

**Nevada State Systemic Improvement Plan (SSIP) Phase III – Year II 2017-2018  
Improvement Plan Theory of Action Strand: Data System and Accountability**

**A. Improvement Strategy**

1. State enhances and implements a data reporting system that has the ability and capacity to allow for effective program planning, monitoring and overall improvement

**B. Key State Improvement Plans or Initiatives That Align With This Improvement Strategy**

- Development and implementation of SLDS – State Longitudinal Data System

**C. Improving Infrastructure and/or Practice**

2. Is this improvement strategy intended to improve one or more infrastructure components? If so, check all that apply.

<b>Governance</b>	<input checked="" type="checkbox"/>	<b>Accountability</b>	<input checked="" type="checkbox"/>	<b>Professional development</b>	<input checked="" type="checkbox"/>
<b>Data</b>	<input checked="" type="checkbox"/>	<b>Quality standards</b>	<input checked="" type="checkbox"/>	<b>Technical assistance</b>	<input checked="" type="checkbox"/>
<b>Finance</b>	<input checked="" type="checkbox"/>				

3. Is this strategy intended to directly improve practices? Yes  No

D. Intended Outcomes

Type of Outcome	Outcome Description
<b>Short term</b>	Local providers will have a better understanding of how to complete child outcomes ratings and how to use child outcomes data for program improvement.
<b>Short term</b>	The IDEA Part C Office will have access to system data and be better able to monitor and support the full implementation of evidence-based practices.
<b>Short term</b>	Sensitive, supportive relationship-based conversations with families will occur and will provide meaningful information regarding their child’s social-emotional development and their needs relative to their ability to effectively support their child’s social-emotional development.
<b>Intermediate</b>	Local providers will be able to produce ongoing qualitative and quantitative reports to improve program performance and identify areas for targeted coaching and TA.
<b>Intermediate</b>	IFSPs will include functional outcomes and strategies that are based on the culture and routines of the family and address the social-emotional needs/skills of the child.
<b>Intermediate</b>	Families will be better able to support and enhance their child’s social-emotional skills and overall development.
<b>Long term</b>	Infants and toddlers exiting early intervention services will demonstrate a significant increased rate of growth in positive social-emotional skills (including social relationships).

Data System and Accountability Improvement Plan

Activities to Meet Outcomes	High Priority	System Level		Steps to Implement Activities	Resources Needed	Who Is Responsible	Timeline (projected initiation & completion dates)	How Other LA/SEA Offices and Other Agencies Will Be Involved	Status and Evidence	Implementation Notes: Barriers, Actions to Address Barriers, Description of Adjustments, Implications of Adjustments
		State	Local							
1. Enhance the IDEA Part C Office-Develop a Comprehensive Statewide Early Intervention (EI) Data System to support additional analysis and reporting of child outcomes data at all levels.	X	X		1.a. Organize a data systems development panel to review data requirements, system specifications and develop data improvement plan.	Technical Assistance (TA) Support; Data System Experts;	IDEA Part C Office; Contractor and Part C Data Manager <b>Part C Data Project Manager</b>	April 2016 – <del>July 2017</del> <b>July 1, 2018</b>	Collaboration with ADSD and other Department of Health and Human Services (DHHS) Director’s Office Programs on system development and implementation	<b>Status: In Process</b>  <b>Evidence:</b> Funding identified and Project Manager engaged  A vendor has been selected for implementing the new data system based on the RFP process	<b>Adjustment:</b> Activity and steps modified to reflect the decision to obtain a new EI data system rather than enhancement of the existing system  Timeline extended due to RFP requirements of State purchasing.  Implications of Adjustment: The IDEA Part C office, ADSD Administration and all EIS providers will have access to the same data system eliminating double entry and streamlining reporting mechanisms.
	X	X		1.b. Continue business analysis <b>and requirements gathering for improved data system</b> <del>of current data system</del> needs and fiscal requirements <del>to address needs.</del>	Funding; Technical Support	IDEA Part C Office; ADSD Administration	April 2016 – <del>July 2017</del> <b>July 1, 2018</b>	Collaboration with ADSD and other DHHS Director’s Office Programs on System <b>Design Development</b> and Implementation	<b>Early Intervention and the Part C Office are working together on a plan for one data system that will be implemented by 2019.</b>	
	X	X	X	1.c. Implement <b>identified required</b> changes to ensure the statewide data system provides timely and accurate	Funding; Collaboration with Aging and Disability	IDEA Part C Office; ADSD Administration	April 2016 – <b>January 2019</b>	Collaboration with ADSD and other DHHS Director’s Office	<b>Status:</b> To begin May 2018.	<b>Barrier:</b> State Purchasing RFP Requirements impacted the timelines for implementing this activity.

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

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				data for ongoing assessment of EIS provider’s performance in improving social-emotional outcomes for infants and toddlers.	Services Division (ADSD)			Programs on System Design Development and Implementation	<p>The contract for the new data system is in process of approval by the State Board of Examiners</p> <p>The contract requirements specify the data system must have the ability to collect CO data for every child at entry and exit and support reporting at the State and EI program level to evaluate program performance</p>	<p>Description of Adjustments:</p> <p>Timelines extended due to State Purchasing RFP Requirements or timeline.</p> <p>Implications of Adjustments: The delay in implementing the new data system has also delayed the ability of local EIS providers to have ready access to ongoing CO performance reports to support program improvements.</p>

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

Activities to Meet Outcomes	High Priority	System Level		Steps to Implement Activities	Resources Needed	Who Is Responsible	Timeline (projected initiation & completion dates)	How Other LA/SEA Offices and Other Agencies Will Be Involved	Status and Evidence	Implementation Notes: Barriers, Actions to Address Barriers, Description of Adjustments, Implications of Adjustments
		State	Local							
2. Provide/facilitate training on Child Outcome (CO) Rating process to ensure inter-rater reliability across the statewide system.	X	X	X	2.a. Utilize training resources developed by the Early Childhood Outcomes Center to establish ongoing training for EI providers on child outcome ratings.	IDEA Part C Office; NEIS Professional Development team	IDEA Part C Office; ASD Administration	April 2016 – Ongoing	EIS Programs (State and Community Partners) will participate in training and follow-up; Coordinate trainings with other early childhood initiatives, as appropriate.	Status: In Process  Evidence: Addressed in New Employee Orientation, EIS Program COS training reports; EIS Programs report on COS procedures as part of monitoring	Activity implemented as intended.  Adjustment: Timeline for implementation extended to update data collection and reporting requirements statewide.
	X	X	X	2.b. Design a process for ongoing mentoring and coaching EI providers to ensure ratings are consistent across programs.	NEIS Professional Development team	IDEA Part C Office; ASD Administration	June 2016 – ongoing	EIS Programs (State and Community Partners) will implement training modules by all program personnel on an ongoing basis.	Data: Individual program data available for some programs; statewide performance data not available statewide at this time	Implications of Adjustment: Comprehensive data on training across programs is not available at this time; TA support will be requested on survey procedures to gather complete data on provider training
3. Develop and implement ongoing process for providing Data System	X	X	X	3.a. Provide training for EI providers on correct procedures for data	TA Support; Funding;	Part C	April 2016 – July 2018	EIS Programs (State and Community	Status: Ongoing	Activity implemented as intended with no barriers

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

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		State	Local							
training for EI providers in the analysis and use of child outcomes data reports				entry and generation and use of reports.	Personnel; <b>New Data system Part C and ADSD Data Managers</b>	Coordinator; <b>ADSD Administration; Part C/ADSD Data Managers;</b>		Partners) will implement training for all program personnel on an ongoing basis.	Evidence: sign in rosters for training on current system  Completed 4/19/16; and <b>12/13/17</b> in the South (Las Vegas and surrounding areas)  Completed 12/19/16 in the Northwest (Reno and surrounding areas)  Completed 3/9/17 in Carson City (west rural)	encountered. No changes or adjustments were made to this activity or timeline.
	X	X		3.b. Provide more frequent CO data reports to EIS providers from the current data system and spreadsheet for program improvement until data system improvements are completed.	Personnel Time	IDEA Part C Office	April 2016 - Ongoing	Report development panel to include local data managers from ADSD.	Status: Completed  Evidence: <b>Monthly tracking and COS spreadsheet reports</b>  <b>Monthly checks are completed by Part C staff to verify that monthly COS entries and exits are completed in addition to all components.</b>	Activity implemented as intended with no barriers encountered. No changes or adjustments were made to this activity or timeline.

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

Activities to Meet Outcomes	High Priority	System Level		Steps to Implement Activities	Resources Needed	Who Is Responsible	Timeline (projected initiation & completion dates)	How Other LA/SEA Offices and Other Agencies Will Be Involved	Status and Evidence	Implementation Notes: Barriers, Actions to Address Barriers, Description of Adjustments, Implications of Adjustments
		State	Local							
4. Update IDEA Part C Office Accountability and Monitoring <del>processes to included procedures for evaluating</del> to identify EIS program internal practices for verifying fidelity in implementation of EBP and improved social-emotional outcomes for infants and toddlers with disabilities	X	X		4. a. <del>Cross-walk</del> Coordinate IDEA Part C Office monitoring with ASD Quality Assurance procedures in <del>Program Certification Process</del> to avoid duplication.	IDEA Part C Office; ASD EI Administration and Quality Assurance Team	IDEA Part C Office; ASD Administration	July 2016 – January 2019	ASD Quality Assurance Program Certification Team and EIS Program (State and Community Partners) representatives participate in <del>cross-walk</del> coordinate compliance and quality assurance processes to support verification of implementation of evidence-based practices	<b>Status: In Process</b>  <b>Evidence:</b> Ongoing collaboration with IDEA Part C Office Monitoring and ASD Quality Assurance  Part C/QA Teams met on February 14, 2018 to review procedural documents  ASD QA Team released QA procedures for evaluating quality practices in programs in March 2018	<b>Adjustments:</b> This activity has been adjusted for clarification that monitoring will focus on EIS program procedures for verifying the use of evidence-based practices as opposed to verification of provider implementation being a direct monitoring activity. Procedures for verifying provider fidelity in implementing EBP is part of the TACSEI training and coaching activities.  <b>Implications of Adjustment:</b> Personnel resources for monitoring and quality assurance are utilized more efficiently

Theory of Action Strand: Data System and Accountability									
Evaluation of Intended Outcomes									
If the State enhances and implements a data reporting system that has the ability and capacity to allow for effective program planning, monitoring and overall improvement, then ....		Evaluation Questions	How will we know	Measurement/Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator
Short Term Outcome	Local providers will have a better understanding of how to complete child outcomes ratings and how to use child outcomes data for program improvement.	Are data reports used to improve program performance?	An increased percent of EIS programs report improved program performance as a result of using data reports.	Program Monitoring for Verification of Outcomes Ratings; Program survey	6/30/2016	Ongoing	Baseline - June 2016; Annually	<p>Status: Ongoing</p> <p>Data:                      “As a result of participating in training, the Early Intervention program I work for analyzes data related to children’s social-emotional progress to support improvements to our program.”                      Total Responses: 69                      Agree: 28 (41%)                      Partially Agree: 23 (16%); Total Agreeing: 51 of 69 (74%)</p>	The performance of 74% is an improvement over the 64% reported for 2017. The performance indicator was met.
Short Term Outcome	The IDEA Part C Office will have access to system data and be better able to monitor and support the full implementation of evidence-based practices.	Do program monitoring reports measure EBP implementation?	State procedures are revised to monitor the implementation of EBP.	Program Monitoring - EBP Implementation Checklists	1/1/2017	Ongoing	Baseline - <b>July 2018</b> Annually	Status: In process; Data not available at this time	Comprehensive Program Monitoring is finished by June 30 <sup>th</sup> , data available after that. Integrated with implementation of TACSEI-EI (Pyramid Model).

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

If the State enhances and implements a data reporting system that has the ability and capacity to allow for effective program planning, monitoring and overall improvement, then ....		Evaluation Questions	How will we know	Measurement/Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator
Intermediate Outcome	Local providers will be able to produce ongoing qualitative and quantitative reports to improve program performance and identify areas for targeted coaching and TA.	What % of providers use EBP with fidelity or as intended?	An increase in the # of providers reporting improved program performance as a result of using data reports.	Program Monitoring	6/30/2016	Ongoing	Baseline - <del>January 2017;</del> January 2019 Annually	Status: In process  Evidence: Contract for new data system is in approval process;  Data: Data to support this measurement is not available from the current data system at this time.	Adjustment: The timeline for this measure is being extended to coincide with implantation timelines for the new data system  Implication of Adjustment: Local EIS program are limited in their ability to access comprehensive CO reports to support targeted program improvements
Intermediate Outcome	Sensitive, supportive relationship-based conversations with families will occur and will provide meaningful information regarding their child’s social-emotional development and their needs relative to their	What % of families are reporting meaningful conversations regarding SE concerns?	An increased percent of families report meaningful conversations.	Family Survey	7/2017	Ongoing	Baseline - July 2018  Annually	Status: In process  Evidence: Final revision of Family Survey completed with stakeholders March 5, 2018. Question added to survey as follows: <i>“I have meaningful conversations with our service providers about my child’s social-emotional development (positive interactions with others, learning to control emotions and behaviors, understanding and following rules and being able to effectively communicate needs).”</i>	The date to initiate the new family survey was delayed as the state had to send out the previous Family Outcomes Survey prior to June 2017 in order to obtain family data for FFY 2016 reporting in the APR. As a result, the revisions to the family survey was delay until 2017-2018. Establishing a process to incorporate extensive and meaningful stakeholder engagement postponed the completion

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

If the State enhances and implements a data reporting system that has the ability and capacity to allow for effective program planning, monitoring and overall improvement, then ....	Evaluation Questions	How will we know	Measurement/Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator
	ability to effectively support their child’s social-emotional development.							of the survey until March 2018. The revised Family Outcomes Survey Instrument will be implemented April through June 2018. As a result, the timeline for obtaining baseline data for this performance indicator was adjusted.
Intermediate Outcome	IFSPs will include functional outcomes and strategies that are based on the culture and routines of the family and address the social-emotional needs/skills of the child.	Does the number of SE IFSP outcomes increase after providers have received training on identifying and addressing SE needs of children?	After providers receive training, IFSP outcomes addressing children’s SE needs increase.	Program Monitoring/sample IFSPs of children with social-emotional concerns	7/1/2016	Ongoing	<p><b>Status: Achieved</b></p> <p>Evidence: Comprehensive Monitoring Data</p> <p><u>Baseline Data 2016:</u> 89 of 193 (46%) of the records reviewed had SE Outcomes/strategies;</p> <p><u>Progress Data 2017</u> – 159 of 223 (71%) of the records reviewed had S-E Outcomes/strategies</p>	Comparison of baseline data in 2016 with progress data in 2017 demonstrates a significant increase in the number and percent of records demonstrating S-E outcomes/strategies (e.g. 46% in 2016 compared to 71% in 2017).
Intermediate Outcome	Families will be better able to support and enhance their child’s social-emotional skills	What is the percent of families reporting being able to better support their	An increase in the number of families better able to support their child’s social-	Family Survey	7/2017	Ongoing	<p>Baseline <b>7/2018;</b> Annually</p> <p>Status: In Process</p> <p>Family Survey will be disseminated April through June, 2018</p>	<p>Question <del>was</del> will be added to the family survey in 2017-2018 <del>2017</del>.</p> <p><i>“Early intervention services help me feel comfortable in supporting my child in</i></p>

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

If the State enhances and implements a data reporting system that has the ability and capacity to allow for effective program planning, monitoring and overall improvement, then ....		Evaluation Questions	How will we know	Measurement/Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator																				
	and overall development.	child's SE development?	emotional development.						<i>supporting my child in developing positive relationships with other children and adults.” developing positive relationships with other children and adults.”</i>																				
Long-Term Outcome (SIMR)  <b>This outcome and measurement crosses all four strands.</b>	Infants and toddlers exiting early intervention services will demonstrate a significantly increased rate of growth in positive social-emotional skills (including social relationships).	What percent of infants and toddlers with IFSPs exiting EI having received at least six months of services demonstrate improved positive S-E skills (including social relationships)?	The percent of infants and toddlers with IFSPs exiting EI having received at least six months of services demonstrating improved positive S-E skills (including social relationships) will increase?	Child Outcomes Data	12/2016	7/1/2020	Annually through 7/2020	Status: Completed and Ongoing  Data:  Indicator 3C Summary Statement 1 <table border="1"> <thead> <tr> <th>FFY</th> <th>Target</th> <th>Progress Data</th> <th>Met Target</th> </tr> </thead> <tbody> <tr> <td>2013</td> <td>65.25%</td> <td>Baseline</td> <td>X</td> </tr> <tr> <td>2014</td> <td>65.78%</td> <td>63.32%</td> <td></td> </tr> <tr> <td>2015</td> <td>66.31%</td> <td>70.42%</td> <td>X</td> </tr> <tr> <td><b>2016</b></td> <td><b>66.84%</b></td> <td><b>70.91%</b></td> <td><b>X</b></td> </tr> </tbody> </table>	FFY	Target	Progress Data	Met Target	2013	65.25%	Baseline	X	2014	65.78%	63.32%		2015	66.31%	70.42%	X	<b>2016</b>	<b>66.84%</b>	<b>70.91%</b>	<b>X</b>	The State has continued to demonstrate progress in the SIMR and exceeded the State's target.  Comparison of progress data from 2015 to 2016 demonstrates that the percent of infants and toddlers with improved social emotional skills did increase by .49%. We met our performance indicator.
FFY	Target	Progress Data	Met Target																										
2013	65.25%	Baseline	X																										
2014	65.78%	63.32%																											
2015	66.31%	70.42%	X																										
<b>2016</b>	<b>66.84%</b>	<b>70.91%</b>	<b>X</b>																										

Evaluation of Implementation of Improvement Strategies - Data System and Accountability									
Activity 1: Enhance the IDEA Part C Office Early Intervention Data System to support additional analysis and reporting of child outcomes data at all levels.									
	Strategy	Evaluation Questions	How will we know	Measurement/ Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator
1	Update <b>Improve</b> the IDEA Part C Office statewide data system to ensure <b>simple and comprehensive</b> access to timely and accurate child outcomes data reports for ongoing evaluation of program performance in improving social-emotional outcomes for infants and toddlers.	Has the IDEA Part C statewide data system been updated to provide reports to support ongoing evaluation of program performance in improving social-emotional outcomes for infants and toddlers program improvement?	Child outcomes data reports are available on an ongoing basis to evaluate provider performance relative to improving social-emotional outcomes for infants and toddlers for whom they provide services.	IDEA Part C Office Documentation of Data System Evaluation and Updates	4/1/2016	<del>4/1/2017</del> <del>7/1/2018</del> Tentative 12/2018	6 Months	Status: In process  Data: RFP Released; in process of selection of Vendor	.
2	The Social-emotional Module in the revised IDEA Part C Office Evidence-Based Practice Guidelines (EBPG) includes a section on COS; module is distributed to all EIS providers and posted on IDEA Part C Office website for access by families and the public.	Is the EBP Guidelines for the Social-emotional Module distributed to providers as planned?	EBP Guidelines Module is distributed to all EIS providers as planned.	Documentation of Distribution/ IDEA Part C Office Website.	5/1/2016	September 2018 Release Date	One-time	Status: Module will be finalized and released in September 2018.	Notes: Workgroup initiated work in September 2017; facilitated by TA and Part C Office; Meetings twice a month  Timeline Adjusted for pilot with EIS Programs prior to finalization/publication

Activity 2: Provide/facilitate training on Child Outcome Rating process to ensure inter-rater reliability across the statewide system.									
	Strategy	Evaluation Questions	How will we know	Measurement/ Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator
3	Training is provided to EIS providers on Child Outcome Rating process utilizing ECO Center training modules to ensure inter-rater reliability across statewide system.	How many EIS providers participated in training and follow-up evaluation for completing the ECO rating process?	At least 85% of EIS providers participate in COS ratings training and follow-up.	Training and Follow up Roster	<del>7/1/2016</del> January 2019	Ongoing	Annually	Status: In Process  Evidence: Addressed in New Employee Orientation, EIS Program COS training reports; EIS Programs report on COS procedures as part of monitoring  Data: Individual program data available for some programs; statewide performance data not available statewide at this time	Adjustment: Timeline for implementation extended to update data collection and reporting requirements statewide.  Implications of Adjustment: Comprehensive data on training across programs is not available at this time; TA support will be requested on survey procedures to gather complete data on provider training
Activity 3: Develop and implement ongoing process for providing Data System training for EI providers in the analysis and use of child outcomes data reports.									
	Strategy	Evaluation Questions	How will we know	Measurement/ Data Collection Method	Projected Initiation	Projected Completion	Measurement Intervals	Status and Data	Evaluation Notes: Data Quality Issues and Actions, Performance Status Related to Performance Indicator

Nevada SSIP Phase III, Year II 201-2018– Data System and Accountability Strand, April 2, 2018

4	Provide ongoing training and TA support for EI Providers on correct procedures for entering COS data in the statewide data system and generation and use of reports for program improvement.	Do EIS providers have support to analyze data across reports to support program planning?	Programs analyze data and apply to program improvement plans.	TA Provision Logs; Program Improvement Plans	4/1/2016	Ongoing	Annually	<p>Status: Completed, ongoing</p> <p>Baseline Data: Provider Survey – “The Early Intervention program I work for analyzes data related to children’s social-emotional progress as a result of participating in training to support improvements to our program.”</p> <p>Agree: 41%</p> <p>Partially Agree: 33%</p> <p>Total Agreeing: 74%</p>	<p>Training and Helpdesk support has been provided by the IDEA Part C Office on the current system but there is still limited access to ongoing reports to support program improvement; this will be addressed through the implementation of the new data system.</p>
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