



TYPES OF DATA COLLECTION

There are a variety of methods to capture students' progress towards their goals. The following guide outlines four main methods of data collection: frequency counts, duration, latency, and Percentage of Correct Trials against the Total Number of Trials. For each type of data collection, examples from each skill area (community living, financial literacy skills, social skills, and transportation skills) are included.

Frequency Counts

What do they measure?

Frequency counts measure the number of times a behavior occurs.

How do I collect frequency counts?

Keep a running tally of the number of times that the behavior occurs.

Examples of skills that can be measured with frequency counts:

Residential/Daily Living Skills

The number of:

- Dishes washed
- Rooms vacuumed
- Clothes, towels, sheets etc. folded
- Tables cleaned
- Food preparation areas cleaned
- Bandages applied to a surface
- Pills cut independently

Financial Literacy Skills

The number of:

- Transactions made independently on a mobile banking simulator
- Checks deposited independently
- Sale items identified
- Regularly priced items identified

Social Skills

The number of:

- Greetings made
- Comments made



Transition

T E N N E S S E E

- Questions asked

Transportation Skills

The number of:

- Google Maps routes set up independently
- Bus stops located independently
- Directions followed
- Paratransit rides scheduled independently

Duration

What does it measure?

Duration data measures the length of time that a behavior occurs

How do I collect duration data?

To collect duration data, start a timer at the beginning of the behavior and stop the timer once the student stops engaging in the behavior.

Examples of skills that can be measured with duration data:

Residential/Daily Living Skills

The amount of time that a student:

- Brushes their teeth
- Takes to get dressed for work
- Washes their hands

Financial Literacy Skills

The amount of time that a student:

- Takes to withdraw money from an ATM
- Takes to find the amount of money left in their budget on a budgeting app
- Takes to make change

Social Skills

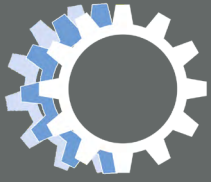
The amount of time that a student:

- Engages in a conversation with a peer
- Stays on topic
- Faces towards the direction of their communication partner

Transportation Skills

The amount of time that a student:

- Takes to find the next bus that will be arriving at the bus stop on a bus schedule or app
- Takes to use their bus pass
- Takes to set up a Google Maps route



Latency

What does it measure?

Latency measures the time it takes for a behavior to begin after a prompt, task direction, or environmental cue.

How do I collect latency data?

Immediately after the prompt is provided, start a stopwatch. Once the student begins the behavior, stop the stopwatch.

Examples of skills that can be measured with latency data:

Residential/Daily Living Skills

The amount of time that it takes a student to _____ after a prompt:

- Initiate a hygiene routine
- Begin cleaning
- Begin getting ready for work
- Take their receipt

Financial Literacy Skills

The amount of time that it takes a student to _____ after a prompt:

- Get their wallet out
- Insert their credit or debit card
- Check their budgeting app

Social Skills

The amount of time that it takes a student to _____ after a prompt:

- Greet a person
- Ask a question
- Make a comment

Transportation Skills

The amount of time that it takes a student to _____ after a prompt:

- Insert a bus ticket
- Find a seat
- Ask a question of an authority figure

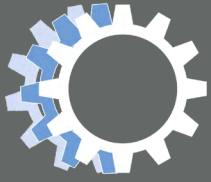
Percentage of Correct Trials Against the Total Number of Trials

What does it measure?

The amount of correct responses out of the total number of opportunities (trials) for a response.

How do I collect percentage data?

Keep a running tally of the number of times that the student makes a correct response and divide it over the total number of trials.



Transition

T E N N E S S E E

Examples of skills that can be measured with percentage data:

Residential/Daily Living Skills

Number of _____ out of total number of trials

- Items a student gathers from a grocery list
- Steps completed correctly in a recipe
- Steps completed correctly in operating a microwave
- Foods stored in the correct location (e.g. refrigerator or pantry)
- Components identified correctly on a food label
- Common illnesses identified correctly
- Medications identified correctly
- Laundry items sorted correctly
- Steps completed correctly in operating a washing machine or dryer

Financial Literacy Skills

Number of _____ out of total number of trials

- Bills a student identifies correctly
- Coins a student identifies correctly
- Times a domain is filled out correctly in an online payment form
- Steps completed correctly when making a purchase with a credit or debit card
- Times a student calculates the price of bulk items correctly

Social Skills

Number of _____ out of total number of trials

- Greetings a student makes
- Times a student says “excuse me” if someone is blocking their way
- Times a student says “thank you” after someone does something for them

Transportation Skills

Number of _____ out of total number of trials

- Landmarks identified correctly
- Street signs identified correctly
- Traffic signs identified correctly
- Ride shares queued up correctly (without actually taking the ride)
- Directions followed correctly