

*System Transformation for Equitable  
Preschools (STEP Forward with Data)  
Framework Implementation Guide*

# Activity 5: Determining data analysis practices

This resource is part of a larger Implementation Guide for the STEP Forward with Data Framework. For more information, find the complete [Implementation Guide](#) or visit the [STEP Forward with Data Framework website](#).

Child Trends.

The Early Childhood  
**DATA**  
Collaborative

## Activity 5: Determining data analysis practices

An important aspect of the Framework is that data are collected in a standardized way and can be disaggregated to the extent possible; this allows information to be exchanged across the preschool system and examined to identify where inequities exist. Across the metrics, data will also need to be disaggregated appropriately for the question being answered and for the focal populations of interest. Although you will need to determine how you and your partners ultimately analyze data, recommended disaggregates include age of child, race/ethnicity, languages spoken, gender, family/household income, geographic setting or location, program type, type of care setting, or quality designations.

### Exploring data disaggregation capabilities

An important aspect of the Framework is that data are collected in a standardized way and can be disaggregated to the extent possible to examine the experiences of different subgroups of children to identify if and where inequities may exist to guide decision making. Additionally, disaggregated data allows you to look at intersectional identities and experiences to ensure all children have an opportunity to grow and learn. Below we offer recommendations for ways in which to collect and/or disaggregate the data to fully answer the essential questions and associated metrics about focal populations.

Exploring disaggregation capabilities		
Recommended metrics for disaggregation		Is data in my state available?
<b>Age of child</b>	Breakdown by year (i.e., 3-year-olds, 4-year-olds),	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Breakdown by preschool age (i.e., ages 3 up to age 5)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Breakdown by early childhood age span (i.e., 0-5-year-olds; 0-8-year-olds)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Race *</b>	American Indian or Alaskan Native	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Asian	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Black or African American	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Native Hawaiian or Other Pacific Islander	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	White	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Two or More Races	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Race Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Ethnicity</b>	Hispanic or Latino ethnicity	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Gender/Sex of Child</b>	Male	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Female	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Nonbinary, if applicable	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Transgender, if applicable	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Other	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure

Exploring disaggregation capabilities		
Recommended metrics for disaggregation		Is data in my state available?
<b>Family or household income*</b>	Family or household income (in dollars)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Family income level (i.e., FPL, SMI)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Families that are fully funded (no co-pay or tuition)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Families who are private paying	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Families who have a co-pay	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Disabilities</b>	Disability type	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Language</b>	Language other than English spoken at home	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Language spoken at home	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	English language learner	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Dual language learner	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Nativity</b>	Foreign born	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Country of birth	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Geographic setting or location</b>	County	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Region within the state	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Local education agency (LEA)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Tribal land or reservation	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Poverty or income characteristics of geographic areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Program type</b>	State-funded pre-K only	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Head Start only	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Public child care/ child care subsidies only	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Privately funded child care (including faith-based)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Blended funding	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Other	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Type of care setting</b>	Center-based	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Public school-based	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Head Start	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Special education preschool	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Military preschool	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
	Home-based	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure
<b>Rated quality</b>	Star rating level if participating in a state Quality Rating and Improvement System (QRIS)*	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Unsure

## Application: Disaggregation of data

The three steps I/my team need to do to answer the questions above where we responded no or unsure are...

- 1.
- 2.
- 3.

The three people/agencies I need to reach out to for answers to these questions are...

- 1.
- 2.
- 3.

What are three concrete actions I/my team can take in the next year to address data disaggregation capabilities?

- 1.
- 2.
- 3.