THE DIVIDED STATES OF STEM EDUCATION

Technology touches nearly every aspect of our lives, but STEM education in America is all over the map. Learn which states are leading the charge to give our future innovators the tools they need to succeed, and which states need to invest the most in their STEM students.

IT'S TIME TO INVEST IN STEM EDUCATION

93% of parents of K-12 students believe STEM education should be a priority

Yet less than ½ (49%) believe the U.S. actually prioritizes STEM education

Only 1 in 5 STEM college students believe K-12 education prepared them extremely well for relevant college coursework

10% STEM students are 10% more likely to have “A” GPAs than non-STEM students

WE CAN DO BETTER

Just 23 states and the District of Columbia count computer science as a math or science graduation requirement

K-8 COMPUTER SCIENCE REQUIREMENT SCHOOL ADOPTION RATES

The U.S. has a 69% school adoption rate for K-8 Computer Science Teachers Association (CSTA) standards

K-8 ADOPTION RATE

<table>
<thead>
<tr>
<th>State</th>
<th>Adoption Rate</th>
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</thead>
<tbody>
<tr>
<td>FL</td>
<td>100%</td>
</tr>
<tr>
<td>LA</td>
<td>100%</td>
</tr>
<tr>
<td>MA</td>
<td>100%</td>
</tr>
<tr>
<td>ID</td>
<td>100%</td>
</tr>
<tr>
<td>VA</td>
<td>100%</td>
</tr>
</tbody>
</table>

TOP STATES

DC | 3%
LA | 3%
MA | 6%
ID | 11%
VA | 11%

BOTTOM STATES

SPEND PER STUDENT INCREASE 2006-2011

<table>
<thead>
<tr>
<th>State</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL</td>
<td>18.20%</td>
</tr>
<tr>
<td>LA</td>
<td>28.10%</td>
</tr>
<tr>
<td>MA</td>
<td>15.61%</td>
</tr>
<tr>
<td>ID</td>
<td>4.46%</td>
</tr>
<tr>
<td>VA</td>
<td>8.58%</td>
</tr>
</tbody>
</table>

DC | 54%
LA | 7.53%
MA | 19.95%
ID | 10.21%
VA | 18.44%

State size distorted according to each state’s CSTA Computer Science Standards school adoption rate for K-8 (3 – 100%)

SOURCES:


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