No Time to Lose
States Transforming Their Education Systems

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National Center on Education and the Economy
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About NCEE

• 30+ years studying the world’s top education systems; analyzing changes in the global economy and implications for education

• We provide:
  – World-class executive development for ed leaders
  – Research and policy development for state policymakers

• Our staff supported both the NCSL report *No Time to Lose* and Maryland’s Commission on Innovation and Excellence in Education
What We Spent; What We Got For It

Per Pupil Spending and NAEP 4th Grade Mathematics Scores, 1978 to 2012

Spending shown in constant 2013-2014 dollars
Recent Trends: Automation and Globalization

- Fewer low-skill, low-pay jobs
- Entry level and routine work being eliminated for young people
- Manufacturing (including higher paying jobs) being rapidly automated
- Firms reducing permanent workforce; growth of gig economy
### Other Countries Get More

#### US Rankings on PISA

<table>
<thead>
<tr>
<th>Year (Countries in Sample)</th>
<th>Reading</th>
<th>Math</th>
<th>Science</th>
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</thead>
<tbody>
<tr>
<td>2000 (32)</td>
<td>15</td>
<td>19</td>
<td>14</td>
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<td>2003 (41)</td>
<td>18</td>
<td>28</td>
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<td>2006 (57)</td>
<td>NR</td>
<td>34</td>
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<td>2009 (65)</td>
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<td>2012 (65)</td>
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<td>2015 (70)</td>
<td>23</td>
<td>39</td>
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No Time to Lose Argues that Matching Top Performers Requires States to...

ü Build an inclusive team and set priorities
ü Study and learn from top performers
ü Create a shared statewide vision
ü Benchmark policies
ü Get started on one piece
ü Work through messiness
ü Invest the time
Three States Transforming Education Systems

I. Recognizing the Case for Change

II. Navigating the Politics of Education to Reach Success

III. Spreading the Work Nationwide
Thank you!

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