No Time to Lose
States Transforming Their Education Systems

Anthony Mackay
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
- Manufacturing (including higher paying jobs) being rapidly automated
- Entry level and routine work being eliminated for young people
- 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>
</tr>
</thead>
<tbody>
<tr>
<td>2000 (32)</td>
<td>15</td>
<td>19</td>
<td>14</td>
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<tr>
<td>2003 (41)</td>
<td>18</td>
<td>28</td>
<td>22</td>
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<td>2006 (57)</td>
<td>NR</td>
<td>34</td>
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<td>2009 (65)</td>
<td>17</td>
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<td>2012 (65)</td>
<td>24</td>
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<tr>
<td>2015 (70)</td>
<td>23</td>
<td>39</td>
<td>25</td>
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</table>
No Time to Lose Argues that Matching Top Performers Requires States to...

- Build an inclusive team and set priorities
- Study and learn from top performers
- Create a shared statewide vision
- Benchmark policies
- Get started on one piece
- Work through messiness
- 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!

amackay@ncee.org

202-379-1800

www.ncee.org

@CtrEdEcon