

New Hampshire Data Analysis and Technical Assistance Planning

ED# 2020-R1-I-0006



High-Leverage Problem

Like most schools across the country, New Hampshire pivoted to a remote learning schedule for students in spring 2020 due to the COVID-19 pandemic. During this time, students' learning routines, including content covered, and student participation/attendance varied across the state. In addition, students' access to learning materials, including technology to connect to remote learning, student support services like counseling and mental health providers, and connectedness to educators were impacted by remote learning.

To better understand the implications of the spring 2020 disruptions on student learning, the New Hampshire Department of Education (NHDOE) administered the SAT assessment to all 12th graders in the state in fall 2020 and a truncated version of the New Hampshire Statewide Assessment System (SAS) to fourth through eighth graders and the full administration of both assessments in spring 2021. The Region 1 Comprehensive Center (R1CC) analyzed the data to support NHDOE in understanding who took the assessments, exploring learning loss and identifying schools that performed better than expected during the COVID-19 pandemic.



R1CC Approach

R1CC supported NHDOE in understanding the impact of remote and hybrid learning models on student learning outcomes. The project analyzed the SAS data collected in fall 2020 and spring 2021 and developed a series of reports based on the data, to support NHDOE in understanding which students were assessed and were not, how students performed compared to pre-pandemic years, and to identify schools that performed better than expected in spring 2021.

Key Partner(s): New Hampshire Department of Education

● — ⊙ — ⊙ → Key Milestones

- Met with NHDOE team to develop project plan.
- Completed statewide and county-level analysis of who took the fall 2020 assessments and student proficiency performance in fall 2020 (compared to spring 2019).
- Completed statewide and county-level analysis of who took the spring 2021 assessment and student proficiency performance in spring 2021 (compared to spring 2019).
- Completed school-level analysis of average student achievement in spring 2021 (compared to spring 2019).

? → Outputs

- Statewide and county-level report student performance on the fall 2020 assessment
- Statewide and county-level report of student performance on the spring 2021 assessment
- Statewide and county-level report on average school performance (compared to spring 2019), disaggregated by grade level and subject

Outcomes

“They really worked pretty quickly to turn around this report, considering we just sent them the data. We just received the finalized data and sent it to them. The analysis will be posted publicly on the NHDOE website in December 2021.”