

Central Lutheran School
Newhall, IA
319-223-5271
www.CentralLutheranSchool.org

Overview

Central students in grades 2-8 took the ITBS tests during the week of January 25, 2010. This was the third year of testing for the second graders.

Data interpretation

The test was given at mid-year which would be at the half year or .5 time of the year. This is interpreted in the grade equivalent score in the following manner; 2nd graders would be 2.5 (2nd grade, fifth month), 3rd graders would be 3.5 (3rd grade fifth month), etc. If a student tested, for example at 6.7 and she were a 5th grader, you would say that she tested one year and two months ahead of grade level according to this test. If an 8th grade student tested at 11.5, he would have tested three years ahead of the average 8th grader.

You'll notice that there are two levels of reporting: IPR, NPR, IGE, and NGE. These letters stand for *Iowa* percentile ranking *National* percentile ranking, *Iowa* grade equivalent, and *National* grade equivalent. In the case of IPR and IGE, the students are scored against Iowa students only. The NPR and NGE indicates that the students were scored against students across the nation. Typically, the Iowa scores are lower than the National scores because Iowa students generally do better on these tests so the norms used to score them are higher.

The School-to-School Percentile compares the classes in our school to the classes in other schools. For example, if the 8th grade class scored at the 93rd percentile in math, only 7% of all schools in the nation scored higher than the 8th grade at Central (NPR). Ninety-nine percent (99%) is the highest score that an individual or school can achieve when looking at the School-to-School Percentile rankings.

How to Use This Information

Keep in mind is that these tests are not IQ tests, nor are they achievement tests. They are a test of basic skills, meaning the materials contained in these tests are skills this educational testing organization deems "basic" to a 2nd grade, 3rd grader, etc. on the basis of many years of research and testing. They are *not* achievement tests! The most important reason we administer these tests is not because the Department of Education tells us we must, but rather, it is another tool we use to evaluate how we are doing as a school, objectively, in each of the areas tested. Secondly, it shows us how we compare to other schools in Iowa and the United States. Thirdly, we get a "Kodak" moment for each of our students. This means that we can look at each student's progress from the previous year and compare it to the current year. We are looking to see how much each child grew in that subject from one year to the next. At the same time, we need to remember there are relatively only a few questions per subject. Keep in perspective that this is only one piece of information taken at a certain place in time over the course of an entire school year over the course the child's time span at Central. Some students test well, others don't. Sickness, attitudes, and other distractions can and does play a part in how well a child does.

How to Read the Charts

(from The Gazette, Sunday, March 15, 2009)

The Iowa Tests of Basic Skills (elementary and middle school) and the Iowa Tests of Educational Development (for high schoolers) show how students perform in reading, math and science.

Test scores listed as: '06 are for the 2006-07 school year, '07 are for the 2007-08 school year; '08 are for the 2008-09 school year.

Grade Equivalents

- Estimate of a student's developmental level as compared with peers in Iowa and nationwide.
- Most schools in the Cedar Rapids and Iowa City metro areas test in fall.
- An average fourth grader who takes the test in October scores 4.2 (fourth grade, second month)
- Most recent scores in this section reflect fall testing unless otherwise noted.
- Iowa grade equivalents tend to be lower than national equivalents. Students in Iowa are compared with other Iowa students, who usually score better than students nationally.
- Proficiency scores for reading reflect reading comprehension scores. Reading grade equivalents reflect vocabulary and comprehension scores.

Proficiency

- **Not Proficient:** The percentage of students who score in the 40th percentile nationally or below.
- **Proficient:** The percentage of students who scored in the 41st to 99th percentile nationally. This category is divided into two ranges – intermediate (percentage of students who scores in the 41st to 89th percentile) and high (90th to 99th percentile).

Note: In school districts, proficiency percentages are shown for students who qualify for the free and reduced-price meal program, an indicator of poverty; for minorities; and for special education. (Schools with fewer than 30 students in a subgroup do not publicly report such information, given the likelihood specific children could be identified.)

Levels of Reporting

- Iowa Percentile Rank - IPR
- Iowa Grade Equivalent - IGE
- National Percentile Rank - NPR
- National Grade Equivalent - NGE

Note: Typically Iowa scores tend to be lower than national scores. The reason for this, historically, is that Iowa students have scored higher than national norms.

Caveats

- Percentages are rounded, so numbers may not always add up to 100 percent.
- Some demographic data are included to help readers put scores into context.
- The data do not necessarily reflect how scores are reported for federal No Child Left Behind Act purposes, to determine whether a school is placed on a federal school-in-need-of-assistance list.
- State requirements call for schools to separate scores for all minority groups. For purposes of this report, all minority groups were lumped together.
- Dollar figures represent general fund per pupil expenditures for 2008-09 as calculated by districts.

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Demographics and Results

Demographic Information:

158 students in Preschool – 8th grade
9% free/reduced, 3% minority, 1% special ed

Testing Results for 2009-2010:

Grade Equivalent

Results for 2006-2007, 2007-2008, 2008-2009, and 2009-2010 by Grade Level

Grade Level	Grade Equivalent 2009-2010		Grade Equivalent 2008-2009		Grade Equivalent 2007-2008		Grade Equivalent 2006-2007	
	IGE	NGE	IGE	NGE	IGE	NGE	IGE	NGE
2 nd	2.7	3.0	3.3	3.6	3.1	3.4	N/A	N/A
3 rd	4.3	5.0	3.9	4.6	4.3	5.0	4.6	5.3
4 th	4.8	5.8	5.4	6.5	5.7	6.6	5.7	6.7
5 th	7.4	8.7	6.7	7.9	7.1	8.2	6.5	7.7
6 th	8.2	9.2	8.0	9.1	8.7	9.9	8.4	9.7
7 th	10.1	11.9	10.4	12.5	9.6	11.3	9.6	11.3
8 th	11.8	13+	11.2	13+	9.6	11.5	9.8	11.7

Percentile Ranking

Results for 2006-2007, 2007-2008, 2008-2009, and 2009-2010 by Grade Level

Grade Level	Percentile Ranking 2009-2010		Percentile Ranking 2008-2009		Percentile Ranking 2007-2008		Percentile Ranking 2006-2007	
	IPR	NPR	IPR	NPR	IPR	NPR	IPR	NPR
2 nd	71%	89%	95%	98%	93%	97%	N/A	N/A
3 rd	96%	98%	86%	95%	96%	98%	97%	99%
4 th	75%	93%	96%	98%	97%	98%	97%	99%
5 th	98%	99%	96%	98%	97%	99%	93%	97%
6 th	97%	97%	96%	97%	98%	98%	98%	98%
7 th	98%	98%	98%	99%	97%	98%	97%	98%
8 th	99%	98%	98%	98%	83%	90%	87%	90%

Subject Area Averages for School-to-School Percentiles
Results for 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010

Subject	2010		2009		2008		2007 [^]		2006 [^]	
	IPR	NPR	IPR	NPR	IPR	NPR	IPR	NPR	IPR	NPR
Reading	80.6%	88.1%	90.2%	93.4%	89.6%	91.6%	94.5%	93.6%	94.2%	94.6%
Language	94.1%	96.4%	95.4%	97.7%	94.1%	96.6%	84.6%	93.6%	90.0%	95.3%
Mathematics	83.0%	89.9%	95.0%	96.9%	93.9%	94.9%	94.3%	95.2%	94.8%	97.0%
Core Total*	86.9%	93.3%	95.0%	97.1%	94.7%	95.9%	92.8%	96.2%	93.5%	96.2%
Social Studies	93.6%	96.6%	93.0%	94.9%	89.9%	92.9%	94.8%	94.8%	95.2%	97.0%
Science	87.6%	94.0%	91.6%	96.6%	90.4%	96.1%	95.3%	97.5%	96.5%	98.2%
Sources of Info.	91.4%	96.3%	91.0%	94.4%	91.9%	95.6%	85.6%	93.5%	92.8%	96.8%
Composite**	90.6%	96.0%	95.0%	97.6%	94.5%	96.7%	94.8%	97.2%	95.0%	97.2%

- * Core Total means the three subjects of reading, language, and math using ITBS formula for the average of these three subjects.
- ** Composite is the ITBS formula average of all subjects.
- [^] Second graders were not tested in this year.

Subject Area Equivalents and Proficiency for 4th and 8th Grades:
Results for 2007-2010

4 th Grade	Grade Equivalents	
	Iowa	National
	2009-2010	2009-2010
Reading all	4.2	5.0
Math all	4.4	5.3
Science all	5.3	6.4

4 th Grade	Not Proficient			Proficient					
				Intermediate			High		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
Reading all	0%	13.3%	13.3%	75.0%	53.3%	73.3%	25%	33.0%	13.3%
Math all	8.3%	6.7%	6.0%	58.3%	53.3%	73.3%	33.3%	40.0%	20.0%
Science all	8.3%	6.7%	6.0%	66.7%	53.3%	47.0%	25%	40.0%	47.0%

8 th Grade	Grade Equivalents	
	Iowa	National
	2009-2010	2009-2010
Reading all	11.2	12.4
Math all	11.8	13+
Science all	11.0	13+

8 th Grade	Not Proficient			Proficient					
				Intermediate			High		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
Reading all	0%	9.1%	8.3%	100%	36.4%	58.3%	0%	54.5%	33.3%
Math all	11.1%	0%	0%	44.4%	54.5%	50.0%	44.4%	45.5%	50.0%
Science all	11.1%	9.1%	16.7%	66.7%	54.5%	58.3%	22.2%	36.4%	25.0%