

**School Board Presentation Notes**  
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**Average Class Size v. Student-Teacher Ratio**

**Average Class Size = Total Students in All Classes/Number of Classes**

**CEHS Average Class Size=16.9 students**

- Excludes Special Education Classes
- Excludes Instrumental Music
- Excludes Study Hall and Achievement Period

Policy Comparison: Policy IIB targets 20-24 students

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**Student Load Per Teacher = Average Number of Students Each Teacher Has on Rosters for Academic Classes**

**CEHS Student Load Per Teacher=84.5 students**

- Excludes Instrumental Music
- Excludes Study Halls
- Excludes Achievement Period/Advisory, even though all teachers have a roster of students they must manage for Achievement Period/Advisory
- Full-time teaching load at CEHS is 5 classes per teacher

Policy Comparison: Policy IIB targets 75-90 students

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**Student to Teacher Ratio = Total Number of Students/Total Number of Regular Education Teachers**

**CEHS Student to Teacher Ratio=13.5 students:teacher**

## CEHS Student:Teacher Ratio in Perspective

CEHS Student:Teacher Ratio=13.5 students:teacher

Two Comparison Schools in Maine=13.6 students: teacher

State's Essential Programs & Services calculates funding @ 16 students:teacher

If we went to 16 students per teacher, that would mean:

- Loss of 6 teachers
- Class Size=20-21 students
- Student Load per Teacher= 100-105 students
- CEHS would become much less attractive to new families

Note: State's teacher count for CEHS last year overstated reality by 1.7-2.2 teachers

### Student:Teacher Ratio in Top Schools on U.S. News Best High Schools List, 3 States

(Note: excludes charter schools, magnet schools, and examination schools where admission is based on admission test results)

<b>Massachusetts</b>		<b>Maine</b>		<b>New Hampshire</b>	
Hopkinton,	14:1	Yarmouth HS	13:1	Hopkinton HS	10:1
Medford HS	13:1	Falmouth HS	12:1	Windham HS	14:1
Arlington HS	13:1	Wells HS	11:1	Hollis-Brookline HS	13:1
Belmont HS	17:1	Scarborough HS	13:1	Oyster River HS	11:1
Manchester Essex HS	11:1	Greely HS	10:1	Souhegan HS	11:1
Lexington HS	13:1	York HS	12:1	Bow HS	11:1
Weston HS	10:1				

# Class Size, Student Load and High Performance

Class Size affects the amount of **Teacher Time and Attention** each Student Can Receive During a Period

This is why *the one question* all visitors to CEHS inquire about is *average class size*

Student Load Per Teacher affects the manageable **Rigor** of Expectations and Assignments

**The Iceberg Reality of Teaching**—The Majority of teacher work time is spent outside the classroom preparing and grading

The amount of time preparing and grading takes is directly related to the student load

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## Class Size and Being **Small and Comprehensive**: The Pragmatic Scheduling Reality of Hitting Targets

*Examples.* How many sections of classes would you schedule based on the following student signups for classes? What would be resulting class sizes? How would that affect average class size?

- 31 students sign up for Spanish IV Conversation
- 51 students sign up for CP Chemistry (note—12 lab stations in a Chemistry classroom,, 24 student cap on size of class)
- 10 students sign up for Advanced Studio Art, our most advanced art class
- 24 students sign up for Personal Finance (note—16 computers in room)