

\* Questions marked with an asterisk (\*) were not asked of all respondents.

## SECTION A: School Characteristics

~~~~~  
First we have a few questions about your school's characteristics. Some questions may request information that is time-consuming to report with exact numbers. For those questions, informed estimates are acceptable.  
~~~~~

What grades are included in [your school]?

(Check all that apply.)

- Pre-kindergarten
- Kindergarten
- 1st Grade
- 2nd Grade
- 3rd Grade
- 4th Grade
- 5th Grade
- 6th Grade
- 7th Grade
- 8th Grade
- 9th Grade
- 10th Grade
- 11th Grade
- 12th Grade
- Any grade level higher than 12
- Ungraded

~~~~~  
Our records indicate that [your school] is a [public/private] school. Is this correct?

- No
- Yes

~~~~~  
\* Does this school have a religious orientation or purpose?

- No
- Yes

~~~~~  
\* What is this school's religious orientation or affiliation?

- Catholic
- Christian
- Jewish
- Muslim or Islamic
- Other religious affiliation

~~~~~  
Is [your school] a single sex school?

- No
  - Yes
- ~~~~~

Which of the following best describes [your school]? Would you say...

- a regular school[-- not including magnet or charter schools]
- a charter school (a school that in accordance with an enabling state statute, has been granted a charter exempting it from selected state or local rules and regulations)
- a special program school [or magnet school] --such as a science or math school, performing arts school, talented or gifted school, or a foreign language immersion school
- a vocational or technical school or
- an alternative school (a school that offers a curriculum designed to provide nontraditional education to students -- for example, to students at risk of school failure or dropout in a traditional setting)?

~~~~~

\* Is [your school]'s special focus on...

math or science or

something else such as performing arts, education for talented or gifted students, or foreign language immersion?

~~~~~

\* Does [your school] participate in a public school choice program? Do not include public school choice that is mandatory due to Adequate Yearly Progress requirements.

No

Yes

~~~~~

\* In which of the following types of public school choice programs does your high school participate?

(Check all that apply.)

- Students assigned to [your school] can choose to enroll in [your school] or another school within the district
- Students can enroll in a public school in another district at no tuition cost to themselves or their families
- Students from other districts can enroll in [your school] at no tuition cost to themselves or their families
- Students assigned to [your school] can choose to enroll in a private school using state or district funds
- Any other public school choice program

~~~~~

Is [your school] a year round school?

No

Yes

~~~~~

What kind of academic calendar does [your school] have for grades 9 through 12?

Semester calendar

Trimester calendar

Quarter calendar

Other calendar

~~~~~

How are courses scheduled in [your school] for grades 9 through 12? Would you say...

traditional scheduling only (no block scheduling)

block scheduling only such as 4x4 or A/B, or

both traditional and block scheduling?

~~~~~  
\* How many minutes long are courses on the traditional schedule at [your school] for grades 9 through 12?  
~~~~~

\* Which of the following types of courses are block scheduled for grades 9 through 12?  
(Check all that apply.)  
Academic courses  
Vocational or technical courses  
Other courses  
~~~~~

\* How many minutes is each block for academic courses for grades 9 through 12?  
~~~~~

\* How many minutes is each block for vocational or technical courses?  
~~~~~

\* How many minutes is each block [for all other courses]?  
~~~~~

On average, how many hours of instruction per day, excluding study hall and lunch, do high school students receive at [your school]?  
~~~~~

What was the average daily attendance (ADA) for high school students in your school last year?  
~~~~~

When high school students are absent without an excuse, are parents notified?  
No  
Yes  
~~~~~

What percentage of students attending [your school] in the 2008-2009 school year were transferred out to an alternative program or school?  
~~~~~

\* Is [your school] currently identified as in need of improvement due to Adequate Yearly Progress (AYP) requirements?  
No  
Yes  
~~~~~

\* As of the beginning of the 2009-2010 school year, in what year of AYP improvement is [your school]?  
Year 1 School Improvement  
Year 2 School Improvement  
Year 3 Corrective Action  
Year 4 Restructuring  
Year 5 Implementation of Restructuring  
~~~~~

\* At the end of the 2008-2009 school year, did [your school] make AYP?  
No  
Yes  
~~~~~

Does your school do any of the following to raise high school students' interest and achievement in math or science?  
(Check all that apply.)

- Hold school-wide math or science fairs, workshops, or competitions

- Partner with community colleges or universities that offer math or science summer programs or camps for high school students
- Sponsor a math or science after-school program
- Pair students with mentors in math or science
- Bring in guest speakers to talk to students about math or science
- Take students on math- or science-relevant field trips such as to a city aquarium or planetarium
- Tell students about regional or state math or science contests, math or science web sites and blogs, or other math or science programs online or in your community, such as a 21<sup>st</sup>
- Century Community Learning Center program or Girls Incorporated Operation SMART
- Partner with Mathematics Engineering Science Achievement (MESA) or a similar enrichment-model program in your community or state that provides math or science academic development activities and services to students
- Require teacher professional development in how students learn math or science
- Require teacher professional development in increasing student interest in math or science
- Something else
- This school does not offer any of these programs or activities or anything else that is similar.

~~~~~  
Does your high school offer any of the following programs to assist 9th graders who are struggling academically?

(Check all that apply.)

- Summer program prior to entry into high school that provides supplemental instruction in reading and math
- Small learning communities or Achievement Academies for over-aged students who have not met high school entry criteria
- Small 9th grade learning communities or academies separate from the rest of the school
- Block scheduling, also called double-block or extended-block scheduling
- Catch-up courses or “double-dosing” of classes
- 9th grade seminar or class(es) in study skills
- Specific professional development, coaches, or technical assistance for teachers working with struggling 9th graders
- Tutoring
- Another program
- There are no programs to assist 9th graders who are struggling academically.

~~~~~  
\* On what basis are 9th graders who are struggling academically recommended to receive assistance?

(Check all that apply.)

- Absentee record
- Having poor or failing grades
- Being behind on credits
- Having disciplinary problems
- Teacher’s referral
- Counselor’s referral
- Parental request
- Student request
- Another way

~~~~~

**SECTION B: Student Population**

~~~~~  
Now we would like to ask you some questions about your school's student population. Some questions may request information that is time-consuming to report with exact numbers. For those questions, informed estimates are acceptable.  
~~~~~

What is your high school's current enrollment expressed as a percentage of capacity such as 90 percent filled or 105 percent filled?  
~~~~~

Which of the following programs or courses does [your school] offer on-site?  
(Check all that apply.)

- Alternative program
  - Dropout prevention program
  - College Board Advanced Placement (AP) courses
  - None of these
- ~~~~~

What percentage of the total student body in [your school]...  
receives free or reduced-price lunch?  
are English language learners?  
receives Special Education services for students with disabilities?  
are enrolled in an alternative program [either at your school or] off-site?  
are enrolled in a dropout prevention program [either at your school or] off-site?  
are enrolled in College Board Advanced Placement (AP) courses [either at your school or] off-site?  
~~~~~

What percentage of the total student body in [your school] are members of the following groups?  
Please count each student only once.

- Hispanic or Latino/Latina
  - White, non-Hispanic
  - Black or African American, non-Hispanic
  - Asian or Pacific Islander
  - American Indian or Alaska Native
- ~~~~~

What percentage of [your school]'s 2009-2010 9th-grade class is repeating 9th grade?  
~~~~~

What percentage of 9th-grade students who were enrolled in your school in September of 2008 returned to your school in September of 2009?  
~~~~~

For the following question your answers should sum to 100%. Please round to whole numbers and answer '0' if there are no students in a category. What percentage of last year's 12th-grade class...  
went on to 4-year, bachelor's degree-granting colleges?  
went on to 2-year, associate's degree-granting colleges or technical institutes?  
entered the labor market?  
joined the military?  
did something else?  
~~~~~

## SECTION C: School's Teachers

~~~~~  
Now, we have a few questions about the teachers at your school. Some questions may request information that is time-consuming to report with exact numbers. For those questions, informed estimates are acceptable.  
~~~~~

How many teachers work full-time and how many work part-time at [your school]?

full-time teachers

part-time teachers  
~~~~~

For each of the following subject areas, please indicate the number of full-time teachers and part-time teachers that instruct high school students in [your school]. Please give your best estimate. If a teacher works full-time in [your school], but divides his or her time between subject areas, consider that teacher as part-time in each subject area.

Math (full-time)

Math (part-time)

Science (full-time)

Science (part-time)

All other subjects (full time)

All other subjects (part time)  
~~~~~

Of the [X] full-time and [X] part-time math teachers in [your school], how many are certified by your state to teach math at the secondary school (9-12) level?

certified full-time high school math teachers (If none, enter 0)

certified part-time high school math teachers (If none, enter 0)  
~~~~~

Of the [X] full-time and [X] part-time high school science teachers in [your school], how many are certified by your state to teach science at the secondary school (9-12) level?

certified full-time high school science teachers (If none, enter 0)

certified part-time high school science teachers (If none, enter 0)  
~~~~~

For the school year 2008–2009, were there high school teaching vacancies in either your math or science departments for which teachers were recruited and interviewed?

Math vacancies only

Science vacancies only

Both math and science vacancies

No math or science vacancies  
~~~~~

\* How easy or difficult was it to fill the high school teaching vacancies in the mathematics department in your school? Would you say...

easy

somewhat difficult

very difficult or

you could not fill the vacancies in the math department?

~~~~~  
\* How easy or difficult was it to fill the high school teaching vacancies in the science department in your school? Would you say...

- easy
- somewhat difficult
- very difficult or
- you could not fill the vacancies in the science department?

~~~~~  
Does your school or district offer signing bonuses or incentives for example, monetary bonuses, tuition aid, or tuition tax credits to attract qualified full-time high school math teachers?

- No
- Yes

~~~~~  
Does your school or district offer signing bonuses or incentives for example monetary bonuses, tuition aid, or tuition tax credits to attract qualified full-time high school science teachers?

- No
- Yes

~~~~~  
How many full-time high school math teachers who taught in your school last year (2008-2009), did not return to teach at your school this year (2009-2010)?

~~~~~  
How many full-time high school science teachers who taught in your school last year (2008-2009), did not return to teach at your school this year (2009-2010)?

~~~~~  
What percentage of your school's high school teachers are absent on an average day? (Please enter 0 if none.)

**SECTION D: Courses Offered**

~~~~~

Now we have a few questions about courses offered by your high school.

~~~~~

Which of the following math and computer sciences courses are offered onsite at your high school?

(Check all that apply.)

- PreAlgebra
- Review or Remedial Math
- Integrated Math I
- Integrated Math II or above
- Algebra I, part 1 and part 2
- Algebra I
- Algebra II
- Geometry
- Trigonometry
- Algebra III
- Analytic Geometry
- Calculus
- AP Calculus, AB
- AP Calculus, BC
- Calculus IB
- Computer Science
- AP Computer Science, A
- AP Computer Science, AB
- Statistics or Probability
- AP Statistics

~~~~~

\* Which of the following courses are offered for credit to your school's students through other means, such as at another high school, community college or as an online course?

(Check all that apply.)

- PreAlgebra
- Review or Remedial Math
- Integrated Math I
- Integrated Math II or above
- Algebra I, part 1 and part 2
- Algebra I
- Algebra II
- Geometry
- Trigonometry
- Algebra III
- Analytic Geometry
- Calculus
- AP Calculus, AB
- AP Calculus, BC
- Computer Science
- Calculus IB
- AP Computer Science, A



AP Computer Science, AB  
Statistics or Probability  
AP Statistics  
None of these

~~~~~  
Which of the following science courses are offered onsite at your high school?  
(Check all that apply.)

General Science  
Physical Science  
Earth Science  
Environmental Science  
Principles of Technology  
Biology I  
Life Science  
Chemistry I  
Physics I  
Integrated Science I  
Integrated Science II or above  
Anatomy or Physiology  
AP Environmental Science  
AP or IB Advanced Biology or Biology II  
AP or IB Advanced Chemistry or Chemistry I  
AP or IB Advanced Physics or Physics II  
Other biological sciences such as botany, marine biology, or zoology  
Other physical sciences such as astronomy or electronics  
Other earth or environmental sciences such as ecology, geology, oceanography, or meteorology

~~~~~  
\* Which of the following courses are offered for credit to your school's students through other means,  
such as at another high school, community college or as an online course?

(Check all that apply.)

General Science  
Physical Science  
Earth Science  
Principles of Technology  
Biology I  
Life Science  
Chemistry I  
Physics I  
Integrated Science I  
Integrated Science II or above  
Environmental Science  
Anatomy or Physiology  
AP Environmental Science  
AP or IB Advanced Biology or Biology II  
AP or IB Advanced Chemistry or Chemistry II  
AP or IB Advanced Physics or Physics II  
Other physical sciences such as astronomy or electronics  
Other biological sciences such as botany, marine biology, or zoology

Other earth or environmental sciences such as ecology, geology, oceanography, or meteorology  
None of these

~~~~~  
Does your high school offer an International Baccalaureate (IB) program?

No  
Yes

~~~~~  
For the graduating class of 2013, does your high school require the completion of a specific math course or courses for graduation?

No  
Yes

~~~~~  
\* How would you describe the specific math course or courses your school requires for graduation?  
Would you say...

the same as the math course or courses required by your State Department of Education  
more advanced than the math course or courses required by your State Department of  
Education or  
your State Department of Education does not require specific math courses for graduation?

~~~~~  
For the graduating class of 2013, does your high school require the completion of a specific science course or courses for graduation?

No  
Yes

~~~~~  
\* How would you describe the specific science course or courses your school requires for graduation?  
Would you say...

the same as the science course or courses required by your State Department of Education  
more advanced than the science course or courses required by your State Department of  
Education or  
your State Department of Education does not require specific science courses for graduation?

~~~~~  
Does your high school offer different levels of Algebra I for students who vary in ability or in academic background such as prior 8th grade coursework in math?

No  
Yes

~~~~~

**SECTION E: Goals and Background**

~~~~~  
What is your sex?

Male

Female  
~~~~~

Are you of Hispanic or [Latino/Latina] origin?

No

Yes  
~~~~~

[In addition to learning about your Hispanic background, we would also like to know about your racial background.]

Which of the following choices describe your race? You may choose more than one.

(Check all that apply.)

White

Black or African American

Asian

Native Hawaiian or other Pacific Islander

American Indian or Alaska Native  
~~~~~

What is the highest degree you have earned?

Associate's degree

Bachelor's degree

Master's degree

Educational Specialist diploma

Ph.D., M.D., law degree, or other high level professional degree

You do not have a degree  
~~~~~

\* What was your major field of study for your [highest degree earned]?

(Please type your major in the space below and click on 'Search for major.' Do not enter abbreviations.)  
~~~~~

\* What was your major field of study for your Bachelor's degree?

(Please type your major in the space below and click on 'Search for Major.' Do not enter abbreviations.)  
~~~~~

\* Have you started, but not completed, any work on a degree beyond [highest degree earned]?

(If you have started more than one of the degrees listed below, please select the higher degree.)

No, have not started any other degree

Yes, started but not completed an Associate's degree

Yes, started but not completed a Bachelor's degree

Yes, started but not completed a Master's degree

Yes, started but not completed an Education Specialist diploma

Yes, started but not completed a Ph.D., M.D., law degree, or other high level professional degree  
~~~~~

Before you became a principal, did you have any management experience outside of the field of education?

No

Yes

~~~~~  
Did you become a principal through alternative prep programs, such as New Leaders for New Schools?

No

Yes

~~~~~  
Are you currently certified as a principal in your state?

No

Yes

~~~~~  
Including this school year, how many years have you served as the principal of [your school] or any other school?

~~~~~  
Including this school year, how many years have you served as the principal of [your school]?

~~~~~  
In addition to serving as principal, are you currently teaching at [your school]?

*Note: Question wording was customized in the survey instrument such that the respondent's school name appeared in place of "your school".*

No

Yes

~~~~~  
[Including this school year, how /How ]many years of middle school and high school teaching experience do you have?

Middle (6-8)

Secondary (9-12)

~~~~~  
\* What was the main subject that you taught at the middle school level?

English

Math

History or social studies or social science

Natural or physical sciences

Foreign languages

Physical education

Vocational education

Business

Other subject

~~~~~  
\* What was the main subject that you taught at the high school level?

English

Math

History or social studies or social science

Natural or physical sciences

Foreign languages

Physical education

Vocational education

Business

Other subject

In an average work week, how many hours do you spend on the following activities?

- Working with teachers on instructional issues
- Internal school management such as creating weekly calendars, dealing with vendors, office management, or writing memos
- External school management such as district or superintendent meetings, financial operations, public relations, or communicating with decision-makers outside the school community
- Student discipline or attendance
- Monitoring hallways, campus, or lunchroom
- Your own teaching assignments
- Talking and meeting with parents
- Meeting with students
- Paperwork required by local, state, or federal authorities
- Other work-related activities

~~~~~  
To what degree is each of the following matters a problem at [your school]?

Student tardiness

- Not a problem
- Minor problem
- Moderate problem
- Serious problem

Student absenteeism

- Not a problem
- Minor problem
- Moderate problem
- Serious problem

Student class cutting

- Not a problem
- Minor problem
- Moderate problem
- Serious problem

Teacher absenteeism

- Not a problem
- Minor problem
- Moderate problem
- Serious problem

Students dropping out

- Not a problem
- Minor problem
- Moderate problem
- Serious problem

Student apathy

- Not a problem
- Minor problem
- Moderate problem
- Serious problem

Lack of parental involvement

- Not a problem

Minor problem  
Moderate problem  
Serious problem  
Students come to school unprepared to learn  
Not a problem  
Minor problem  
Moderate problem  
Serious problem  
Poor student health  
Not a problem  
Minor problem  
Moderate problem  
Serious problem  
Lack of resources and materials for teachers  
Not a problem  
Minor problem  
Moderate problem  
Serious problem

~~~~~  
To the best of your knowledge how often do the following types of problems occur at your high school?

Physical conflicts among students  
Daily  
At least once a week  
At least once a month  
On occasion  
Never happens  
Robbery or theft  
Daily  
At least once a week  
At least once a month  
On occasion  
Never happens  
Vandalism  
Daily  
At least once a week  
At least once a month  
On occasion  
Never happens  
Student use of illegal drugs while at school  
Daily  
At least once a week  
At least once a month  
On occasion  
Never happens  
Student use of alcohol while at school  
Daily  
At least once a week  
At least once a month

On occasion

Never happens

The sale of drugs on the way to or from school or on school grounds

Daily

At least once a week

At least once a month

On occasion

Never happens

Student possession of weapons

Daily

At least once a week

At least once a month

On occasion

Never happens

Physical abuse of teachers

Daily

At least once a week

At least once a month

On occasion

Never happens

Student racial tensions

Daily

At least once a week

At least once a month

On occasion

Never happens

Student bullying

Daily

At least once a week

At least once a month

On occasion

Never happens

Student verbal abuse of teachers

Daily

At least once a week

At least once a month

On occasion

Never happens

Student in-class misbehavior

Daily

At least once a week

At least once a month

On occasion

Never happens

Student acts of disrespect for teachers

Daily

At least once a week

At least once a month

On occasion  
Never happens  
Student gang activities  
Daily  
At least once a week  
At least once a month  
On occasion  
Never happens

~~~~~