

Nevada Educator Workforce & Class Sizes

Business Rules - Class Sizes



Title

Class Sizes

Purpose

The class size data provides the class sizes experienced by students in Nevada in their core classes.

Data Update Frequency

Data extracts are provided nightly from the state edition of Infinite Campus. Infinite Campus is the student information system used in the state of Nevada.

Data Exclusions

Districts

Data is reported for Nevada's 17 regular county school districts and state sponsored charter schools. The correctional and university districts are not included.

Schools

Schools are excluded if they are NOT of school type:

- Regular
- District Charter
- SPCSA (State Public Charter School Authority)

Learn more about school types in the School Directory - Business Rules.

Courses - Instructional Delivery Mode

Courses are limited to those that have a traditional face-to-face instructional delivery mode. Courses are excluded from this reporting if they are coded in Infinite Campus with an instructional delivery mode of:

- B: Blended Classroom/Distance Education
- D: Fully Online Distance Education
- E: Credit by Exam
- I: Independent Study

Courses - Elementary

For the majority of elementary schools in Nevada students have the same teacher for their core subject areas. In the student information system there are typically two periods they take attendance: AM and PM. These two classes with the primary teacher are the classes that are used for elementary class size reporting. Note: This is different from the secondary level where attendance is taken for each class.

An elementary course must meet all of these criteria to be included in the elementary class size experience reporting:

- Course is marked as an attendance course in Infinite Campus
- SCED Subject ID = 23 (Non-Subject Specific)
- SCED Course ID is one of the following:
 - 003 – Kindergarten
 - 004 – Grade 1
 - 005 – Grade 2
 - 006 – Grade 3
 - 007 – Grade 4
 - 008 – Grade 5
 - 012 - Prior to Secondary Education
 - 990 – Non-Subject Specific
- Course has a SCED Instructional Delivery Mode of “F: Face to Face” OR NULL
- Course is marked active in Infinite Campus
- Course State Code is not null in Infinite Campus
- Course is NOT marked “State Report Exclude” in Infinite Campus

SCED (School Courses for the Exchange of Data) is a common classification system for school courses developed by the National Forum on Education Statistics. You can learn more about SCED at:

[SCED Finder | Fast access to school codes](#)

In the event an elementary school takes attendance for each individual class, like is done at the secondary level, then an English course is identified that is taken by all students to use in place of the AM / PM attendance course.

Elementary is defined as being in grades Kindergarten through 5th grade.

Courses - Secondary

Secondary courses are limited to the core subjects of English, Mathematics, Science, and History.

A secondary course must meet all of these criteria to be included in the secondary class size experience reporting:

- SCED Subject ID is one of the following:
 - 01 – English Language and Literature
 - 02 – Mathematics
 - 03 – Life and Physical Sciences
 - 04 – Social Sciences and History
- Course has a SCED Instructional Delivery Mode of “F: Face to Face” OR NULL
- Course is marked active in Infinite Campus
- Course State Code is not null in Infinite Campus
- Course is NOT marked “State Report Exclude” in Infinite Campus

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Secondary is defined as being in grades 6th grade through 12th grade.

Students

To be included students must meet the following criteria:

- Student's enrollment is NOT marked as a "No Show" in Infinite Campus
- Student is rostered to an eligible course (course being reported in the dashboards) on the most recent school day (last day of school if the school year is complete)
- Student's roster start and end dates fall within their enrollment start and end dates

Data Elements - Course Sections

All of the elementary and secondary course section data used in this site can be downloaded from the [Data Files](#) page in the *Research and Data* tab.

- **School Year:** School year for the given course section.
- **District ID:** The state id for the district in which the school is located. This id can be used to connect to district data from other state data sources such as [Nevada Report Card](#).
- **District Name:** The name of the district in which the school is located.
- **State School ID:** The state id for the school. This id can be used to connect to school data from other state data sources such as [Nevada Report Card](#).
- **School:** School Name
- **SCED Subject ID:** SCED code for the subject of the course. SCED codes can be viewed [here](#).
- **SCED Subject Name:** Subject area name that corresponds to the SCED Subject ID.
- **SCED Course ID:** SCED code for the course. SCED codes can be viewed [here](#).
- **SCED Course Name:** The SCED course name that the course has been classified as.
- **Local Course Name:** The actual course name that is displayed in Infinite Campus, the student information system.
- **Section Number:** The section number assigned to this instance of the course in Infinite Campus.
- **Primary Teacher License Number:** The license number assigned to the primary teacher. This can be used to connect course data to teacher workforce data.
- **Primary Teacher:** Name of the primary teacher.
- **Student Count:** Actual count of students enrolled in this individual section.

Calculation Methodologies

- **Class Size**

- A class is considered a single room of students meeting at the same time.
- In the vast majority of cases a class is made up of a single section of a course.
- There can be instances where multiple sections meet at the same time, with the same teacher. A unique student count across the sections is added together to make a single class size.
- Sections are combined to report a single class size when they have:
 - Same school
 - Same term
 - Same period name
 - Same primary teacher
 - Same SCED subject area

- **Average Class Size Experience**

- Average class size experience does the averaging at the student level instead of the class level providing a more accurate measure of what students experience. It averages the class size each student experiences instead of averaging the size of each class.

For example, take two classes, one with 30 students and another with 6 students.

- The average class size averages the two class sizes:
 - $(30 + 6) / 2 \text{ classes} = 18 \text{ average class size}$
- The average class size experience averages the class size experienced by the 36 students. 30 students experienced a class size of 30 and 6 students experienced a class size of 6:
 - $[(30 * 30) + (6 * 6)] / 36 \text{ students} = 26 \text{ average class size experience}$
- 26 is a more accurate representation of what most students are experiencing than the average class size of 18.
- Elementary class size experiences are calculated for students who are in grades K-5.
- Secondary class size experiences are calculated for students who are in grades 6-12.
 - If there were 20 students in a 6th grade math class and one of them was a 5th grader. The 5th grader would be included in the class size count giving each 6th grade student a class size experience of 20, but the 5th grader's experience would not be included in the averaging because that student is not considered a secondary student (i.e., 6th - 12th grade)