20	13	323
324					91	97	97	89	79	75	53	35	60	40	19	46	27	16	23	20	13	324
325					91	97	97	89	79	75	54	35	60	41	19	47	28	16	23	20	14	325
326					92	97	97	89	80	76	54	36	61	41	20	47	28	17	24	20	14	326
327					92	97	97	90	80	76	54	36	61	41	20	47	28	17	24	20	14	327
328					92	98	98	90	81	76	55	36	61	42	20	48	29	17	25	21	15	328
329					92	98	98	90	81	76	55	37	62	42	20	48	29	17	25	21	15	329
330					92	98	98	90	81	77	55	37	62	43	21	48	30	18	25	21	15	330
331					92	98	98	91	81	77	56	37	62	43	21	49	31	18	26	22	15	331
332					92	98	98	91	82	77	56	37	63	43	21	49	31	18	26	22	15	332
333					92	98	98	91	82	78	56	38	63	44	21	49	32	18	27	22	15	333
334					92	98	98	91	82	78	57	38	63	44	22	50	32	18	27	23	15	334
335					93	98	98	91	83	78	58	39	63	45	22	50	33	19	28	23	15	335
336					93	98	98	92	83	78	58	39	64	45	22	51	33	19	28	23	15	336
337					93	98	98	92	83	79	58	39	64	46	22	51	34	20	29	24	16	337
338					93	98	98	92	84	79	59	40	65	46	23	52	34	20	29	24	16	338
339					93	98	98	93	84	80	59	40	65	47	23	52	35	20	29	24	16	339
340					93	99	98	93	84	80	60	40	65	47	23	53	36	21	30	25	16	340
341					93	99	99	93	85	80	60	41	66	47	23	53	36	21	30	25	17	341
342					93	99	99	93	85	81	61	41	66	48	24	54	37	21	31	25	17	342
343					94	99	99	93	85	81	61	42	66	48	24	54	37	22	31	25	17	343
344					94	99	99	93	86	81	61	42	67	49	24	55	38	22	32	25	17	344

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
345					94	99	99	93	86	81	61	42	67	49	25	55	38	22	32	26	17	345
346					94	99	99	94	86	82	62	43	67	50	25	55	39	23	33	26	18	346
347					94	99	99	94	86	82	62	43	68	50	25	56	39	23	33	26	18	347
348					94	99	99	94	87	82	63	44	68	51	26	56	40	23	33	26	18	348
349					94	99	99	94	87	83	63	44	68	51	26	57	40	24	34	27	19	349
350					95	99	99	94	87	83	63	44	69	51	26	57	40	24	34	27	19	350
351					95	99	99	94	88	83	64	45	69	52	27	57	41	24	35	28	19	351
352					95	99	99	94	88	83	64	45	69	52	27	58	41	24	36	28	20	352
353					95	99	99	95	88	84	64	45	70	53	27	58	42	24	36	28	20	353
354					95	99	99	95	89	84	65	46	70	53	27	58	42	25	37	28	20	354
355					95	>99	99	95	89	84	65	46	70	53	28	59	43	25	37	29	20	355
356					95		99	95	89	85	66	46	70	53	28	59	43	25	37	29	21	356
357					95		99	95	89	85	66	47	71	54	28	59	43	25	38	30	21	357
358					95		99	95	90	85	66	47	71	54	29	60	44	26	38	30	21	358
359					95		99	95	90	86	67	48	72	55	29	60	44	26	39	31	22	359
360					95		>99	95	90	86	67	48	72	55	29	61	45	26	39	31	22	360
361					95			95	90	86	67	49	72	55	30	61	45	27	40	31	22	361
362					95			95	91	86	68	49	73	56	30	61	45	27	40	32	22	362
363					96			95	91	86	68	49	73	56	30	61	46	27	41	32	23	363
364					96			95	91	86	68	50	74	57	31	62	47	28	41	32	23	364
365					96			95	91	87	69	50	74	57	31	62	48	28	41	32	23	365
366					96			96	92	87	69	51	74	58	32	62	48	29	42	33	24	366
367					96			96	92	87	69	51	75	58	32	62	48	29	42	33	24	367
368					96			96	92	87	70	51	75	58	32	63	49	29	42	34	25	368
369					96			96	92	87	70	52	75	59	33	63	49	30	43	34	25	369
370					96			96	93	88	71	52	76	59	33	63	50	30	43	34	26	370
371					96			96	93	88	71	52	76	60	34	64	50	30	44	35	26	371
372					96			96	93	88	71	53	76	60	34	64	51	31	45	35	26	372
373					96			96	93	88	71	53	76	60	34	64	51	31	45	35	27	373
374					97			97	93	89	72	53	77	61	35	65	51	32	46	36	27	374
375					97			97	93	89	72	54	77	61	35	66	52	32	46	36	27	375
376					97			97	94	89	72	54	77	62	35	66	53	32	46	37	27	376

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
377					97			97	94	89	73	55	78	62	36	67	53	32	47	37	28	377
378					97			97	94	90	73	55	78	63	36	67	54	33	48	38	28	378
379					97			97	94	90	73	55	78	63	37	67	54	33	48	38	29	379
380					97			97	94	90	74	56	79	64	37	68	54	33	49	39	29	380
381					97			97	94	90	74	56	79	64	38	68	55	34	49	39	29	381
382					97			97	94	90	74	57	79	64	39	68	55	34	50	39	30	382
383					97			98	95	90	75	57	80	65	39	68	56	34	51	40	30	383
384					97			98	95	91	75	57	80	65	39	69	56	35	51	41	30	384
385					97			98	95	91	75	58	80	65	40	69	57	35	51	41	31	385
386					97			98	95	91	76	58	80	66	40	70	57	36	52	42	31	386
387					97			98	95	91	76	59	80	66	40	70	57	36	52	42	32	387
388					98			98	95	91	76	59	81	67	41	71	58	37	53	42	32	388
389					98			98	95	91	77	60	81	67	42	71	58	37	53	43	33	389
390					98			98	95	91	77	60	81	67	42	71	59	37	54	43	33	390
391					98			98	96	91	77	61	81	68	43	72	59	38	54	44	34	391
392					98			98	96	92	77	61	82	68	43	72	59	38	55	44	34	392
393					98			98	96	92	77	61	82	69	43	72	60	38	55	44	34	393
394					98			98	96	92	78	62	82	69	43	72	60	39	56	45	35	394
395					98			98	96	92	78	62	82	69	44	73	60	39	56	45	35	395
396					98			98	96	92	79	62	83	70	44	73	61	39	57	46	36	396
397					98			99	96	92	79	63	83	70	45	73	61	40	57	46	37	397
398					98			99	96	92	79	63	83	71	45	73	62	40	57	46	37	398
399					98			99	96	93	79	63	83	71	45	74	62	41	58	47	37	399
400					98			99	96	93	79	63	83	71	46	74	63	41	58	47	38	400
401					98			99	97	93	80	64	84	72	46	75	63	41	59	48	38	401
402					99			99	97	93	80	64	84	72	47	75	63	42	59	49	39	402
403					99			99	97	93	80	64	84	72	47	75	64	42	60	49	39	403
404					99			99	97	93	81	65	84	72	48	76	64	43	60	50	40	404
405					99			99	97	93	81	65	85	73	48	76	64	43	61	50	40	405
406					99			99	97	93	81	65	85	73	49	76	65	44	61	50	40	406
407					99			99	97	93	82	66	85	73	49	77	65	44	62	51	41	407
408					99			99	97	94	82	66	85	73	50	77	65	45	63	51	41	408

Raw Score	Composite			Composite			Composite			Composite			Composite			Composite			Composite			Raw Score
	K.1	K.2	K.3	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	
409					99			99	97	94	82	66	86	74	50	77	66	45	63	51	42	409
410					99			99	97	94	82	67	86	74	51	77	66	46	64	52	42	410
411					99			99	97	94	83	67	86	74	51	77	67	46	65	52	43	411
412					99			99	97	94	83	67	86	75	52	78	67	46	65	52	43	412
413					99			99	97	94	84	68	86	75	52	78	68	47	66	53	44	413
414					99			99	98	94	84	68	87	75	53	78	68	47	66	53	44	414
415					99			99	98	94	84	69	87	76	53	78	69	48	67	53	45	415
416					99			99	98	95	84	69	87	76	54	79	69	48	67	54	45	416
417					99			99	98	95	84	69	87	76	54	79	70	49	67	54	45	417
418					99			99	98	95	84	70	87	76	55	79	70	49	68	55	45	418
419					99			99	98	95	85	70	88	77	55	80	70	50	69	55	46	419
420					99			99	98	95	85	70	88	77	55	80	71	50	69	55	46	420
421					99			99	98	95	85	70	88	77	56	80	71	50	70	55	46	421
422					99			99	98	95	85	71	88	78	56	80	71	51	70	56	46	422
423					99			99	98	95	86	71	88	78	57	81	72	51	70	56	47	423
424					99			99	98	95	86	72	88	78	57	81	72	51	70	57	48	424
425					>99			99	98	95	86	72	89	79	57	81	72	52	70	57	48	425
426								99	98	95	86	72	89	79	58	82	73	52	71	57	49	426
427								99	98	95	86	73	89	79	58	82	73	53	71	58	50	427
428								99	98	96	87	73	89	79	59	82	73	53	72	58	50	428
429								99	98	96	87	73	89	80	59	82	73	54	73	58	50	429
430								>99	98	96	87	74	90	80	59	82	74	54	73	59	51	430
431									98	96	87	74	90	80	60	82	74	54	73	59	51	431
432									98	96	87	74	90	81	60	83	74	55	74	60	52	432
433									99	96	87	74	90	81	61	83	74	55	75	60	52	433
434									99	96	88	75	90	81	61	83	75	55	75	60	52	434
435									99	96	88	75	90	81	61	83	75	56	75	61	53	435
436									99	96	88	75	90	82	62	84	75	56	75	61	54	436
437									99	96	88	75	91	82	62	84	75	56	75	62	54	437
438									99	96	88	76	91	82	63	84	76	57	76	62	54	438
439									99	97	88	76	91	82	63	84	76	57	76	63	55	439
440									99	97	89	76	91	83	64	85	76	58	76	63	55	440

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
441									99	97	89	77	92	83	64	85	76	58	77	63	55	441
442									99	97	89	77	92	83	64	85	77	58	77	64	55	442
443									99	97	89	77	92	83	65	85	77	59	77	64	56	443
444									99	97	89	77	92	84	65	85	77	59	78	65	56	444
445									99	97	89	78	92	84	65	85	77	59	78	65	56	445
446									99	97	89	78	92	84	66	86	78	60	79	65	57	446
447									99	97	90	78	92	84	66	86	78	60	79	65	57	447
448									99	97	90	78	93	85	67	86	78	60	79	66	57	448
449									99	97	90	79	93	85	67	86	78	61	80	66	58	449
450									99	97	90	79	93	85	68	87	78	62	80	67	58	450
451									99	97	90	80	93	85	68	87	79	62	80	67	59	451
452									99	97	91	80	93	86	68	87	79	62	80	68	60	452
453									99	98	91	80	93	86	69	87	79	63	81	68	60	453
454									99	98	91	81	93	86	69	87	79	63	81	68	60	454
455									99	98	91	81	93	87	70	87	80	63	81	69	61	455
456									99	98	91	81	93	87	70	87	80	64	82	69	61	456
457									99	98	92	81	93	87	70	88	80	64	82	69	61	457
458									99	98	92	81	94	87	71	88	81	65	82	69	62	458
459									99	98	92	82	94	87	71	88	81	65	82	69	62	459
460									99	98	92	82	94	88	71	88	81	65	83	70	63	460
461									>99	98	92	82	94	88	71	89	82	66	83	70	63	461
462										98	92	82	94	88	72	89	82	66	83	70	63	462
463										98	92	83	94	88	72	89	82	66	83	71	63	463
464										98	93	83	94	88	73	89	82	67	84	71	64	464
465										98	93	83	94	88	73	90	82	67	84	71	64	465
466										98	93	83	95	88	73	90	82	67	84	71	64	466
467										98	93	83	95	89	73	90	83	68	85	72	65	467
468										98	93	84	95	89	74	90	83	68	85	72	65	468
469										98	93	84	95	89	74	90	83	69	85	73	66	469
470										98	93	84	95	89	75	90	83	69	85	73	66	470
471										98	93	84	95	90	75	90	83	69	85	73	66	471
472										98	94	84	96	90	75	91	84	70	85	74	67	472

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
473										98	94	84	96	90	75	91	84	70	86	74	67	473
474										98	94	85	96	90	76	91	84	70	86	74	68	474
475										98	94	85	96	90	76	91	84	71	86	75	68	475
476										98	94	85	96	91	76	91	84	71	87	75	68	476
477										98	94	85	96	91	77	91	84	71	87	75	69	477
478										98	94	85	96	91	77	91	85	71	87	75	69	478
479										98	94	85	96	91	77	91	85	72	87	76	69	479
480										98	94	86	96	91	78	92	85	72	88	76	70	480
481										99	95	86	96	92	78	92	85	72	88	77	70	481
482										99	95	86	96	92	78	92	85	73	88	77	70	482
483										99	95	86	96	92	78	92	86	73	88	77	71	483
484										99	95	87	96	92	79	92	86	74	88	77	71	484
485										99	95	87	96	92	79	92	86	74	88	77	71	485
486										99	95	87	97	92	79	92	86	74	88	78	72	486
487										99	95	87	97	92	80	92	86	74	88	78	72	487
488										99	95	88	97	93	80	93	86	75	89	78	72	488
489										99	95	88	97	93	80	93	87	75	89	79	73	489
490										99	95	88	97	93	80	93	87	75	89	79	73	490
491										99	95	88	97	93	80	93	87	75	89	79	74	491
492										99	95	89	97	93	81	93	87	76	90	80	74	492
493										99	96	89	97	93	81	93	87	76	90	80	74	493
494										99	96	89	97	93	81	93	87	76	90	80	74	494
495										99	96	89	97	93	82	93	88	76	90	80	75	495
496										99	96	89	97	94	82	93	88	77	90	80	75	496
497										99	96	89	97	94	82	94	88	77	91	81	75	497
498										99	96	90	97	94	82	94	88	77	91	81	75	498
499										99	96	90	97	94	82	94	88	78	91	81	76	499
500										99	96	90	97	94	82	94	88	78	91	81	76	500
501										99	96	90	97	94	83	94	89	78	91	82	76	501
502										99	96	90	97	94	83	94	89	78	91	82	76	502
503										99	96	90	97	95	83	94	89	79	92	83	77	503
504										99	96	90	98	95	83	95	89	79	92	83	77	504

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
505										99	97	91	98	95	84	95	89	79	92	83	78	505
506										99	97	91	98	95	84	95	89	79	92	83	78	506
507										99	97	91	98	95	84	95	89	80	92	84	79	507
508										99	97	91	98	95	84	95	90	80	92	84	79	508
509										99	97	91	98	95	85	95	90	80	93	84	80	509
510										99	97	91	98	95	85	95	90	81	93	84	80	510
511										99	97	91	98	95	85	95	90	81	93	84	80	511
512										99	97	92	98	96	85	95	90	81	93	84	81	512
513										99	97	92	98	96	86	95	91	81	93	85	81	513
514										99	97	92	98	96	86	95	91	81	93	85	81	514
515										99	97	92	98	96	86	95	91	81	93	85	81	515
516										99	97	92	98	96	86	96	91	82	93	85	82	516
517										99	97	93	98	96	86	96	91	82	93	86	82	517
518										99	97	93	98	96	86	96	91	82	93	86	82	518
519										99	97	93	98	96	87	96	91	82	94	86	82	519
520										99	97	93	98	96	87	96	92	83	94	86	83	520
521										99	97	93	98	96	87	96	92	83	94	86	83	521
522										99	97	93	98	97	87	96	92	83	94	86	83	522
523										99	98	94	98	97	88	96	92	83	94	86	83	523
524										99	98	94	98	97	88	96	92	83	94	86	84	524
525										99	98	94	98	97	88	96	93	83	94	87	84	525
526										99	98	94	98	97	88	96	93	84	94	87	84	526
527										>99	98	94	98	97	88	96	93	84	94	87	85	527
528											98	94	99	97	88	96	93	84	95	87	85	528
529											98	94	99	97	89	96	93	84	95	87	85	529
530											98	94	99	97	89	97	93	85	95	88	85	530
531											98	94	99	97	89	97	93	85	95	88	85	531
532											98	94	99	97	89	97	94	85	95	88	86	532
533											98	95	99	97	89	97	94	85	95	88	86	533
534											98	95	99	97	90	97	94	85	95	88	86	534
535											98	95	99	97	90	97	94	85	95	89	86	535
536											98	95	99	97	90	97	94	85	95	89	86	536

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
537											98	95	99	97	90	97	94	86	95	89	86	537
538											98	95	99	98	90	97	94	86	95	89	87	538
539											98	95	99	98	90	97	94	86	96	89	87	539
540											98	95	99	98	91	97	95	86	96	89	87	540
541											98	95	99	98	91	97	95	86	96	89	87	541
542											98	96	99	98	91	97	95	87	96	90	88	542
543											98	96	99	98	91	97	95	87	96	90	88	543
544											98	96	99	98	91	98	95	87	96	90	88	544
545											98	96	99	98	91	98	95	87	96	90	88	545
546											98	96	99	98	92	98	95	88	96	90	88	546
547											98	96	99	98	92	98	95	88	96	90	88	547
548											98	96	99	98	92	98	95	88	96	90	88	548
549											98	96	99	98	92	98	96	88	96	90	88	549
550											98	96	99	98	92	98	96	88	96	91	89	550
551											98	96	99	98	92	98	96	88	96	91	89	551
552											99	96	99	98	92	98	96	88	96	91	89	552
553											99	96	99	98	92	98	96	88	96	91	89	553
554											99	96	99	98	93	98	96	89	96	91	89	554
555											99	96	99	98	93	98	96	89	96	91	89	555
556											99	97	99	98	93	98	96	89	96	92	89	556
557											99	97	99	98	93	98	96	89	96	92	90	557
558											99	97	99	98	93	98	97	89	96	92	90	558
559											99	97	>99	98	93	98	97	90	96	92	90	559
560											99	97		98	93	98	97	90	96	92	90	560
561											99	97		98	94	98	97	90	96	92	90	561
562											99	97		98	94	98	97	90	96	92	90	562
563											99	97		98	94	99	97	90	96	92	90	563
564											99	97		99	94	99	97	90	96	92	90	564
565											99	97		99	94	99	97	91	96	92	91	565
566											99	97		99	94	99	97	91	96	92	91	566
567											99	97		99	94	99	97	91	97	93	91	567
568											99	97		99	94	99	97	91	97	93	91	568

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
569											99	97		99	95	99	97	91	97	93	91	569
570											99	97		99	95	99	97	91	97	93	92	570
571											99	98		99	95	99	97	91	97	93	92	571
572											99	98		99	95	99	97	91	97	93	92	572
573											99	98		99	95	99	98	92	97	94	92	573
574											99	98		99	95	99	98	92	97	94	92	574
575											99	98		99	95	99	98	92	97	94	92	575
576											99	98		99	95	99	98	92	97	94	92	576
577											99	98		99	95	99	98	92	97	94	92	577
578											99	98		99	95	99	98	92	97	94	92	578
579											99	98		99	96	99	98	92	97	94	92	579
580											99	98		99	96	99	98	92	97	94	92	580
581											99	98		99	96	99	98	92	97	94	92	581
582											99	98		99	96	99	98	93	97	94	92	582
583											99	98		99	96	99	98	93	98	94	93	583
584											99	98		99	96	99	98	93	98	94	93	584
585											99	98		99	96	99	98	93	98	94	93	585
586											99	98		99	96	99	98	93	98	94	93	586
587											99	98		99	96	99	98	93	98	94	93	587
588											99	98		99	96	99	98	93	98	94	93	588
589											99	98		99	96	99	98	93	98	94	94	589
590											>99	98		99	96	99	98	93	98	95	94	590
591												98		99	96	99	98	94	98	95	94	591
592												99		99	96	99	98	94	98	95	94	592
593												99		99	97	99	98	94	98	95	94	593
594												99		99	97	99	98	94	98	95	94	594
595												99		99	97	99	98	94	98	95	94	595
596												99		99	97	99	98	94	98	95	94	596
597												99		99	97	99	98	94	98	96	94	597
598												99		99	97	99	98	94	98	96	94	598
599												99		99	97	>99	99	95	98	96	94	599
600												99		99	97		99	95	98	96	94	600

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
601												99		99	97		99	95	98	96	94	601
602												99		99	97		99	95	98	96	94	602
603												99		99	97		99	95	98	96	94	603
604												99		99	98		99	95	98	96	95	604
605												99		99	98		99	95	98	96	95	605
606												99		99	98		99	95	99	96	95	606
607												99		99	98		99	95	99	96	95	607
608												99		99	98		99	95	99	96	95	608
609												99		99	98		99	95	99	96	95	609
610												99		99	98		99	95	99	96	95	610
611												99		>99	98		99	95	99	96	95	611
612												99			98		99	95	99	96	95	612
613												99			98		99	95	99	96	95	613
614												99			98		99	95	99	97	96	614
615												99			98		99	96	99	97	96	615
616												99			98		99	96	99	97	96	616
617												99			98		99	96	99	97	96	617
618												99			98		99	96	99	97	96	618
619												99			98		99	96	99	97	96	619
620												99			98		99	96	99	97	96	620
621												99			99		99	96	99	97	96	621
622												99			99		99	96	99	97	96	622
623												99			99		99	96	99	97	96	623
624												99			99		99	96	99	97	96	624
625												99			99		99	96	99	97	97	625
626												99			99		99	96	99	97	97	626
627												99			99		99	96	99	97	97	627
628												99			99		99	97	99	98	97	628
629												99			99		99	97	99	98	97	629
630												99			99		>99	97	99	98	97	630
631												99			99			97	99	98	97	631
632												99			99			97	99	98	97	632

Raw Score	Composite K.1	K.2	K.3	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	Raw Score
633												99			99			97	99	98	97	633
634												99			99			97	99	98	97	634
635												99			99			97	99	98	97	635
636												99			99			97	99	98	97	636
637												>99			99			97	99	98	97	637
638															99			97	99	98	97	638
639															99			97	99	98	98	639
640															99			97	99	98	98	640
641															99			97	99	98	98	641
642															99			97	99	98	98	642
644															99			97	99	98	98	644
645															99			97	>99	98	98	645
646															99			97		98	98	646
647															99			98		98	98	647
648															99			98		98	98	648
649															99			98		98	98	649
650															99			98		98	98	650
651															99			98		98	98	651
652															99			98		98	98	652
653															99			98		98	98	653
654															99			98		98	98	654
655															99			98		98	98	655
656															99			98		98	98	656
657															99			98		98	98	657
658															99			98		98	98	658
659															99			98		98	98	659
660															99			98		99	98	660
661															99			98		99	98	661
662															99			98		99	98	662
663															99			98		99	98	663
664															99			98		99	98	664
665															>99			98		99	99	665

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
667																		98		99	99	667
669																		98		99	99	669
670																		98		99	99	670
671																		98		99	99	671
672																		98		99	99	672
673																		98		99	99	673
674																		99		99	99	674
675																		99		99	99	675
676																		99		99	99	676
677																		99		99	99	677
678																		99		99	99	678
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690																		99		99	99	690
692																		99		99	99	692
693																		99		99	99	693
694																		99		99	99	694
695																		99		99	99	695
696																		99		99	99	696
698																		99		99	99	698
699																		99		99	99	699
701																		99		99	99	701
705																		99		99	99	705

Raw Score	Composite K.1	K.2	K.3	Composite 1.1	1.2	1.3	Composite 2.1	2.2	2.3	Composite 3.1	3.2	3.3	Composite 4.1	4.2	4.3	Composite 5.1	5.2	5.3	Composite 6.1	6.2	6.3	Raw Score
708																		99		99	99	708
709																		>99		99	99	709
715																				99	99	715
719																				99	>99	719
721																				99		721
724																				99		724
725																				99		725
726																				99		726
727																				99		727
729																				99		729
733																				99		733
736																				99		736
737																				99		737
739																				>99		739

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