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

SECTION A: School Characteristics

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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.

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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

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

- No
- Yes

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* Does this school have a religious orientation or purpose?

- No
- Yes

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

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

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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 21st 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

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

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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

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* 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
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".

[Including this school year, 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
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