



Measures of Student Success: College and Career Readiness

White Bear Lake Area Schools
School Board Meeting
9/14/2015

Delivering on our Mission

The mission of the White Bear Lake Area School District, a leader in innovative education and community partnerships, is to ensure our students:

- develop a love for learning,
- excel academically,
- are inspired to realize their dreams, and
- become engaged citizens with a global understanding

by challenging each student within a dynamic, respectful and inclusive environment that nurtures the unique talents and abilities of every student.

Measures of Student Success

Presentation Schedule

- August 10, 2015 2015 MCA results
- August 24, 2015 Proficiency and Growth
- **September 14, 2015** **College and Career Readiness**
- September 28, 2015 Multiple Measurements Rating

Measures of Student Success: Metrics for College and Career Readiness

➤ College Readiness Benchmarks

- Explore, grade 8
- Plan, grade 10
- ACT, grade 11 and 12

➤ College-Level Classes or Concurrent Enrollment

- Advanced Placement (AP)
- College in the Schools (CIS)
- Project Lead the Way (PLTW)
- Concurrent Enrollment
 - Core Reading and Mathematics
 - Manufacturing Certification Pathway

College and Career Readiness Assessment Descriptions

ACT **Explore** (Score range 1 - 25)

- **8th grade** assessment
- Provides baseline information on the academic prep of students.
- Used to plan high school coursework

ACT **Plan** (Score range 1 – 32)

- **10th grade** assessment
- Midpoint review of students progress toward educational/career goals
- Take time to make necessary interventions

ACT **Assessment** (Score range 1 – 36)

- **11th/12th grade** assessment
- Measure students' academic readiness for post-secondary success
- College admissions and placement tool

College Readiness Benchmarks as Predictors of College Success

Meeting Benchmarks on ACT exams serves as a predictor of success in college coursework. Meeting benchmark on any of these exams reflects:

- **50% probability of earning a B or higher** in the corresponding college course
- **75% probability of earning a C or higher** in the corresponding college course

Explore/Plan/ACT

College Readiness Benchmarks

College Course or Course Area	ACT Subject-Area Test	ACT Explore Benchmark Grade 8	ACT Plan Benchmark Grade 10	ACT Test Benchmark
English Composition	English	13	15	18
Social Sciences	Reading	16	18	22
College Algebra	Mathematics	17	19	22
Biology	Science	18	20	23

<http://www.act.org/research/policymakers/pdf/benchmarks.pdf>



Explore and Plan Participation

In White Bear Lake Area Schools

- All 8th graders have taken the **Explore** since 2008 and all 10th have taken the **Plan** since 2010.

In Minnesota

- All 8th graders and 10th graders took the **Explore** and **Plan** in 2014.

Explore College Readiness Benchmarks

Class of 2019 as 8th graders
(Fall 2014)

ACT Subject-Area Test	ACT Explore Benchmark Grade 8	Class of 2019, Percent meeting or exceeding benchmarks
English	13	71.0%
Reading	16	35.8%
Mathematics	17	50.5%
Science	18	46.0%

Plan College Readiness Benchmarks

Class of 2017 as 10th graders
(Fall 2014)

ACT Subject-Area Test	ACT Plan Benchmark Grade 10	Class of 2017, Percent meeting or exceeding benchmarks
English	15	73.5%
Reading	18	52.8%
Mathematics	19	51.8%
Science	20	51.2%

Explore and Plan

College Readiness Benchmarks

Showing Progression for Class of 2017

(Fall 2012 and Fall 2014)

Benchmark Subject	Class of 2017, Explore Grade 8	Class of 2017, Plan Grade 10	Change with respect to Benchmarks
English	72.7%	73.5%	+ 0.8
Reading	43.2%	52.8%	+ 9.6
Mathematics	52.4%	51.8%	-0.6
Science	45.8%	51.2%	+ 5.4

College Readiness Benchmarks, Class of 2015 and 2016

Class of 2015: ACT Participation Rate

61%

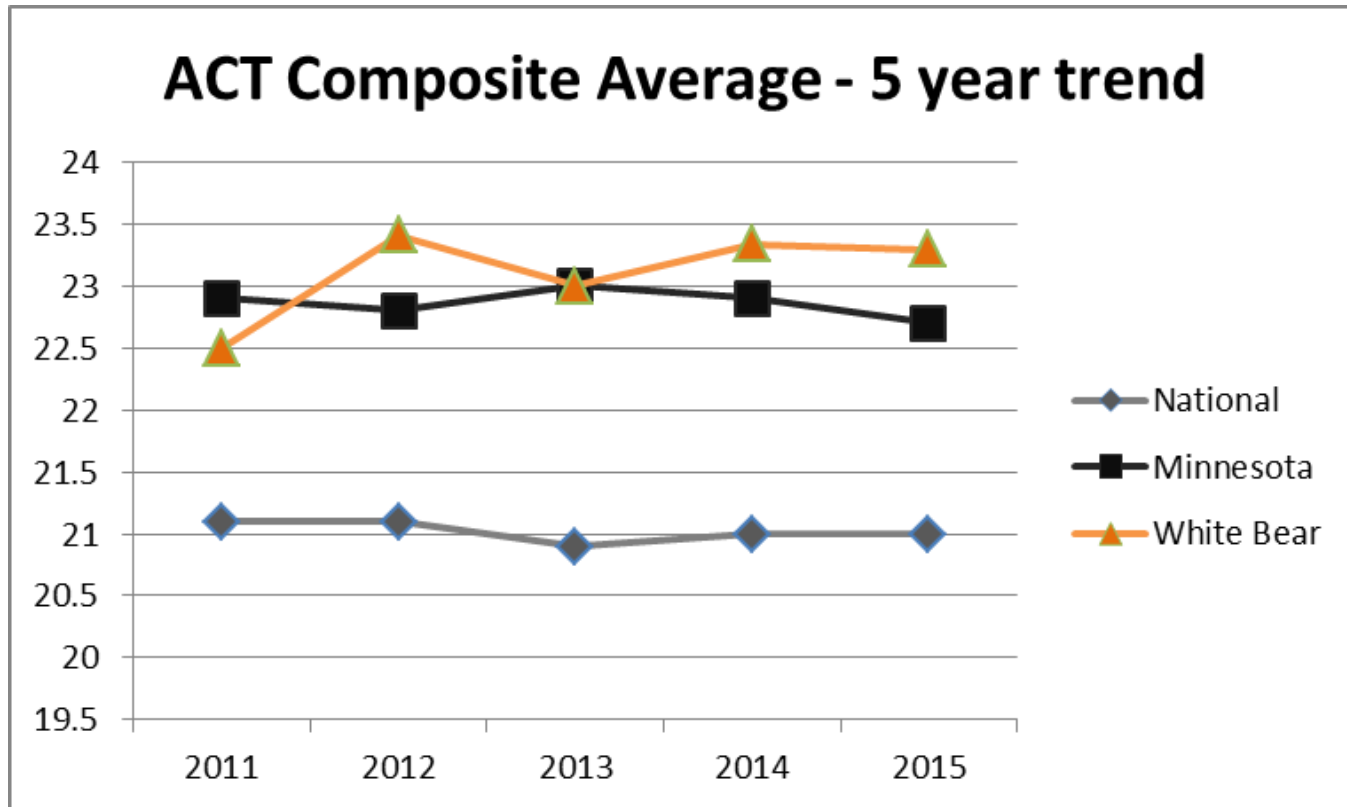
**Class of 2016: ACT Participation Rate
through Junior Year**

100%

ACT, Class of 2015

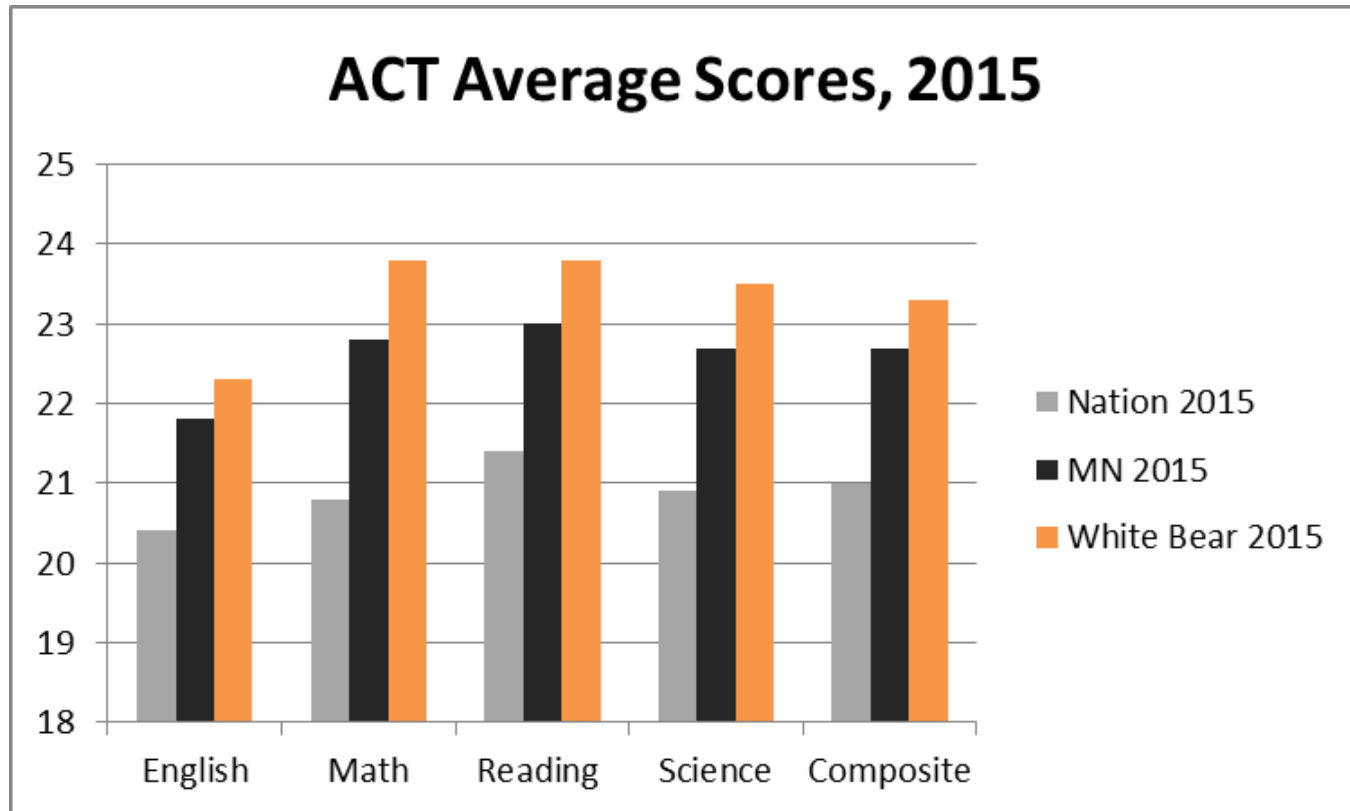
0.7 above Minnesota average

2.4 above National average



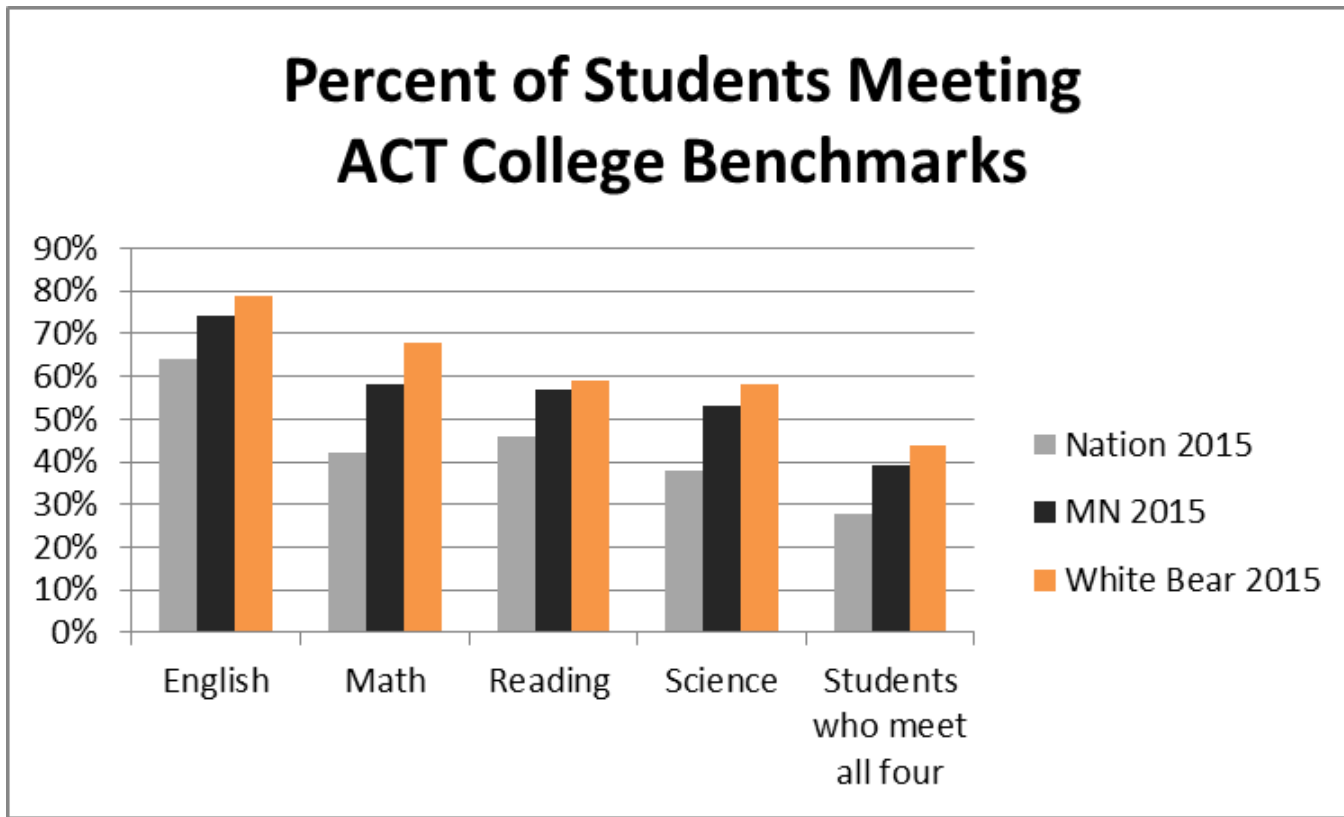
ACT, Class of 2015

Above Minnesota and National averages for each subject.



ACT, Class of 2015

Above Minnesota and National averages

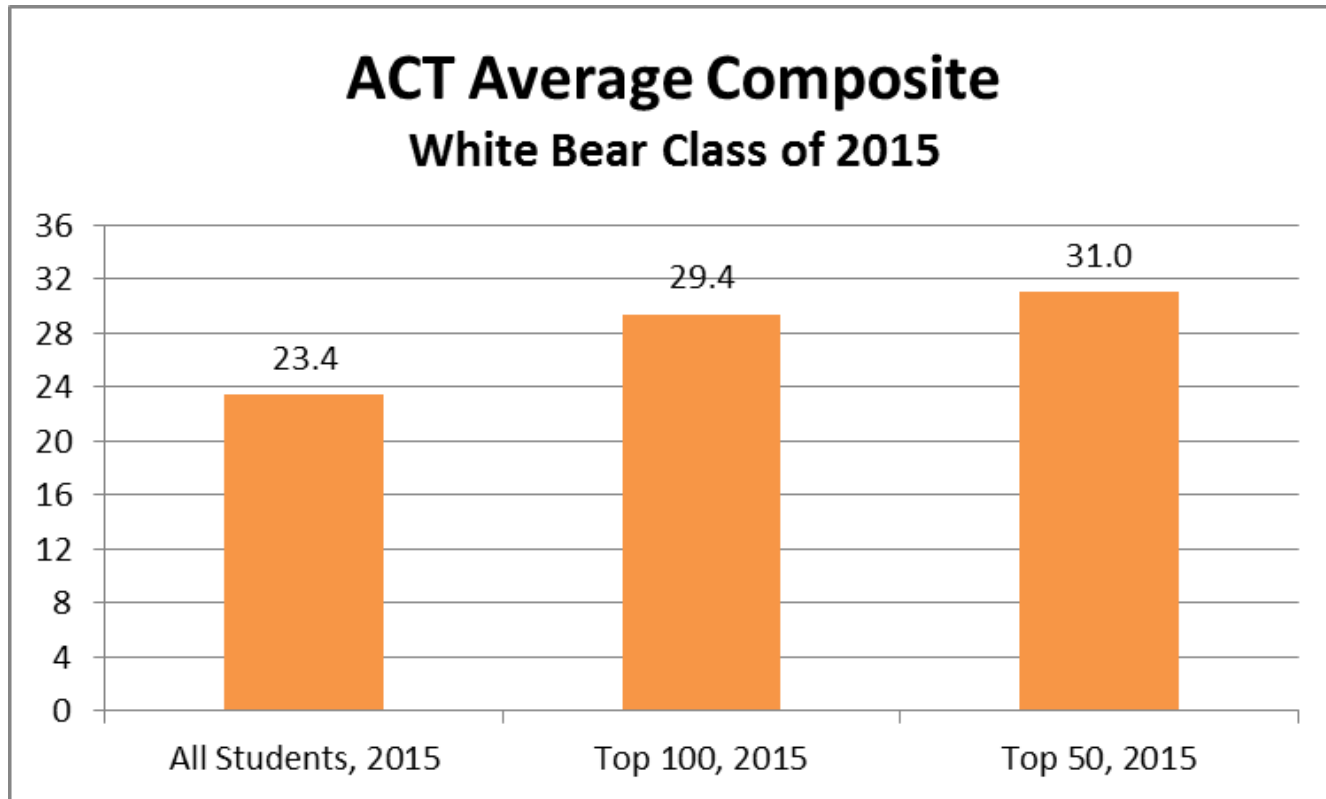


ACT Subject-Area Test	ACT Test Benchmark
English	18
Reading	22
Mathematics	22
Science	23



ACT, Class of 2015

Average scores for the top 50 and 100 students are highly competitive nationally

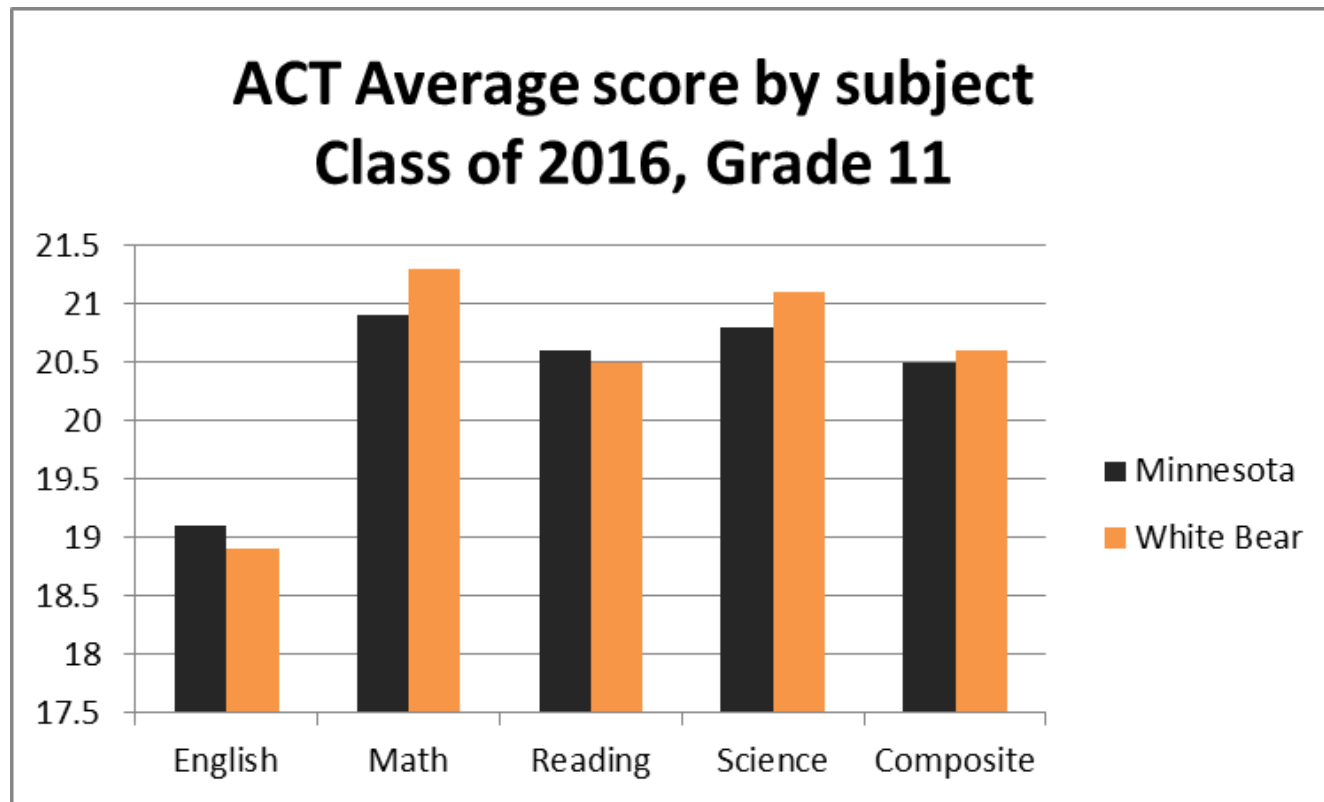


College Readiness Benchmarks, Class of 2015 and 2016

Class of 2015: ACT Participation Rate
61%

**Class of 2016: ACT Participation
Rate through Junior Year
100%**

ACT, Class of 2016 taken as Juniors *Above Minnesota average in Math, Science, and Composite Score*



College-Level Classes or Concurrent Enrollment

- **Advanced Placement (AP)**

Math, Social Studies, Language Arts, Science, Music and Fine Arts

- **College in the Schools (CIS)**

World Language, Math, Social Studies, Language Arts

- **Project Lead the Way (PLTW)**

Engineering

- **Concurrent Enrollment**

Core Reading and Mathematics, Manufacturing Certification Pathway

College-Level Classes & Concurrent Enrollment

Increasing percentage of students enrolled

Class of 2015: 55% of students do college level work in our schools.

Class of 2016: 66% of students do college level work in our schools.

Increased course offerings and participation lead to an **11 percentage point increase** in college-level coursework.



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