

Resources for the Analysis of ECO Data

Local Contributing Factor Tool for SPP/APR Indicator C3/B7

Assists local early intervention programs in collecting data to determine contributing factors impacting performance and provides ideas for types of questions a team would consider in identifying factors impacting performance.

<http://ectacenter.org/~docs/eco/ECO-C3-B7-LCFT.docx>

Checking Outcome Data for Quality: Looking for Patterns

This table shows predicted patterns, rationale for those predicted patterns, and the types of analyses local programs can run to check patterns in your local data. Running these analyses is an important way to determine if you have any 'red flags' in your data that need to be investigated.

http://ectacenter.org/eco/assets/pdfs/Pattern_Checking_Table.pdf

SSIP Child Outcome Broad Data Analysis Template

The template can assist local programs in looking at how children in their program are performing relative to national data, across years, within the state and by comparisons across programs within the state.

http://ectacenter.org/eco/assets/docs/SSIP_child_outcomes_broad_data_analysis_template_FINAL.docx

Meaningful Difference Calculator

The purpose of this resource is to assist local programs in looking at statistical significance of change in state summary statement data from year to year and allows for comparison of local performance on each summary statement to the state's performance to see if the difference is statistically significant.

<http://ectacenter.org/eco/pages/summary.asp#meaningfuldiffcalc>

Analyzing Child Outcome Data for program Improvement: A Guidance Table

This is a tool to help identify key issues, questions, and approaches for analyzing and interpreting data on outcomes. The tool basically outlines a series of steps related to defining analysis questions, clarifying expectations, analyzing data, testing inferences, and conducting data-based program improvement planning.

<http://www.ectacenter.org/~pdfs/eco/AnalyzingChildOutcomesData-GuidanceTable.pdf>

Pennsylvania Risk and Reach Report

This data can be used for several purposes: 1) track progress in reaching all children who can benefit most from early education; 2) help communities better understand their early childhood programming needs, particularly in counties where there are high risks; and 3) inform future decisions regarding early childhood education policies and practices.

http://www.pakeys.org/pages/get.aspx?page=EarlyLearning_Reach