



MISSOURI PART C STATE SYSTEMIC IMPROVEMENT PLAN (SSIP)

EVALUATION PLAN

**SICC Meeting
April 8, 2016**

**Missouri Department of Elementary
and Secondary Education**

Recap: SSIP Timeline

The SSIP is a six year plan (i.e., 2014 to 2019).

- ❑ The first three years of the SSIP include **analyzing, planning and evaluating** program implementation (i.e., 2014 to 2016).
- ❑ The last three years include **collecting and analyzing data, implementing activities and scaling up improvement** to statewide implementation (i.e., 2016 to 2019).

Recap: Key Structures

- DESE identified the **Early Intervention Teams (EITs)** and the **Early Childhood Outcomes (ECO) pilot** as the two key mechanisms to improve child outcomes.
 - **EITs** were implemented statewide from 2010 – 2013. There are currently 121 teams in the state.
 - The **ECO pilot** was implemented in regions 9 and 10 on October 1, 2013 and in region 5 on October 1, 2014. There are currently 48 service coordinators and 41 teams in the pilot.

The Evaluation Plan

- The **guiding questions** for the evaluation plan are:
 - *Are child outcome data in the pilot regions more consistent?*
 - *What measurements will be used to evaluate progress in child outcomes, and how often?*

Three Data Sources

- DESE identified **three data sources** to evaluate child outcomes:
 - Raw data
 - Parent and provider surveys
 - Observations of service coordinators and providers

Raw Data

- **Method:** DESE will use a report that queries entry, mid-point and exit data from pilot regions.
- **Timeline:** Every 6 months (August & February)
- **Fidelity Measure:** An entry score average between 2.0 and 3.0 in each pilot region.

This measure was selected based on Missouri's definition of 2.0 equates to emerging but not age-appropriate skills, and 3.0 equates to a mixture of age-appropriate and not age-appropriate skills; and Missouri's narrow eligibility criteria for half-age delay in development.

Preliminary Results – Raw Data

Pre-Pilot Implementation: Entry Scores from 7/1/2011 – 6/30/2012	Social-Emotional Outcomes
Region 5 (<i>N</i> = 546)	3.4
Region 9 (<i>N</i> = 345)	3.7
Region 10 (<i>N</i> = 218)	3.2
Average for all 3 regions	3.4
<i>Range is 3.2 to 3.7 (or .50 range)</i>	
Post-Pilot Implementation: Entry Scores from 6/1/15 – 12/31/15 (Fidelity Check #1)	Social-Emotional Outcomes
Region 5 (<i>N</i> = 381)	2.6
Region 9 (<i>N</i> = 290)	2.6
Region 10 (<i>N</i> = 172)	2.2
Average for all 3 regions	2.5
<i>Range is 2.2 to 2.6 (or .40 range)</i>	

Surveys

- **Method:** DESE will use a regional tally of parent and provider survey responses from items related to pilot implementation and child outcomes.
- **Timeline:** Annually (August)
- **Fidelity Measure:** With representation from at least 50% of the ELTs in each pilot region, providers respond they are implementing expected practices at least 75% of the time; and parents respond they agree with survey items at least 75% of the time.

These percentages to measure fidelity were selected based on implementation science studies from the National Implementation Research Network (NIRN) and the National Institutes of Health (NIH).

Preliminary Results – Provider Survey

Region	Response Rate	ECO ratings are discussed and collected every 6 months	ECO ratings are discussed in person at IFSP meetings	IFSP team uses questions from the Decision Tree to determine appropriate ratings
5 (<i>N</i> = 144)	74%	96%	97%	89%
9 (<i>N</i> = 85)	85%	93%	93%	88%
10 (<i>N</i> = 149)	79%	97%	99%	97%
Average	79.3%	95.3%	96.3%	91.3%

Observations

- **Method:** DESE will use a tally of regional reports of practices related to pilot implementation and child outcomes.
- **Timeline:** Annually (August)
- **Fidelity Measure:** With representation from at least 50% of the ELTs in each pilot region, providers will have satisfactory or higher ratings on their practice profiles at least 75% of the time.

These percentages to measure fidelity were selected based on implementation science studies from the National Implementation Research Network (NIRN) and the National Institutes of Health (NIH).

Fidelity Checks

DESE will conduct **fidelity checks** twice a year (i.e., August & February) using the three sources of data to determine the status of pilot implementation and progress toward improving child outcomes.

Raw Data	Survey	Observations
Entry scores	Provider responses	Intake visits
Midpoint scores	Parent responses (exit)	IFSP meetings
Exit scores	Parent responses (active)	Home visits

SSIP Goals

Short-term (1 year)

- DESE will develop foundational materials (i.e., practice profile and sustainability plan), and conduct observations.
- DESE will complete data fidelity checks in pilot regions.
- DESE will determine whether the current pilot is implementing procedures with fidelity, and scale up the pilot to two more SPOE regions.

Long-term (2-3 years)

- All 10 SPOE regions will participate in the pilot.
- All early intervention professionals observed will have "satisfactory" or higher ratings on their practice profiles.