

# Strategic Plan: National Data Overviews

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# High Level Overview

- National data that allows for state to state comparisons is challenging to obtain.
  - Data that is more easily collected and analyzed is frequently delayed by 2-3 years.
  - Data that is time intensive to collect by visiting each state's website and hand entering it into a new data file is available yearly- if data is published by December 2018, AOE could collect and analyze to share results with SBE in April/May of 2019.

# National Sources of Data-Academics 1

Source	Indicators	State Pool	Strengths	Limitations
Smarter Balanced	<ul style="list-style-type: none"> <li>3-9<sup>th</sup> Grades</li> <li>English/ Language Arts</li> <li>Mathematics</li> </ul>	CA, CT, DE, HA, ID, MI, MT, NV, NC, OR, SD, USVI, VT, WA	<ol style="list-style-type: none"> <li>Aligned to our adopted standards</li> <li>Administered yearly</li> <li>Multiple grade levels</li> <li>School and SU/SD level data is also available</li> </ol>	<ol style="list-style-type: none"> <li>Smaller pool of states</li> <li>Not all states administer tests in the same way, most states not administering 9<sup>th</sup> grade.</li> <li>Dependent on how other states report data, may present challenges to build data set for analysis.</li> </ol>
Science Assessment	<ul style="list-style-type: none"> <li>5, 8 and 11<sup>th</sup> grades</li> </ul>	RI, NH	<ol style="list-style-type: none"> <li>Aligned to our adopted standards</li> <li>Administered yearly</li> <li>Multiple grade levels</li> <li>School and SU/SD level data is also available</li> </ol>	<ol style="list-style-type: none"> <li>Smaller pool of states</li> <li>Not all states administer tests in the same way</li> <li>New in 2018-19</li> </ol>

These results are published by AOE in the Snapshot and published by other states by December each year.

# National Sources of Data-Academics 2

Source	Indicators	State Pool	Strengths	Limitations
National Assessment of Educational Progress (NAEP)	<ul style="list-style-type: none"> <li>• 4, 8 and 12<sup>th</sup> grades</li> <li>• Mathematics (2017),</li> <li>• Reading (2017),</li> <li>• Science (2015),</li> <li>• Writing (2017),</li> <li>• technology and engineering literacy (2014),</li> <li>• Arts (2016),</li> <li>• Civics (2014),</li> <li>• Geography (2014),</li> <li>• Economics (2012),</li> <li>• U.S. history (2014)</li> </ul>	All states and territories	<ol style="list-style-type: none"> <li>1. Larger pool of states</li> <li>2. 4<sup>th</sup> and 8<sup>th</sup> grade math, reading, and writing are regularly assessed every other year.</li> <li>3. Results are easily analyzed as all states are in the same data set.</li> </ol>	<ol style="list-style-type: none"> <li>1. Not all assessments are administered on a regular basis</li> <li>2. Not directly linked to the adopted standards</li> <li>3. Results are released by NAEP according to their timeline.</li> <li>4. All demographic data is self-reported by students.</li> <li>5. School and SU/SD level data is not available</li> </ol>

These results are published by [NAEP](#) as results are available. As of 6.18.18, the results of the reading and mathematics assessments administered in 2017 but writing is not yet available.

# National Sources of Data-Enrollment and Staffing

Source	Indicators	State Pool	Strengths	Limitations
National Center for Education Statistics	<p>State Level Data</p> <ul style="list-style-type: none"> <li>• Student enrollment counts including grade level, program participation (FRL and ELL), gender, race/ethnicity</li> <li>• Pupil/Teacher Ratio</li> <li>• Counts of teaching staff by grade level</li> <li>• Counts of other staff including administrators, librarians, counselors, paraprofessionals, etc.</li> </ul>	All states and territories	<ol style="list-style-type: none"> <li>1. All states and territories are included.</li> <li>2. Data is collected pursuant to standard directions disseminated by USED.</li> <li>3. Public School and SU/SD level data is available.</li> </ol>	<ol style="list-style-type: none"> <li>1. Most current data was released for 2015-16; generally 2 years behind.</li> </ol>

These results are published by [IES](#) and available for review. This is generally two years after data

# National Sources of Data-Ed Facts

Source	Indicators	State Pool	Strengths	Limitations
USED- Ed Facts	ESSA related files 1. Overall proficiency in ELA and Math 2. Assessment Participation 3. 4-year Graduation Rates	All states and territories	1. All states and territories are included. 2. Data is collected pursuant to standard directions disseminated by USED. 3. Public School data is available.	1. Most current data was released for 2015-16; generally 2 years behind. 2. AOE could gather by hand from other state report cards after December publishing at relatively high personnel costs.

[ESSA Related Ed Facts](#)

# National Sources of Data-Climate Issues

Source	Indicators	State Pool	Strengths	Limitations
<a href="#">Youth, Risk, Behavior Survey</a>	<ul style="list-style-type: none"> <li>• Sexual behaviors</li> <li>• Drugs, alcohol and tobacco use</li> <li>• Unhealthy dietary behaviors</li> <li>• Inadequate physical activity</li> </ul>	Most states and territories	<ol style="list-style-type: none"> <li>1. Most states and territories are included.</li> </ol>	<ol style="list-style-type: none"> <li>1. Most current data was released for 2017; generally 2 years behind.</li> <li>2. Data files require analysis.</li> <li>3. Demographic data is student self-report.</li> <li>4. School and SU/SD level data is not available</li> </ol>
<a href="#">Civil Rights Data Collection</a>	<ul style="list-style-type: none"> <li>• Exclusionary discipline (suspensions)</li> <li>• Expulsions</li> <li>• Referral to law enforcement and arrests</li> <li>• Corporal punishment</li> </ul>	Most states and territories	<ol style="list-style-type: none"> <li>1. Most states and territories are included.</li> <li>2. School level data is available</li> </ol>	<ol style="list-style-type: none"> <li>1. Most current data was released for 2013;</li> <li>2. Data files require analysis.</li> <li>3. All data is school self-report and not validated by AOE.</li> </ol>

# National Sources of Data-Finance

Source	Indicators	State Pool	Strengths	Limitations
USED-Finance Survey Data	Finance Related 1. Federal Revenue (total and by program) 2. State Revenue (total and by program) 3. Local Revenue (total and by program) 4. Payments to independent schools 5. Current expenditures (total and by categories) 6. Capital outlays 7. Etc.	All states and territories	1. All states and territories are included. 2. Data is collected pursuant to standard directions disseminated by USED.	1. Most current data was released for 2013-14; generally 3 years behind. 2. While directions are available, USED doesn't have directions to support the school-district-SU structure in Vermont.