

# Proposal to Fund Computer Science Education in Connecticut

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Hannah Weissman | February 18, 2025

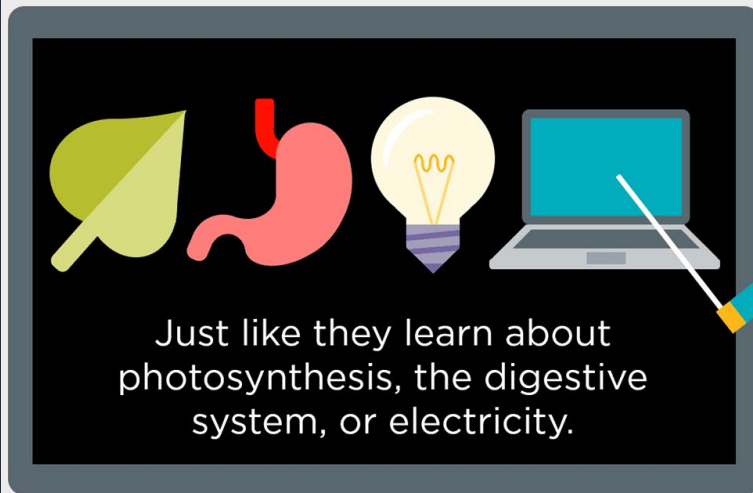
# Why Computer Science





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## Computer science is foundational



Every 21<sup>st</sup> century child should have a chance to learn about algorithms, how to make an app, or how the internet works.



## Why Computer Science

Computing jobs are expected  
to grow at more than

**10 X**

the average rate of overall  
employment in the next  
decade



**In Connecticut, there are currently more  
than 5,000 open computing jobs per month  
with an average salary of \$112,526.**

# From Access to Participation

It is necessary for all schools to provide access to computer science courses for all students.

But that is just **the first step** to ensuring all students actually participate in these courses. ....>

**84%**

of Connecticut high school students offer computer science classes

**8.5%**

of high school students enrolled in a computer science class last school year



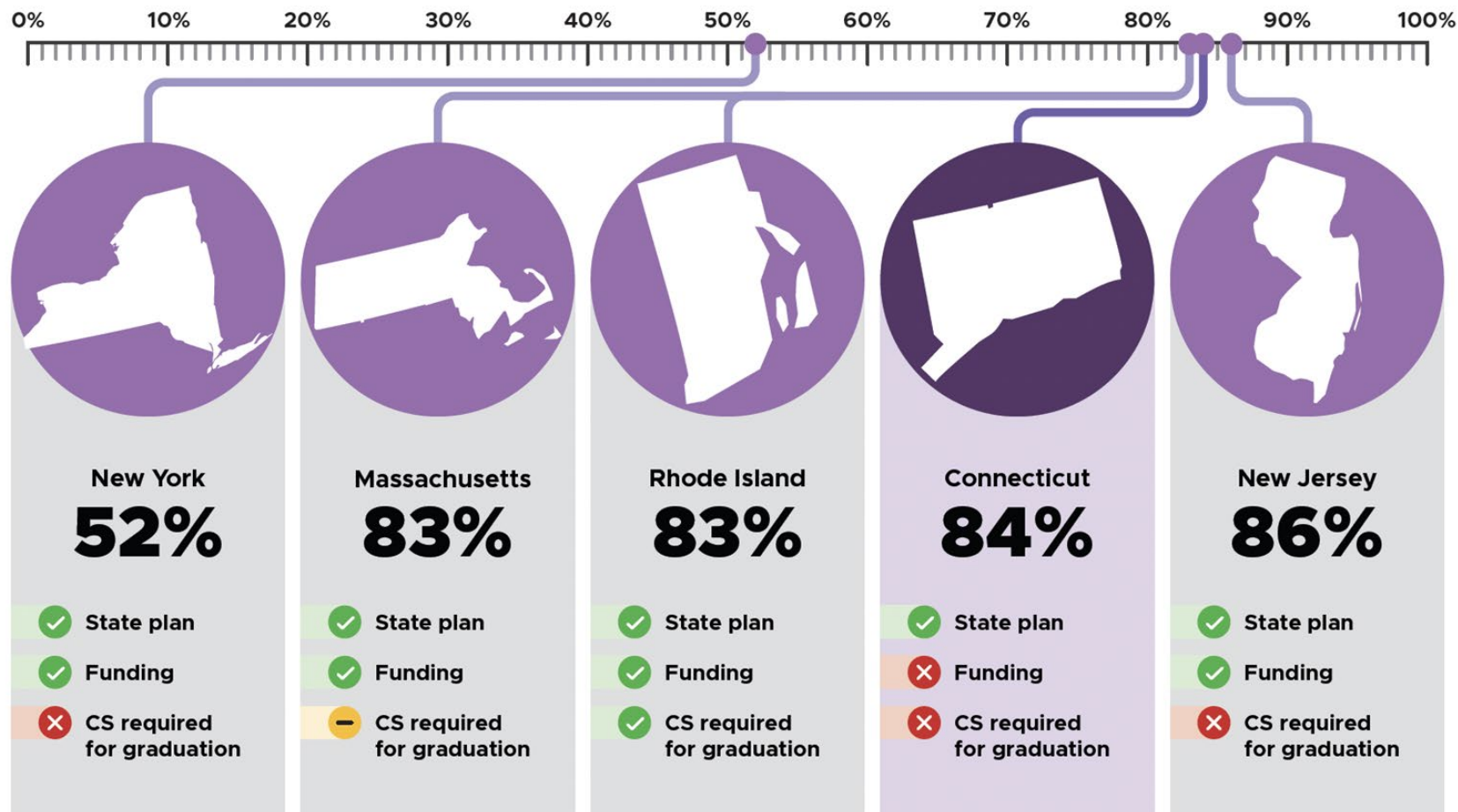
# Diving into the Data

That 8.5% of students taking science science is not representative of Connecticut's student body, particular for young women and students of color.

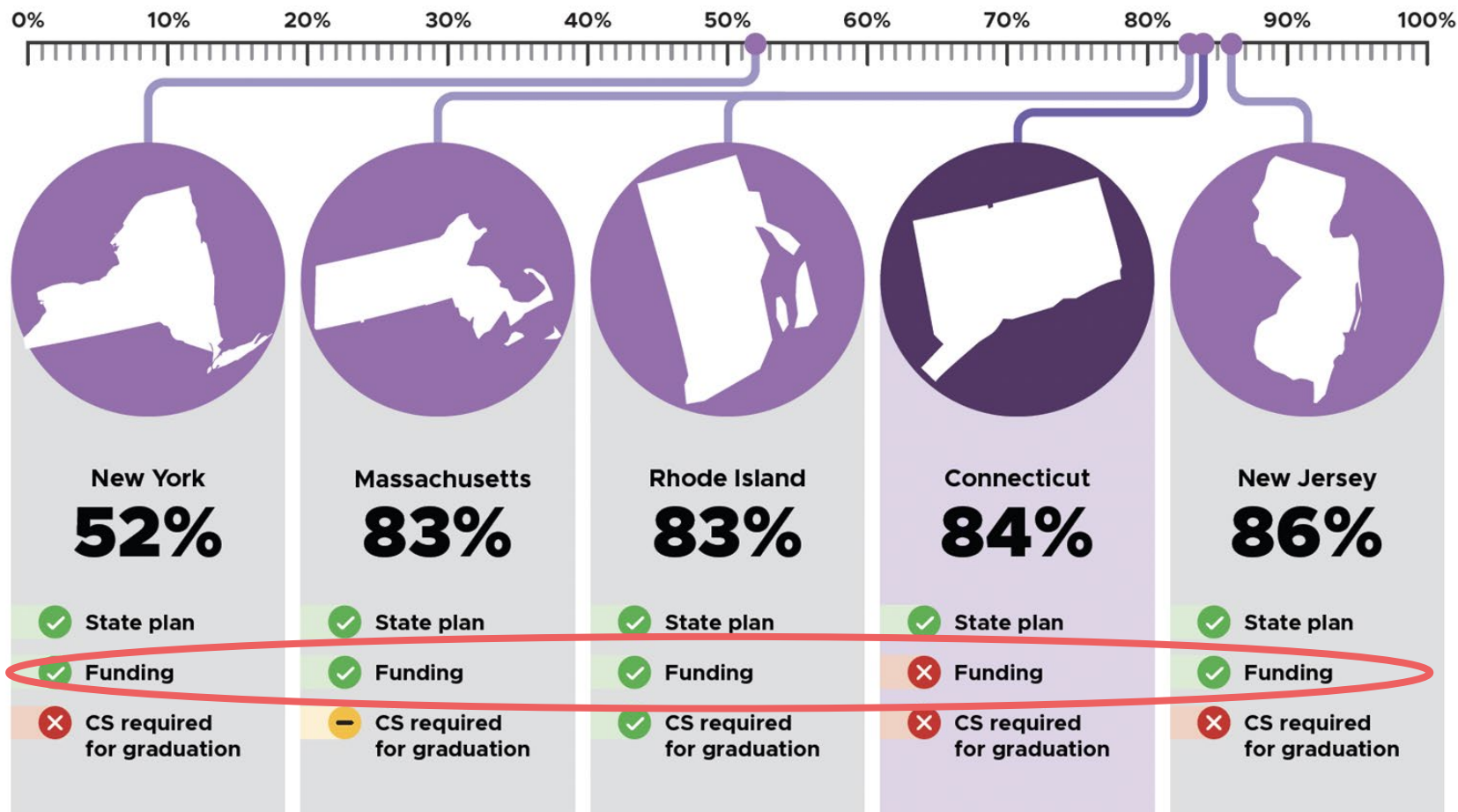
Young men are 2.3x more likely to take CS than young women

Black students are 1.3 less likely to take CS than their white and Asian peers

## Comparative Access to Computer Science Courses (% of HS offering)



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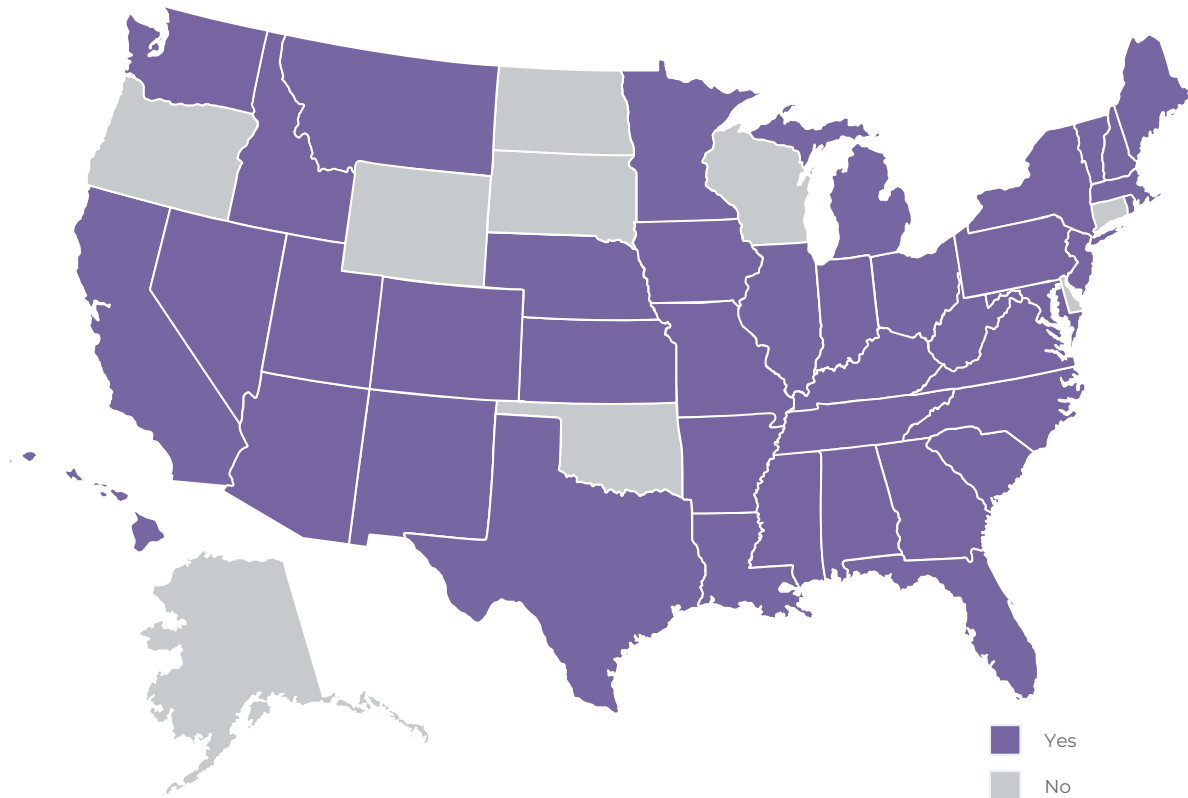




# K-12 Computer Science National Perspective

40 States have funded for Computer Science Education, Connecticut has not.

- Maryland: allocation \$5M in 2019 and \$1M recurring annually
- New Hampshire: allocated \$3.2 M in 2023
- New Jersey: allocated \$2 M recurring since 2019



General Assembly

*January Session, 2025*

***Proposed Bill No. 852***

LCO No. 2568



\* 0 2 5 6 8 \*

Referred to Committee on APPROPRIATIONS

Introduced by:

SEN. SLAP, 5th Dist.

SEN. HONIG, 8th Dist.

REP. KAVROS DEGRAW, 17th Dist.

***AN ACT CONCERNING FUNDING FOR COMPUTER SCIENCE  
TEACHER PROFESSIONAL DEVELOPMENT.***