

TO: The Commission on the Future of Public Education in Vermont
 FROM: Interim Secretary of Education, Zoie Saunders, M.Ed.
 SUBJECT: Status Update on Data
 DATE: Requests November 25, 2024

This is a point in time status update on various data requests. Regular updates to this document will be provided to the Commission as new requests are received and processed. This is intended to be a working document to support our ongoing collaboration.

Data Request	Source of Request	Status	Data Source	Notes
Budget Analysis per LT ADM back to 2014: Offsetting revenue per LT ADM, Education spending per LT ADM	Education Finance Subcommittee	The Education Finance Subcommittee indicated that they do not need this data at this time. If it is needed, they will resubmit the request.	June AOE budget file (FinFile, columns I, J, and P), Equalized Pupil Budget file (Ep Cal tab, column S)	"Budgeted expenditures" = "education spending" in statute and refers to budget data collected by the AOE in June of every year. Prior to FY 25 this data is only collected at a very high level and there are known inconsistencies in how districts report this information.
Expenditures per LT ADM back to 2014	Education Finance Subcommittee	Anticipated release November 22, 2024	This information is contained in the updated State Profile Report and in the open source SU/SD-level data file that will accompany the report.	"Expenditures" = "Ed Fund (including categorical spending) per LT ADM" expenditure data submitted by SU/SDs every year to the AOE through Statbook. Prior to 2020 this data was not aligned to the Uniform Chart of Accounts and will lack the same level of specificity. In addition, Statbook uses 1000 General fund as proxy for EdFund, because the Ed Fund is not specifically tracked in Statbook



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Expenditures by object and function code going back to 2014	Education Finance Subcommittee	AOE will provide to Subcommittee by November 25, 2024	Statbook	Making no exclusions at the district level
District budgets	Education Finance Subcommittee (Rep. Kornheiser)	AOE will provide to Subcommittee by November 25, 2024	Statbook	"District budgets" = Ed Fund (including categorical spending) per LT ADM expenditures reported by SU/SDs annually in Statbook. Prior to 2020 this data was not aligned to the Uniform Chart of Accounts and will lack the same level of specificity. In addition, Statbook uses 1000 General fund as proxy for EdFund, because the Ed Fund is not specifically tracked in Statbook
By object and function show the change in school district spending by spending quartile	Education Finance Subcommittee (Rep. Kornheiser)	The Education Finance Subcommittee indicated that they will refine this data request.	Statbook	In its October 28 th presentation, the AOE provided an analysis of statewide expenditures by object/function code. The new dataset by object/function code provided on November 22 will allow for additional analysis.
By object and function show the scale within school districts' budgets by spending quartile	Education Finance Subcommittee (Rep. Kornheiser)	The Education Finance Subcommittee indicated that they will refine this data request.	Statbook	The AOE has provided analysis of how size of SU/SD correlate with spending (State Profile Report). Additionally, the AOE has analyzed total expenditures by ADM by SU/SD size.
Analysis of categorical aid and specific programs back 10 years	Education Finance Subcommittee (Rep. Kornheiser)	The AOE has provided recent trends for this data (Presentation to Ed Finance Subcommittee on October 28, 2024) and understands that the Ed Finance Subcommittee would like a	Statbook	This data is readily available from 2020 onwards. The AOE is researching what is available in the pre-UCOA era back to 2014. Categories requested include: "Special Education, Transportation, Medicaid, Tution, All EF Appropriations"

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		deeper lookback to 2014. Staffing and Spending Analysis		
Analysis of “cost drivers”	Education Finance Subcommittee (Rep. Kornheiser)	See rows below for updates on specific topics	N/A	N/A
Tuition	Education Finance Subcommittee (Rep. Kornheiser)	The AOE is preparing a report on tuitioning to the State Board of Education and will share it with the Subcommittee and Commission on 11/22. The Agency also publishes tuition rates for each year, including SU/SDs and independent schools on its website.	Tuition Rates Agency of Education	The AOE can provide data related to the tuition to public schools within SU, tuition to independent school, tuition to therapeutic school, tuition to out of state LEAs, tuition to post-secondary schools, and tuition to out of state private schools
School Size/Facilities	Education Finance Subcommittee (Rep. Kornheiser)	The Education Finance Subcommittee has clarified this request. The AOE will provide enrollment for each school and grouping based on size by November 25.	October 1 Enrollment Data Collection	N/A

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Health Care costs	Education Finance Subcommittee (Rep. Kornheiser)	The Education Finance Subcommittee has clarified this request. The AOE will provide an analysis of accounting codes related to health insurance as a trend over time and a snapshot of FY 23.	Statbook	N/A
Special Education	Education Finance Subcommittee (Rep. Kornheiser)	The AOE has offered a preliminary analysis of special education spending in the State Profile and in its presentation to the Education Finance Subcommittee on October 28. The Agency anticipates that a deeper dive related to the state of special education delivery and funding will be available in December.	N/A	N/A

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Facilities	Education Finance Subcommittee (Rep. Kornheiser)	The Education Finance Subcommittee has clarified this request. The AOE will provide enrollment for each school and grouping based on size by November 25.	October 1 Enrollment Data Collection	
Statewide demographic projections (historic and predicted)	Education Commission	<p>Through the State Profile Report, the Agency has provided student enrollment and demographic data trends in the following categories:</p> <ul style="list-style-type: none"> • PreK-adult, K-12, independent school, adult learning; and home study • Total enrollment comparison by SU/SD size quartile between 2003 and 2023 • Student demographic subgroup trends (FRL, ELL, Special Education) between 2019-2023 and by SU/SD size quartile 	Various annual data collections, include Oct. 1, DC06, Child Count, etc	Years reported vary depending on available data sets, but overall enrollment trends of preK-adult and K-12 are back to 2004.
Supervisory Districts and Unions	Education Commission	The State Profile report includes analysis of expenditure, enrollment, staffing and performance trends at the state level. The update State Profile report will also include those same analyses at the SU/SD level through an open source	N/A	N/A

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		dataset and individual SU/SD reports.		
Number of students served	Education Commission	Through the State Profile Report, the Agency has provided enrollment data for each SU/SD based on October 1 data collections.	Oct 1 enrollment data collection	N/A
		The updated State Profile report will include updated enrollment data and ADM data; students tuitioned to other public schools; students tuitioned to independent schools (further broken down to historic academies, therapeutic schools and other independent schools); students enrolled in CTEs; students enrolled in Dual Enrollment	Various datasets described in appendix of updated State Profile Report	N/A
Number of towns served	Education Commission	The Agency is researching available data sets to show students served (ADM or enrollment) at the town level.	N/A	N/A

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Cost per equalized pupil	Education Commission	<p>Through the State Profile Report, the Agency provided equalized per pupil expenditure data at the State and SU/SD quartile level for FY 23 using enrollment data for each SU/SD based on October 1 data collections (Figs 18 and 19). The updated State Profile Report will run the same analysis using LT ADM and will provide an appendix with SU/SD level equalized per pupil expenditures. The updated State Profile report will offer the following additional analysis at the state and quartile groupings with SU/SD level data in the appendix:</p> <ul style="list-style-type: none"> • Total expenditures (all funds in stacked bar chart) by LT ADM • State and federal-funded expenditures (funds 2799 and below) by LT ADM • State -funded expenditures (fund 1000-1999) by LT ADM 	Statbook	Each of these additional levels of analysis will come with a "recipe card" of specific Statbook inclusions/exclusions and other relevant data information.
Tuitioning	Education Commission	<p>The Agency is preparing a report to the State Board of Education with this information for FY 23 and will share that report with the Commission on November 25. The updated State Profile report</p>	Various	N/A

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		<p>will include the number of students tuitioned to other public schools; students tuitioned to independent schools (further broken down to historic academies, therapeutic schools and other independent schools). This data has already been presented to the Education Finance Subcommittee on October 28.</p>		
Staffing	Education Commission	<p>The State Profile report offers an analysis of statewide and by size quartile of staffing per pupil in all major job categories (Teachers, Leaders, Support Services, Student Services) that are reported by SU/SDs every year through the Teacher/Staff survey. The State Profile report utilized the enrollment numbers reported by the SU/SD to develop the ratios reported. (Figs. 11 and 12).</p>	Teacher and Staff FTE Report Agency of Education	N/A
		<p>The updated State Profile report will include an appendices with this information at the SU/SD level.</p>		
		<p>The AOE can also offer the Commission the same data using equalized pupil for FY 23.</p>		

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Class size by district	Education Commission	<p>The AOE can offer the following analysis with existing data sets (but this is a new level of analysis and will not be immediately available) as proxy for the data requested:</p> <ul style="list-style-type: none"> • Enrollment for each school (Oct 1) • Grades served in each school • Estimated average enrollment per grade in each school • Estimated average class size assuming that if a grade's total enrollment is less than 17 students, it will constitute one class. 	N/A	<p>There is no clear method for providing this analysis, because there are no state standards for minimum class size, so we cannot extrapolate out from school enrollment to class size. Further rolling up the analysis to SU/SD is not recommended, rather a per school analysis for each SU/SD would provide a more useful level of analysis.</p> <p>This analysis involves several assumptions and would likely not capture multi-grade classes, which are common in some smaller schools. It would be a rough estimate/proxy at best, but a more accurate analysis would require additional data collections from SU/SDs.</p>
Min/Max Salary (teachers and support staff) by district	Education Commission	<p>The AOE State Profile provides this analysis at the State and size quartile by job category, with minimums and maximums. The AOE can provide the SU/SD-level detail to the Commission. The Teacher-Staff Survey published annually offers additional data at the school level.</p>	Teacher and Staff FTE Report Agency of Education	N/A

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Provisional licensure status	Education Commission	<p>The Agency has created a presentation that can be shared with the Commission on statewide trends in provisional and emergency licenses from 2017-2024. The 2024 data is further broken down by endorsement area. In addition, the AOE includes data on Properly Licensed Educators in the Annual Snapshot. The Properly Licensed Educators indicator reports the percentage of educators working in a district in a given year who hold a Level I, Level II, or Retired Vermont license in the endorsement area at the instruction level at which he or she is teaching, and does not include those on provisional or emergency licenses. The AOE intends to create a topical report on staffing, licensure and other indicators of teacher quality, but is prioritizing other reports prior to this one.</p>	<p>https://schoolsnapshot.vermont.gov/snapshot/highqualitystaffing?organizationid=eee2db64-033e-4c01-a21d-adbd5d63f357&tab=properly%20licensed%20teachers</p>	<p>AOE staff are researching the availability of data at the SU/SD or school level.</p>

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Staff retention	Education Commission	The Annual Snapshot includes an indicator on staff retention that aligns to federal reporting standards and is available at various levels (school, SU/SD). The Educator Retention indicator reports the percentage of educators who have been in their current placement for at least the past three years. The teacher rate is reported for schools, SU/SDs, and the state levels. The principal rate is reported at the SU/SD and the state levels. The superintendent rate is reported at the state level, only.	https://schoolsnapshot.vermont.gov/snapshot/highqualitystaffing?organizationid=eee2db64-033e-4c01-a21d-adbd5d63f357&tab=educator%20retention	The AOE, during its regional planning sessions with education leaders discussed the usefulness of this federally-determined metric and there was a consensus that while it was one measure of longevity of staffing, SU/SDs had more timely data that they collect as part of their budget and planning processes. The AOE does not have a dataset or methodology to capture annual turnover.
Breakdown of \$1.89 billion education payment	Education Commission	Addressed in response to Ed Finance Subcommittee above		
Education fund sources	Education Commission	Presented to Ed Finance Subcommittee on September 30	Profile of Education Fund Revenue Sources Presentation Agency of Education	
Education fund & uses	Education Commission	Addressed in response to Ed Finance Subcommittee above	N/A	N/A
Facilities Needs Assessments	Education Commission	Addressed in response to Ed Finance Subcommittee above	N/A	N/A

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Student assessment results (disaggregated)	Education Commission	In the State Profile Report, the Agency offered student assessment data for SBAC (2015-2021), VCAP (2022) and NAEP (2015-2022) at the statewide level, across grade spans and by subgroup. Assessment results by subgroups (ELL, FRL and SPED) were offered for pre and post pandemic (across SBAC and VCAP test tools). Figs. 5-10	Annual Snapshot	There are several datasets to utilize in looking at student assessment results. The Agency recently changed from the SBAC (Smarter Balanced Assessment) to the VCAP (Vermont Comprehensive Assessment) for its statewide assessment tool. This makes analysis of long term trends challenging. Another tool is the NAEP (Assessment of Educational Progress) test, for which we have over a decade of longitudinal data and is our only national comparison. For all statewide assessments, there is an issue of scale and suppression of data when looking at small groups (either by student characteristic, grade level, or even school level).
		In addition, the State Profile report includes an analysis of student performance on the FY23 VCAP, cross-analyzed with expenditures per equalized pupils, SU/SD size and FRL data as a proxy for student need (Fig 20).	Annual Snapshot, Statbook, DC06 ADM, Free and Reduced Lunch data	N/A
		VCAP results are also included in the Annual Snapshot in the indicators for Academic Proficiency- Content Standards). The FY 23 results will be released in February of 2025.	https://schoolsnapshot.vermont.gov/snapshot/academicproficiency?organizationid=eee2db64-033e-4c01-a21d-adbd5d63f357&tab=overview	N/A

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Student conditions	Education Commission	The Agency plans to develop a topical report on conditions for student success, including chronic absenteeism, exclusionary discipline, Youth Risk and Behavior Survey data and other datasets.	N/A	N/A
Absenteeism	Education Commission	The AOE can provide state level trend data from 2019-2023 and for subgroups. The Vermont Education Dashboard also includes data for two decades at the state, SU/SD and school level.	Vermont Education Dashboard: Chronic Absenteeism Dashboard Agency of Education	A student is considered chronically absent if they have missed 10% or more of school days. Data at the SU/SD and school level may have high levels of suppression, due to issues of scale.
Discipline	Education Commission	The Vermont Education Dashboard includes data reported at the SU/SD and school level.	https://education.vermont.gov/content/vermont-education-dashboard-exclusionary-discipline	This data contains significant suppression, a common obstacle for subgroup and school level data analysis in Vermont, due to issues of scale. The latest year available on the dashboard is 2021.
MtSS Status	Education Commission	The Agency publishes annual summary reports of its MTSS survey on the website every year from 2016-2023.	https://education.vermont.gov/student-support/vermont-multi-tiered-system-of-supports/data-collection-and-survey	These summary reports contain trend analysis around key activities/strategies in the MTSS framework, including the use of Education Support Teams, school climate initiatives and opportunities for collaboration and professional development