



New Hampshire

**Department of Education**

# Exploring the Enhanced iPlatform

-- a tool for exploring NH schools and districts --

**NH Department of Education**

February 2022

Dina Rabuck  
Lauren Mercier  
Mike Schwartz

# Today's DOE Presentation Team



**Dina Rabuck, Technical Support Specialist** Dina has established herself at the intersection of database administration, data analytics and education data. With more than a decade of experience with database and education data, Dina understands the details of education policy and practice. She is able to build data repositories and use her expertise to ensure data quality. Dina has led the development of iPlatform with the intent to helping multiple stakeholders understand NH schools and districts and improve public education.



## **Lauren Mercier, PD and School Specialist**

Lauren is a seasoned educator with experience as a classroom teacher, school counselor, administrator and has worked with students in Kindergarten through 12th grade. Lauren is a strong advocate for students and staff, working collaboratively to resolve social, behavioral and academic concerns. She has particular interest and training in social and emotional learning and development, multi-tiered systems of support and wrap around services.



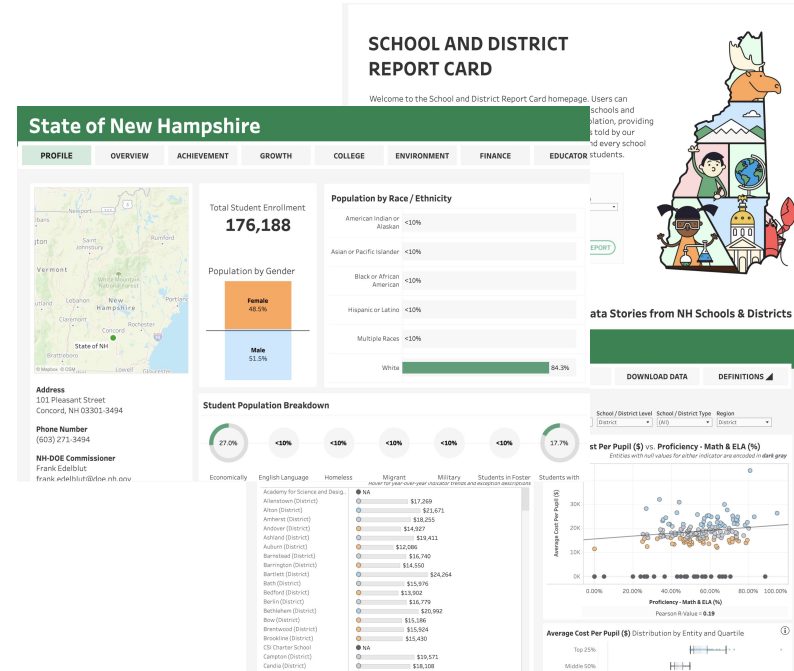
## **Mike Schwartz, Director**

Mike has a doctorate in Education Policy with decades of experience as an educator and technology developer. Mike began his career at Accenture consulting and has been working for the NH Department of Education for twenty years. Mike is a recognized leader, out of the box thinker, and round the clock worker who prioritizes supporting his colleagues and the NH schools.



# Today's Agenda

1. iPlatform - what is this all about; what data is available
2. iPlatform 101 - what does it look like
3. iPlatform 101 - a live demo
4. iPlatform data release schedule - what can I expect this coming year
5. Q&A





# What are the Components of iPlatform?

## iReport

- Profile..... Enrollment, demographics and location
- Overview..... Summary values for six indicator areas
- Achievement..... Math, ELA and Science performance
- Environment..... Suspension, Expulsion and Class Size
- Educator..... Certification, Experience and Salary
- Finance..... Cost Per Pupil, Expenditures and Revenue
- Growth..... ELA and Math
- College & Career..... Graduation Rate and Readiness Indicators (HS and District only)
- ESSA..... Federal Accountability
- IDEA..... Special Education Indicator (District only)

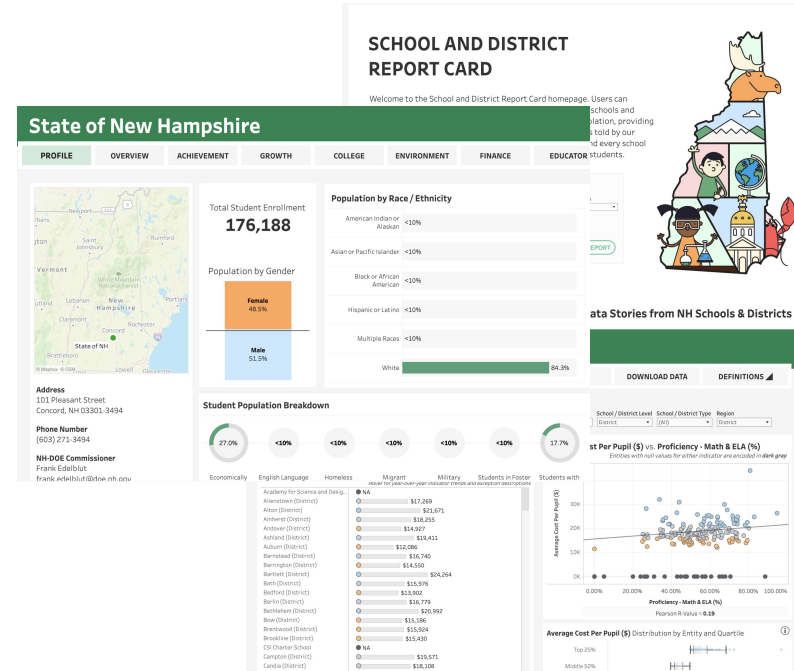
## iExplore

- Explore..... Explore an indicator across all schools or district
- Compare..... Compare all indicators across two schools or districts
- Discover..... Discover the relationship between two indicators
- Search..... Search for schools or districts that meet indicator criteria
- Download..... Download longitudinal indicator values for all schools or districts
- Definitions..... Understand the indicators in iExplore and iReport



# Today's Agenda

1. iPlatform - what is this all about; what data is available
2. iPlatform 101 - what does it look like
3. iPlatform 101 - a live demo
4. iPlatform data release schedule - what can I expect this coming year
5. Q&A



# Accessing iPlatform

Google: *NH DOE iPlatform*

Or goto: *https://www.education.nh.gov/who-we-are/division-of-educator-and-analytic-resources/iplatform*



[Home](#) [Contact Us](#) [Email Distribution List](#) [Education Pathways](#) [Parents and Students](#) [Educators](#) [Partners](#) [Who We Are](#) [Careers](#)

[Home](#) > [Who We Are](#) > iPlatform

## iPlatform

*New Hampshire's school data transparency portal.*

## iPlatform 9.75

Welcome to the New Hampshire Department of Education's iPlatform 9.75 for education data stories from schools/districts. The concept behind this portal is to enhance transparency and stimulate community conversations with parents, districts, legislators, and others about the state of their local school systems. We all have a stake in the success of our K-12 education system and we all share the common aspiration of well-educated students. As article 83 of the New Hampshire Constitution states, "Knowledge and learning, generally diffused through a community, being essential to the preservation of a free government; and spreading the opportunities and advantages of education through the various parts of the country, being highly conducive to promote this end."

While we all share the same goal of creating bright futures for Granite State students, how that is accomplished may vary. We fiercely believe in local control of education; each community shapes unique student educational experiences. No one data point is adequate to tell the story of an educational experience.

This portal includes a broad – and expanding – range of information to create the opportunity for community conversations. It is comprised of four areas designed to help you get the information you need. To help you navigate through the iPlatform tools please refer to our iPlatform training and Resources area where you will find iPlatform training materials and upcoming webinars.

[iPlatform Training and Resources](#) **Register now for the 2022 Webinars!**

For best viewing purposes, access the following links in Chrome, Safari, or Edge.

### **iReport NEW!**

Includes static information about individual schools and school districts that comprises the accountability data elements included in the New Hampshire federal accountability plan under the Every Student Succeeds Act. This is a great source to get a quick snapshot of a particular school or district.

### **iExplore NEW!**

Includes more dynamic information about individual schools and comparative tools between schools, districts, and state level information. More advanced comparisons are made between data with drill-down capability. At this point, iExplore is driven by 15 identified data elements. This list will



# Components of iPlatform -> iReport

## SCHOOL AND DISTRICT REPORT CARD

Welcome to the School and District Report Card homepage. Users can explore many performance measures and outcomes for our schools and districts. It is our belief that learning does not happen in isolation, providing multiple measures is key to understanding the many stories told by our students, schools and communities. We believe that each and every school and district is unique and contributes to the success of our students.

*Optional Filters to Change Schools/Districts Listed*

<b>Select Town(s)</b> (All) ▾	<b>Select Entity Type(s)</b> (All) ▾	<b>Select Gradespan(s)</b> (All) ▾
----------------------------------	---	---------------------------------------

Search Schools/Districts and Select 'View Report' When Ready

<b>School Year</b> 2019 - 2020 ▾	<b>Make a School or District Selection</b> A. Crosby Kennett Middle School ▾	<b>VIEW REPORT</b>
-------------------------------------	---	--------------------






# Components of iReport - Profile

Note: Throughout the system we suppress small counts to protect student identification

## Manchester (District)

**PROFILE** OVERVIEW ACHIEVEMENT ENVIRONMENT EDUCATOR FINANCE GROWTH COLLEGE IDEA



Address  
20 Hecker Street  
Manchester, NH 03102-9999

Phone Number  
603-624-6300

Number of Schools in District  
**22**

Superintendent  
**John Goldhardt**

Email Address  
**jgoldhardt@mansd.org**

District ID  
**335**

Total Student Enrollment  
**13,218**

Population by Gender

Male	Female
52.1%	47.9%

Population by Race / Ethnicity

American Indian or Alaskan	<10%
Asian or Pacific Islander	<10%
Black or African American	10.3%
Hispanic or Latino	26.1%
Multiple Races	<10%
White	53.5%

Student Population Breakdown

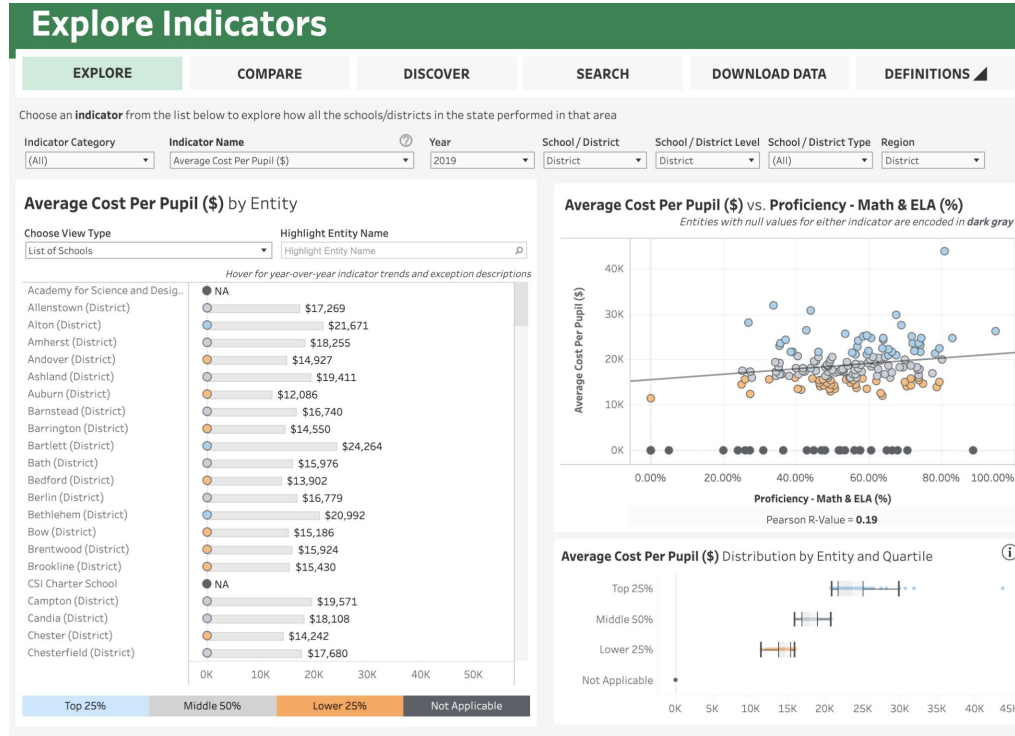
Economically	English Language	Homeless	Migrant	Military Connected Students in Foster	Students with
58.9%	16.6%	<10%	<10%	<10%	<10%
					20.3%

Full Day Kindergarten X 21st Century School X



# Components of iExplore - Explore

Understand how schools and districts are doing in relation to multiple factors.



# Recent Enhancements

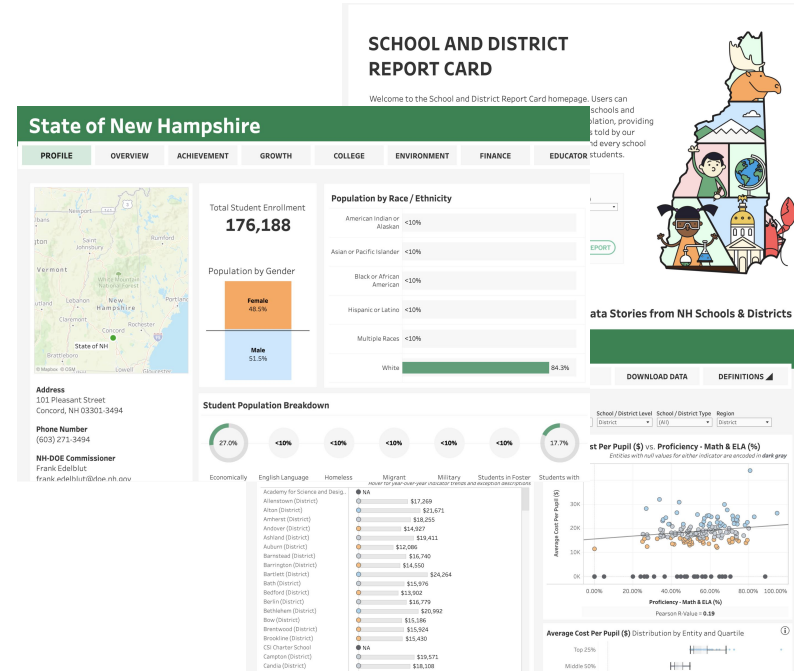
You will see...

- **Easy integration between iReport and iExplore**
- **Great hover pop-ups with detailed information**
- **Increased opportunity for longitudinal data**
- **Easy download options**
- **iReport Mobile interface**
- **ESSA data at the District and state level including improvement funds**
- **Printed report cards for school, district and state.**
- **Training videos and training webpage**
- **And more...**



# Today's Agenda

1. iPlatform - what is this all about; what data is available
2. iPlatform 101 - what does it look like
3. iPlatform 101 - a live demo
4. iPlatform data release schedule - what can I expect this coming year
5. Q&A



# Demo - iReport

Profile	<ul style="list-style-type: none"> <li>• Start with Conway - Kennett MS - point out indicators on page and EL Count Note: Have Iexplore loaded; have ESSA page on DOE website loaded</li> <li>• Describe each section; point out each tab; mention tab differences based on entity;</li> <li>• Hover over demographic for longitudinal data</li> <li>• *N; N/A; &lt;10</li> </ul>
Overview	<ul style="list-style-type: none"> <li>• Describe the blue-gray-orange;</li> <li>• Longitudinal hovers</li> <li>• Description at top of page</li> <li>• CSI/ATS/TSI Status</li> <li>• *CS; *Covid</li> </ul>
Achievement	<ul style="list-style-type: none"> <li>• In context (state / dist / school)</li> <li>• Longitudinal</li> <li>• Integration to iExplore</li> <li>• State Target</li> <li>• Flyout / and how collapse</li> <li>• State Average</li> </ul>
Environment	<ul style="list-style-type: none"> <li>• Point out similarity to information structure</li> <li>• Point out colors across page</li> <li>• Anyone remember the colors for the achievement? Add to chat.</li> <li>• Talk about source of the data - i4see; special education (NHSEIS); ESOL; DHHS (Foster); etc.</li> <li>• Point out suspension trend</li> <li>• Show statewide suspension trend</li> </ul>
Educator	<ul style="list-style-type: none"> <li>• Source is i4see and EIS (nice combination of efforts)</li> <li>• Explain indicators</li> <li>• Salary at district level</li> </ul>



# Demo - iReport (continued)

Finance	<ul style="list-style-type: none"><li>• Show prior year</li><li>• District versus school - switch to district</li><li>• Goto iExplore</li><li>• Choose to highlight Conway</li></ul>
Growth	<ul style="list-style-type: none"><li>• Explain Growth - &gt; 50% is good</li><li>• Show i link for info</li><li>• Mention red and blue (ela / math)</li><li>• Hover over diamond to show longitudinal data</li></ul>
College	<ul style="list-style-type: none"><li>• Explain similar to Achievement and Environment</li><li>• Explain only for high schools</li><li>• Review high grad rate; low drop out</li></ul>
ESSA	<ul style="list-style-type: none"><li>• Hover - but many groups too small</li><li>• Refer to ESSA document</li><li>• Maybe show cut-scores in ESSA (maybe these should be on iPlatform)</li></ul>
IDEA	<ul style="list-style-type: none"><li>• 2020-21 coming soon</li><li>• Show indicators for prior year</li><li>• Click on help icon</li></ul>
DOWNLOAD	<ul style="list-style-type: none"><li>• Download report card</li><li>• Demonstrate help for printing</li></ul>



# Demo - iExplore

Explore	<ul style="list-style-type: none"><li>• Show Avg Class Size - discuss</li><li>• Pearson R Value (at least .5, .7 or more)</li><li>• Show north country</li><li>• Show list of indicators</li><li>• Explain all compared to Math and ELA Combined</li><li>• Highlight a district (conway)</li></ul>
Discover	<ul style="list-style-type: none"><li>• Class Size versus Cost Per Pupil (make sure to select year with data)</li><li>• Average Achievement versus Cost Per Pupil</li><li>• Avg Achievement versus Class Size</li><li>• Switch to School</li><li>• Highlight Conway</li><li>• Hover over a District</li></ul>
Compare	<ul style="list-style-type: none"><li>• Explain components of screen</li><li>• Show you can select two entities</li><li>• Mention longitudinal data</li><li>•</li></ul>
Search	<ul style="list-style-type: none"><li>• 2019; Schools (not districts)</li><li>• Math Proficiency - Economically Disadvantaged - Total Enrollment - Classes by Experienced Educator</li></ul>
Download Data	<ul style="list-style-type: none"><li>• Show example to get data</li></ul>
Definitions	<ul style="list-style-type: none"><li>• Show and expand definitions.</li></ul>



# Demo - Scenarios

1. I understand my school switched math programs a few years ago and I want to see the math performance over the past three years. [iReport]
2. We have pressure to lower student class size, and I want to know if the teacher to student ratio is above or below the state average? [iExplore] Is there a correlation between these teacher to student ratio and performance in Math on the state assessment?
3. I am a board member in a town with high poverty, I want to reach out to schools who are doing well with high populations of economically disadvantaged families...  
*What schools with more than 100 students, had high percentage of student proficient in ELA with at least 50% of the students eligible for F&R meals? [iExplore]*  
*Is this a meaningful correlation? [iExplore]*
4. We want to focus on support for students on an IEP. How have our students on an IEP performed in Math in 2021? How did that compare to the state? [ireport]
5. Perhaps I am interested to know...  
*Is there a correlation factor between cost per student and math achievement? [iExplore]*





# Helpful Hints

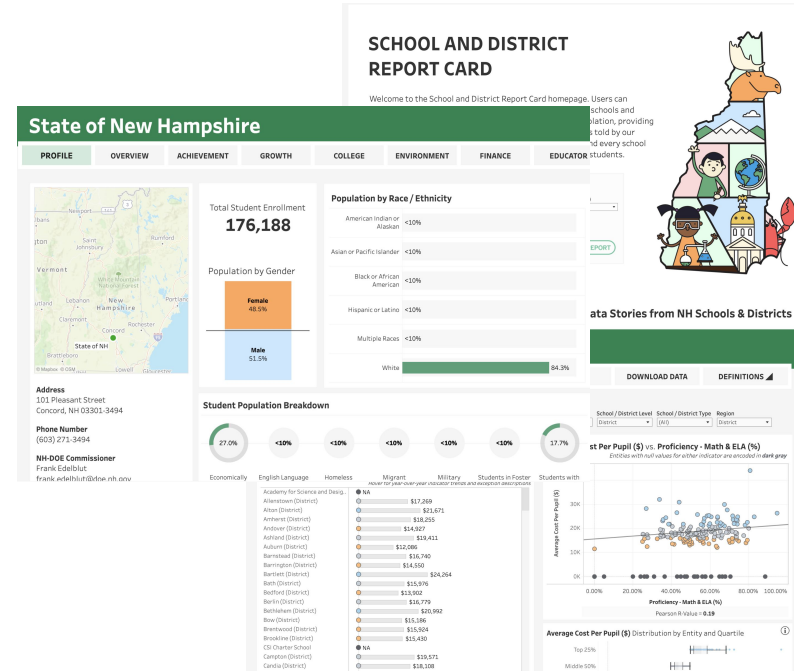
- If you click on an item and it expands, click it again so it contracts.
- Download on iReport to get a report of a school or district (great to have for a school visit).
- Hover over values, frequently, to see more detail (e.g. Overview tab on iReport).
- Remember, blue / gray / orange represent the top / middle / lower quartiles.
- Use the ? (info) button for help about what you are viewing.
- Read the text just under the select menu item (e.g. explore, compare, etc.) to receive some direction on how to use the page.
- In a drop-down, you can type a few letters to jump to that word (e.g. type 'ply' and the school dropdown will jump to plymouth).
- Make sure you choose the right year! And remember there is limited data for 2020.
- Click on an arrow (pointing right), for a flyout with more detailed data (e.g. subgroup data).
- Use iExplore Search to identify schools/districts that match given characteristics (e.g. small schools, high free and reduced enrollment, strong achievement, etc.).
- Pay attention to the Pearson R Value.

Play around the system; click and try; ask the help desk



# Today's Agenda

1. iPlatform - what is this all about; what data is available
2. iPlatform 101 - what does it look like
3. iPlatform 101 - a live demo
4. iPlatform data release schedule - what can I expect this coming year
5. Q&A



# What Can I Expect This Coming Year?

<p>System Updates</p>	<p>Feb 2022 – Financial and post-secondary data released, grade-to-grade proficiency context comparisons</p> <p>April 2022 – IDEA data released, Charter School comparisons with sending districts</p> <p>June 2022 – Detail dashboards for achievement and growth. New Indicators for iExplore:</p>
<p>Upcoming Trainings - Stakeholders</p> <p><i>Visit iPlatform Training Page on DOE site</i></p>	<p>NH DOE Staff</p> <p>LEAs</p> <p>Business Administrators</p> <p>School Board Members</p> <p>Legislatures</p> <p>Parents</p> <p>Researchers</p> <p>Special Interest Groups (School counselors, Special educators, ESOL)</p>



# Contact Information

Contact Dina, Lauren or Mike with questions! We are here to help.

[Dina.H.Rabuck@doe.nh.gov](mailto:Dina.H.Rabuck@doe.nh.gov)

[Mike.Schwartz@DemonstratedSuccess.com](mailto:Mike.Schwartz@DemonstratedSuccess.com); or (603) 548-8898

[Lauren.Mercier@DemonstratedSuccess.com](mailto:Lauren.Mercier@DemonstratedSuccess.com)

Submit a Help Desk Ticket:

<https://nhdoepm.atlassian.net/servicedesk/customer/portals>

