

Early Childhood Data Gaps Analysis for Education and Family Supports

Topic	Measures of Success	Existing Gaps	Additional data sources?	Why isn't the data available?	What would need to happen to ensure data collection?	Additional Notes	Support ECAP?	Support ESSA?
EDUCATION								
Positive School Climate	Schools employing social-emotional strategies	No data available	Schools using PBIS or MTSS; DPI teacher working condition survey; DPI has discussed doing a parent and student survey; positive school climate may be better measured by a portfolio of measures, including rates of suspensions and expulsions, teacher working conditions, incidence of violence, some count of social emotional strategies; Head Start data could be a source for early childhood climate		Propose a portfolio of measures	This is another measure that may point to the value of research to establish evidence base to legitimize advocacy. Also could be research around the content of a possible parent/student survey.		Yes
Summer Learning	Children who maintain literacy gains over the summer	No data available	In theory, this could compare the scores on standardized tests at the end of one academic year and the beginning of the next. But tests are not necessarily the same or administered at the same time. Data may not be available for all school districts	Data analysis has not been done	A research institute could do some of this analysis, but the necessary data-sharing agreements aren't currently in place. Would require funding and partnership with research institution that could do the analysis.			Yes

Topic	Measures of Success	Existing Gaps	Additional data sources?	Why isn't the data available?	What would need to happen to ensure data collection?	Additional Notes	Support ECAP?	Support ESSA?
Regular School Attendance	Students in NC schools with K, 1st, 2nd, and/or 3rd grades who are chronically absent	Trend; disaggregated by income level and age.	DPI, through the Every Student Succeeds Act	Reporting absences in a standardized way has not been required by DPI, but there has been movement here recently. The State Board of Education has adopted "chronic absence" as a term with a standard definition. Chronic absence data must now be collected by the state to meet federal Every Student Succeeds Act (ESSA) requirements. Not sure about how disaggregated that data will be or when data collection starts.	Data collection would require a standardized reporting process for the LEAs from DPI, implementation support and quality control.	Previous data collection has been done by the districts and reported to the federal Department of Education, Office of Civil Rights. That data collection is not continuing.		Yes
	Percent of students in NC Pre-K who are chronically absent	Trend, nat'l comparison; disagg by race/ethnicity		Not currently disaggregated by DCDEE, but probably could be.	Data request to DCDEE			Yes
Suspension and Expulsion	Children suspended from programs and schools	Disaggregated by county or school district, income, and age			Data request to DPI for elementary school data. Analysis of DPI data; tracking Pre-K expulsions would require a change in program reporting requirements. Use of DPI data would require superintendent buy-in and subsequent data agreement.	The group also discussed the distinctions of the ramifications for suspensions/expulsions i.e. whether the student is moved to a new school or is no longer receiving services		Yes
	Children expelled from programs and schools	Disaggregated by county or school district, income, and age	NC Consolidated Data Report; DPI has data for elementary school that is not publicly available.	Elementary data from DPI is not publicly available. There is no mechanism to track suspensions/expulsions in private centers and state programs are not reporting suspensions/expulsions				Yes

Topic	Measures of Success	Existing Gaps	Additional data sources?	Why isn't the data available?	What would need to happen to ensure data collection?	Additional Notes	Support ECAP?	Support ESSA?
Supported Transitions	Children attending schools that systematically involve child care programs and families before school transition	No available data	DCDEE pilot in 18 counties to develop a formalized process for transitions to state pre-K, with the ultimate goal of the process being used for all pre-K programs and subsidized 4 year-old child care		There could be a recommendation about supporting expansion of the program to more counties or a pilot to identify the need for supported transitions. Survey of elementary schools and/or child care providers.	Desire for more specificity for the indicator--is the goal for the data to reflect the number of schools that have this process or the number of children served?		Yes
Affordable High Quality Child Care	Estimated eligible children under age 6 receiving child care subsidies	Disaggregated by race/ethnicity and income		Income is not relevant for this measure since subsidy eligibility has income requirement. Race/ethnicity could be estimated with statistical analysis.	Statistical analysis estimate?		Yes	
	Families paying 10% or less of income on childcare	Trend, national comparison, disaggregated by race/ethnicity, income level. Age			Add question to another survey?		Yes	
High Quality Pre-K	Estimated eligible four-year-olds attending NC PreK	Disaggregated by race/ethnicity, county, income			Statistical analysis estimate?		Yes	Yes

Topic	Measures of Success	Existing Gaps	Additional data sources?	Why isn't the data available?	What would data collection entail? What would need to happen to ensure data collection?	Additional Notes	Support ECAP?	Support ESSA?
FAMILY SUPPORTS								
Reading with Children	Average number of minutes per week that parents read to their children	Disaggregated by county/ school district and age		Disaggregation for this question on the National Survey of Children's Health would require a larger sample size	NC would need to pay to oversample the National Survey of Children's Health to get a large enough population to disaggregate. Would require political will and funding to oversample.	NOTE: The current data source (National Survey of Children's Health) only includes data on reading to children ages 0-5		Yes
Books in Home	Students with 25 or more books in the home	Disaggregated by county, income, age		Probably sample size issue?	Oversample NAEP or ask in separate survey	Probably not a priority		Yes
Parent Education Supports	Availability of in-home visiting, parent education, and family preservation programs	State average, trend, national comparison, disaggregated by race/ ethnicity, income level, age	Directly from programs	No broad database - available mostly from programs individuall	Through programs directly - might work to tie funding to this reporting. Also potentially through Medicaid resource platform. New work in state around home visiting, adding data into ECIDS.	How are we defining availability? We would want this in raw numbers, but also per capita (or per child or per family). We need a baseline. Would need to ensure that data is not duplicative.	Yes	
	Parents participating in above programs	No available data	Directly from programs	No broad database - available mostly from programs individuall	Directly through programs		Yes	